

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042121\  
 Data File : PL066404.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2021 18:03  
 Operator : AR\AJ  
 Sample : M2110-02MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 06:04:47 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... | 3.444 | 4.154 | 45403752 | 74190844 | 17.838   | 18.444    |
| 28)                         | SA Decachlor... | 8.167 | 9.355 | 36107748 | 50640863 | 15.138   | 15.506    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879 | 4.559 | 195.6E6  | 295.1E6  | 47.531   | 50.822    |
| 3)                          | MA gamma-BHC... | 4.159 | 4.852 | 185.8E6  | 274.8E6  | 47.669   | 51.623    |
| 4)                          | MA Heptachlor   | 4.458 | 5.369 | 188.7E6  | 271.7E6  | 45.500   | 48.822    |
| 5)                          | MB Aldrin       | 4.703 | 5.681 | 185.4E6  | 243.3E6  | 47.336   | 48.774    |
| 6)                          | B beta-BHC      | 4.407 | 5.029 | 82676578 | 136.7E6  | 46.914   | 55.075    |
| 7)                          | B delta-BHC     | 4.608 | 5.252 | 200.9E6  | 268.0E6  | 48.710   | 52.109    |
| 8)                          | B Heptachlo...  | 5.142 | 6.076 | 178.6E6  | 216.8E6  | 48.193   | 46.941    |
| 9)                          | A Endosulfan I  | 5.476 | 6.440 | 170.2E6  | 199.4E6  | 47.529   | 47.662    |
| 10)                         | B gamma-Chl...  | 5.367 | 6.312 | 182.8E6  | 218.4E6  | 49.374   | 47.856    |
| 11)                         | B alpha-Chl...  | 5.425 | 6.386 | 178.9E6  | 214.7E6  | 48.305   | 47.505    |
| 12)                         | B 4,4'-DDE      | 5.590 | 6.541 | 174.4E6  | 202.4E6  | 46.759   | 48.898    |
| 13)                         | MA Dieldrin     | 5.716 | 6.701 | 187.6E6  | 206.5E6  | 46.301   | 49.427    |
| 14)                         | MA Endrin       | 5.970 | 6.924 | 164.8E6  | 152.6E6  | 47.255   | 47.221    |
| 15)                         | B Endosulfa...  | 6.241 | 7.138 | 162.5E6  | 174.0E6  | 49.494   | 49.903    |
| 16)                         | A 4,4'-DDD      | 6.101 | 7.040 | 159.0E6  | 170.8E6  | 48.278   | 49.908    |
| 17)                         | MA 4,4'-DDT     | 6.340 | 7.341 | 136.5E6  | 135.8E6  | 42.819   | 40.034    |
| 18)                         | B Endrin al...  | 6.409 | 7.263 | 132.7E6  | 149.3E6  | 51.473   | 53.375    |
| 19)                         | B Endosulfa...  | 6.620 | 7.488 | 168.7E6  | 165.8E6  | 49.059   | 46.923    |
| 20)                         | A Methoxychlor  | 6.885 | 7.802 | 79298140 | 71170835 | 43.799   | 39.718    |
| 21)                         | B Endrin ke...  | 7.106 | 7.969 | 172.1E6  | 176.7E6  | 46.807   | 48.039    |
| 22)                         | Mirex           | 7.294 | 8.424 | 125.9E6  | 129.8E6  | 44.006   | 45.841    |
| 23)                         | Chlordane-1     | 4.312 | 0.000 | 373661   | 0        | 3.269    | N.D. #    |
| 25)                         | Chlordane-3     | 5.367 | 6.312 | 182.8E6  | 218.4E6  | 502.990  | 332.167 # |
| 26)                         | Chlordane-4     | 5.425 | 6.386 | 178.9E6  | 214.7E6  | 567.046  | 273.335 # |
| 27)                         | Chlordane-5     | 6.241 | 0.000 | 162.5E6  | 0        | 1150.223 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

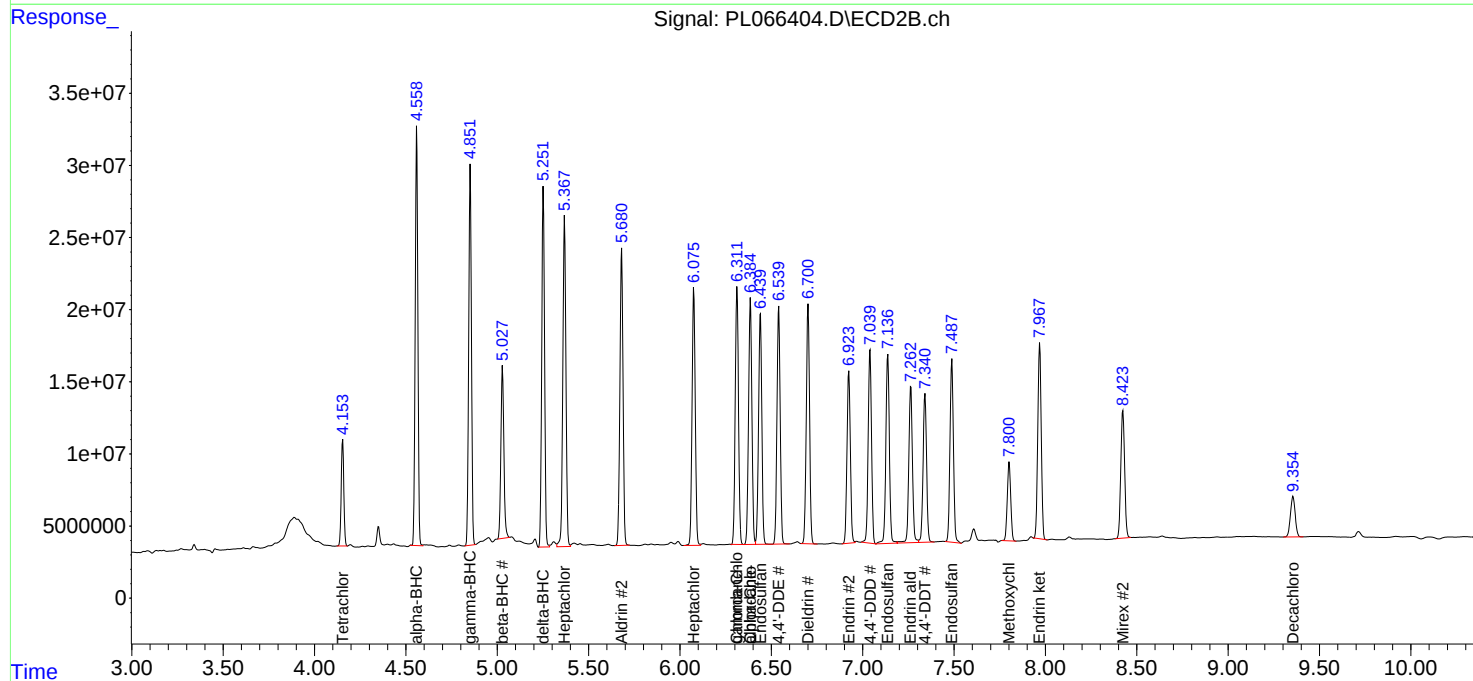
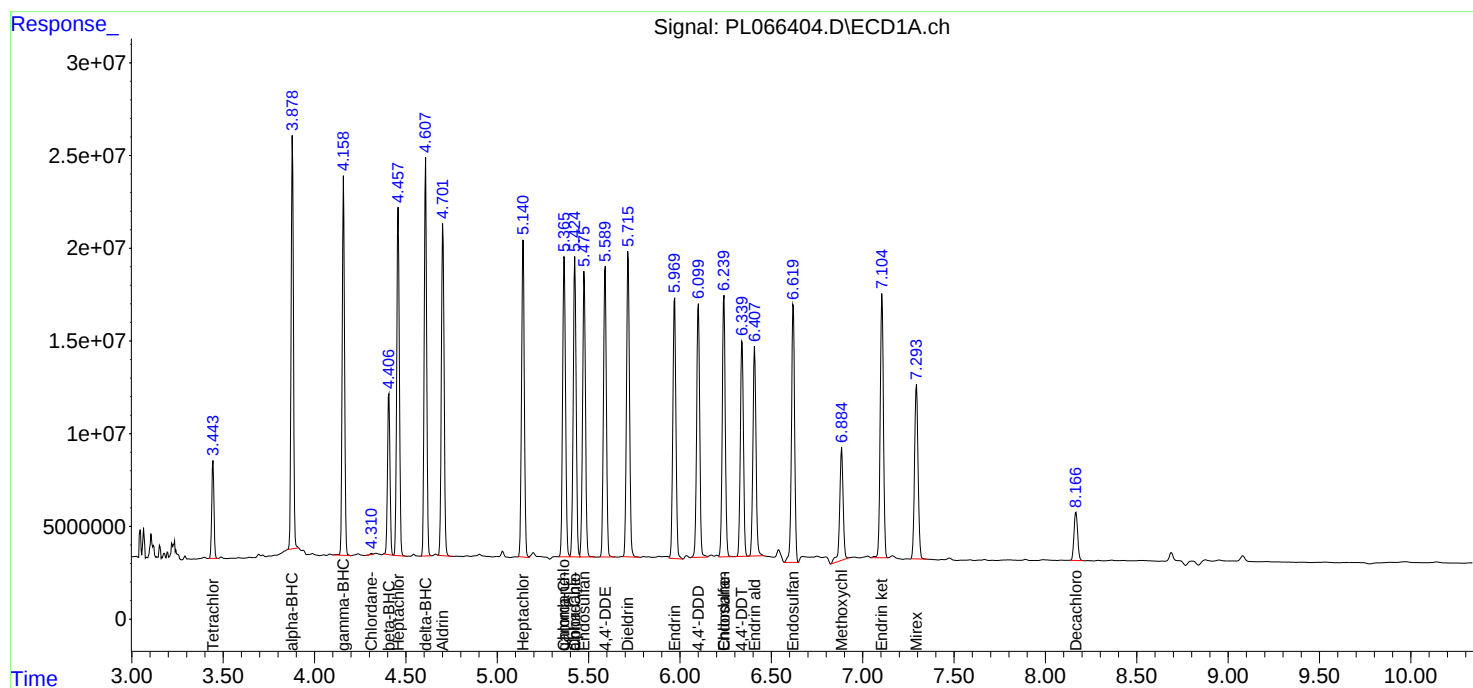
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

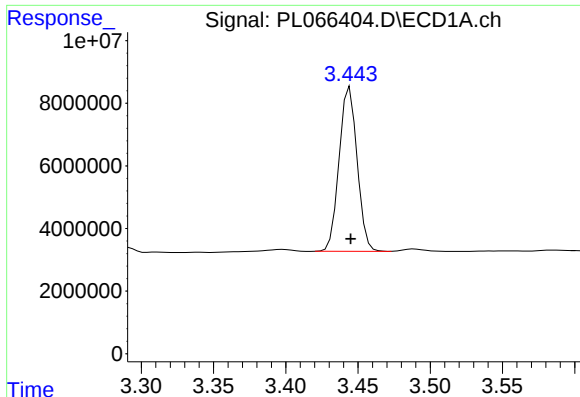
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042121\  
Data File : PL066404.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2021 18:03  
Operator : AR\AJ  
Sample : M2110-02MS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 06:04:47 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

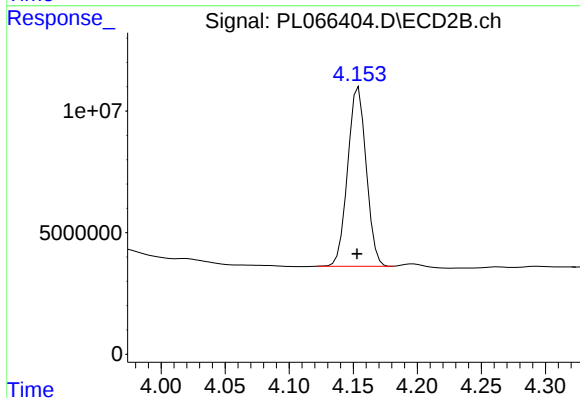




#1 Tetrachloro-m-xylene

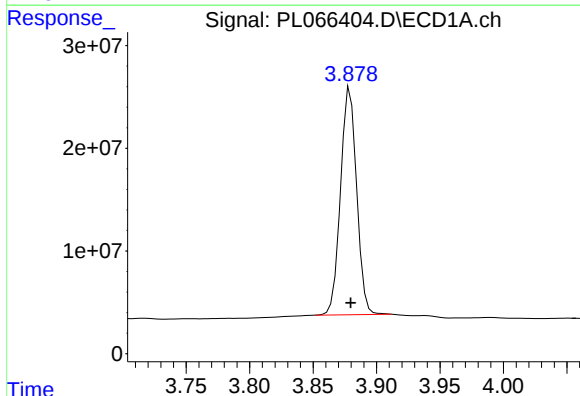
R.T.: 3.444 min  
Delta R.T.: 0.000 min  
Response: 45403752  
Conc: 17.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



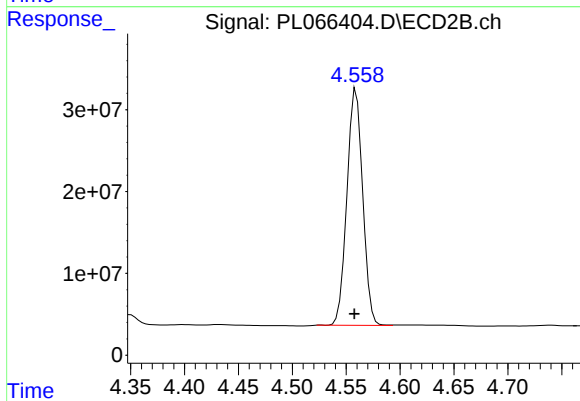
#1 Tetrachloro-m-xylene

R.T.: 4.154 min  
Delta R.T.: 0.001 min  
Response: 74190844  
Conc: 18.44 ng/ml



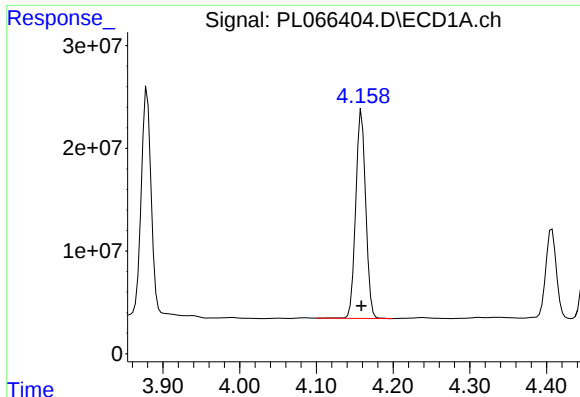
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 195579273  
Conc: 47.53 ng/ml



#2 alpha-BHC

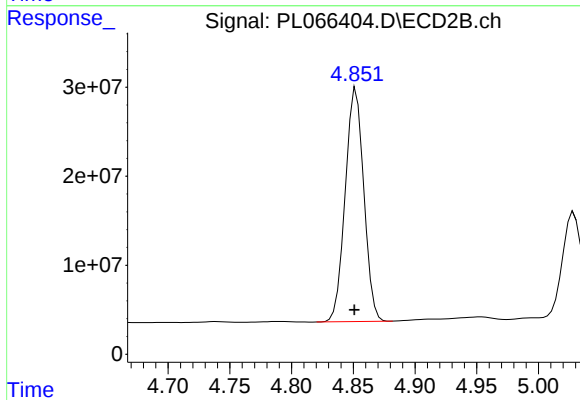
R.T.: 4.559 min  
Delta R.T.: 0.002 min  
Response: 295116791  
Conc: 50.82 ng/ml



#3 gamma-BHC (Lindane)

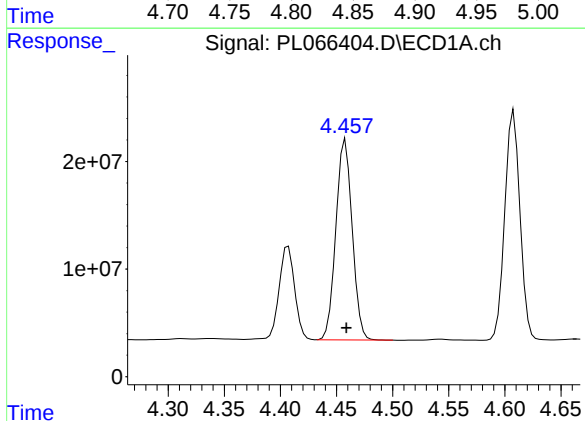
R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 185759822  
Conc: 47.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



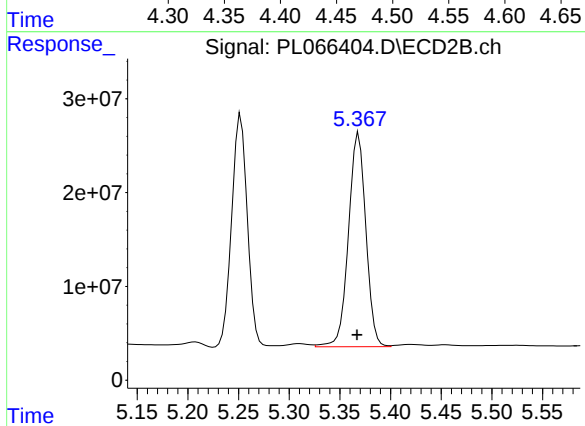
#3 gamma-BHC (Lindane)

R.T.: 4.852 min  
Delta R.T.: 0.001 min  
Response: 274832869  
Conc: 51.62 ng/ml



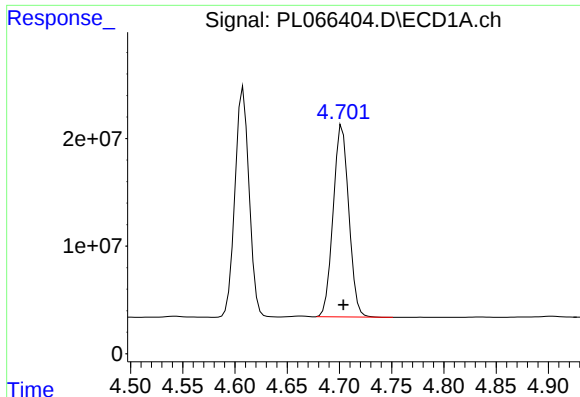
#4 Heptachlor

R.T.: 4.458 min  
Delta R.T.: 0.000 min  
Response: 188728172  
Conc: 45.50 ng/ml



#4 Heptachlor

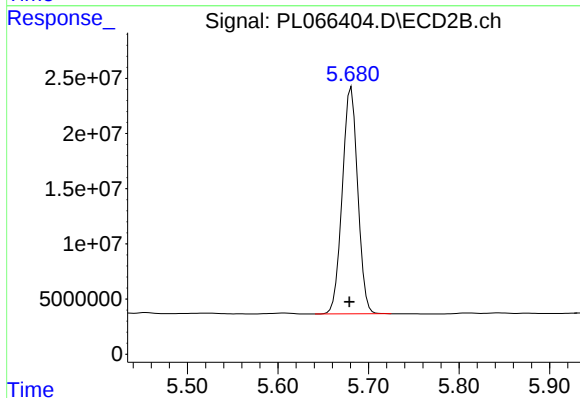
R.T.: 5.369 min  
Delta R.T.: 0.002 min  
Response: 271742228  
Conc: 48.82 ng/ml



#5 Aldrin

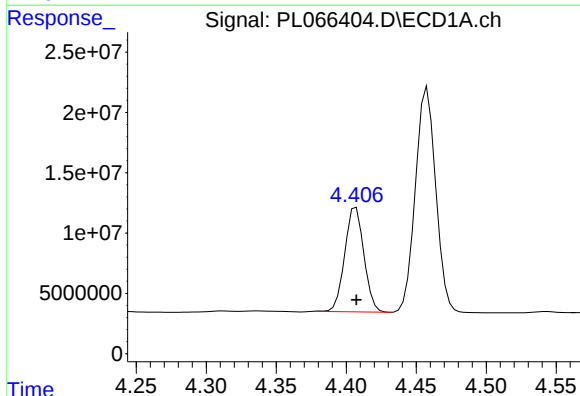
R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 185378894  
Conc: 47.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



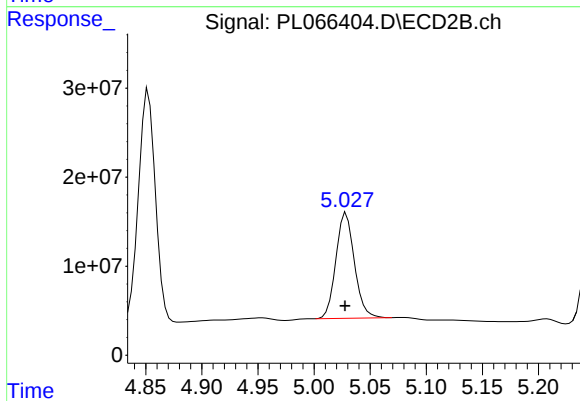
#5 Aldrin

R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 243304371  
Conc: 48.77 ng/ml



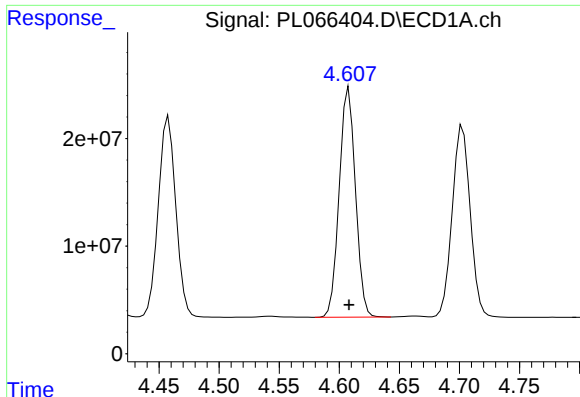
#6 beta-BHC

R.T.: 4.407 min  
Delta R.T.: 0.000 min  
Response: 82676578  
Conc: 46.91 ng/ml



#6 beta-BHC

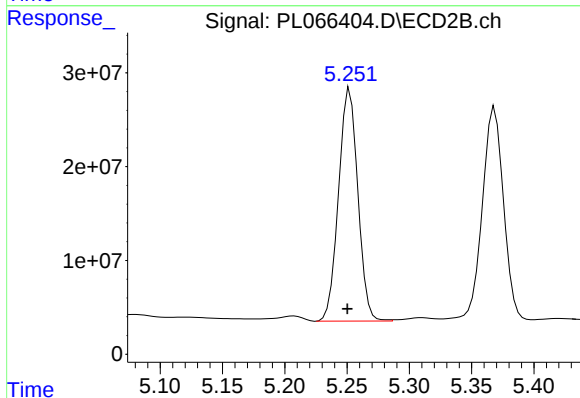
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 136721678  
Conc: 55.08 ng/ml



#7 delta-BHC

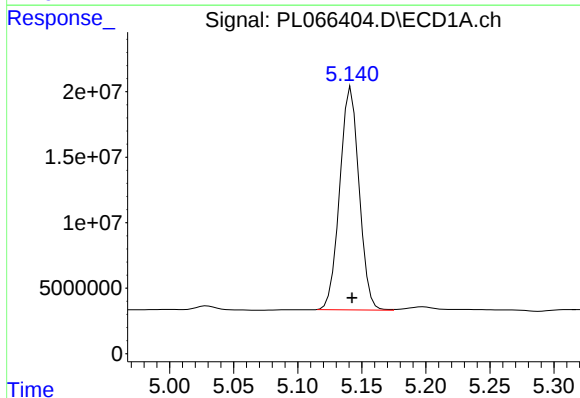
R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 200931049  
Conc: 48.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



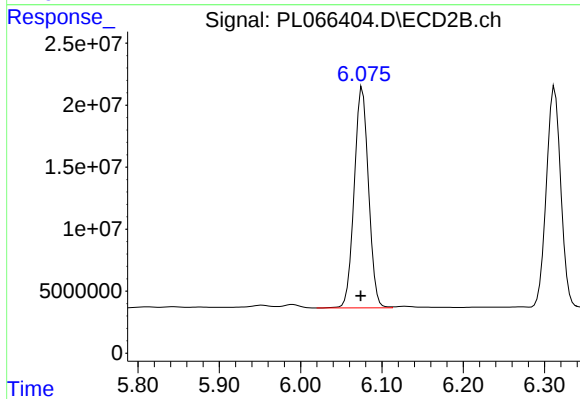
#7 delta-BHC

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 267957927  
Conc: 52.11 ng/ml



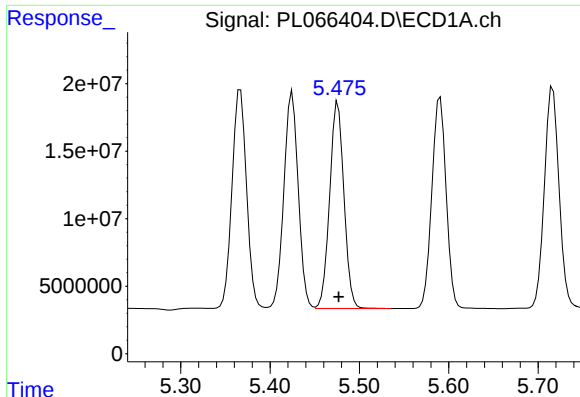
#8 Heptachlor epoxide

R.T.: 5.142 min  
Delta R.T.: 0.000 min  
Response: 178574642  
Conc: 48.19 ng/ml



#8 Heptachlor epoxide

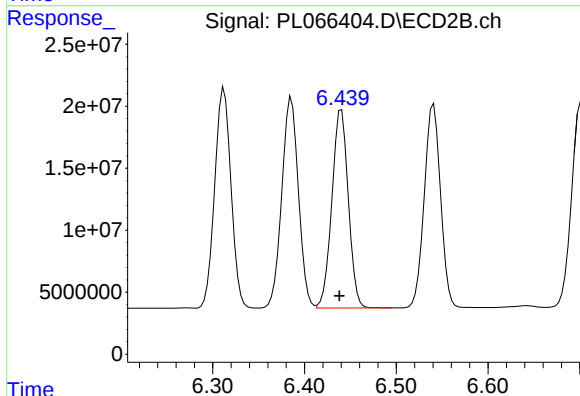
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 216815464  
Conc: 46.94 ng/ml



#9 Endosulfan I

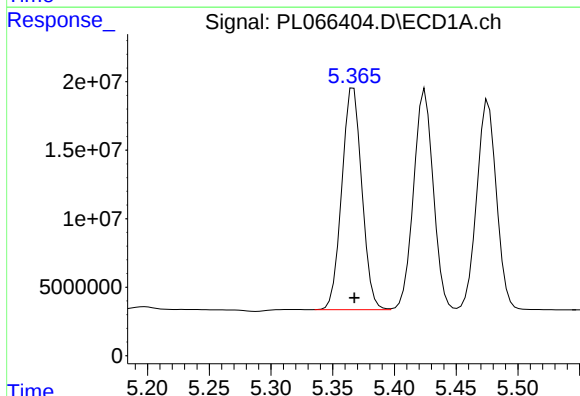
R.T.: 5.476 min  
Delta R.T.: 0.000 min  
Response: 170179467  
Conc: 47.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



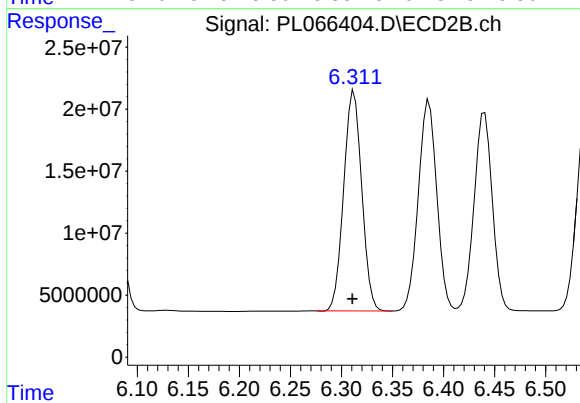
#9 Endosulfan I

R.T.: 6.440 min  
Delta R.T.: 0.002 min  
Response: 199437700  
Conc: 47.66 ng/ml



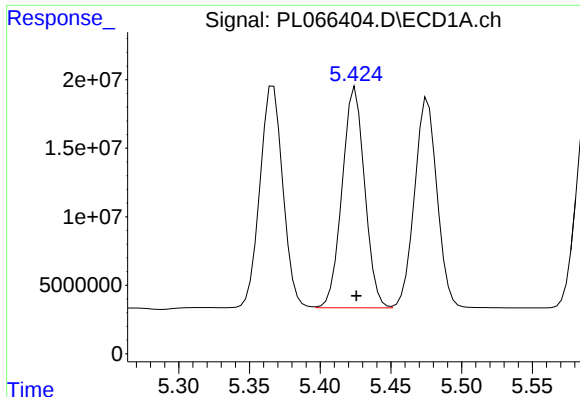
#10 gamma-Chlordane

R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 182814931  
Conc: 49.37 ng/ml



#10 gamma-Chlordane

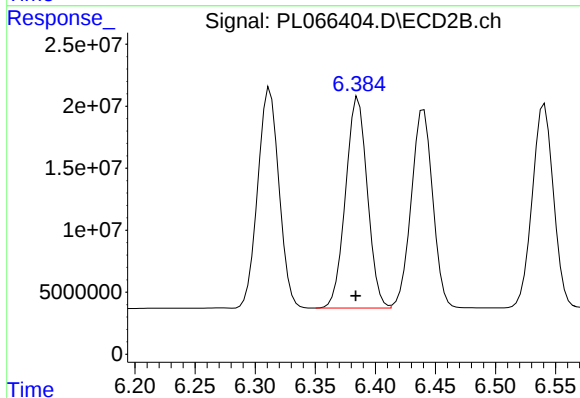
R.T.: 6.312 min  
Delta R.T.: 0.002 min  
Response: 218410027  
Conc: 47.86 ng/ml



#11 alpha-Chlordane

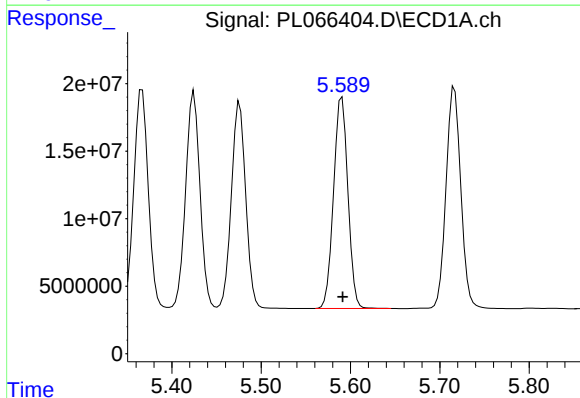
R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 178909966  
Conc: 48.31 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



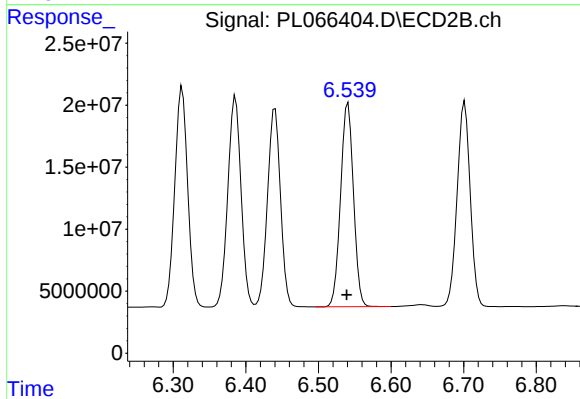
#11 alpha-Chlordane

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 214716987  
Conc: 47.50 ng/ml



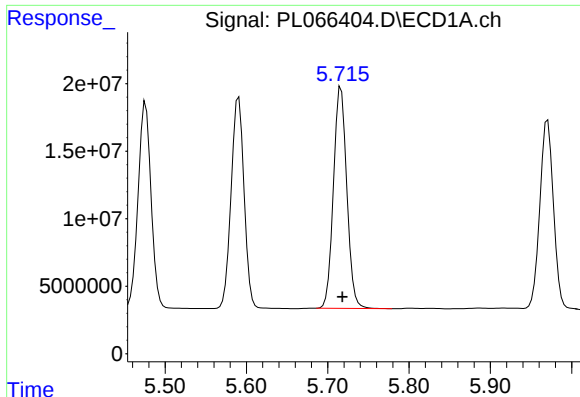
#12 4,4'-DDE

R.T.: 5.590 min  
Delta R.T.: 0.000 min  
Response: 174416952  
Conc: 46.76 ng/ml



#12 4,4'-DDE

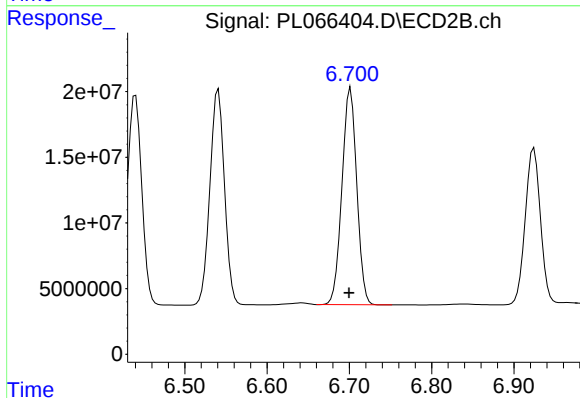
R.T.: 6.541 min  
Delta R.T.: 0.002 min  
Response: 202392685  
Conc: 48.90 ng/ml



#13 Dieldrin

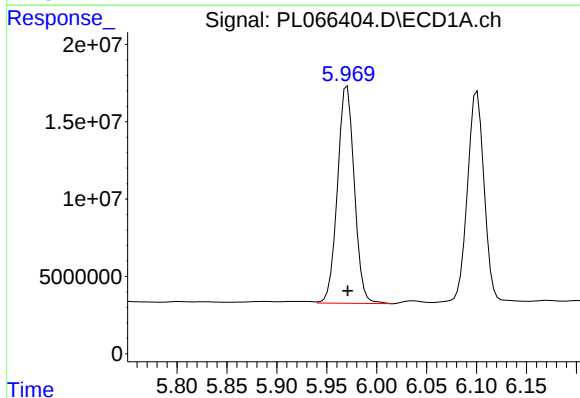
R.T.: 5.716 min  
Delta R.T.: -0.002 min  
Response: 187567914  
Conc: 46.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



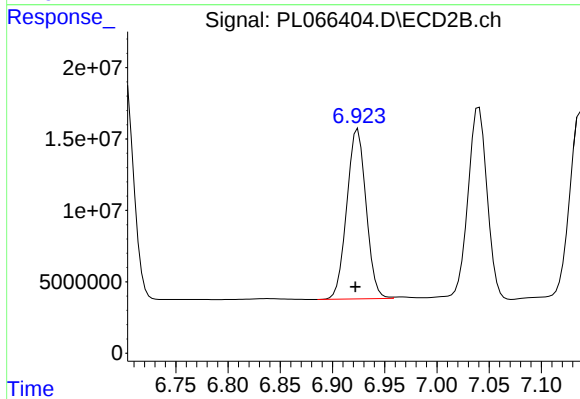
#13 Dieldrin

R.T.: 6.701 min  
Delta R.T.: 0.002 min  
Response: 206517380  
Conc: 49.43 ng/ml



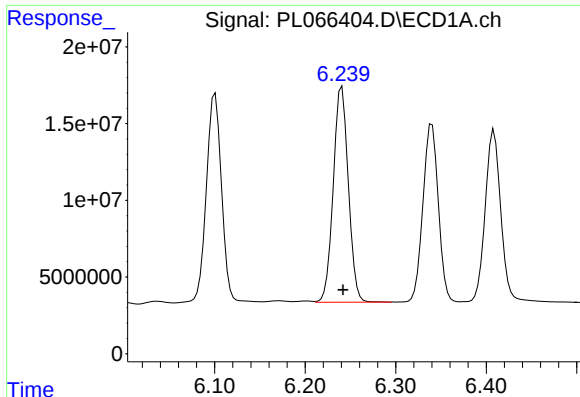
#14 Endrin

R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 164763963  
Conc: 47.25 ng/ml



#14 Endrin

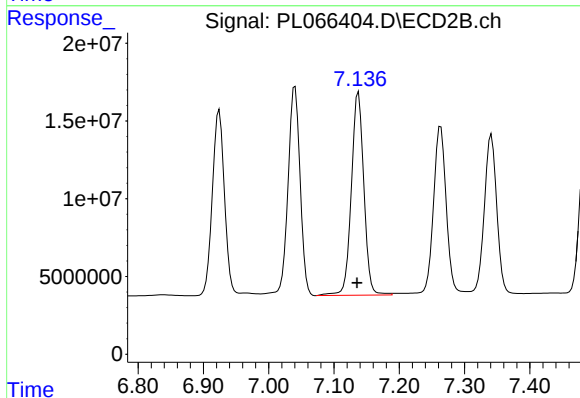
R.T.: 6.924 min  
Delta R.T.: 0.002 min  
Response: 152596676  
Conc: 47.22 ng/ml



#15 Endosulfan II

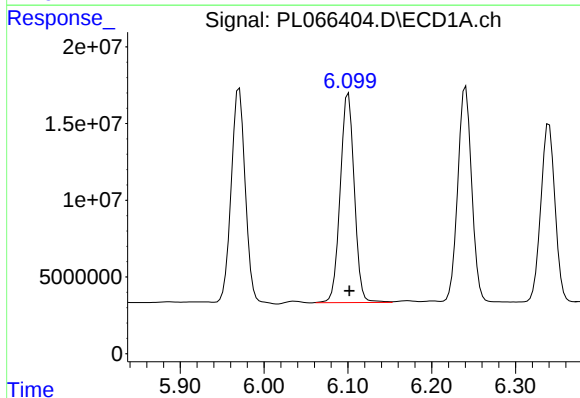
R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 162505424  
Conc: 49.49 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



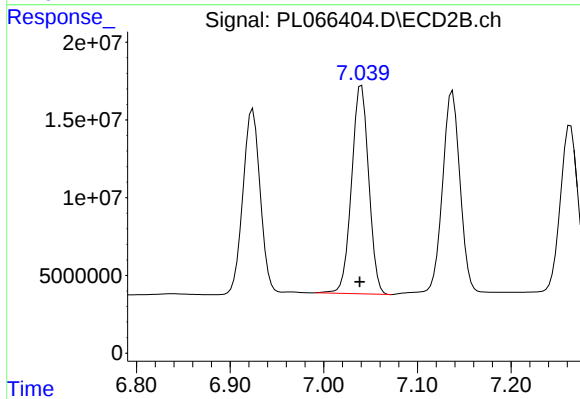
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: 0.002 min  
Response: 173959651  
Conc: 49.90 ng/ml



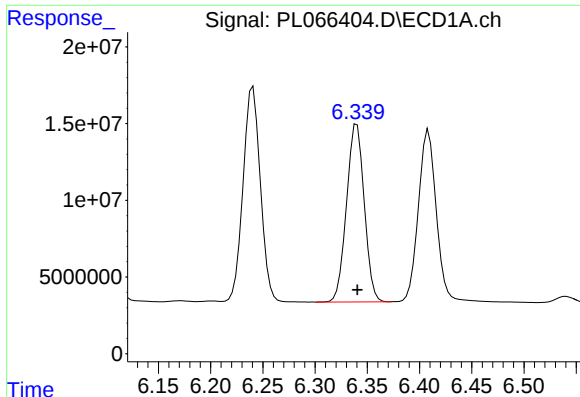
#16 4,4'-DDD

R.T.: 6.101 min  
Delta R.T.: -0.001 min  
Response: 158980931  
Conc: 48.28 ng/ml



#16 4,4'-DDD

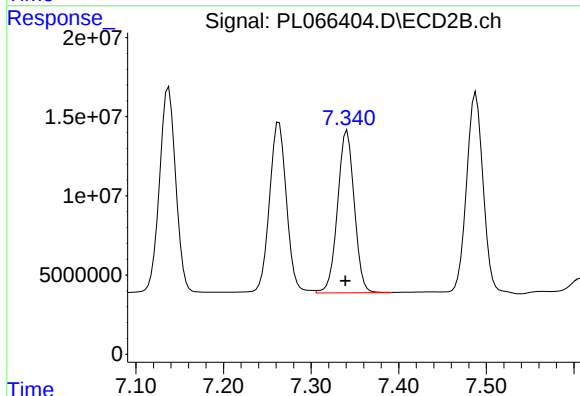
R.T.: 7.040 min  
Delta R.T.: 0.002 min  
Response: 170795979  
Conc: 49.91 ng/ml



#17 4,4'-DDT

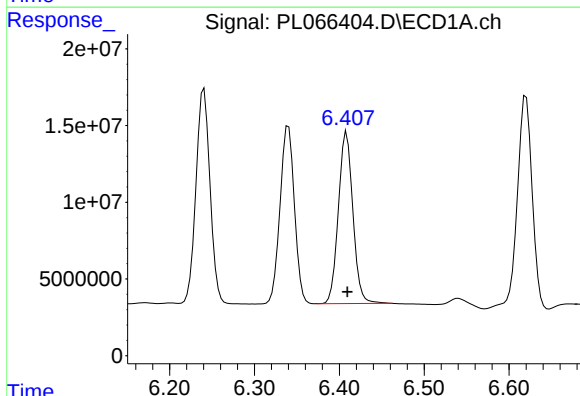
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 136476019  
Conc: 42.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



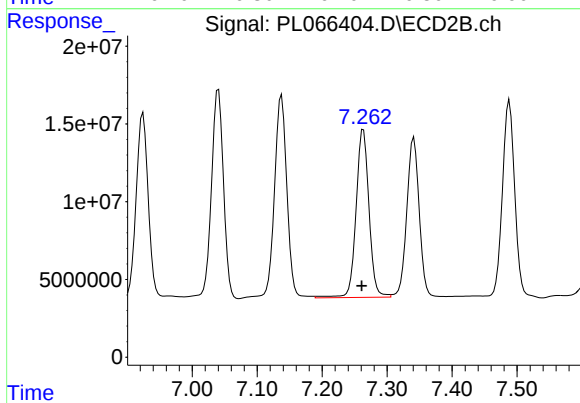
#17 4,4'-DDT

R.T.: 7.341 min  
Delta R.T.: 0.002 min  
Response: 135810272  
Conc: 40.03 ng/ml



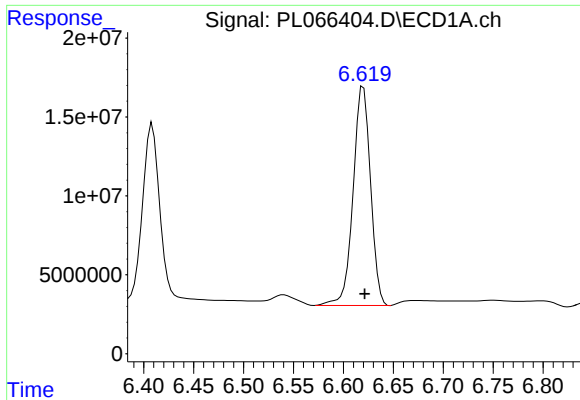
#18 Endrin aldehyde

R.T.: 6.409 min  
Delta R.T.: 0.000 min  
Response: 132701591  
Conc: 51.47 ng/ml



#18 Endrin aldehyde

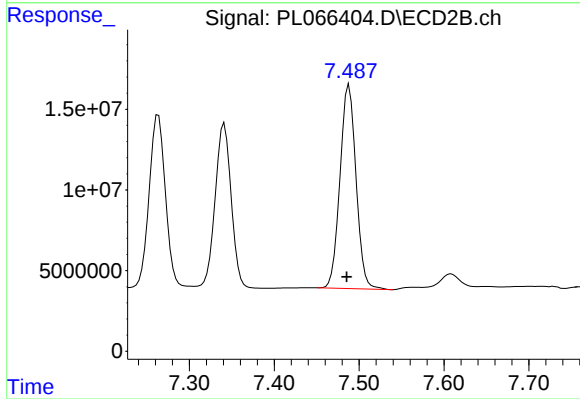
R.T.: 7.263 min  
Delta R.T.: 0.002 min  
Response: 149292595  
Conc: 53.37 ng/ml



#19 Endosulfan Sulfate

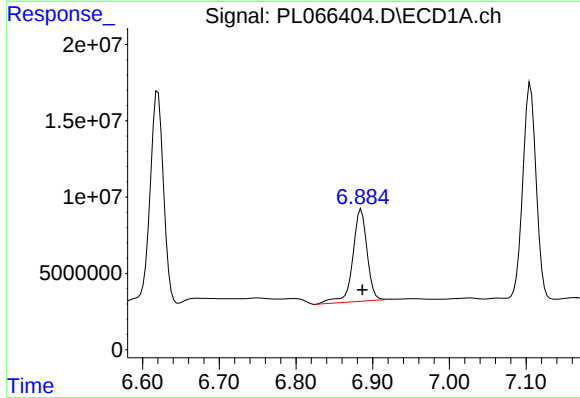
R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 168655588  
Conc: 49.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



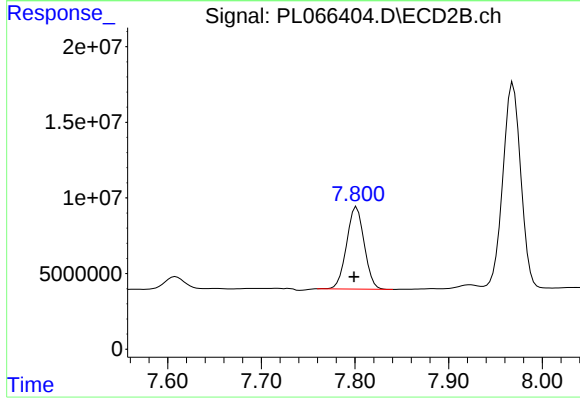
#19 Endosulfan Sulfate

R.T.: 7.488 min  
Delta R.T.: 0.003 min  
Response: 165769998  
Conc: 46.92 ng/ml



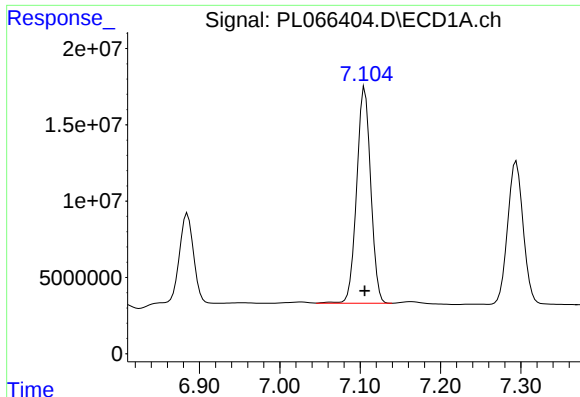
#20 Methoxychlor

R.T.: 6.885 min  
Delta R.T.: -0.002 min  
Response: 79298140  
Conc: 43.80 ng/ml



#20 Methoxychlor

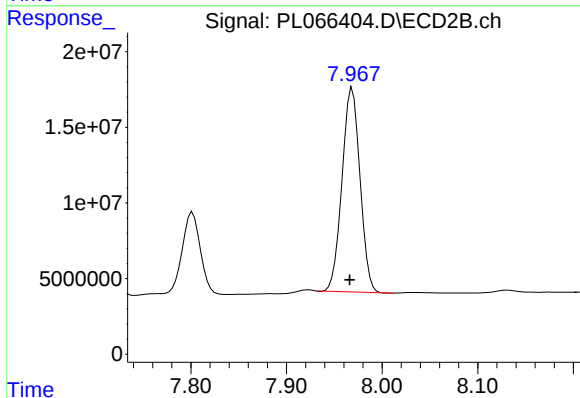
R.T.: 7.802 min  
Delta R.T.: 0.003 min  
Response: 71170835  
Conc: 39.72 ng/ml



#21 Endrin ketone

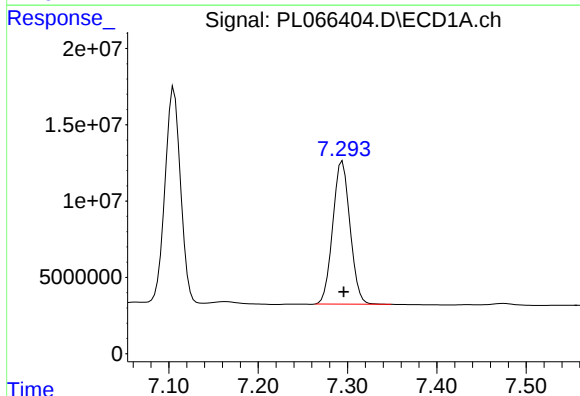
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 172101701  
Conc: 46.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



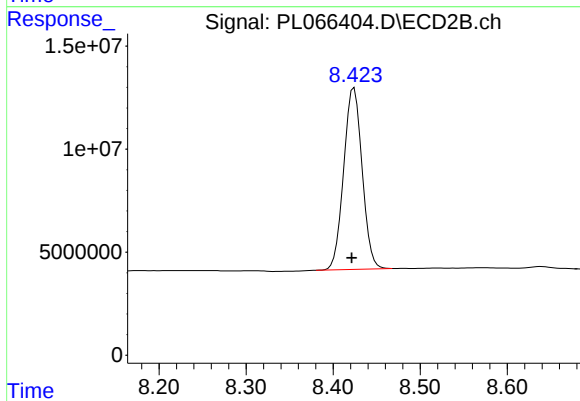
#21 Endrin ketone

R.T.: 7.969 min  
Delta R.T.: 0.003 min  
Response: 176719493  
Conc: 48.04 ng/ml



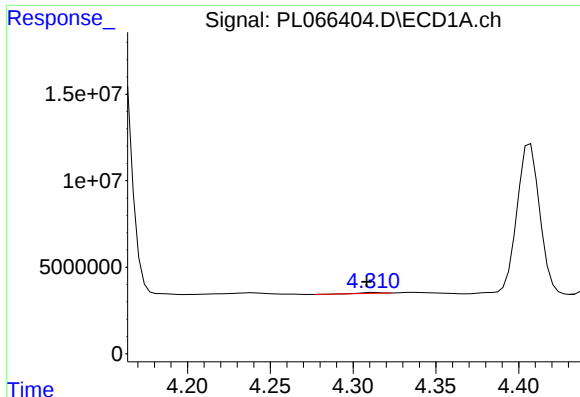
#22 Mirex

R.T.: 7.294 min  
Delta R.T.: -0.001 min  
Response: 125856305  
Conc: 44.01 ng/ml



#22 Mirex

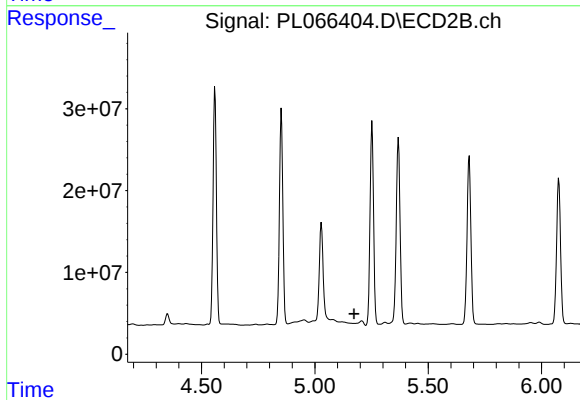
R.T.: 8.424 min  
Delta R.T.: 0.003 min  
Response: 129759412  
Conc: 45.84 ng/ml



#23 Chlordane-1

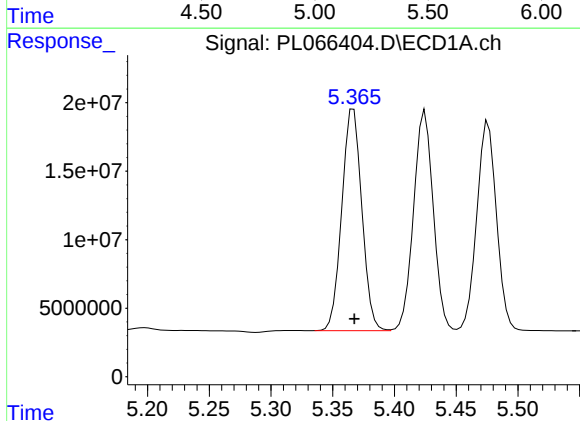
R.T.: 4.312 min  
Delta R.T.: 0.004 min  
Response: 373661  
Conc: 3.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



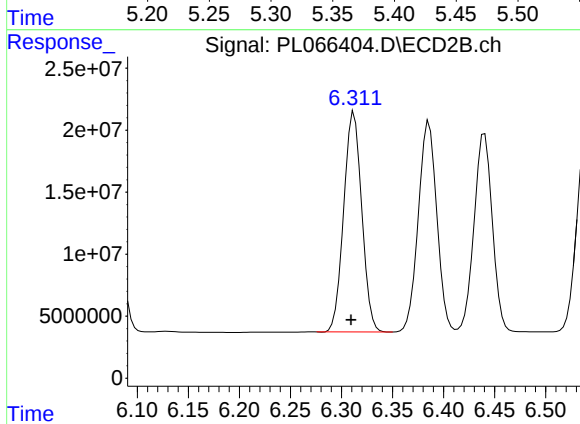
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.173 min  
Response: 0  
Conc: N.D.



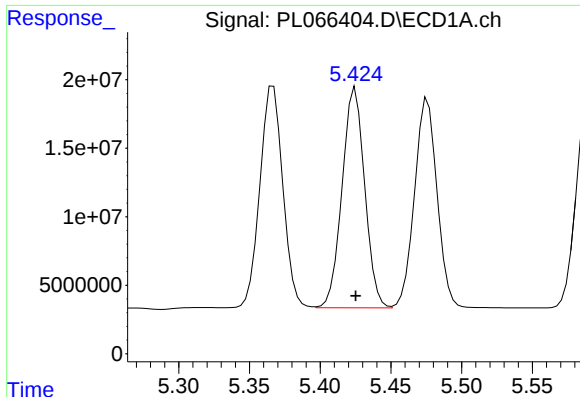
#25 Chlordane-3

R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 182814931  
Conc: 502.99 ng/ml



#25 Chlordane-3

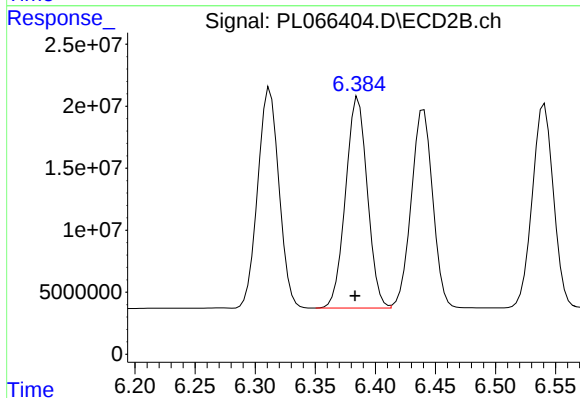
R.T.: 6.312 min  
Delta R.T.: 0.003 min  
Response: 218410027  
Conc: 332.17 ng/ml



#26 Chlordane-4

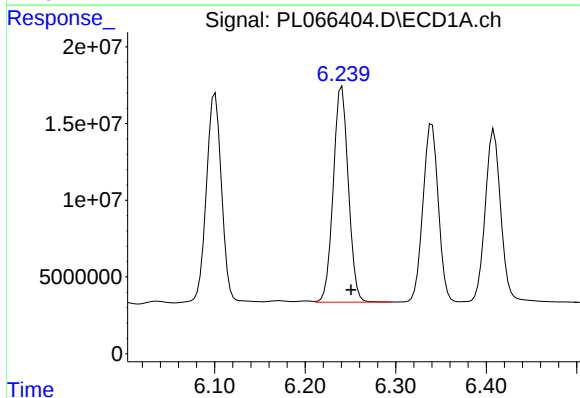
R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 178909966  
Conc: 567.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



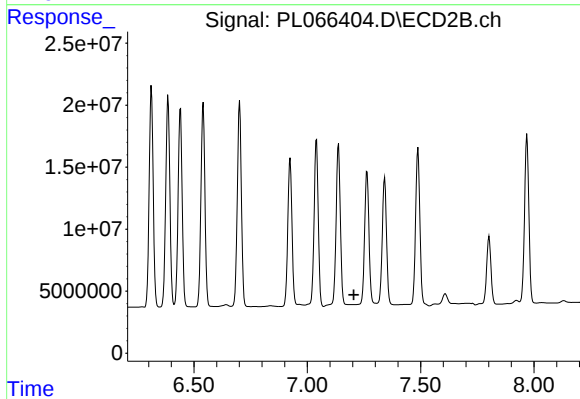
#26 Chlordane-4

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 214716987  
Conc: 273.34 ng/ml



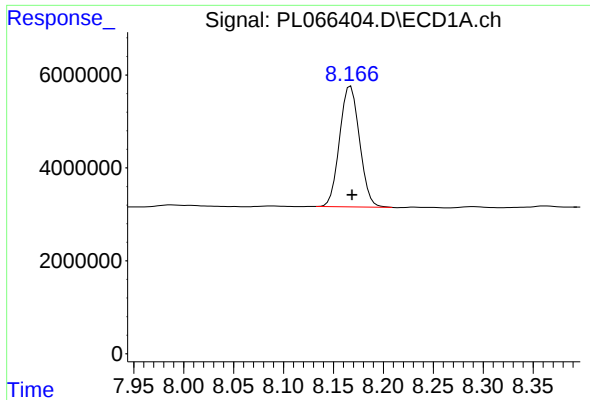
#27 Chlordane-5

R.T.: 6.241 min  
Delta R.T.: -0.010 min  
Response: 162505424  
Conc: 1150.22 ng/ml



#27 Chlordane-5

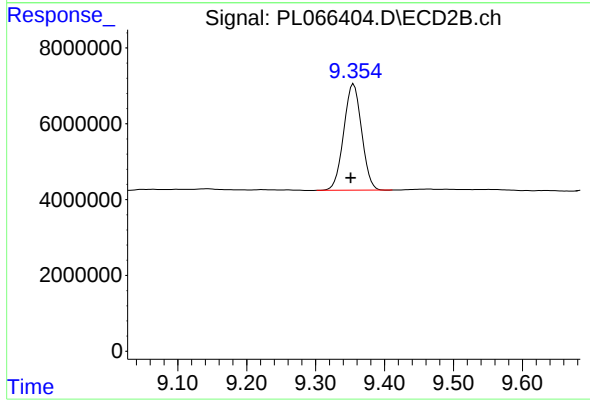
R.T.: 0.000 min  
Exp R.T.: 7.206 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: -0.001 min  
Response: 36107748  
Conc: 15.14 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.355 min  
Delta R.T.: 0.004 min  
Response: 50640863  
Conc: 15.51 ng/ml