

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041521\  
 Data File : PL066195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2021 20:50  
 Operator : AR\AJ  
 Sample : PB135753BS  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 01:38:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 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... | 3.445 | 4.155 | 45949870 | 75844732 | 18.053   | 18.855    |
| 28)                         | SA Decachlor... | 8.170 | 9.354 | 38931960 | 57427753 | 16.322   | 17.584    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.880 | 4.559 | 190.1E6  | 277.8E6  | 46.208   | 47.834    |
| 3)                          | MA gamma-BHC... | 4.160 | 4.853 | 182.1E6  | 251.5E6  | 46.728   | 47.235    |
| 4)                          | MA Heptachlor   | 4.459 | 5.369 | 176.1E6  | 237.3E6  | 42.448   | 42.638    |
| 5)                          | MB Aldrin       | 4.704 | 5.681 | 176.8E6  | 227.8E6  | 45.133   | 45.675    |
| 6)                          | B beta-BHC      | 4.408 | 5.029 | 80266250 | 124.0E6  | 45.546   | 49.497    |
| 7)                          | B delta-BHC     | 4.609 | 5.252 | 190.8E6  | 242.7E6  | 46.258   | 47.207    |
| 8)                          | B Heptachlo...  | 5.143 | 6.076 | 164.7E6  | 199.6E6  | 44.436   | 43.213    |
| 9)                          | A Endosulfan I  | 5.477 | 6.440 | 166.0E6  | 189.4E6  | 46.361   | 45.263    |
| 10)                         | B gamma-Chl...  | 5.368 | 6.313 | 173.0E6  | 201.4E6  | 46.720   | 44.119    |
| 11)                         | B alpha-Chl...  | 5.425 | 6.386 | 169.0E6  | 200.3E6  | 45.620   | 44.306    |
| 12)                         | B 4,4'-DDE      | 5.591 | 6.541 | 172.0E6  | 187.6E6  | 46.110   | 45.329    |
| 13)                         | MA Dieldrin     | 5.718 | 6.702 | 189.0E6  | 188.2E6  | 46.647   | 45.042    |
| 14)                         | MA Endrin       | 5.972 | 6.924 | 122.7E6  | 121.5E6  | 35.184   | 37.609    |
| 15)                         | B Endosulfa...  | 6.242 | 7.138 | 148.2E6  | 148.5E6  | 45.134   | 42.588    |
| 16)                         | A 4,4'-DDD      | 6.102 | 7.040 | 150.6E6  | 156.6E6  | 45.734   | 45.761    |
| 17)                         | MA 4,4'-DDT     | 6.342 | 7.342 | 115.8E6  | 112.5E6  | 36.343   | 33.148    |
| 18)                         | B Endrin al...  | 6.410 | 7.263 | 128.0E6  | 135.2E6  | 49.665   | 48.320    |
| 19)                         | B Endosulfa...  | 6.623 | 7.488 | 148.8E6  | 151.2E6  | 43.275   | 42.810    |
| 20)                         | A Methoxychlor  | 6.887 | 7.802 | 60320653 | 58604537 | 33.317   | 32.706    |
| 21)                         | B Endrin ke...  | 7.107 | 7.969 | 162.8E6  | 166.0E6  | 44.270   | 45.132    |
| 22)                         | Mirex           | 7.297 | 8.424 | 116.3E6  | 119.8E6  | 40.662   | 42.314    |
| 25)                         | Chlordane-3     | 5.368 | 6.313 | 173.0E6  | 201.4E6  | 475.952  | 306.232 # |
| 26)                         | Chlordane-4     | 5.425 | 6.386 | 169.0E6  | 200.3E6  | 535.528  | 254.933 # |
| 27)                         | Chlordane-5     | 6.242 | 0.000 | 148.2E6  | 0        | 1048.896 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

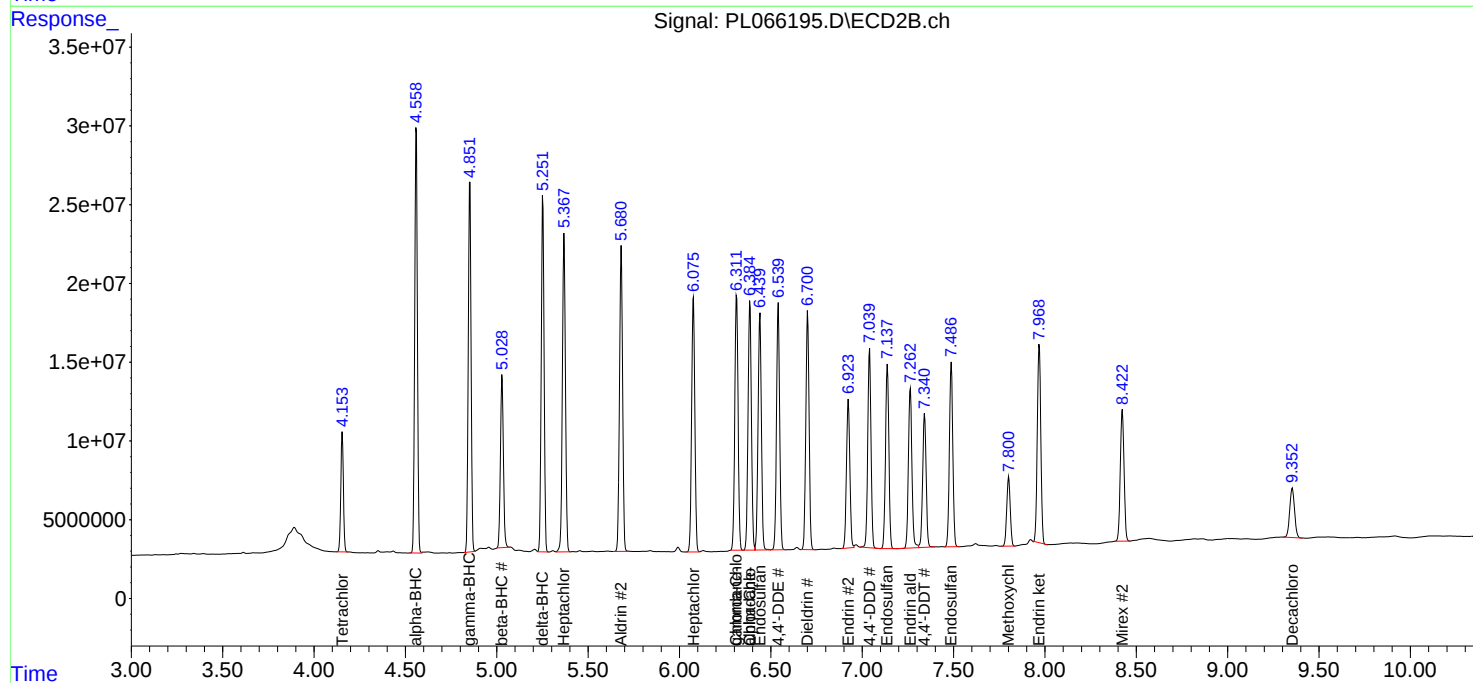
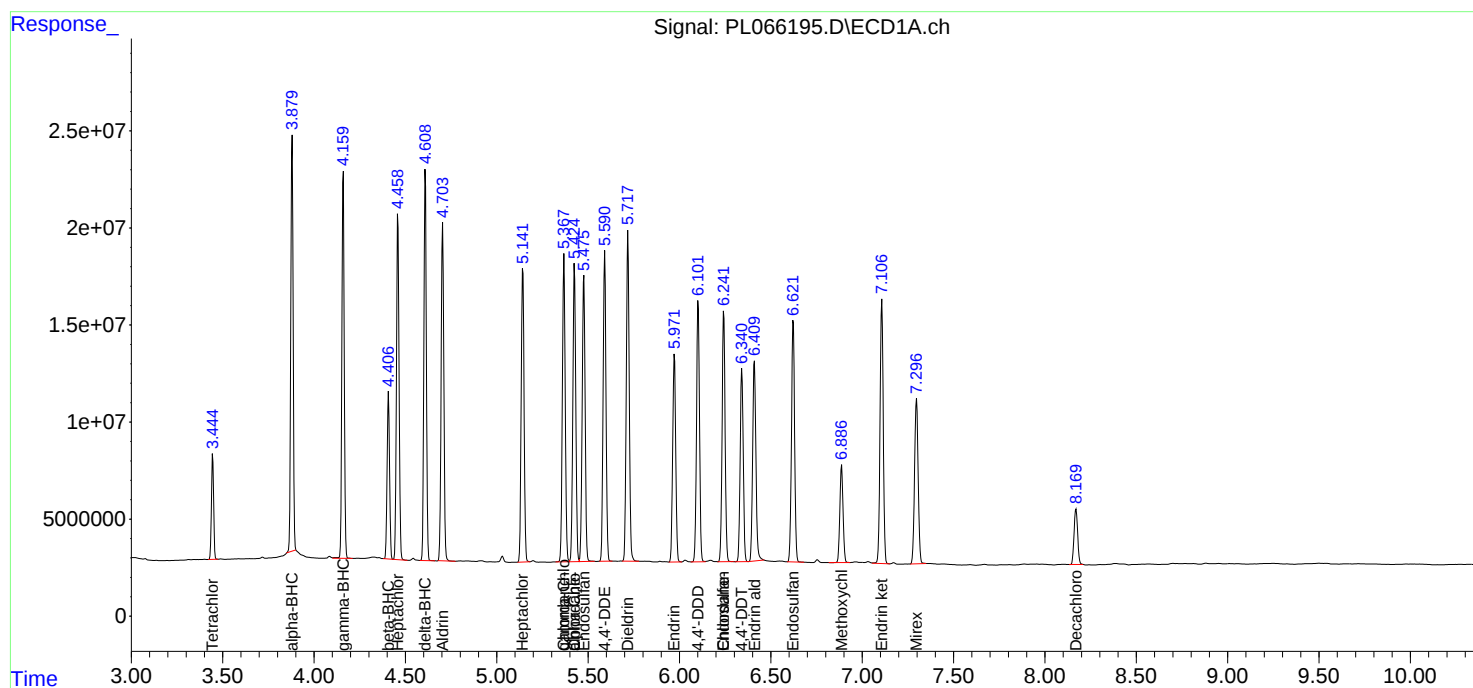
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

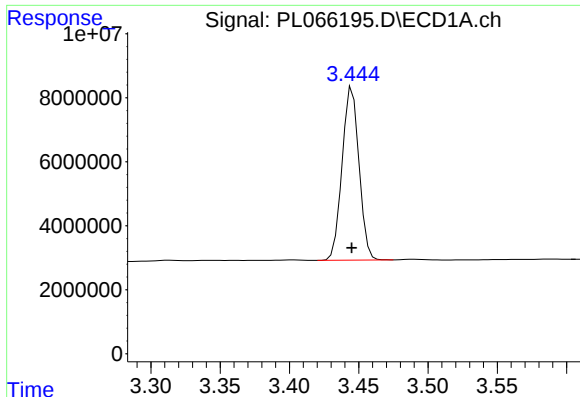
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041521\  
Data File : PL066195.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2021 20:50  
Operator : AR\AJ  
Sample : PB135753BS  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 01:38:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 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

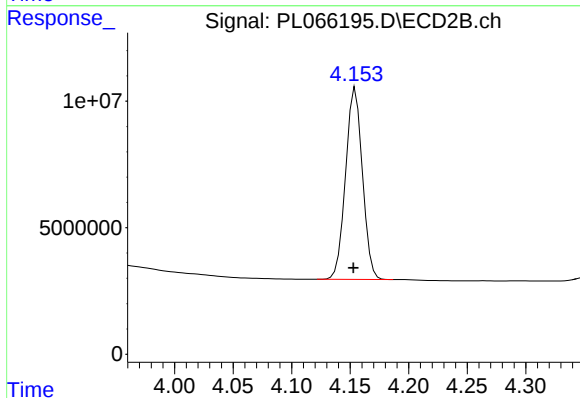




#1 Tetrachloro-m-xylene

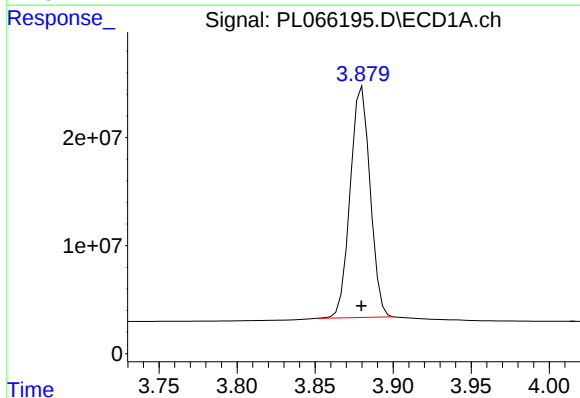
R.T.: 3.445 min  
Delta R.T.: 0.000 min  
Response: 45949870  
Conc: 18.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



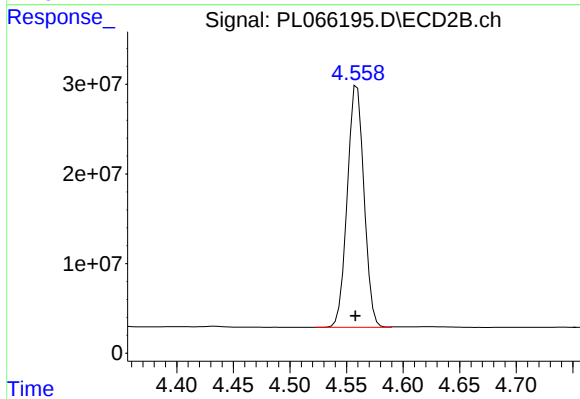
#1 Tetrachloro-m-xylene

R.T.: 4.155 min  
Delta R.T.: 0.002 min  
Response: 75844732  
Conc: 18.85 ng/ml



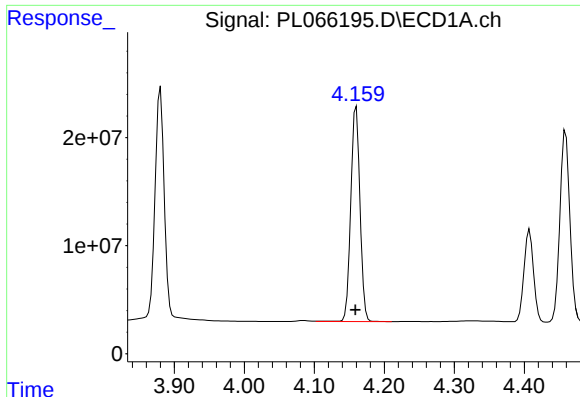
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.000 min  
Response: 190135740  
Conc: 46.21 ng/ml



#2 alpha-BHC

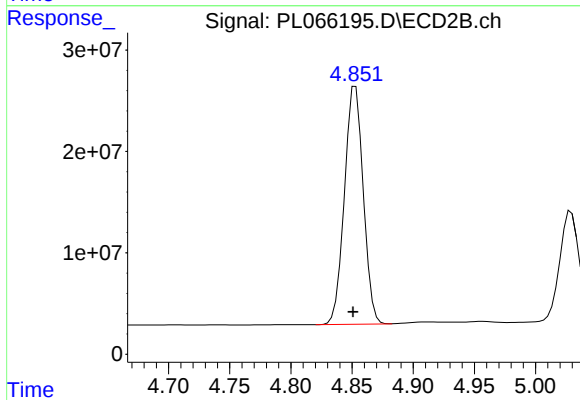
R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 277765994  
Conc: 47.83 ng/ml



#3 gamma-BHC (Lindane)

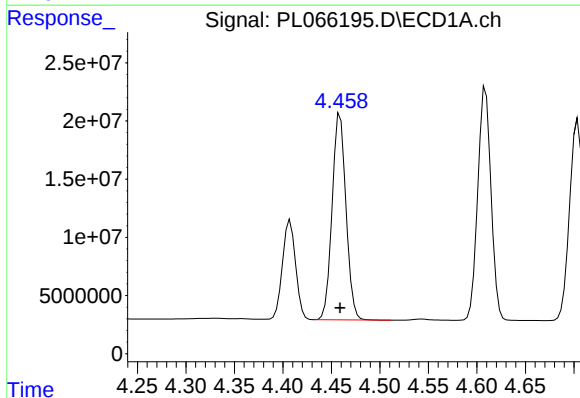
R.T.: 4.160 min  
Delta R.T.: 0.001 min  
Response: 182094930  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



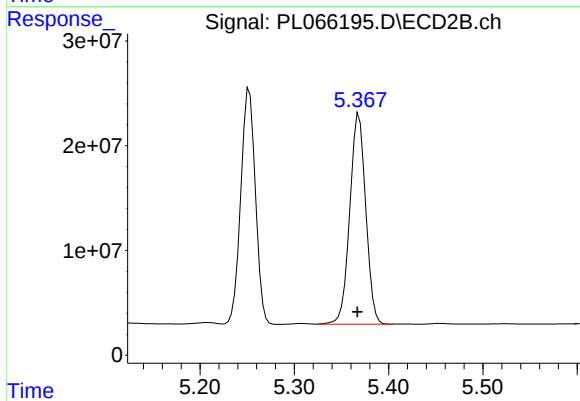
#3 gamma-BHC (Lindane)

R.T.: 4.853 min  
Delta R.T.: 0.002 min  
Response: 251469713  
Conc: 47.23 ng/ml



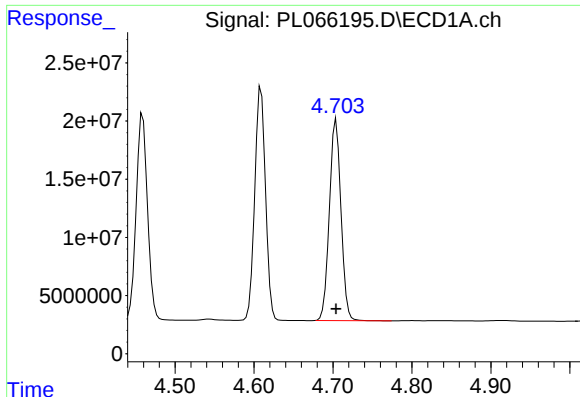
#4 Heptachlor

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 176068788  
Conc: 42.45 ng/ml



#4 Heptachlor

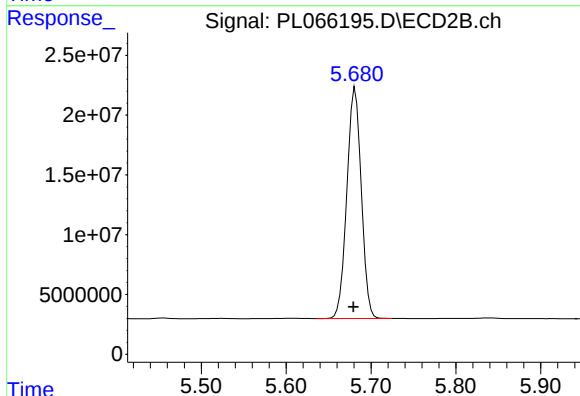
R.T.: 5.369 min  
Delta R.T.: 0.002 min  
Response: 237320537  
Conc: 42.64 ng/ml



#5 Aldrin

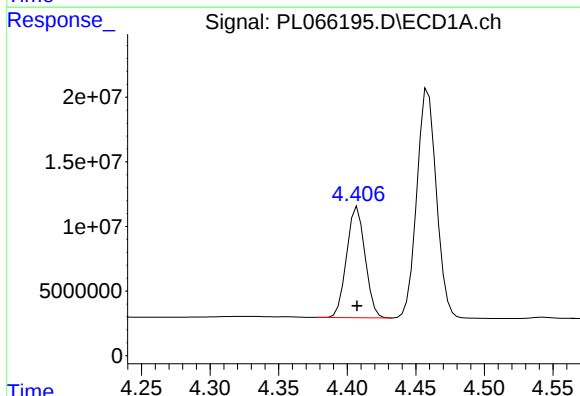
R.T.: 4.704 min  
Delta R.T.: 0.000 min  
Response: 176752289  
Conc: 45.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



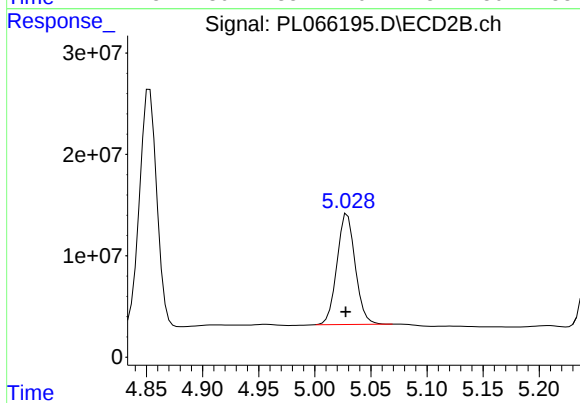
#5 Aldrin

R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 227847112  
Conc: 45.68 ng/ml



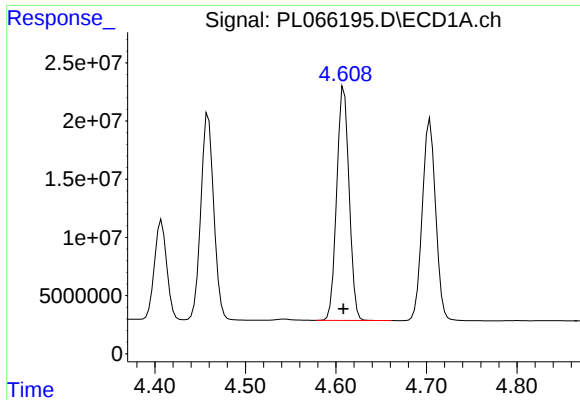
#6 beta-BHC

R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 80266250  
Conc: 45.55 ng/ml



#6 beta-BHC

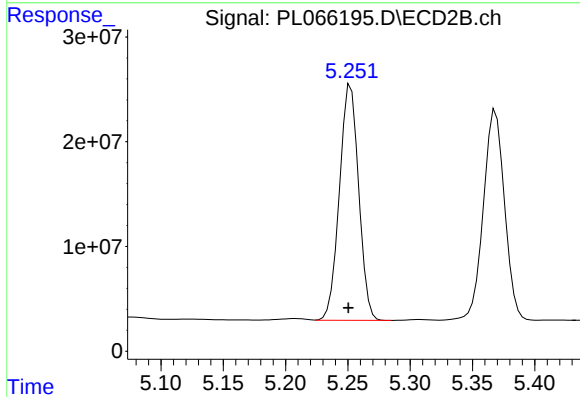
R.T.: 5.029 min  
Delta R.T.: 0.001 min  
Response: 123993375  
Conc: 49.50 ng/ml



#7 delta-BHC

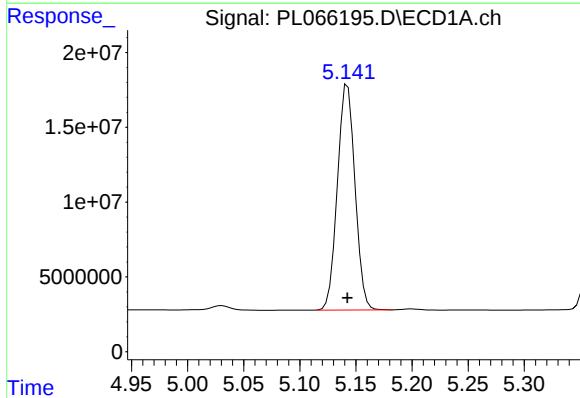
R.T.: 4.609 min  
Delta R.T.: 0.000 min  
Response: 190819302  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



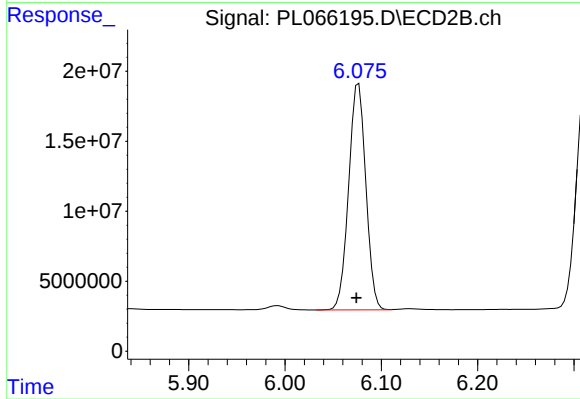
#7 delta-BHC

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 242749431  
Conc: 47.21 ng/ml



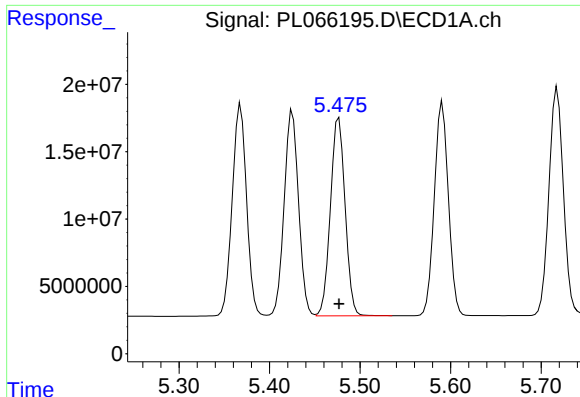
#8 Heptachlor epoxide

R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 164654798  
Conc: 44.44 ng/ml



#8 Heptachlor epoxide

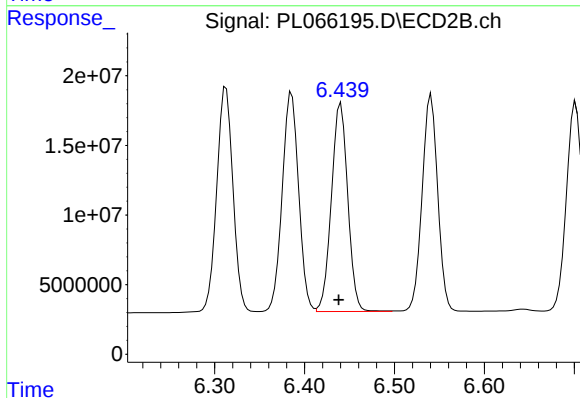
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 199597029  
Conc: 43.21 ng/ml



#9 Endosulfan I

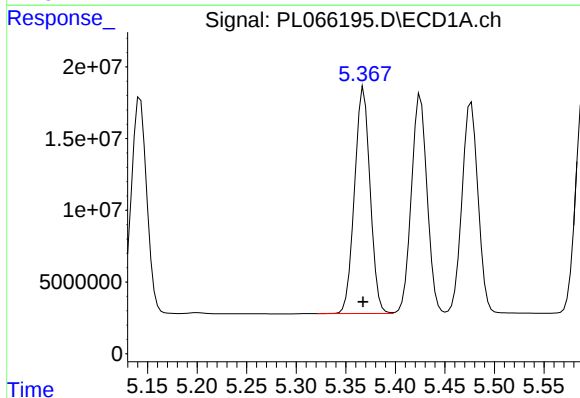
R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 165998639  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



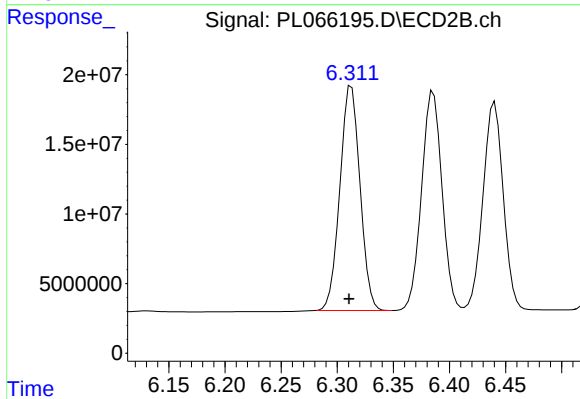
#9 Endosulfan I

R.T.: 6.440 min  
Delta R.T.: 0.002 min  
Response: 189403143  
Conc: 45.26 ng/ml



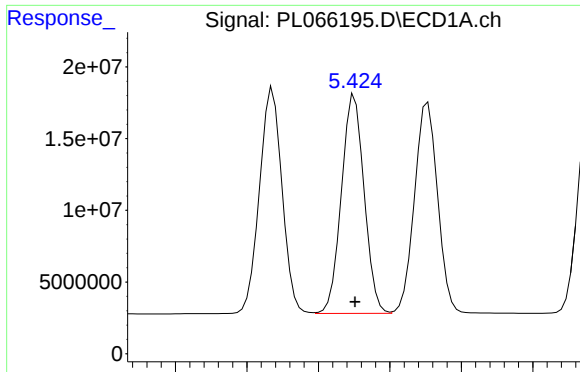
#10 gamma-Chlordane

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 172987839  
Conc: 46.72 ng/ml



#10 gamma-Chlordane

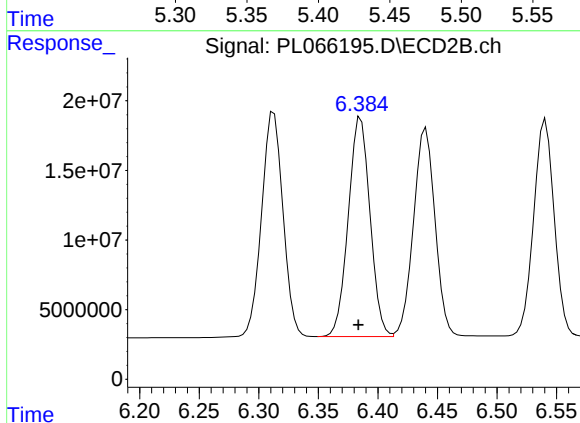
R.T.: 6.313 min  
Delta R.T.: 0.002 min  
Response: 201356927  
Conc: 44.12 ng/ml



#11 alpha-Chlordane

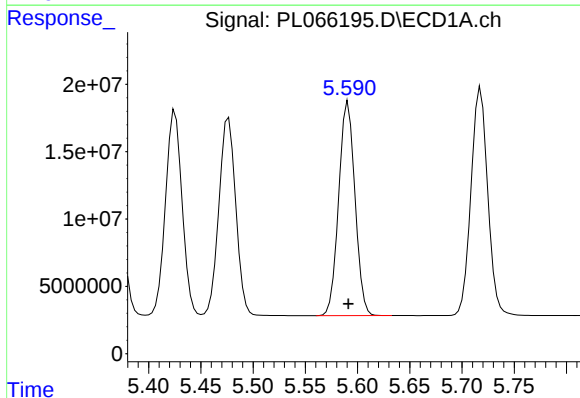
R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 168965548  
Conc: 45.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



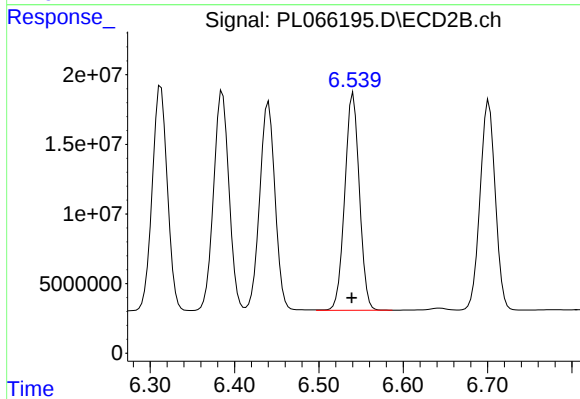
#11 alpha-Chlordane

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 200260921  
Conc: 44.31 ng/ml



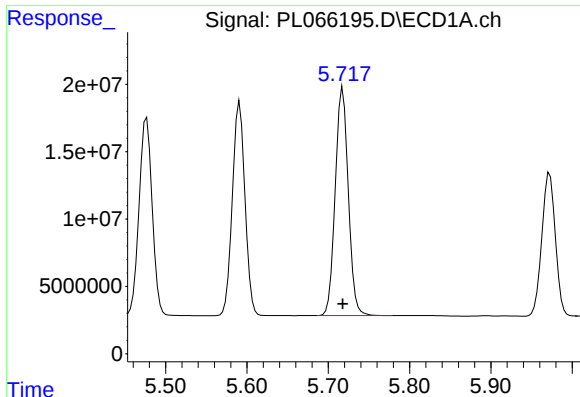
#12 4,4'-DDE

R.T.: 5.591 min  
Delta R.T.: 0.000 min  
Response: 171996365  
Conc: 46.11 ng/ml



#12 4,4'-DDE

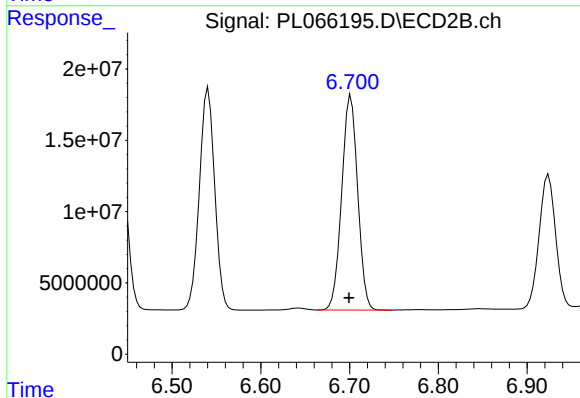
R.T.: 6.541 min  
Delta R.T.: 0.002 min  
Response: 187621843  
Conc: 45.33 ng/ml



#13 Dieldrin

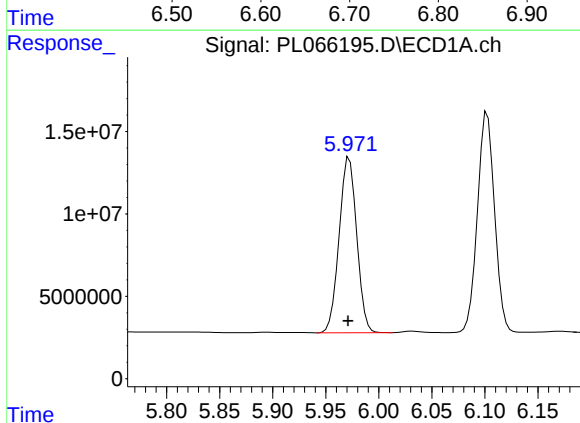
R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 188972884  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



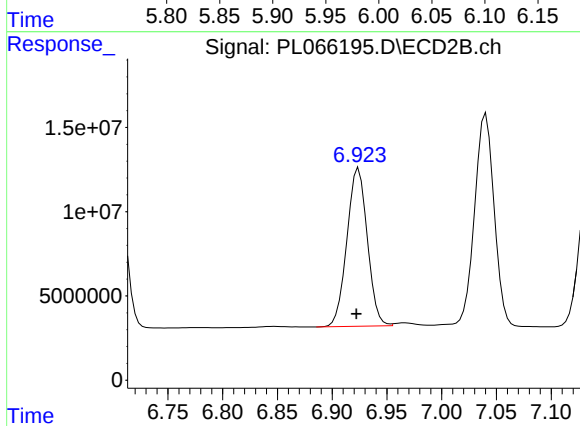
#13 Dieldrin

R.T.: 6.702 min  
Delta R.T.: 0.002 min  
Response: 188197323  
Conc: 45.04 ng/ml



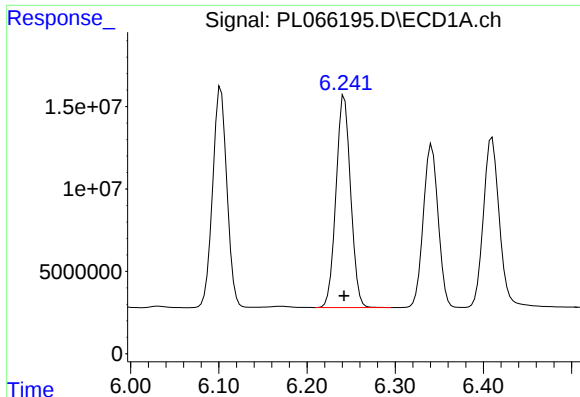
#14 Endrin

R.T.: 5.972 min  
Delta R.T.: 0.001 min  
Response: 122676066  
Conc: 35.18 ng/ml



#14 Endrin

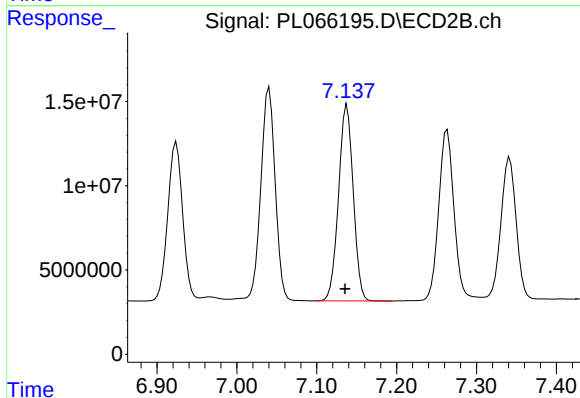
R.T.: 6.924 min  
Delta R.T.: 0.002 min  
Response: 121536252  
Conc: 37.61 ng/ml



#15 Endosulfan II

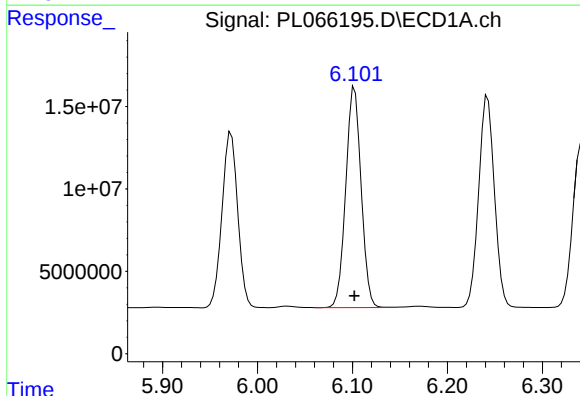
R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 148189803  
Conc: 45.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



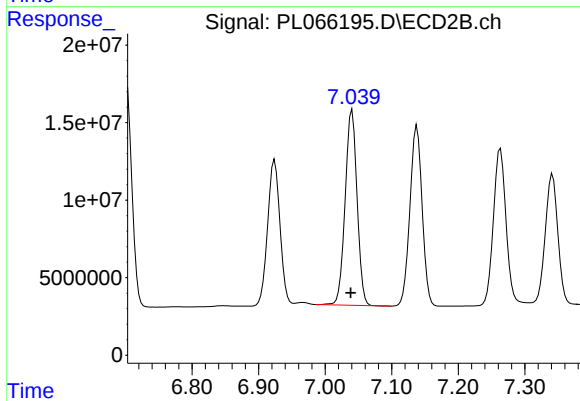
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: 0.003 min  
Response: 148460620  
Conc: 42.59 ng/ml



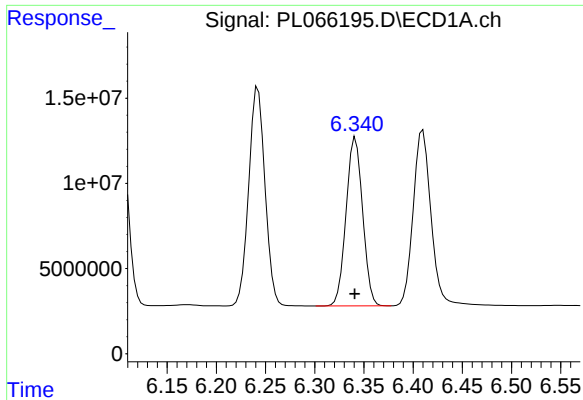
#16 4,4'-DDD

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 150602404  
Conc: 45.73 ng/ml



#16 4,4'-DDD

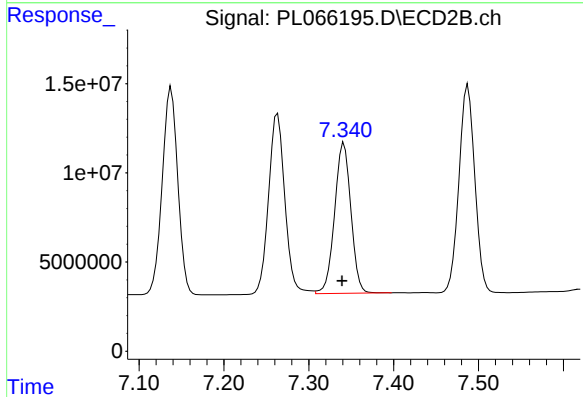
R.T.: 7.040 min  
Delta R.T.: 0.002 min  
Response: 156602297  
Conc: 45.76 ng/ml



#17 4,4'-DDT

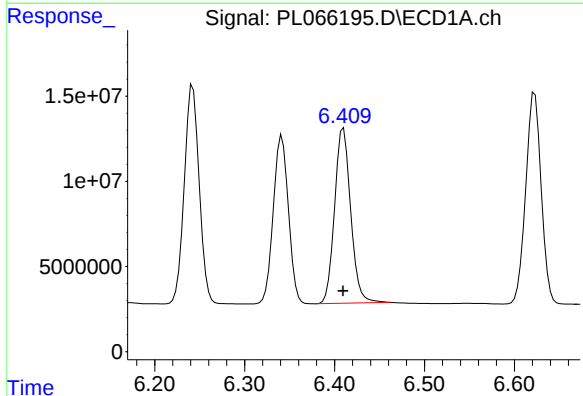
R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 115836693  
Conc: 36.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



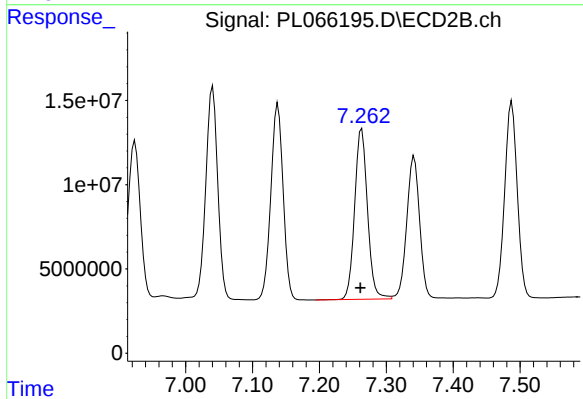
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: 0.002 min  
Response: 112450966  
Conc: 33.15 ng/ml



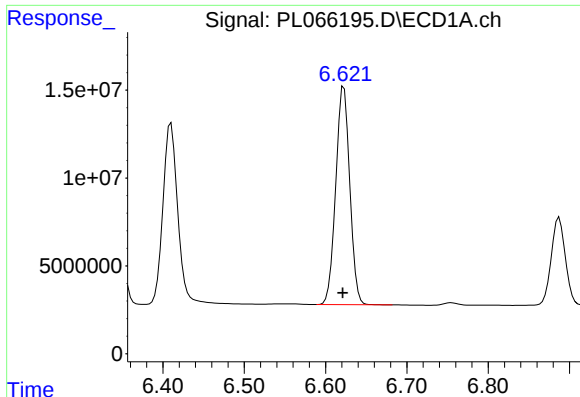
#18 Endrin aldehyde

R.T.: 6.410 min  
Delta R.T.: 0.000 min  
Response: 128039632  
Conc: 49.66 ng/ml



#18 Endrin aldehyde

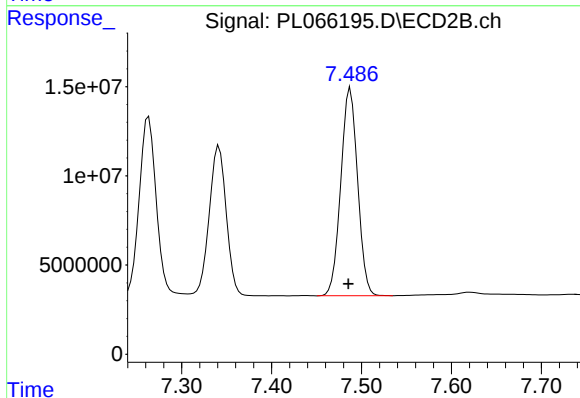
R.T.: 7.263 min  
Delta R.T.: 0.002 min  
Response: 135155325  
Conc: 48.32 ng/ml



#19 Endosulfan Sulfate

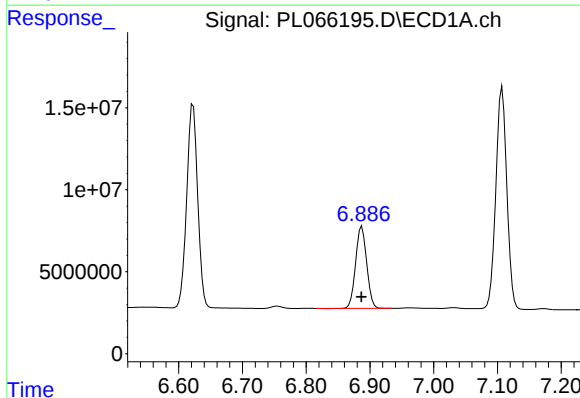
R.T.: 6.623 min  
Delta R.T.: 0.001 min  
Response: 148771608  
Conc: 43.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



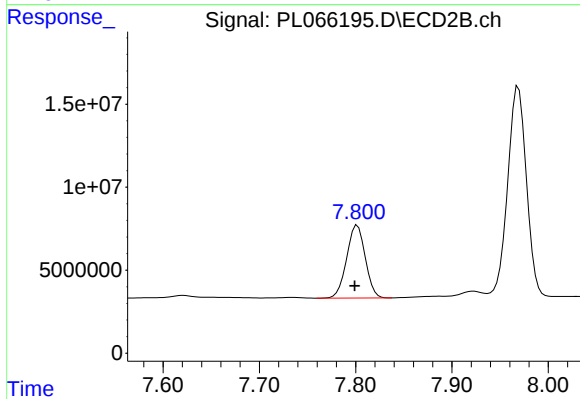
#19 Endosulfan Sulfate

R.T.: 7.488 min  
Delta R.T.: 0.002 min  
Response: 151239845  
Conc: 42.81 ng/ml



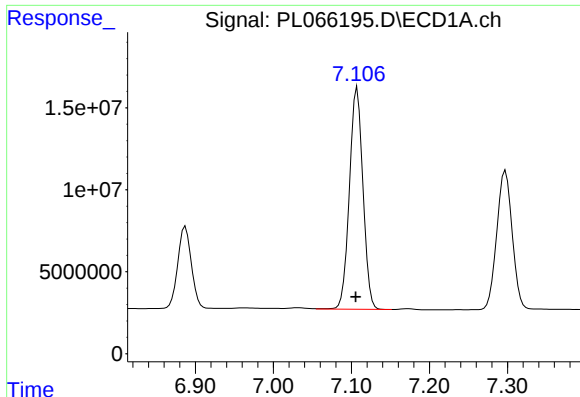
#20 Methoxychlor

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 60320653  
Conc: 33.32 ng/ml



#20 Methoxychlor

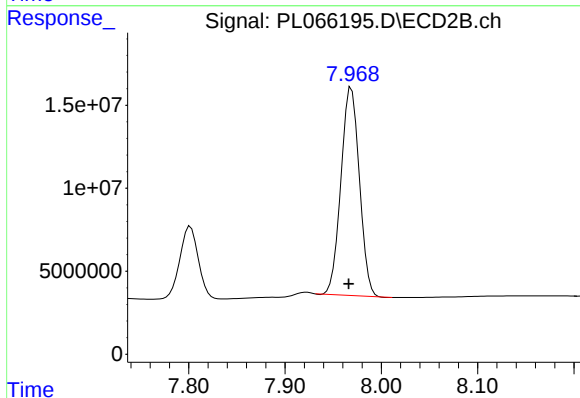
R.T.: 7.802 min  
Delta R.T.: 0.003 min  
Response: 58604537  
Conc: 32.71 ng/ml



#21 Endrin ketone

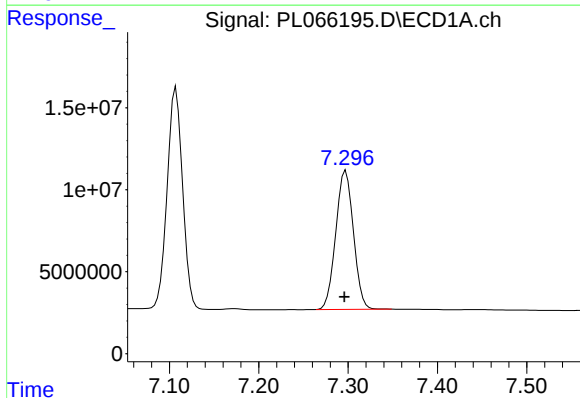
R.T.: 7.107 min  
Delta R.T.: 0.002 min  
Response: 162773638  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



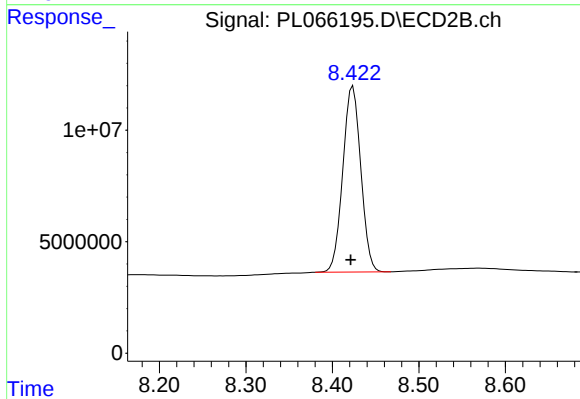
#21 Endrin ketone

R.T.: 7.969 min  
Delta R.T.: 0.003 min  
Response: 166028516  
Conc: 45.13 ng/ml



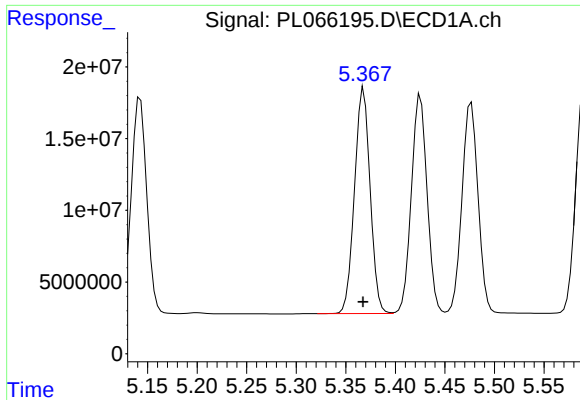
#22 Mirex

R.T.: 7.297 min  
Delta R.T.: 0.002 min  
Response: 116292614  
Conc: 40.66 ng/ml



#22 Mirex

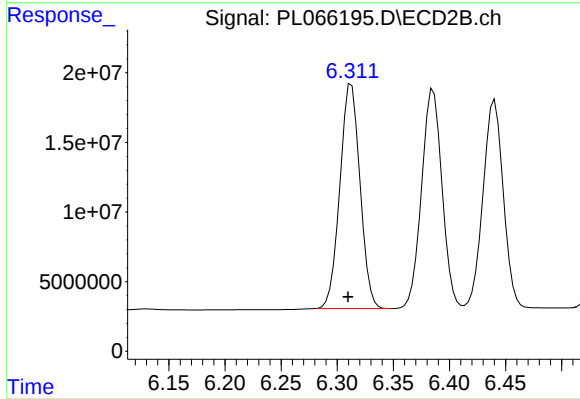
R.T.: 8.424 min  
Delta R.T.: 0.002 min  
Response: 119775856  
Conc: 42.31 ng/ml



#25 Chlordane-3

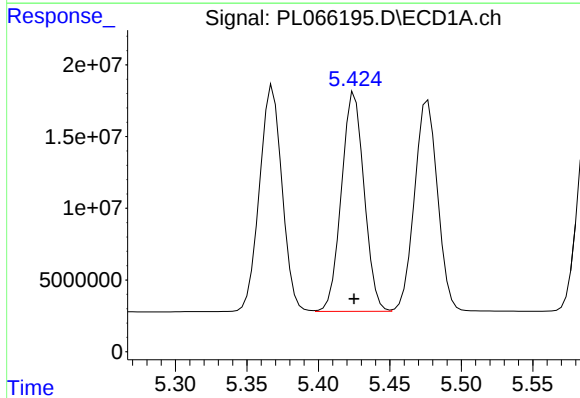
R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 172987839  
Conc: 475.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



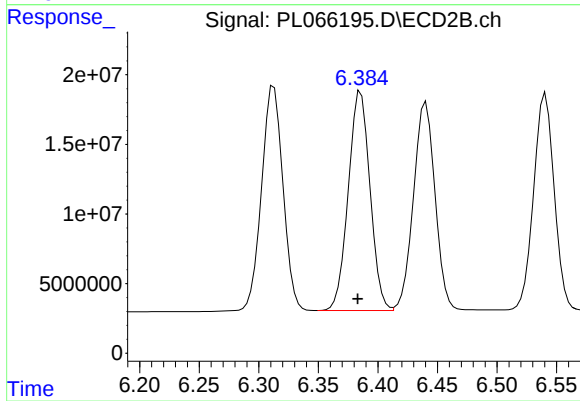
#25 Chlordane-3

R.T.: 6.313 min  
Delta R.T.: 0.003 min  
Response: 201356927  
Conc: 306.23 ng/ml



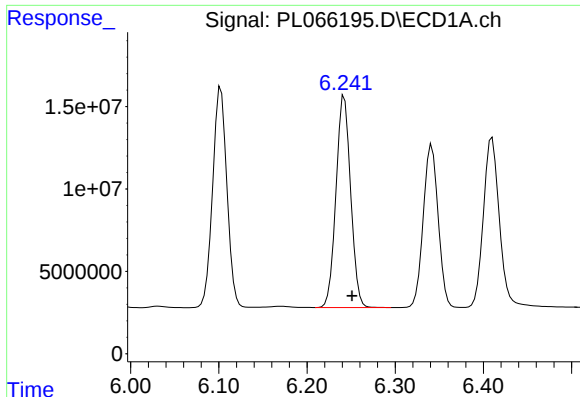
#26 Chlordane-4

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 168965548  
Conc: 535.53 ng/ml



#26 Chlordane-4

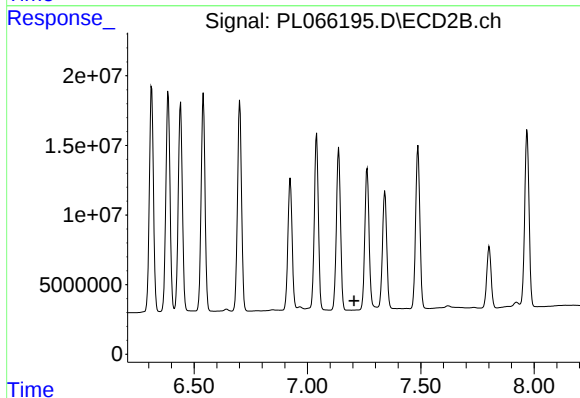
R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 200260921  
Conc: 254.93 ng/ml



#27 Chlordane-5

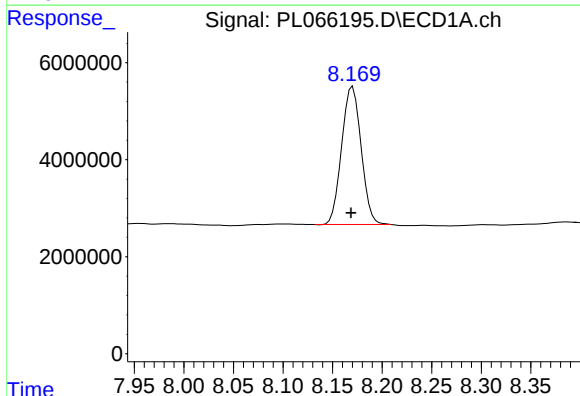
R.T.: 6.242 min  
Delta R.T.: -0.008 min  
Response: 148189803  
Conc: 1048.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



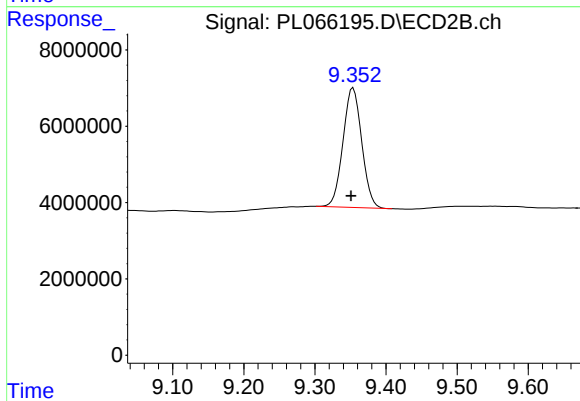
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.206 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.170 min  
Delta R.T.: 0.002 min  
Response: 38931960  
Conc: 16.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.354 min  
Delta R.T.: 0.003 min  
Response: 57427753  
Conc: 17.58 ng/ml