

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
 Data File : PL032543.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Jan 2018 3:12  
 Operator : UA\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 04:37:31 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.407  | 3.992  | 444.9E6  | 59759846 | 49.769  | 47.720    |
| 28)                         | SA Decachlor... | 8.110  | 9.021  | 525.0E6  | 87148889 | 45.118  | 45.818    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.387  | 0        | 2409985  | N.D.    | 1.040 #   |
| 3)                          | MA gamma-BHC... | 4.162f | 0.000  | 23129954 | 0        | 1.791   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.414  | 5.166  | 311.8E6  | 60386168 | 23.555  | 28.924    |
| 5)                          | MB Aldrin       | 4.669  | 5.443  | 14657756 | 43029485 | 1.140   | 20.548 #  |
| 6)                          | B beta-BHC      | 4.414f | 0.000  | 311.8E6  | 0        | 54.594  | N.D. #    |
| 8)                          | B Heptachlo...  | 5.064  | 5.832  | 31582482 | 15484928 | 2.668   | 8.661 #   |
| 9)                          | A Endosulfan I  | 5.416  | 6.159f | 42229205 | 168.0E6  | 3.700   | 93.112 #  |
| 10)                         | B gamma-Chl...  | 5.320  | 6.083  | 1277.8E6 | 142.9E6  | 99.003  | 73.275 #  |
| 11)                         | B alpha-Chl...  | 5.377  | 6.159  | 657.9E6  | 168.0E6  | 52.881  | 88.645 #  |
| 12)                         | B 4,4'-DDE      | 5.575  | 6.376f | 13687244 | 10179172 | 1.077   | 5.338 #   |
| 13)                         | MA Dieldrin     | 5.617f | 6.460  | 26628703 | 6819058  | 2.080   | 3.568 #   |
| 14)                         | MA Endrin       | 5.936  | 6.694  | 23833898 | -1237441 | 2.041   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.206  | 6.812f | 227.0E6  | 5399221  | 19.345  | 3.066 #   |
| 16)                         | A 4,4'-DDD      | 5.987f | 6.769  | 73689839 | 23786084 | 7.004   | 16.678 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.950f | 0        | 30330926 | N.D.    | 20.483 #  |
| 23)                         | Chlordane-1     | 4.265  | 4.979  | 211.7E6  | 20349968 | 515.296 | 263.173 # |
| 24)                         | Chlordane-2     | 4.414  | 5.166  | 311.8E6  | 60386168 | 507.790 | 514.584   |
| 25)                         | Chlordane-3     | 5.320  | 6.083  | 1277.8E6 | 142.9E6  | 856.058 | 518.428 # |
| 26)                         | Chlordane-4     | 5.377  | 6.159  | 657.9E6  | 168.0E6  | 511.513 | 514.259   |
| 27)                         | Chlordane-5     | 6.206  | 6.950  | 227.0E6  | 30330926 | 459.043 | 503.289   |
| -----                       |                 |        |        |          |          |         |           |

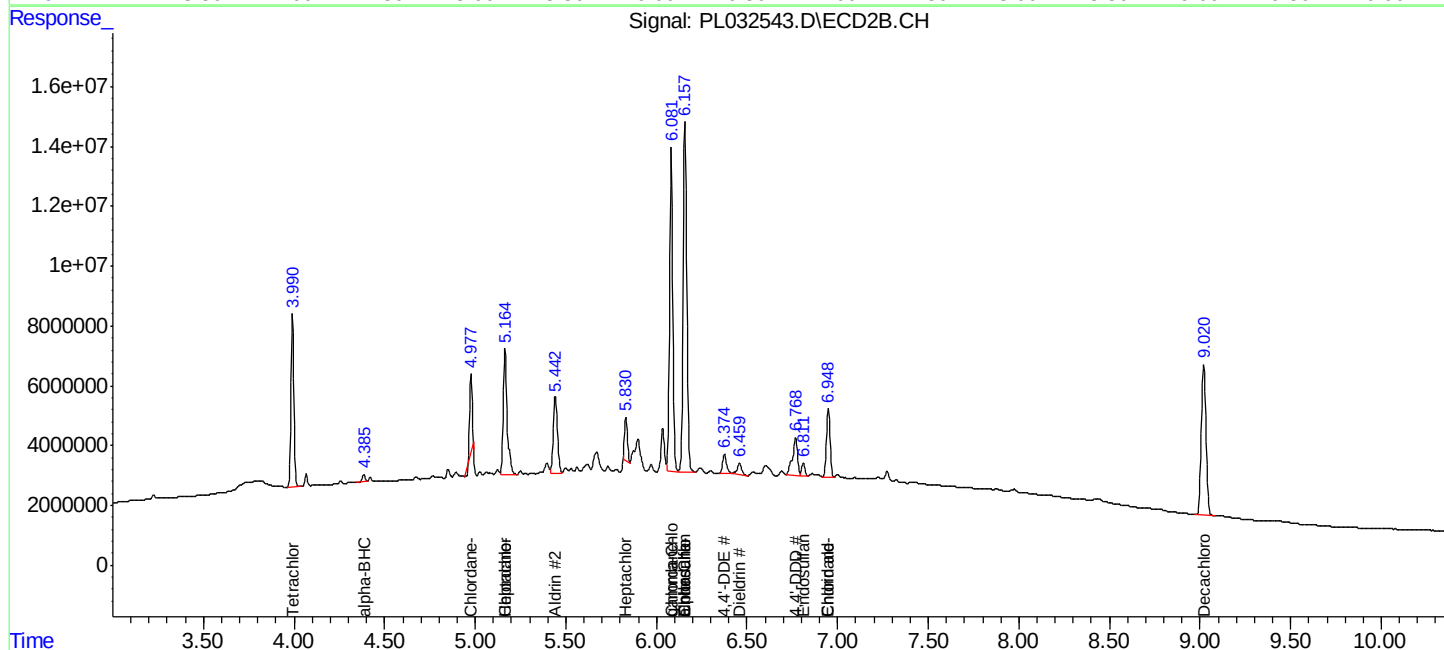
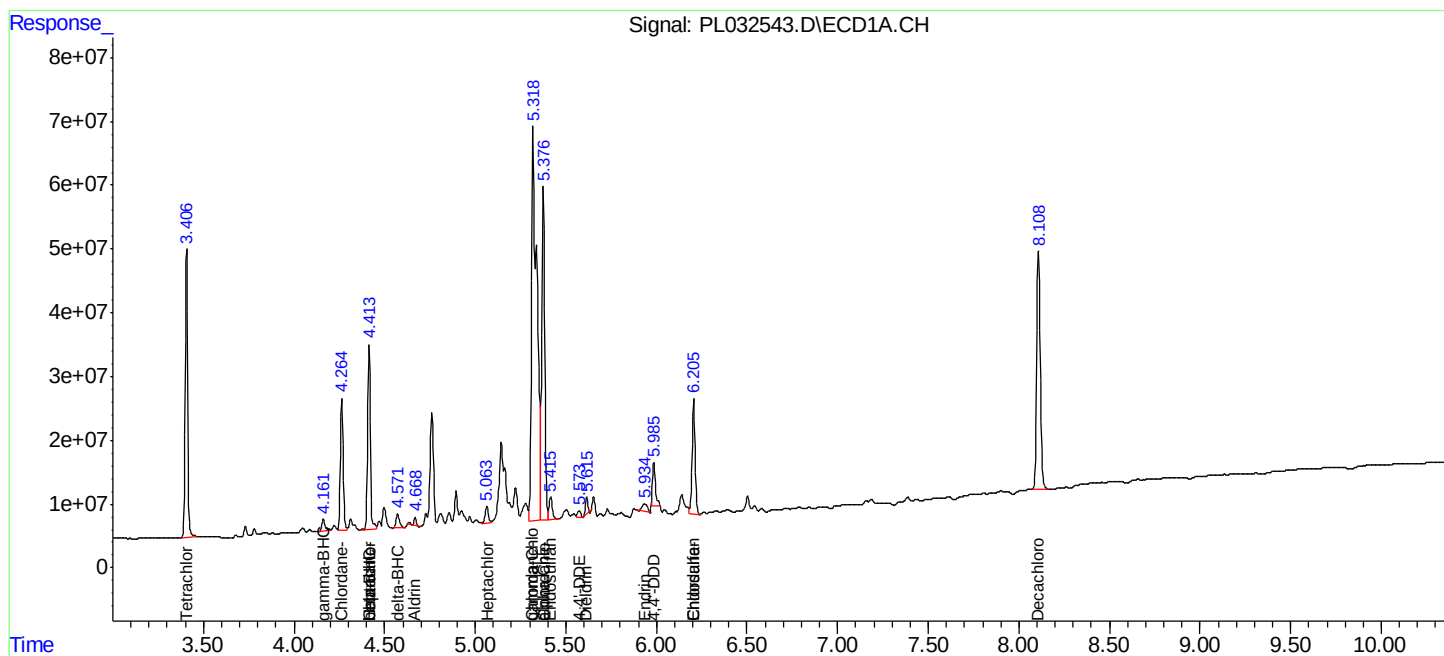
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

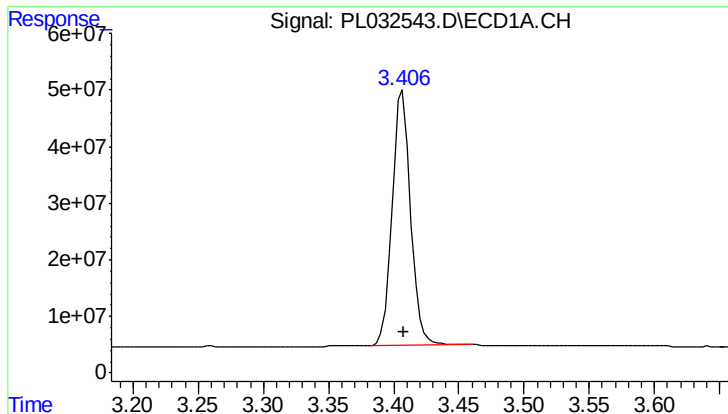
Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
Data File : PL032543.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Jan 2018 3:12  
Operator : UA\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 04:37:31 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

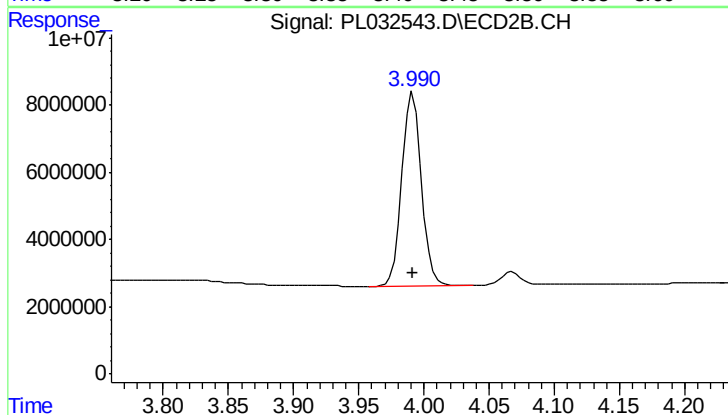




#1 Tetrachloro-m-xylene

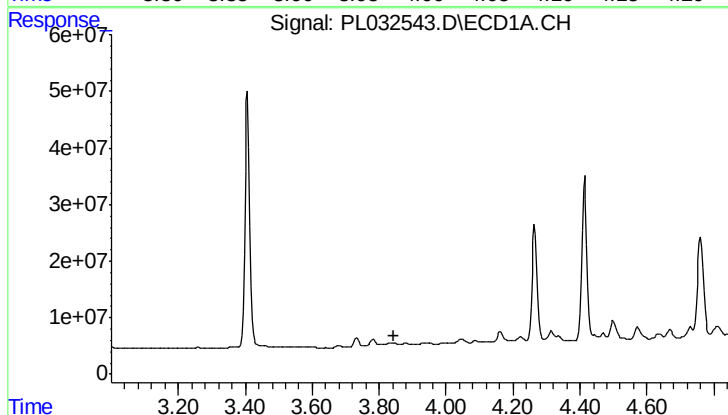
R.T.: 3.407 min  
Delta R.T.: 0.000 min  
Response: 444938927  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



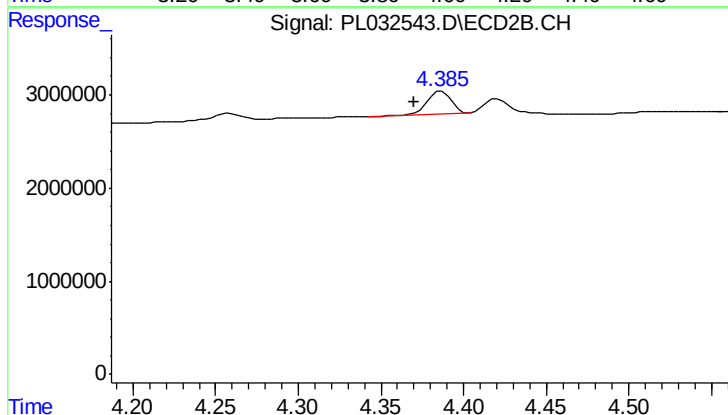
#1 Tetrachloro-m-xylene

R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 59759846  
Conc: 47.72 ng/ml



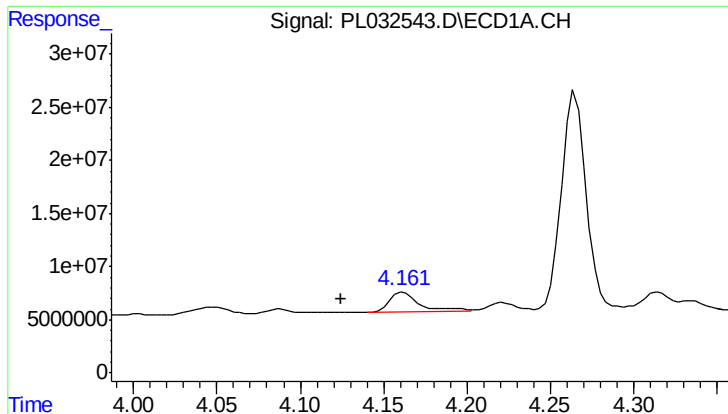
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.844 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

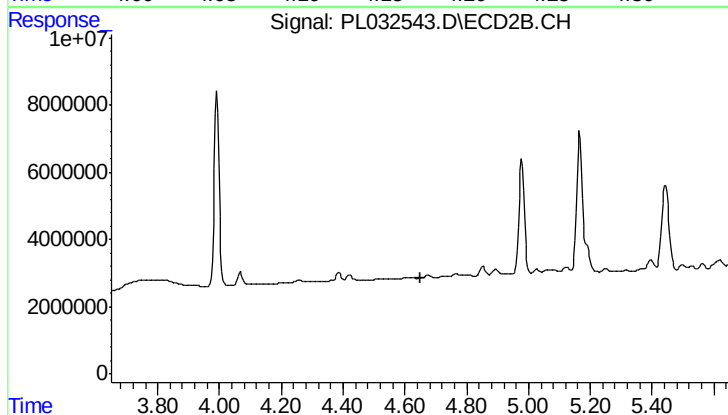
R.T.: 4.387 min  
Delta R.T.: 0.017 min  
Response: 2409985  
Conc: 1.04 ng/ml



#3 gamma-BHC (Lindane)

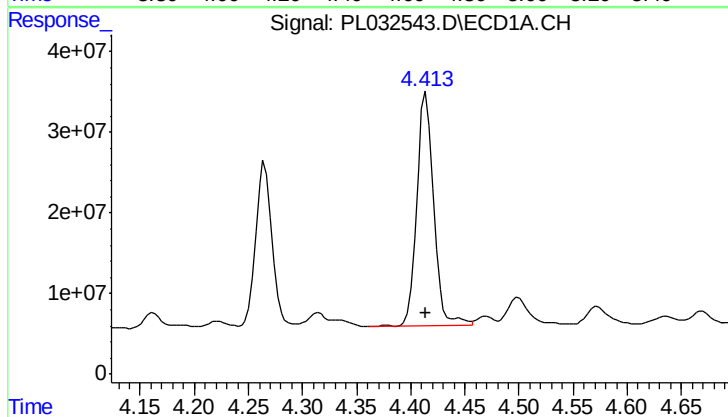
R.T.: 4.162 min  
Delta R.T.: 0.037 min  
Response: 23129954  
Conc: 1.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



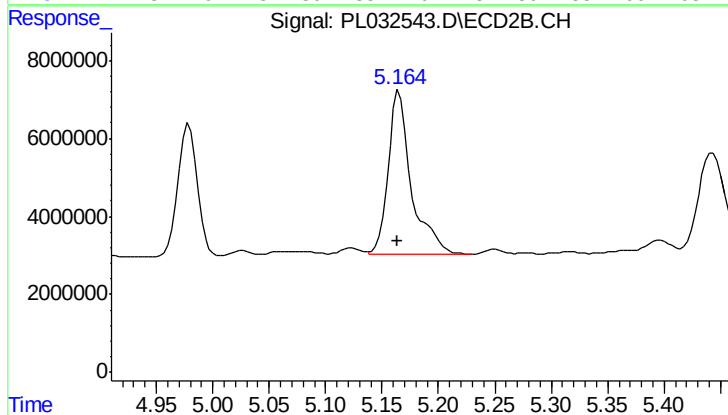
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T.: 4.650 min  
Response: 0  
Conc: N.D.



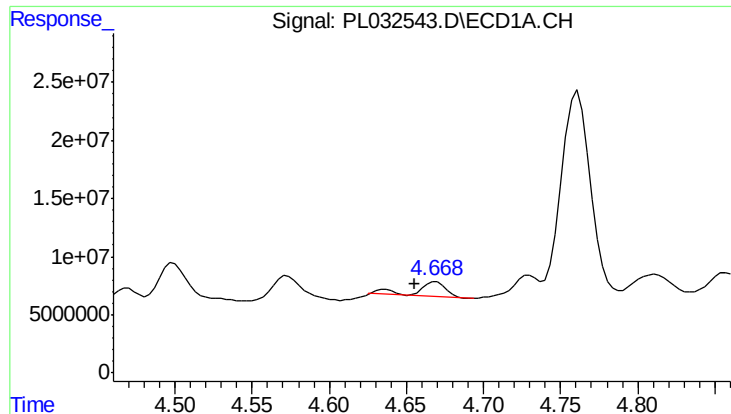
#4 Heptachlor

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 311801183  
Conc: 23.55 ng/ml



#4 Heptachlor

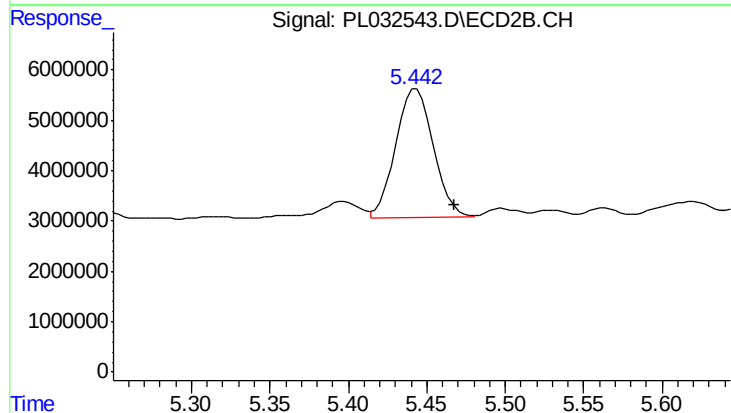
R.T.: 5.166 min  
Delta R.T.: 0.002 min  
Response: 60386168  
Conc: 28.92 ng/ml



#5 Aldrin

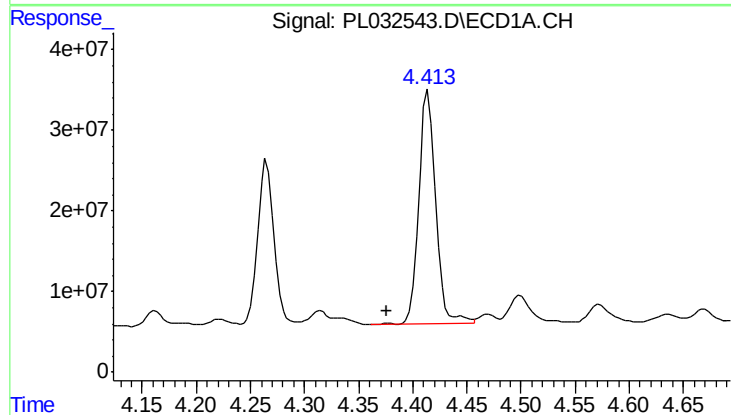
R.T.: 4.669 min  
Delta R.T.: 0.013 min  
Response: 14657756  
Conc: 1.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



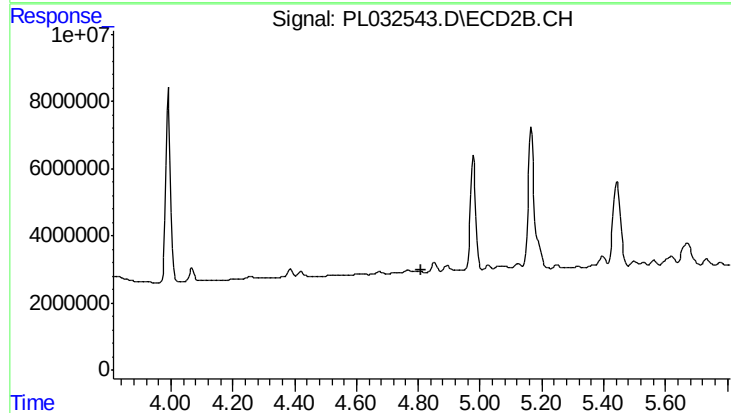
#5 Aldrin

R.T.: 5.443 min  
Delta R.T.: -0.025 min  
Response: 43029485  
Conc: 20.55 ng/ml



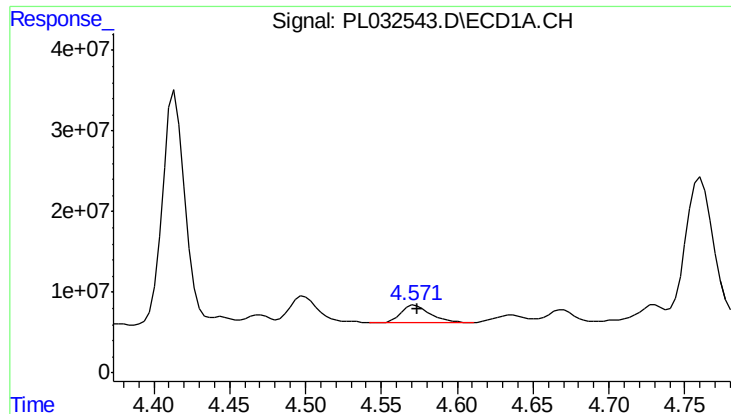
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: 0.039 min  
Response: 311801183  
Conc: 54.59 ng/ml



#6 beta-BHC

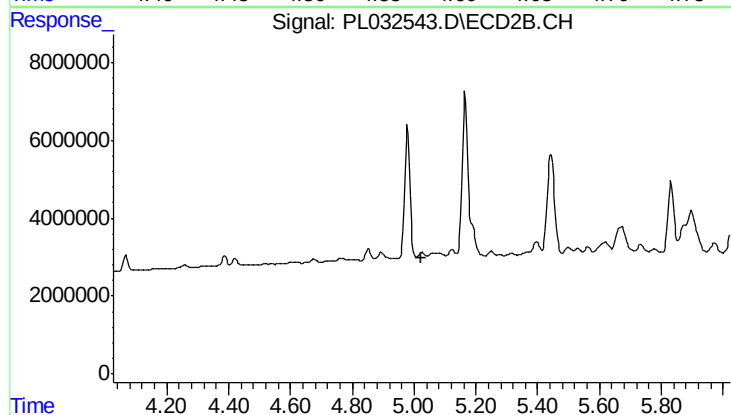
R.T.: 0.000 min  
Exp R.T.: 4.811 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

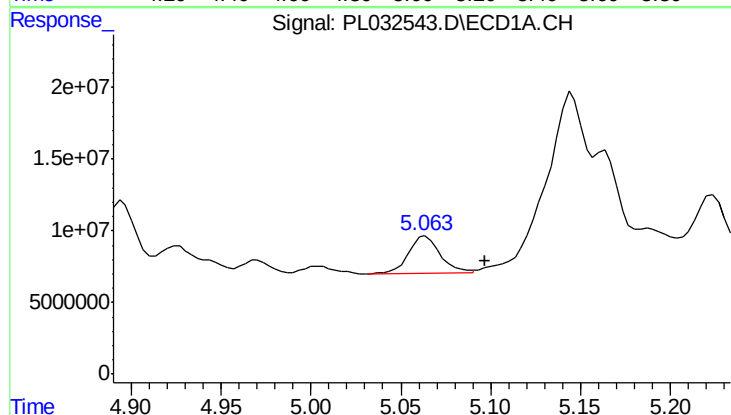
R.T.: 4.573 min  
Delta R.T.: -0.002 min  
Response: 26927050  
Conc: 2.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



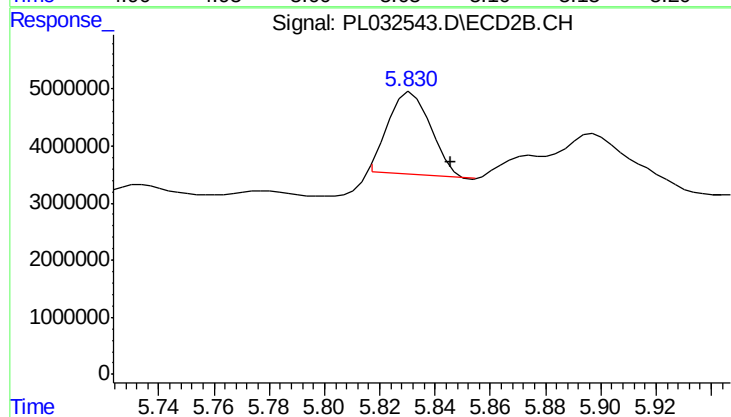
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: -7429417  
Conc: N.D.



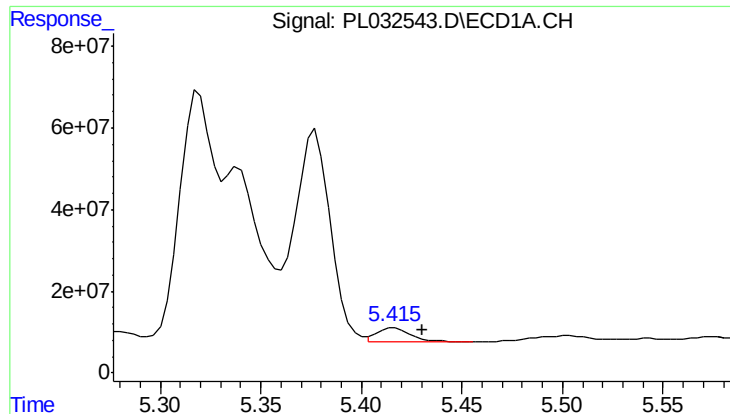
#8 Heptachlor epoxide

R.T.: 5.064 min  
Delta R.T.: -0.033 min  
Response: 31582482  
Conc: 2.67 ng/ml



#8 Heptachlor epoxide

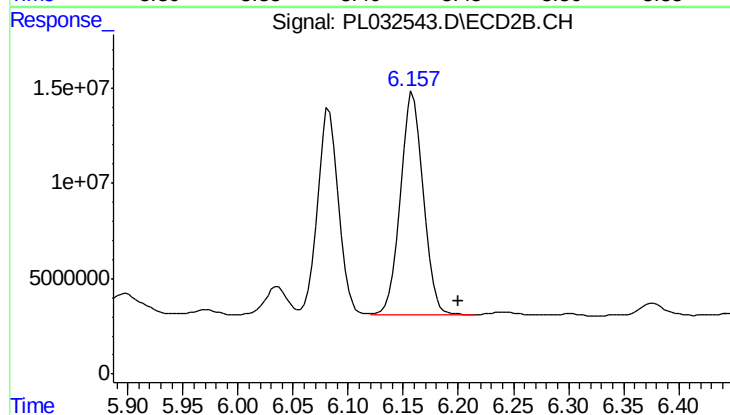
R.T.: 5.832 min  
Delta R.T.: -0.014 min  
Response: 15484928  
Conc: 8.66 ng/ml



#9 Endosulfan I

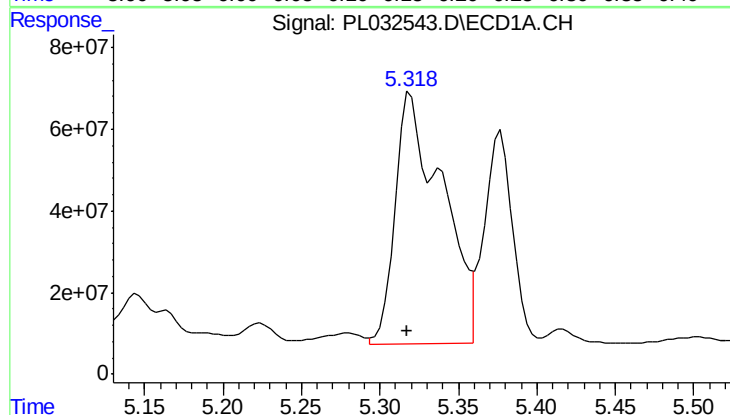
R.T.: 5.416 min  
Delta R.T.: -0.014 min  
Response: 42229205  
Conc: 3.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



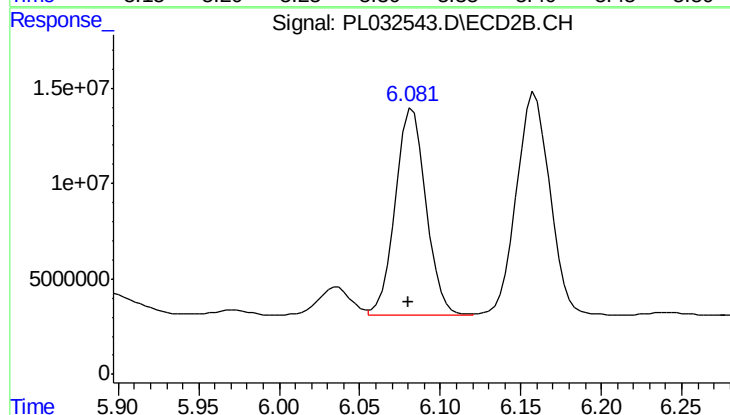
#9 Endosulfan I

R.T.: 6.159 min  
Delta R.T.: -0.041 min  
Response: 168013142  
Conc: 93.11 ng/ml



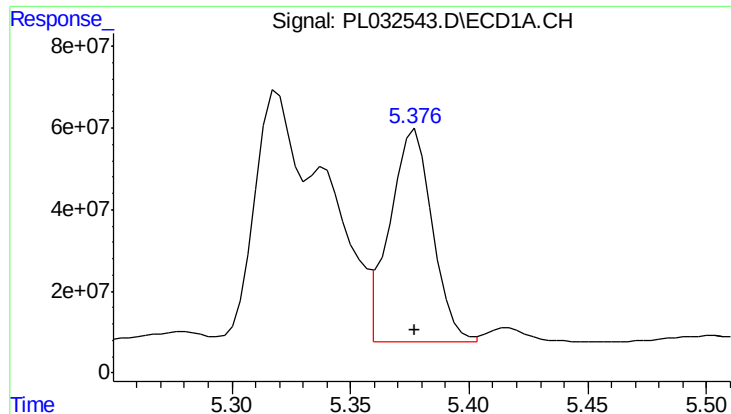
#10 gamma-Chlordane

R.T.: 5.320 min  
Delta R.T.: 0.002 min  
Response: 1277778129  
Conc: 99.00 ng/ml



#10 gamma-Chlordane

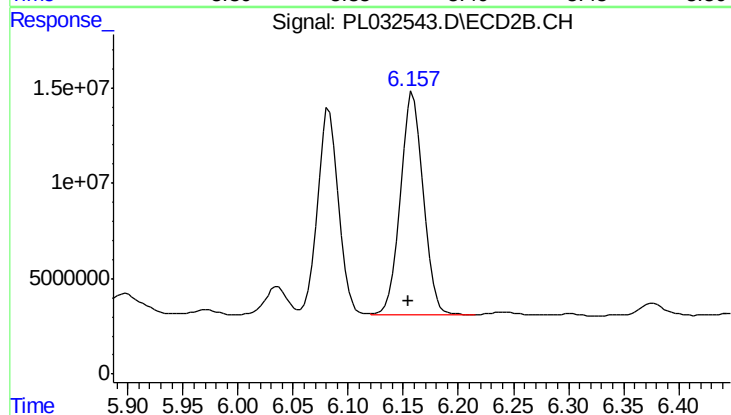
R.T.: 6.083 min  
Delta R.T.: 0.002 min  
Response: 142872239  
Conc: 73.27 ng/ml



#11 alpha-Chlordane

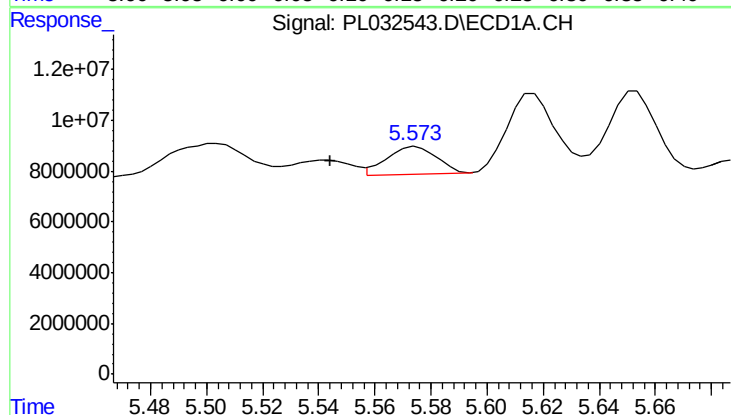
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 657924853  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



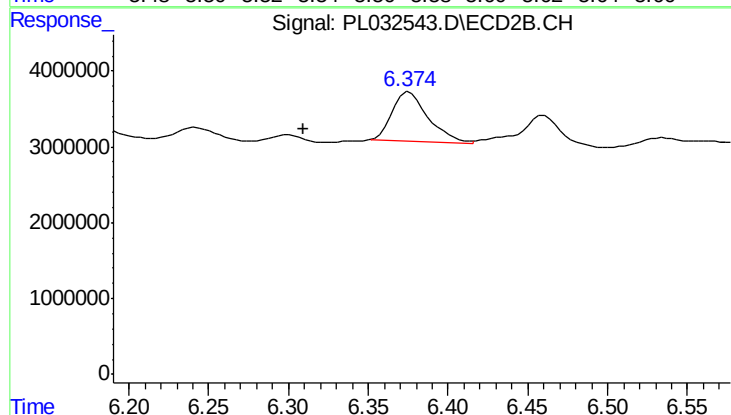
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.005 min  
Response: 168013142  
Conc: 88.64 ng/ml



#12 4,4'-DDE

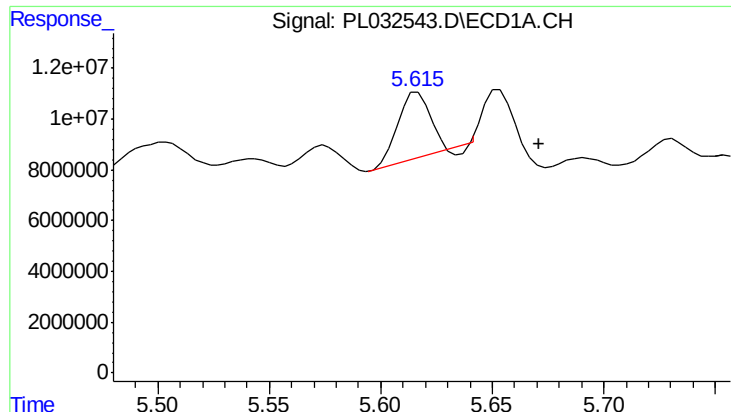
R.T.: 5.575 min  
Delta R.T.: 0.031 min  
Response: 13687244  
Conc: 1.08 ng/ml



#12 4,4'-DDE

R.T.: 6.376 min  
Delta R.T.: 0.066 min  
Response: 10179172  
Conc: 5.34 ng/ml

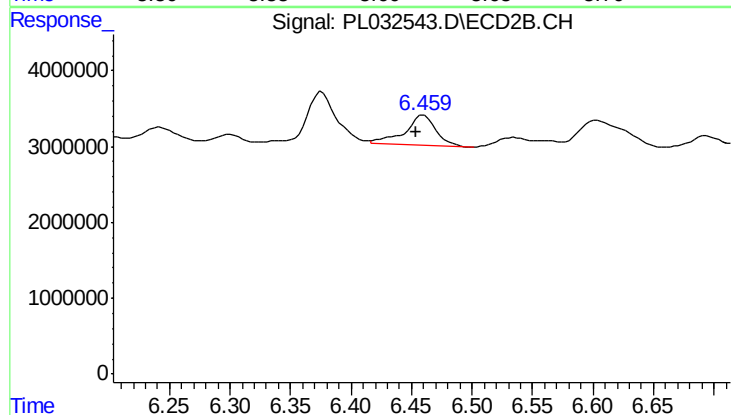




#13 Dieldrin

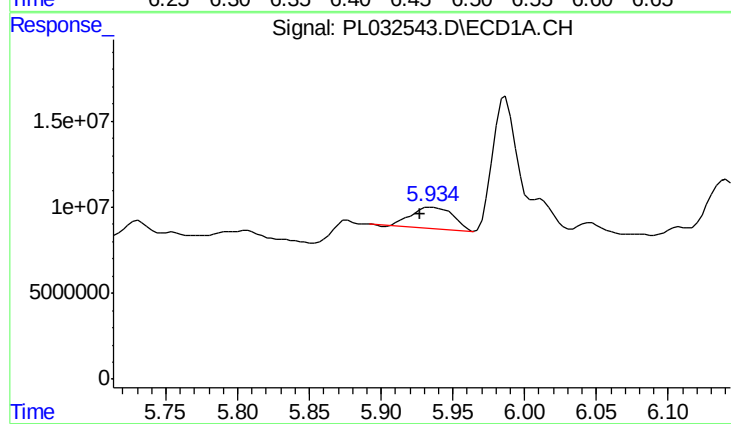
R.T.: 5.617 min  
Delta R.T.: -0.054 min  
Response: 26628703  
Conc: 2.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



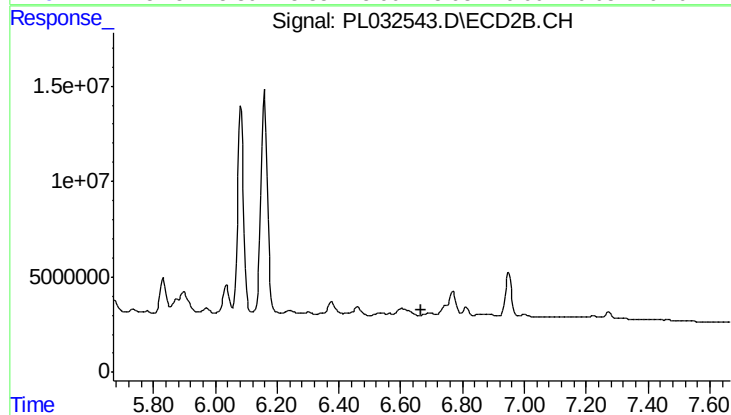
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: 0.007 min  
Response: 6819058  
Conc: 3.57 ng/ml



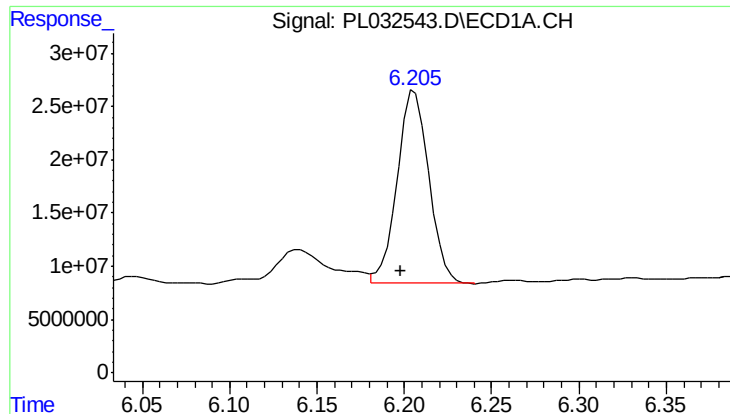
#14 Endrin

R.T.: 5.936 min  
Delta R.T.: 0.009 min  
Response: 23833898  
Conc: 2.04 ng/ml



#14 Endrin

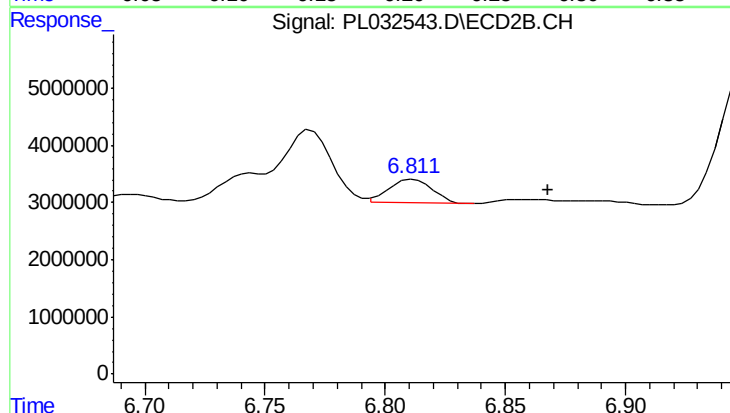
R.T.: 6.694 min  
Delta R.T.: 0.027 min  
Response: -1237441  
Conc: N.D.



#15 Endosulfan II

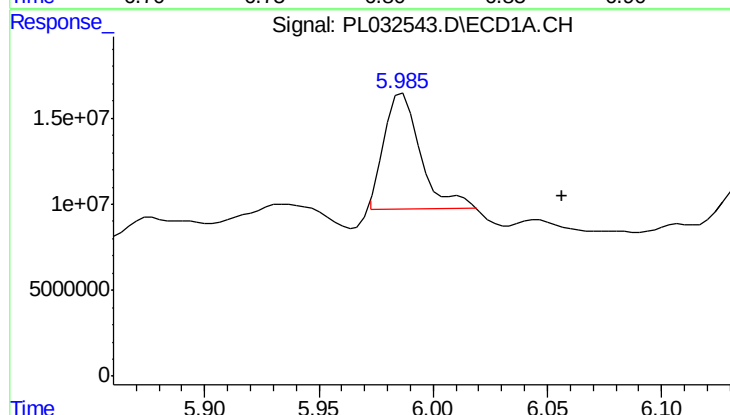
R.T.: 6.206 min  
Delta R.T.: 0.008 min  
Response: 226966917  
Conc: 19.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



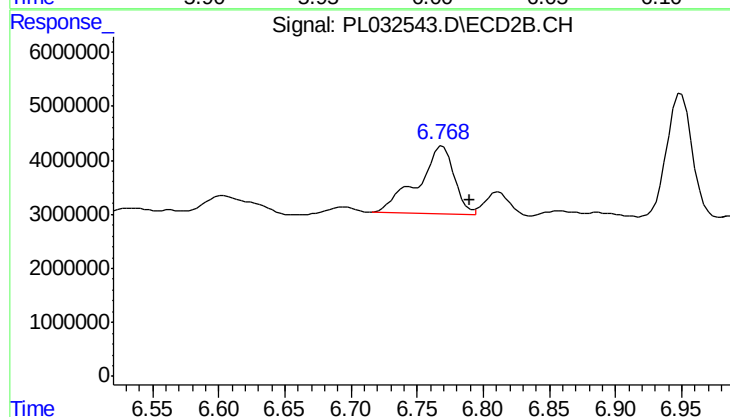
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.056 min  
Response: 5399221  
Conc: 3.07 ng/ml



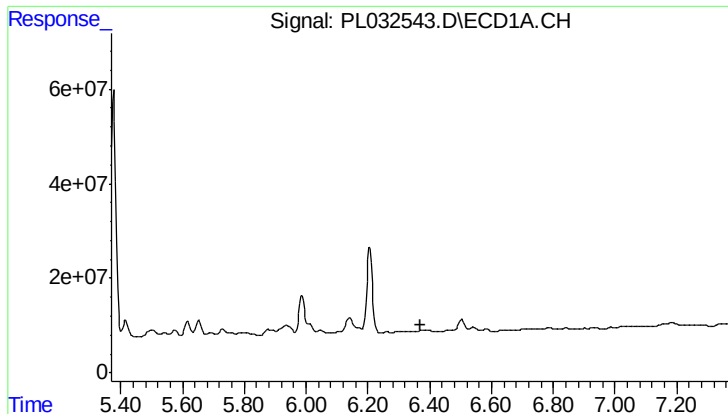
#16 4,4'-DDD

R.T.: 5.987 min  
Delta R.T.: -0.070 min  
Response: 73689839  
Conc: 7.00 ng/ml



#16 4,4'-DDD

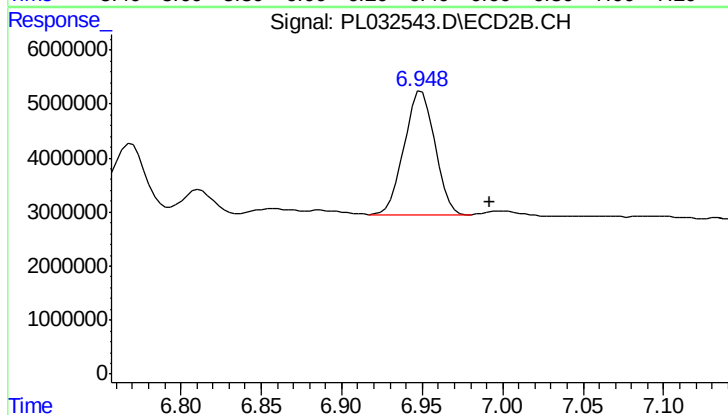
R.T.: 6.769 min  
Delta R.T.: -0.021 min  
Response: 23786084  
Conc: 16.68 ng/ml



#18 Endrin aldehyde

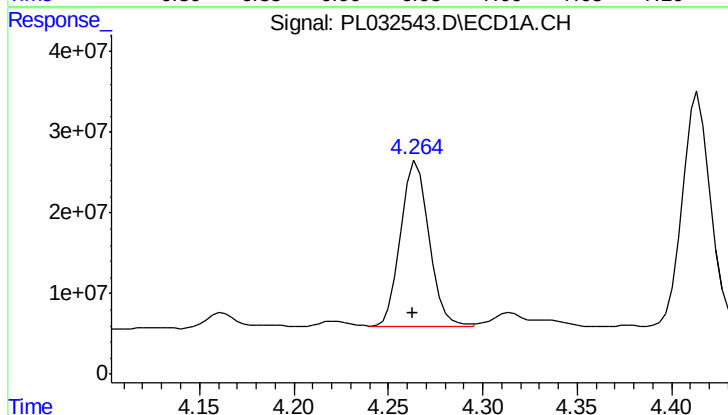
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



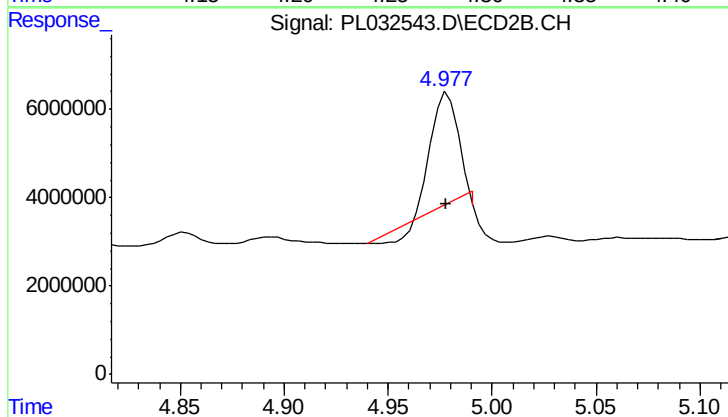
#18 Endrin aldehyde

R.T.: 6.950 min  
Delta R.T.: -0.042 min  
Response: 30330926  
Conc: 20.48 ng/ml



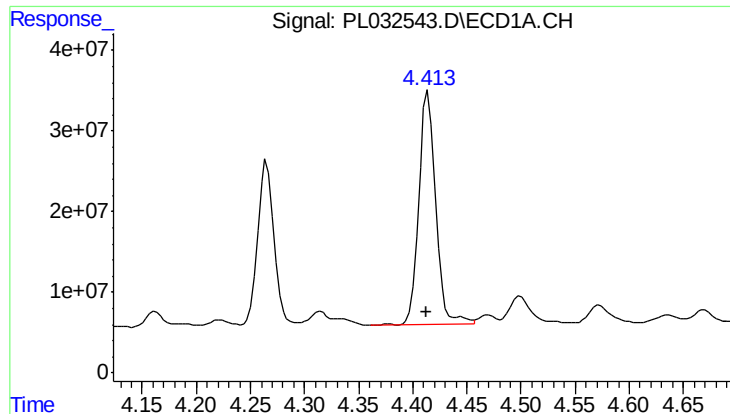
#23 Chlordane-1

R.T.: 4.265 min  
Delta R.T.: 0.002 min  
Response: 211667996  
Conc: 515.30 ng/ml



#23 Chlordane-1

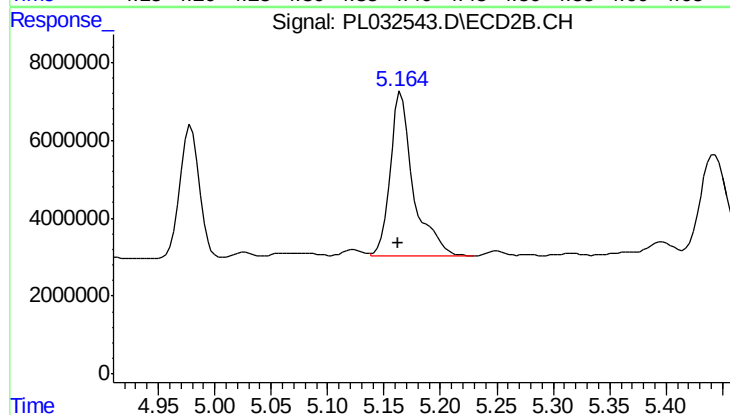
R.T.: 4.979 min  
Delta R.T.: 0.001 min  
Response: 20349968  
Conc: 263.17 ng/ml



#24 Chlordane-2

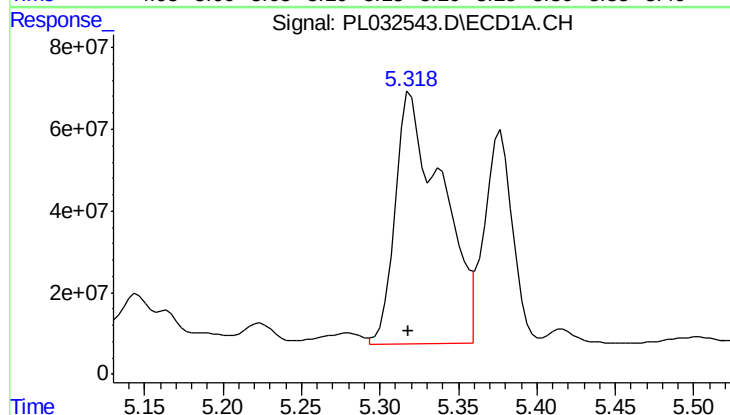
R.T.: 4.414 min  
Delta R.T.: 0.002 min  
Response: 311801183  
Conc: 507.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



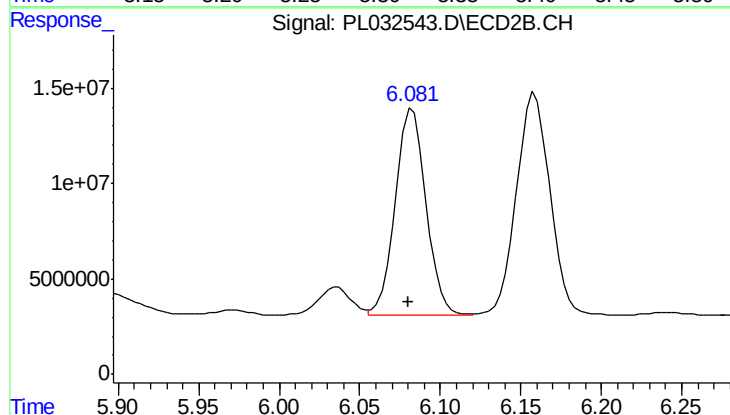
#24 Chlordane-2

R.T.: 5.166 min  
Delta R.T.: 0.003 min  
Response: 60386168  
Conc: 514.58 ng/ml



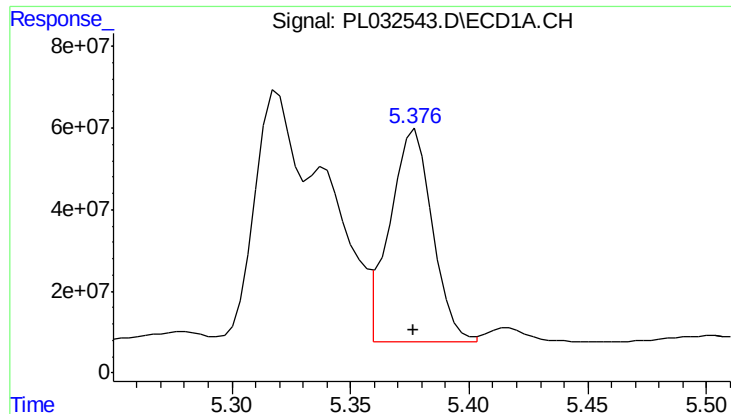
#25 Chlordane-3

R.T.: 5.320 min  
Delta R.T.: 0.002 min  
Response: 1277778129  
Conc: 856.06 ng/ml



#25 Chlordane-3

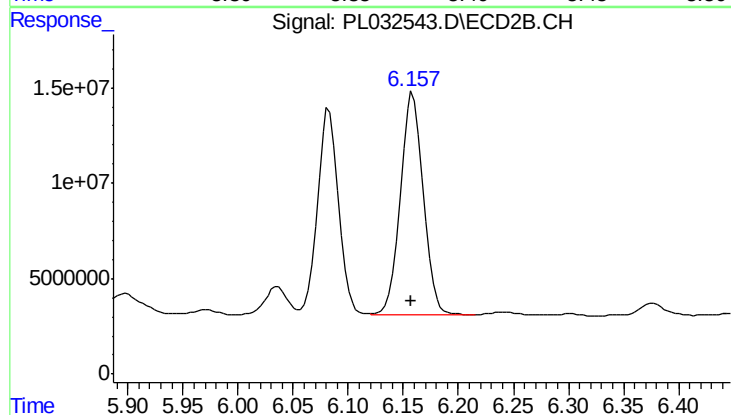
R.T.: 6.083 min  
Delta R.T.: 0.002 min  
Response: 142872239  
Conc: 518.43 ng/ml



#26 Chlordane-4

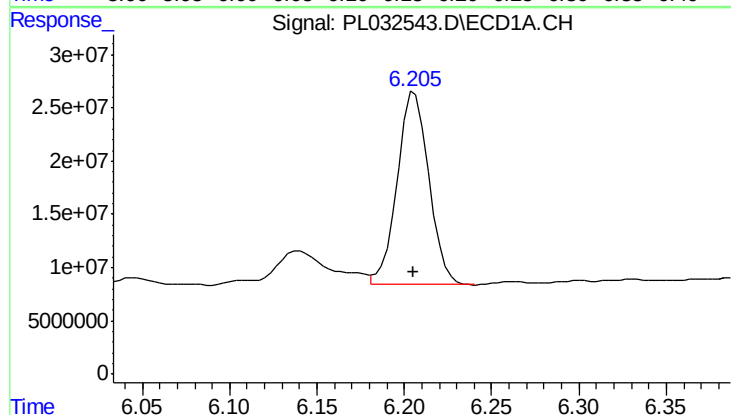
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 657924853  
Conc: 511.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



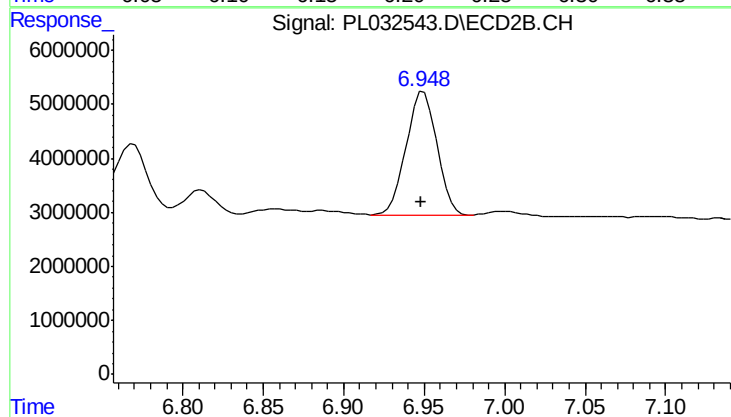
#26 Chlordane-4

R.T.: 6.159 min  
Delta R.T.: 0.002 min  
Response: 168013142  
Conc: 514.26 ng/ml



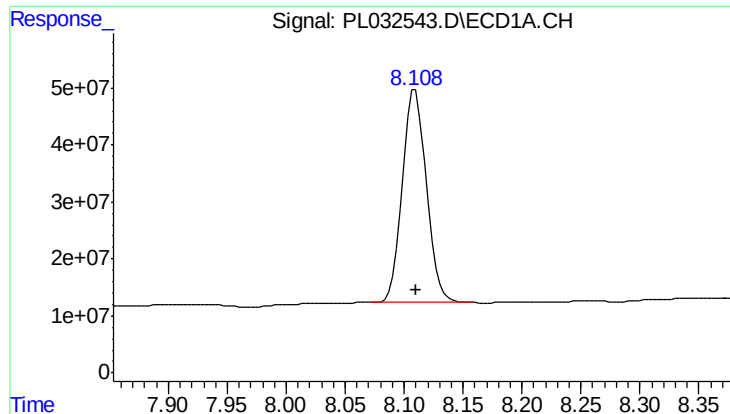
#27 Chlordane-5

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 226966917  
Conc: 459.04 ng/ml



#27 Chlordane-5

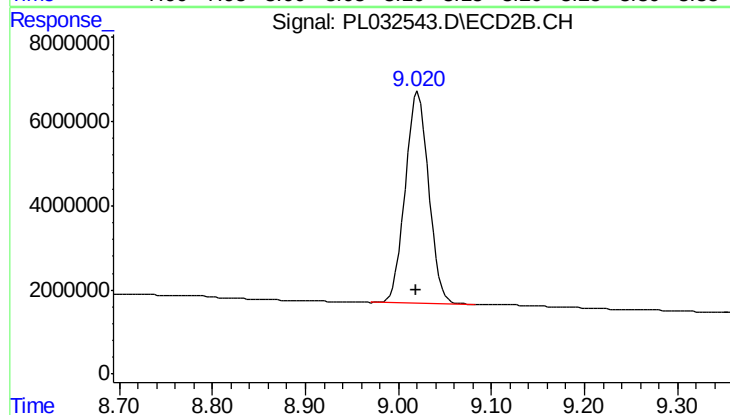
R.T.: 6.950 min  
Delta R.T.: 0.002 min  
Response: 30330926  
Conc: 503.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 524968495  
Conc: 45.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 9.021 min  
Delta R.T.: 0.002 min  
Response: 87148889  
Conc: 45.82 ng/ml