

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065027.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 13:16  
 Operator : AR\AJ  
 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 04 01:14:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.429 | 4.099  | 129.6E6  | 113.3E6  | 46.080   | 52.434     |
| 28)                         | SA Decachlor... | 8.152 | 9.262  | 101.3E6  | 83984301 | 45.032   | 44.217     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.863 | 4.503  | 221.4E6  | 167.7E6  | 47.750   | 55.370     |
| 3)                          | MA gamma-BHC... | 4.143 | 4.794  | 202.7E6  | 153.8E6  | 46.884   | 54.145     |
| 4)                          | MA Heptachlor   | 4.440 | 5.306  | 185.4E6  | 146.8E6  | 45.207   | 49.536     |
| 5)                          | MB Aldrin       | 4.685 | 5.617  | 171.6E6  | 128.8E6  | 46.075   | 52.533     |
| 6)                          | B beta-BHC      | 4.394 | 4.974  | 81533197 | 71722940 | 47.703   | 55.173     |
| 7)                          | B delta-BHC     | 4.596 | 5.195  | 196.7E6  | 140.3E6  | 48.672   | 51.947     |
| 8)                          | B Heptachlo...  | 5.126 | 6.011  | 160.3E6  | 116.9E6  | 46.162   | 52.971     |
| 9)                          | A Endosulfan I  | 5.462 | 6.374  | 153.0E6  | 106.0E6  | 47.706   | 50.549     |
| 10)                         | B gamma-Chl...  | 5.352 | 6.247  | 163.0E6  | 118.5E6  | 46.490   | 51.279     |
| 11)                         | B alpha-Chl...  | 5.409 | 6.320  | 160.7E6  | 117.7E6  | 46.396   | 51.108     |
| 12)                         | B 4,4'-DDE      | 5.575 | 6.477  | 155.5E6  | 104.3E6  | 49.687   | 51.407     |
| 13)                         | MA Dieldrin     | 5.703 | 6.635  | 153.2E6  | 107.9E6  | 46.719   | 50.483     |
| 14)                         | MA Endrin       | 5.958 | 6.856  | 136.2E6  | 85822477 | 45.341   | 47.474     |
| 15)                         | B Endosulfa...  | 6.231 | 7.072  | 133.7E6  | 93043222 | 46.448   | 49.377     |
| 16)                         | A 4,4'-DDD      | 6.089 | 6.976  | 124.0E6  | 89794657 | 48.958   | 51.797     |
| 17)                         | MA 4,4'-DDT     | 6.327 | 7.276  | 98218322 | 74702036 | 43.556   | 48.996     |
| 18)                         | B Endrin al...  | 6.399 | 7.198  | 111.5E6  | 77958652 | 45.717   | 47.875     |
| 19)                         | B Endosulfa...  | 6.612 | 7.422  | 131.0E6  | 88421841 | 46.183   | 49.134     |
| 20)                         | A Methoxychlor  | 6.875 | 7.737  | 53741253 | 47665332 | 41.504   | 52.730 #   |
| 21)                         | B Endrin ke...  | 7.098 | 7.901  | 135.6E6  | 100.2E6  | 47.290   | 52.409     |
| 22)                         | Mirex           | 7.280 | 8.351  | 97690078 | 68896429 | 46.234   | 49.565     |
| 24)                         | Chlordane-2     | 0.000 | 5.617f | 0        | 128.8E6  | N.D.     | 1477.516 # |
| 25)                         | Chlordane-3     | 5.352 | 6.247  | 163.0E6  | 118.5E6  | 496.061  | 387.579    |
| 26)                         | Chlordane-4     | 5.409 | 6.320  | 160.7E6  | 117.7E6  | 584.036  | 317.591 #  |
| 27)                         | Chlordane-5     | 6.231 | 0.000  | 133.7E6  | 0        | 1321.881 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

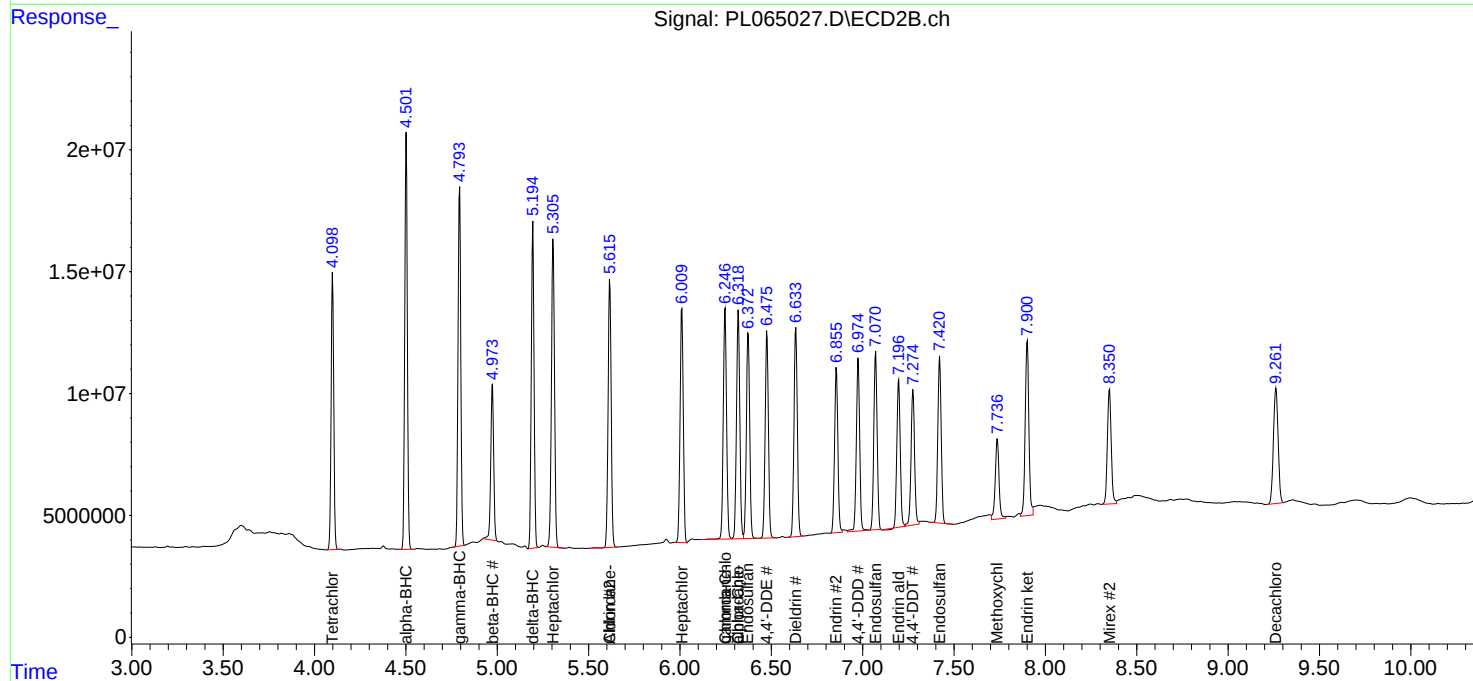
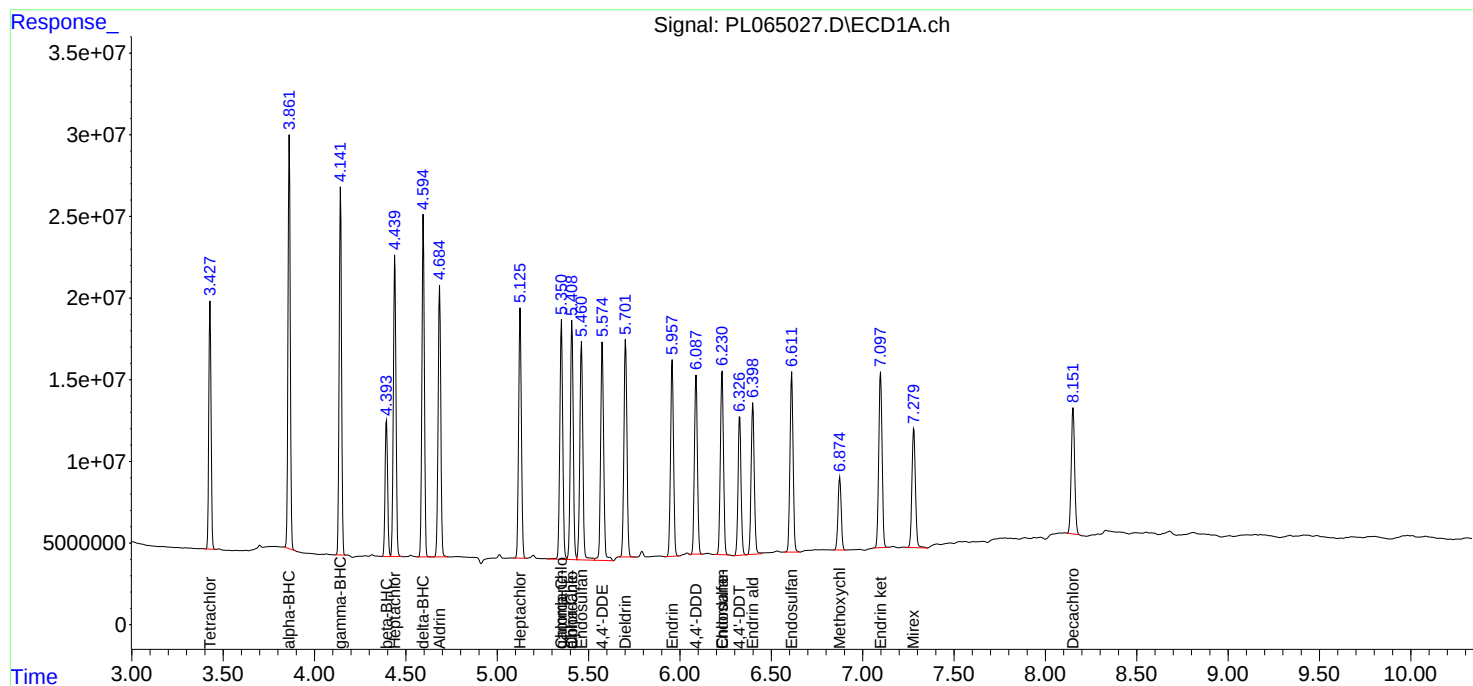
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

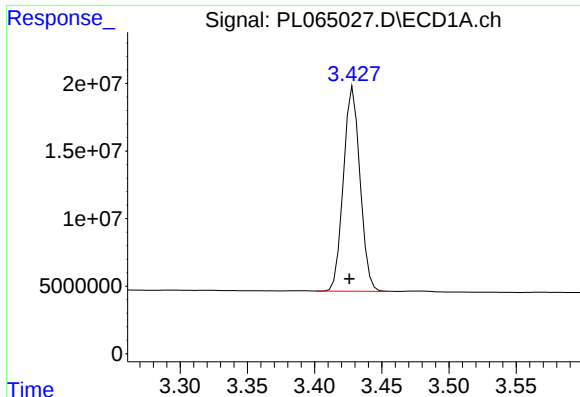
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065027.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 13:16  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:14:02 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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

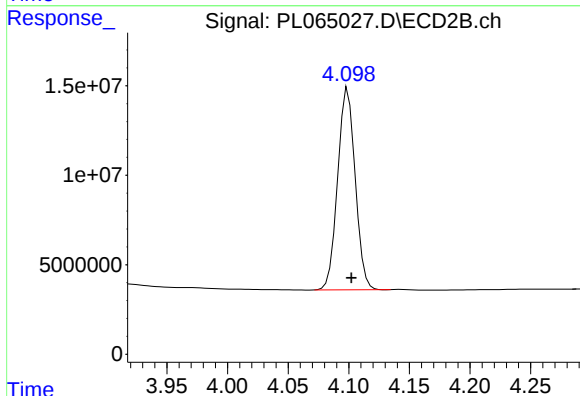




#1 Tetrachloro-m-xylene

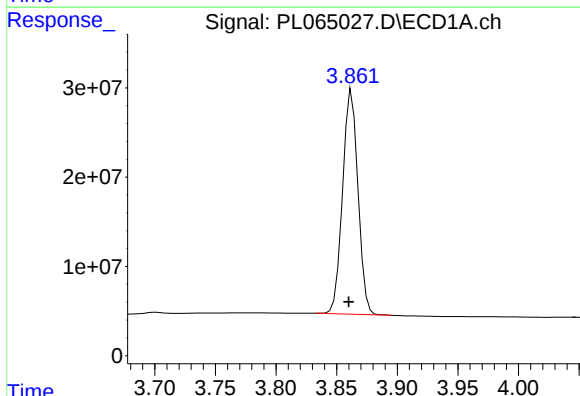
R.T.: 3.429 min  
Delta R.T.: 0.003 min  
Response: 129645329  
Conc: 46.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



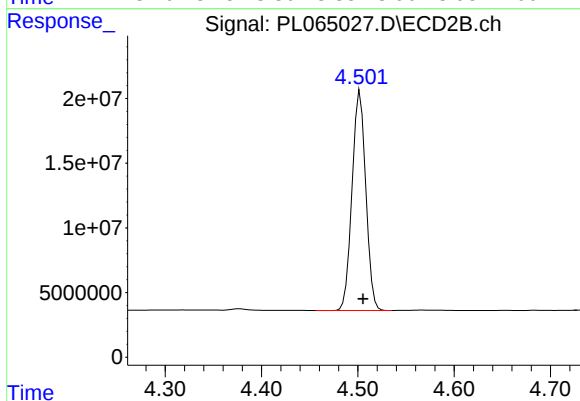
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 113268205  
Conc: 52.43 ng/ml



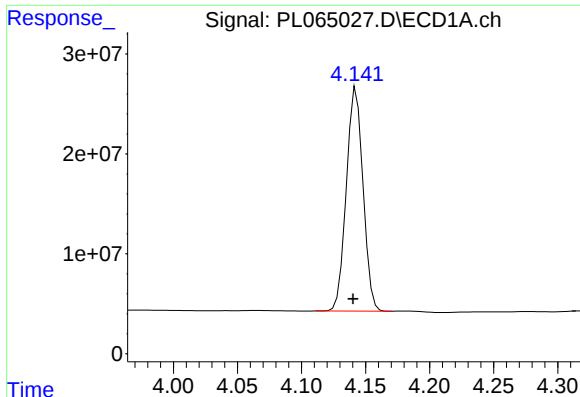
#2 alpha-BHC

R.T.: 3.863 min  
Delta R.T.: 0.003 min  
Response: 221442994  
Conc: 47.75 ng/ml



#2 alpha-BHC

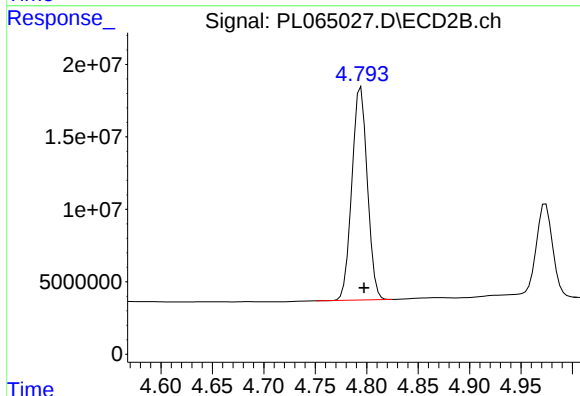
R.T.: 4.503 min  
Delta R.T.: -0.003 min  
Response: 167713603  
Conc: 55.37 ng/ml



#3 gamma-BHC (Lindane)

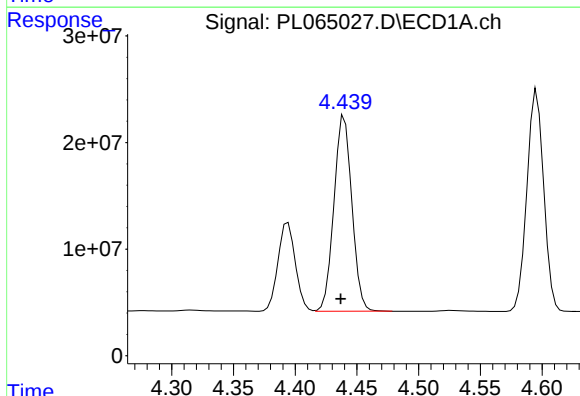
R.T.: 4.143 min  
Delta R.T.: 0.002 min  
Response: 202703982  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



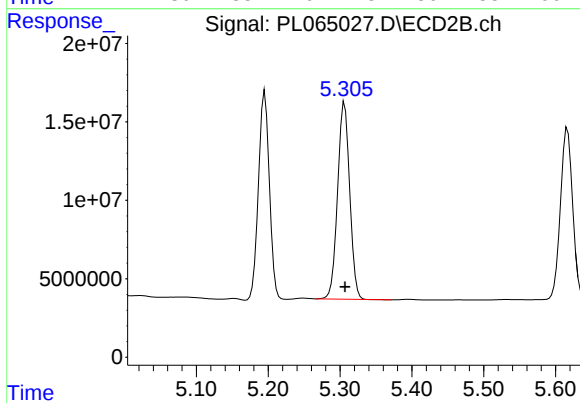
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.003 min  
Response: 153797545  
Conc: 54.15 ng/ml



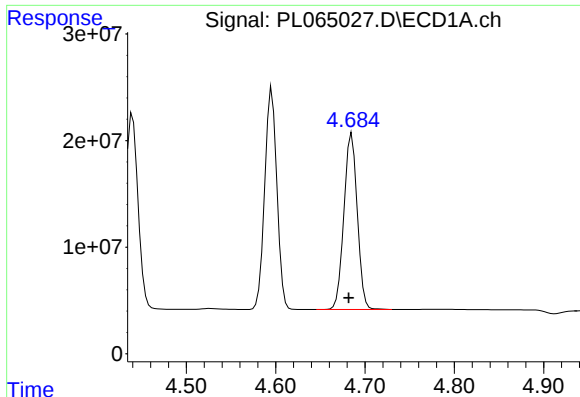
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: 0.003 min  
Response: 185354892  
Conc: 45.21 ng/ml



#4 Heptachlor

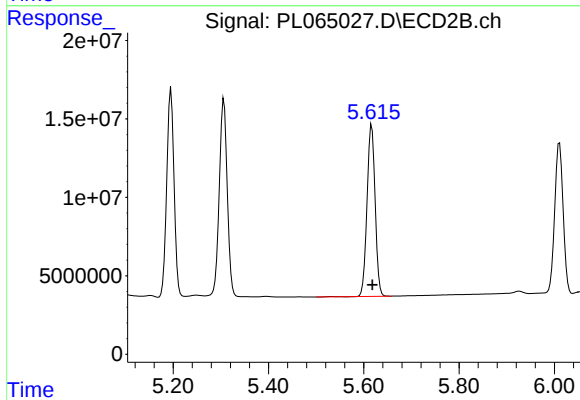
R.T.: 5.306 min  
Delta R.T.: 0.000 min  
Response: 146752473  
Conc: 49.54 ng/ml



#5 Aldrin

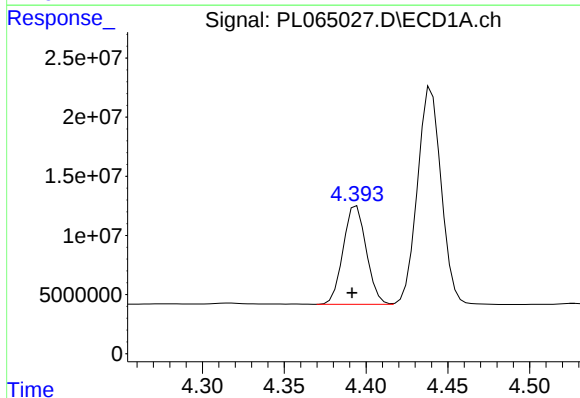
R.T.: 4.685 min  
Delta R.T.: 0.003 min  
Response: 171564477  
Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



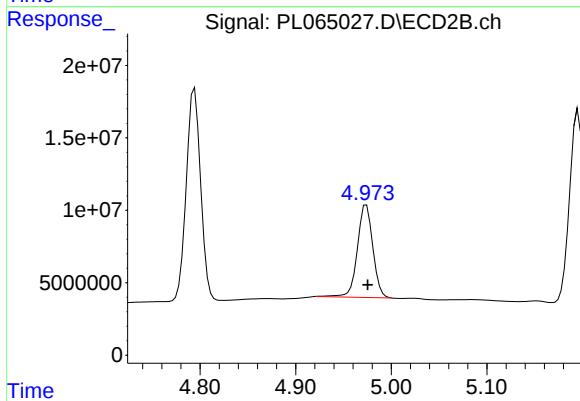
#5 Aldrin

R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 128830854  
Conc: 52.53 ng/ml



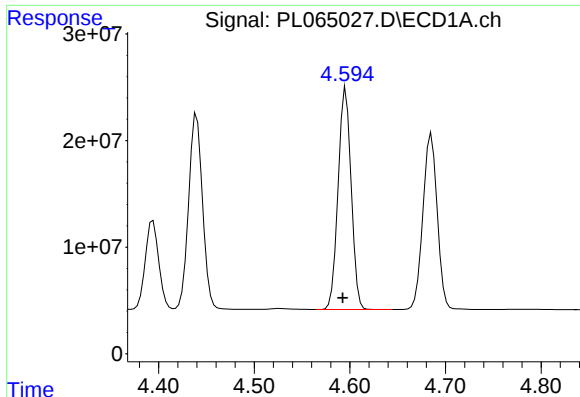
#6 beta-BHC

R.T.: 4.394 min  
Delta R.T.: 0.003 min  
Response: 81533197  
Conc: 47.70 ng/ml



#6 beta-BHC

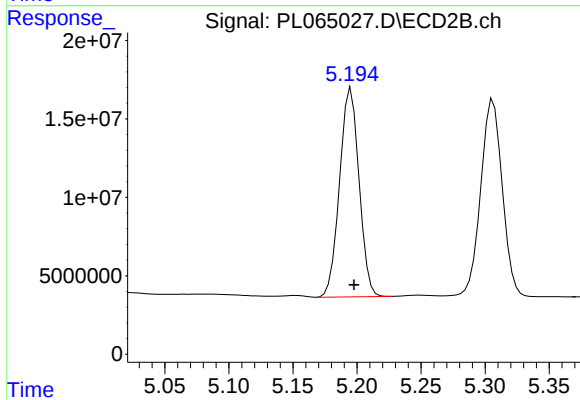
R.T.: 4.974 min  
Delta R.T.: -0.001 min  
Response: 71722940  
Conc: 55.17 ng/ml



#7 delta-BHC

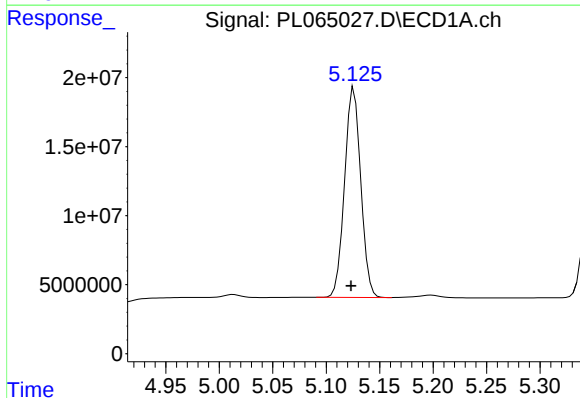
R.T.: 4.596 min  
Delta R.T.: 0.003 min  
Response: 196742793  
Conc: 48.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



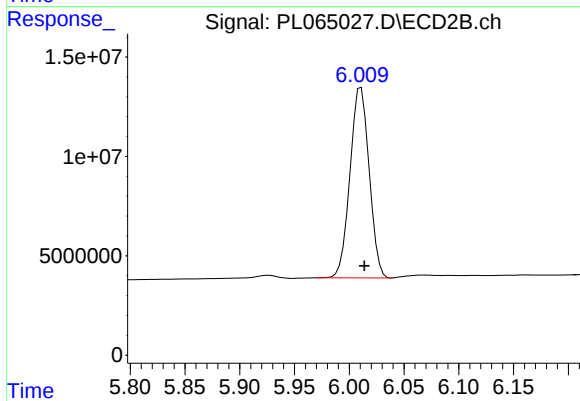
#7 delta-BHC

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 140348112  
Conc: 51.95 ng/ml



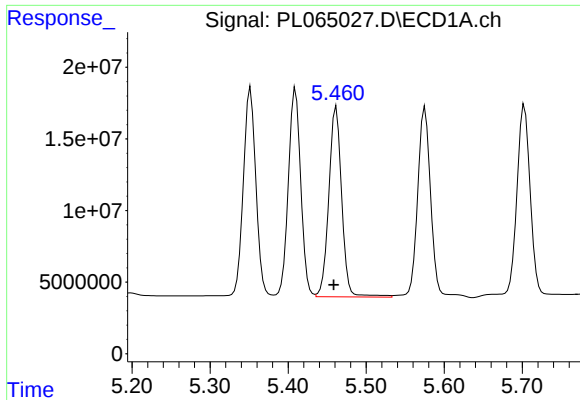
#8 Heptachlor epoxide

R.T.: 5.126 min  
Delta R.T.: 0.003 min  
Response: 160268729  
Conc: 46.16 ng/ml



#8 Heptachlor epoxide

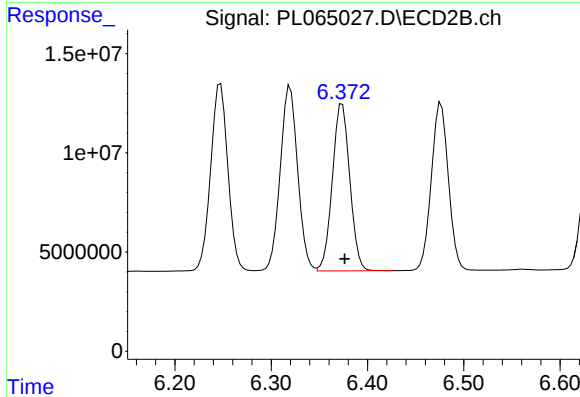
R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 116869664  
Conc: 52.97 ng/ml



#9 Endosulfan I

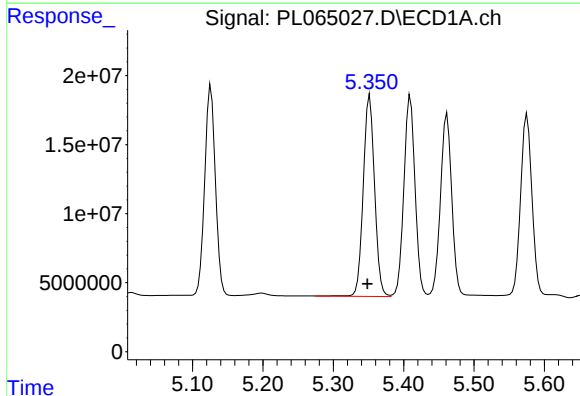
R.T.: 5.462 min  
Delta R.T.: 0.003 min  
Response: 152990239  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



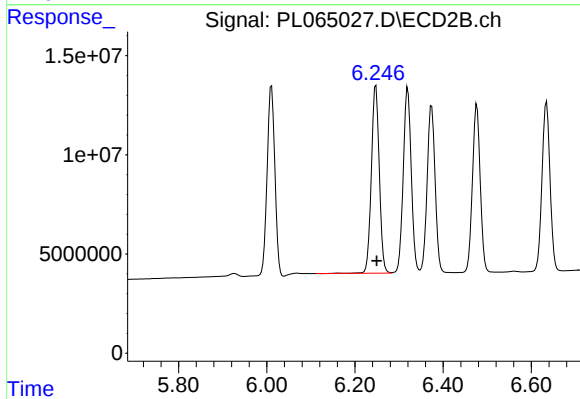
#9 Endosulfan I

R.T.: 6.374 min  
Delta R.T.: -0.003 min  
Response: 106023264  
Conc: 50.55 ng/ml



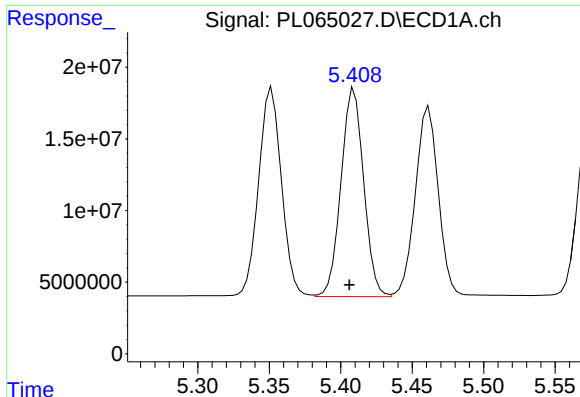
#10 gamma-Chlordane

R.T.: 5.352 min  
Delta R.T.: 0.003 min  
Response: 163013140  
Conc: 46.49 ng/ml



#10 gamma-Chlordane

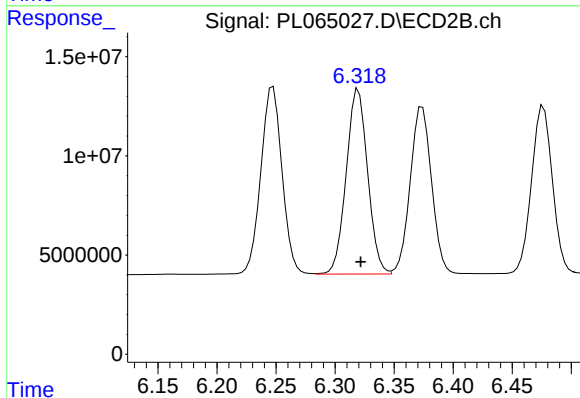
R.T.: 6.247 min  
Delta R.T.: -0.002 min  
Response: 118505496  
Conc: 51.28 ng/ml



#11 alpha-Chlordane

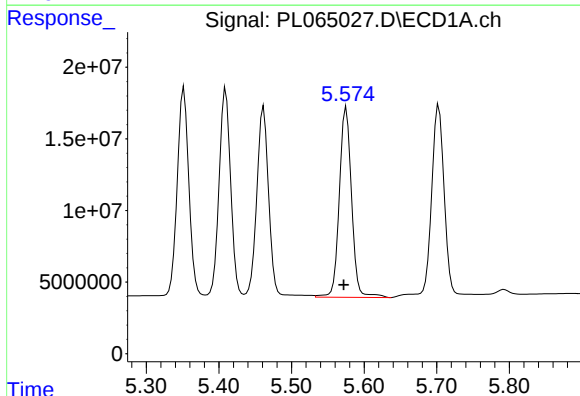
R.T.: 5.409 min  
Delta R.T.: 0.003 min  
Response: 160694959  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



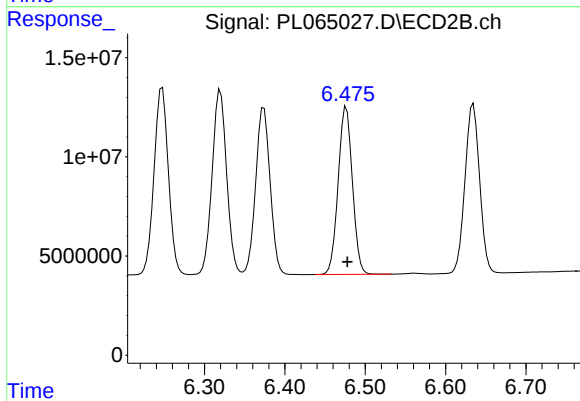
#11 alpha-Chlordane

R.T.: 6.320 min  
Delta R.T.: -0.002 min  
Response: 117660400  
Conc: 51.11 ng/ml



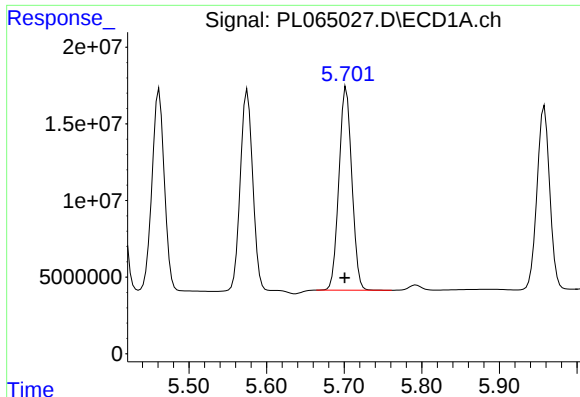
#12 4,4'-DDE

R.T.: 5.575 min  
Delta R.T.: 0.003 min  
Response: 155491696  
Conc: 49.69 ng/ml



#12 4,4'-DDE

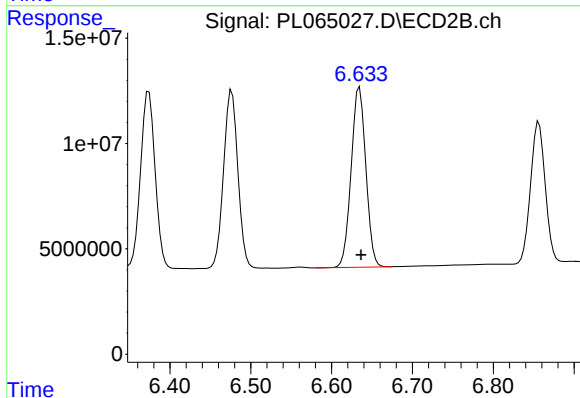
R.T.: 6.477 min  
Delta R.T.: -0.001 min  
Response: 104253708  
Conc: 51.41 ng/ml



#13 Dieldrin

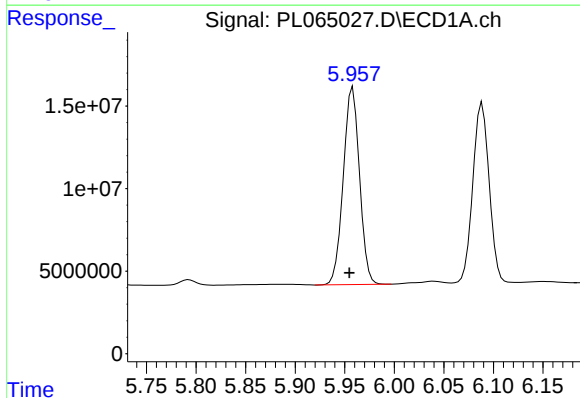
R.T.: 5.703 min  
Delta R.T.: 0.002 min  
Response: 153246518  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



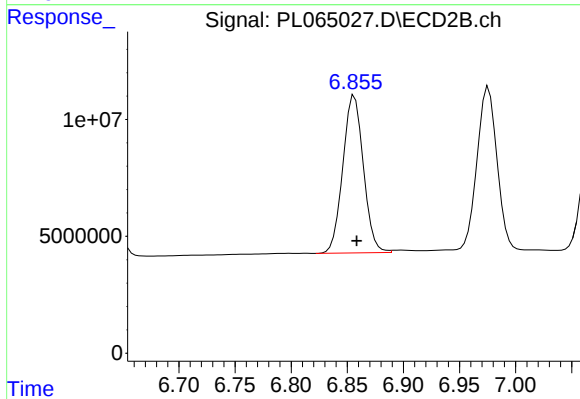
#13 Dieldrin

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 107915768  
Conc: 50.48 ng/ml



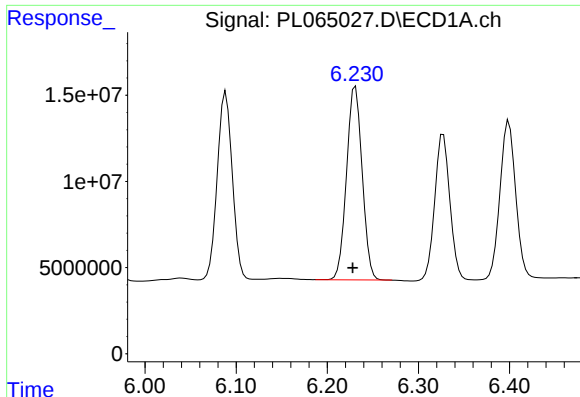
#14 Endrin

R.T.: 5.958 min  
Delta R.T.: 0.003 min  
Response: 136177180  
Conc: 45.34 ng/ml



#14 Endrin

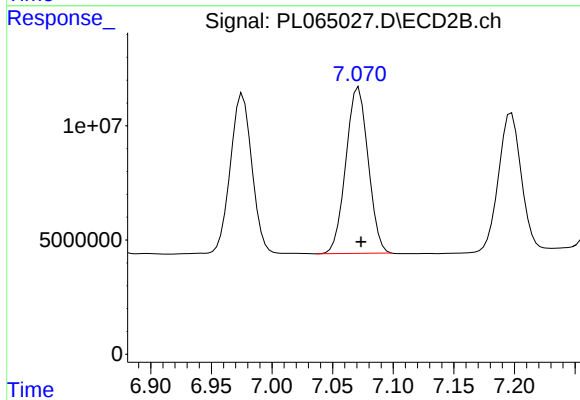
R.T.: 6.856 min  
Delta R.T.: -0.002 min  
Response: 85822477  
Conc: 47.47 ng/ml



#15 Endosulfan II

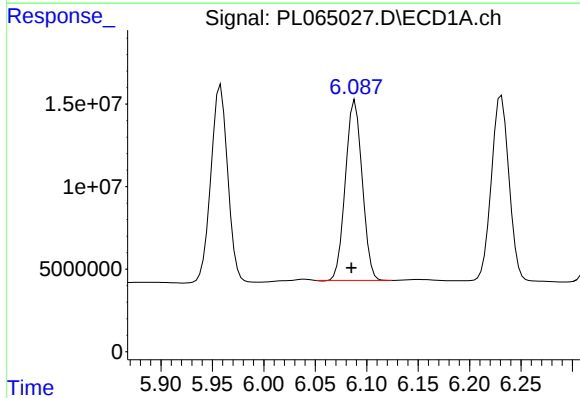
R.T.: 6.231 min  
Delta R.T.: 0.003 min  
Response: 133746121  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



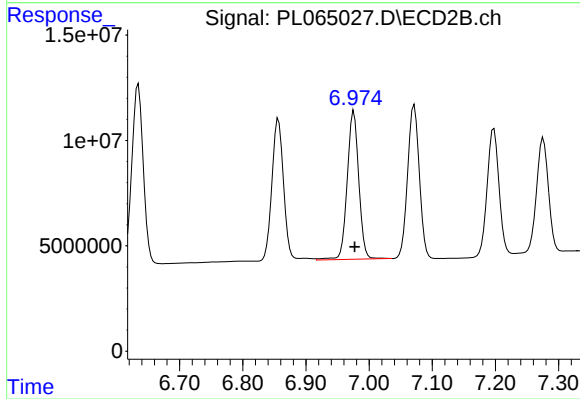
#15 Endosulfan II

R.T.: 7.072 min  
Delta R.T.: -0.002 min  
Response: 93043222  
Conc: 49.38 ng/ml



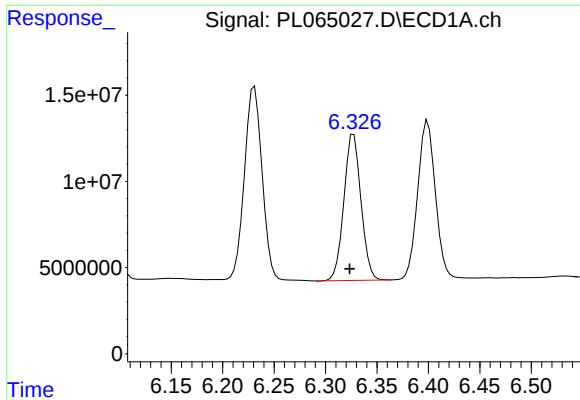
#16 4,4'-DDD

R.T.: 6.089 min  
Delta R.T.: 0.004 min  
Response: 123990451  
Conc: 48.96 ng/ml



#16 4,4'-DDD

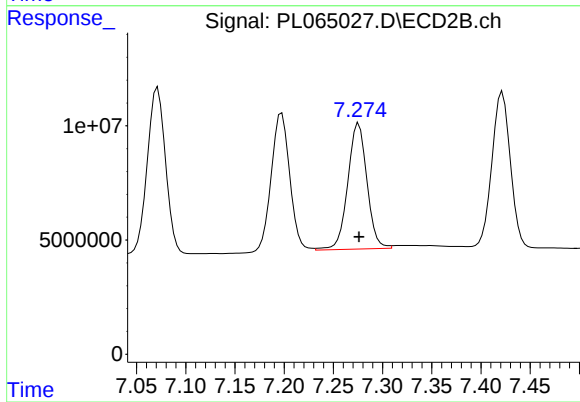
R.T.: 6.976 min  
Delta R.T.: -0.001 min  
Response: 89794657  
Conc: 51.80 ng/ml



#17 4,4'-DDT

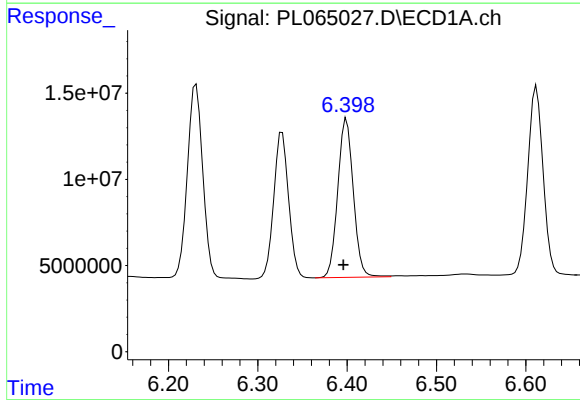
R.T.: 6.327 min  
Delta R.T.: 0.004 min  
Response: 98218322  
Conc: 43.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



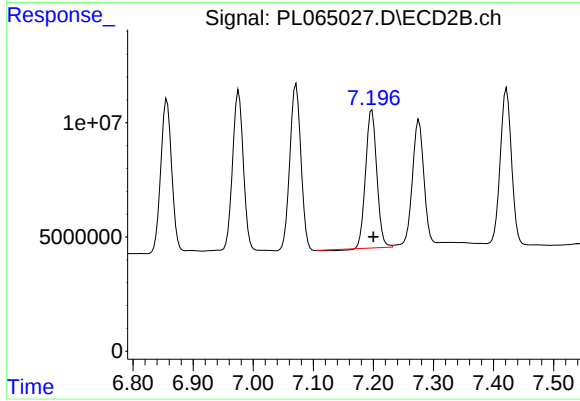
#17 4,4'-DDT

R.T.: 7.276 min  
Delta R.T.: 0.000 min  
Response: 74702036  
Conc: 49.00 ng/ml



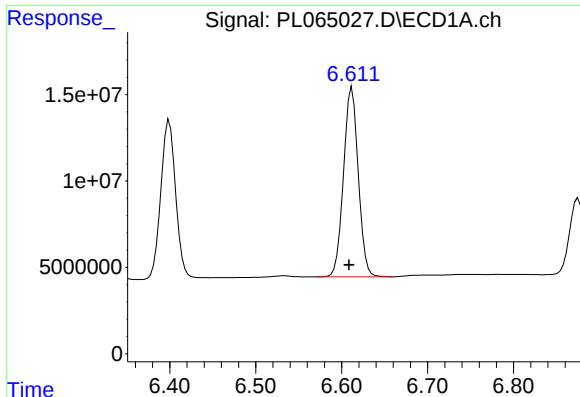
#18 Endrin aldehyde

R.T.: 6.399 min  
Delta R.T.: 0.003 min  
Response: 111464691  
Conc: 45.72 ng/ml



#18 Endrin aldehyde

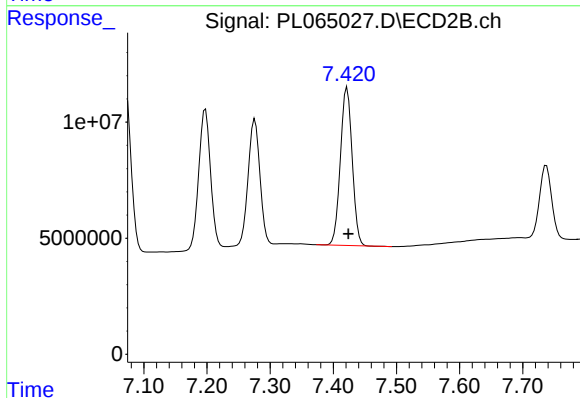
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 77958652  
Conc: 47.88 ng/ml



#19 Endosulfan Sulfate

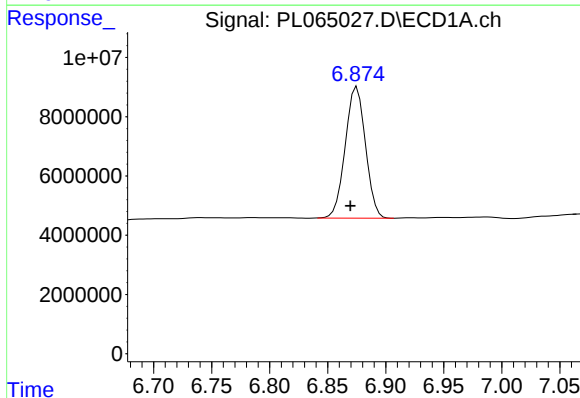
R.T.: 6.612 min  
Delta R.T.: 0.003 min  
Response: 130971377  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



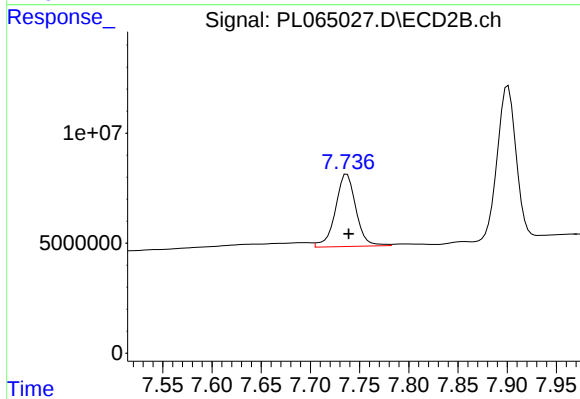
#19 Endosulfan Sulfate

R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 88421841  
Conc: 49.13 ng/ml



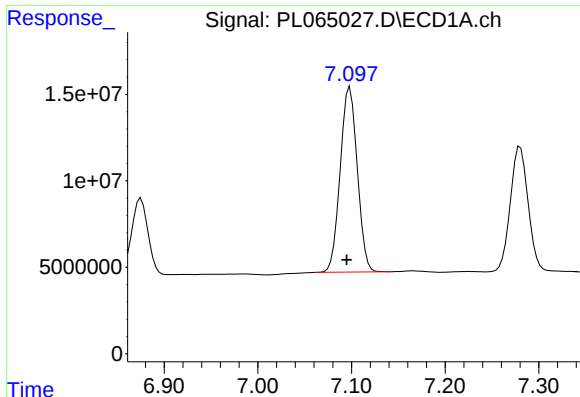
#20 Methoxychlor

R.T.: 6.875 min  
Delta R.T.: 0.006 min  
Response: 53741253  
Conc: 41.50 ng/ml



#20 Methoxychlor

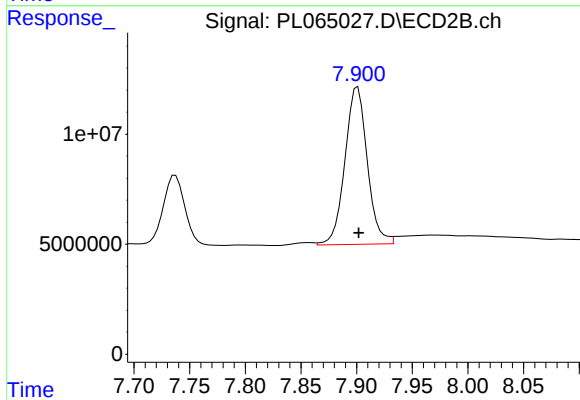
R.T.: 7.737 min  
Delta R.T.: -0.002 min  
Response: 47665332  
Conc: 52.73 ng/ml



#21 Endrin ketone

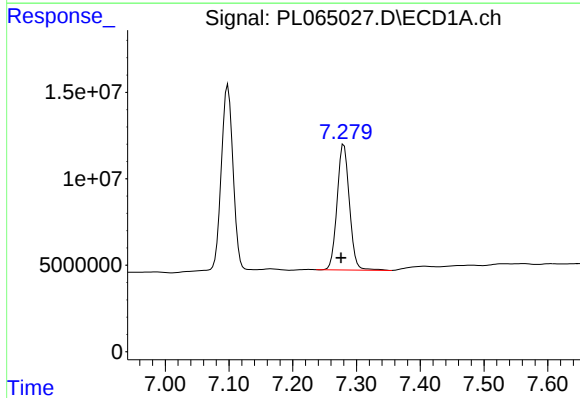
R.T.: 7.098 min  
Delta R.T.: 0.003 min  
Response: 135632018  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



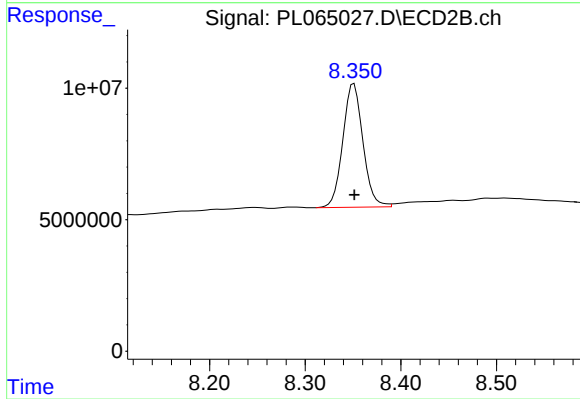
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: -0.001 min  
Response: 100190136  
Conc: 52.41 ng/ml



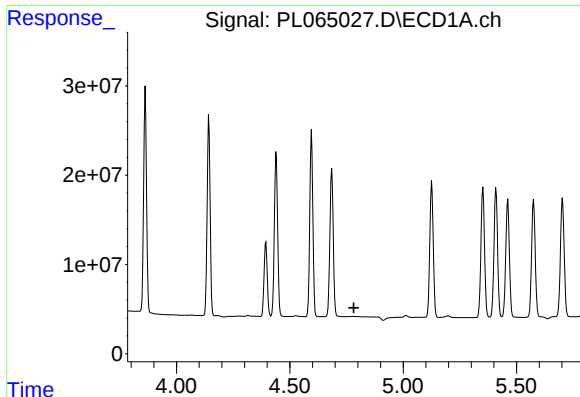
#22 Mirex

R.T.: 7.280 min  
Delta R.T.: 0.004 min  
Response: 97690078  
Conc: 46.23 ng/ml



#22 Mirex

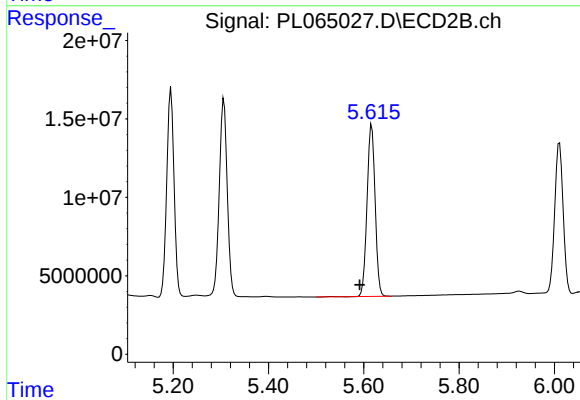
R.T.: 8.351 min  
Delta R.T.: 0.000 min  
Response: 68896429  
Conc: 49.56 ng/ml



#24 Chlordane-2

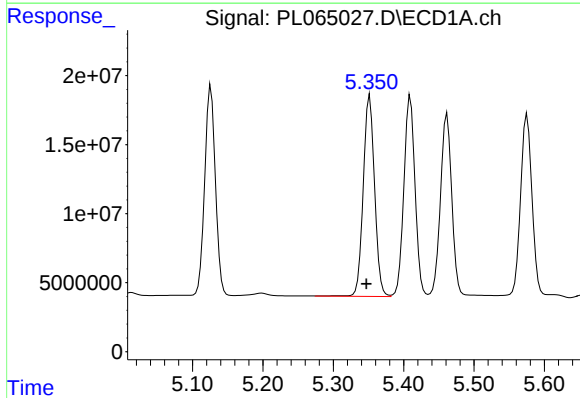
R.T.: 0.000 min  
Exp R.T.: 4.782 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



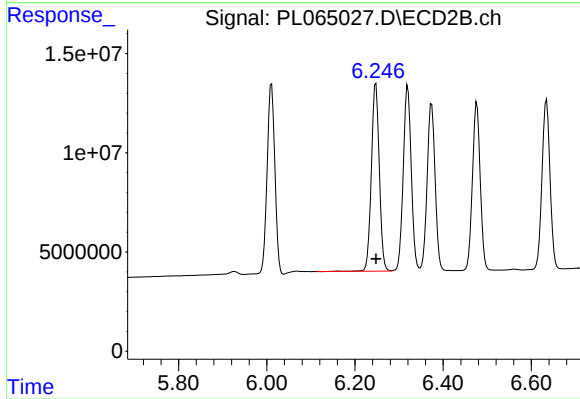
#24 Chlordane-2

R.T.: 5.617 min  
Delta R.T.: 0.025 min  
Response: 128830854  
Conc: 1477.52 ng/ml



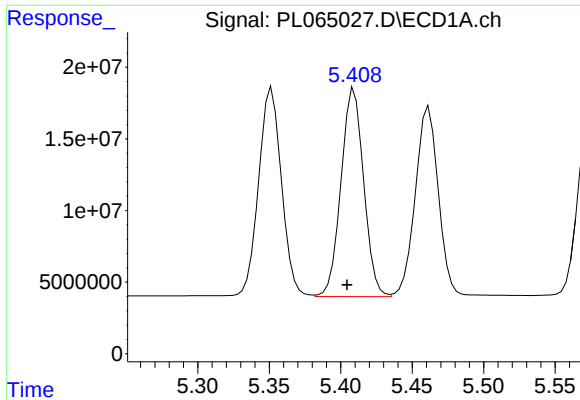
#25 Chlordane-3

R.T.: 5.352 min  
Delta R.T.: 0.005 min  
Response: 163013140  
Conc: 496.06 ng/ml



#25 Chlordane-3

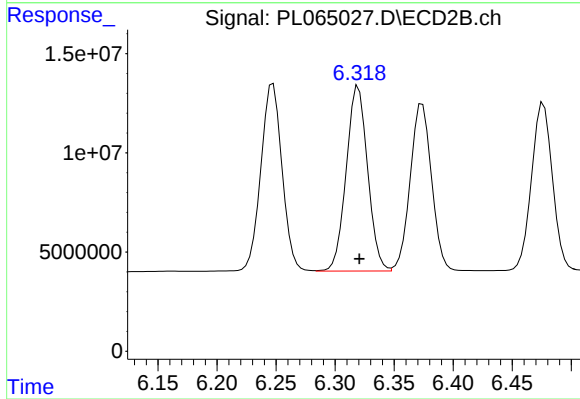
R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 118505496  
Conc: 387.58 ng/ml



#26 Chlordane-4

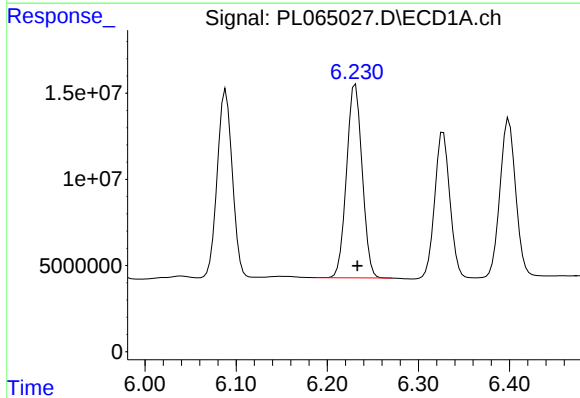
R.T.: 5.409 min  
Delta R.T.: 0.005 min  
Response: 160694959  
Conc: 584.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



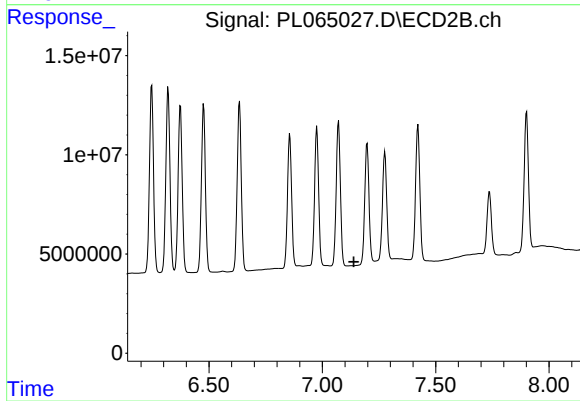
#26 Chlordane-4

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 117660400  
Conc: 317.59 ng/ml



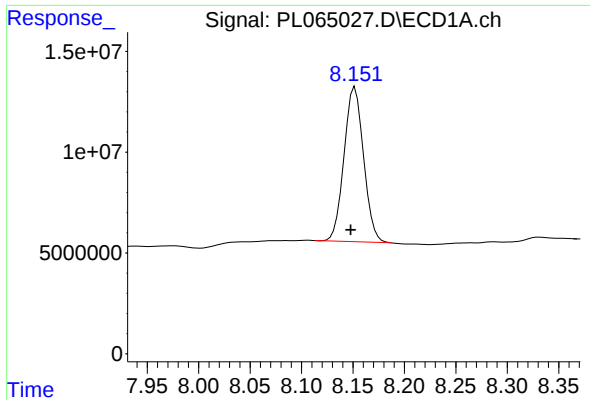
#27 Chlordane-5

R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 133746121  
Conc: 1321.88 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

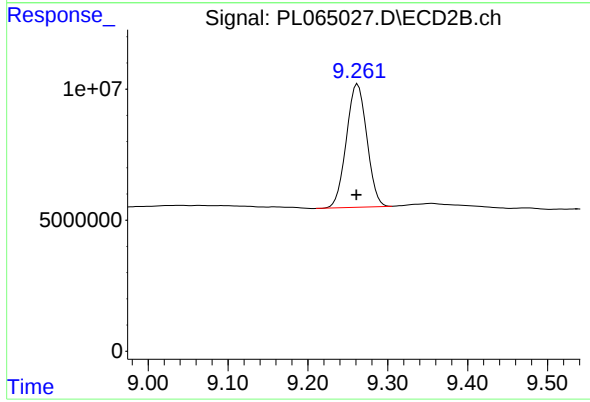
R.T.: 8.152 min

Delta R.T.: 0.004 min

Response: 101268736

Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.262 min

Delta R.T.: 0.002 min

Response: 83984301

Conc: 44.22 ng/ml