

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041123\  
 Data File : PL081985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2023 08:48  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 11 22:10:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 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... | 3.328 | 2.654 | 46978011 | 38661232 | 20.198  | 19.368   |
| 28)                         | SA Decachlor... | 8.753 | 7.771 | 35582825 | 39052143 | 19.883  | 19.691   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.777 | 3.152 | 31946501 | 24866992 | 9.318   | 8.531    |
| 3)                          | MA gamma-BHC... | 4.106 | 3.480 | 30420518 | 23963998 | 9.576   | 8.607    |
| 6)                          | B beta-BHC      | 4.309 | 3.779 | 15355985 | 12793191 | 10.203  | 10.742   |
| 14)                         | MA Endrin       | 6.332 | 5.499 | 94479045 | 89190307 | 44.666  | 44.073   |
| 16)                         | A 4,4'-DDD      | 6.474 | 5.650 | 1921746  | 1722553  | 1.066m  | 1.135    |
| 17)                         | MA 4,4'-DDT     | 6.787 | 5.899 | 183.9E6  | 169.3E6  | 90.583  | 98.246   |
| 18)                         | B Endrin al...  | 6.683 | 5.977 | 2704265  | 3959681  | 1.653   | 2.550 #  |
| 20)                         | A Methoxychlor  | 7.268 | 6.477 | 243.0E6  | 229.1E6  | 225.646 | 230.059m |
| 21)                         | B Endrin ke...  | 7.396 | 6.703 | 4514757  | 5392386  | 2.155m  | 2.523    |
| -----                       |                 |       |       |          |          |         |          |

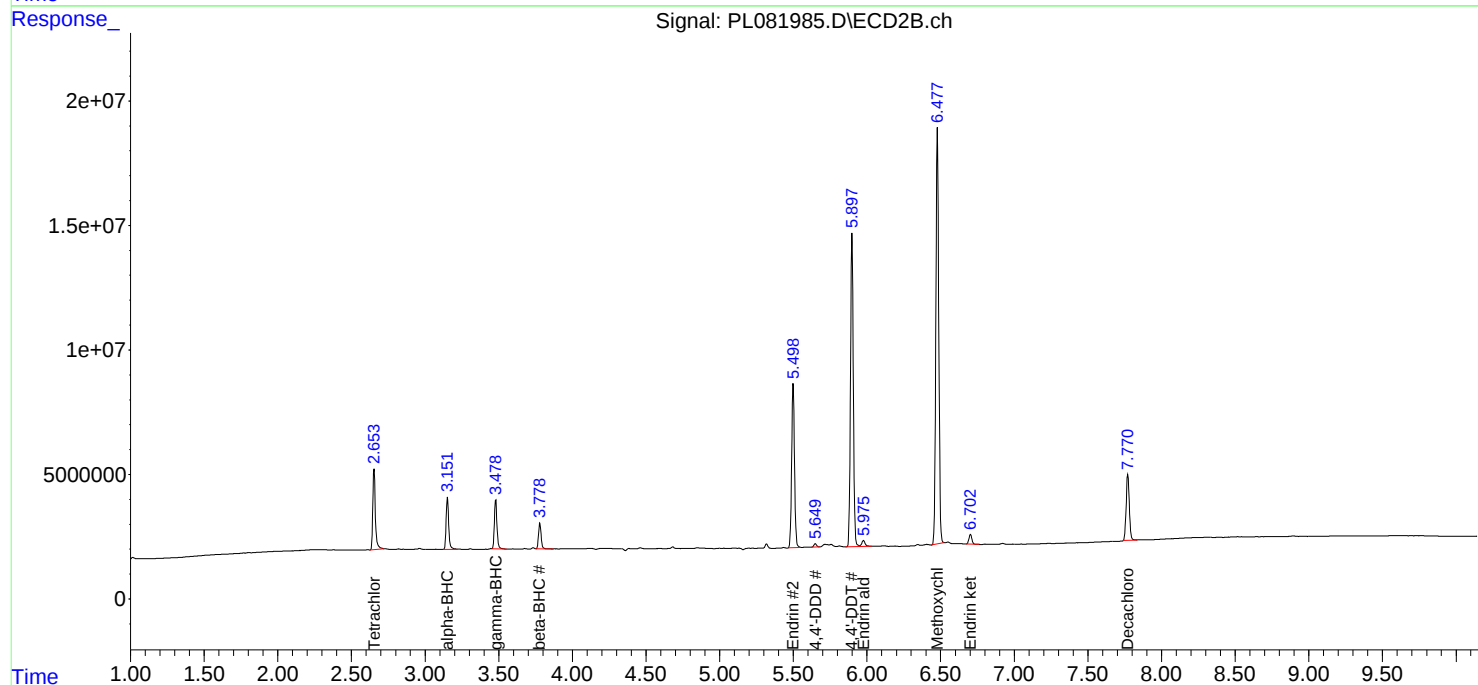
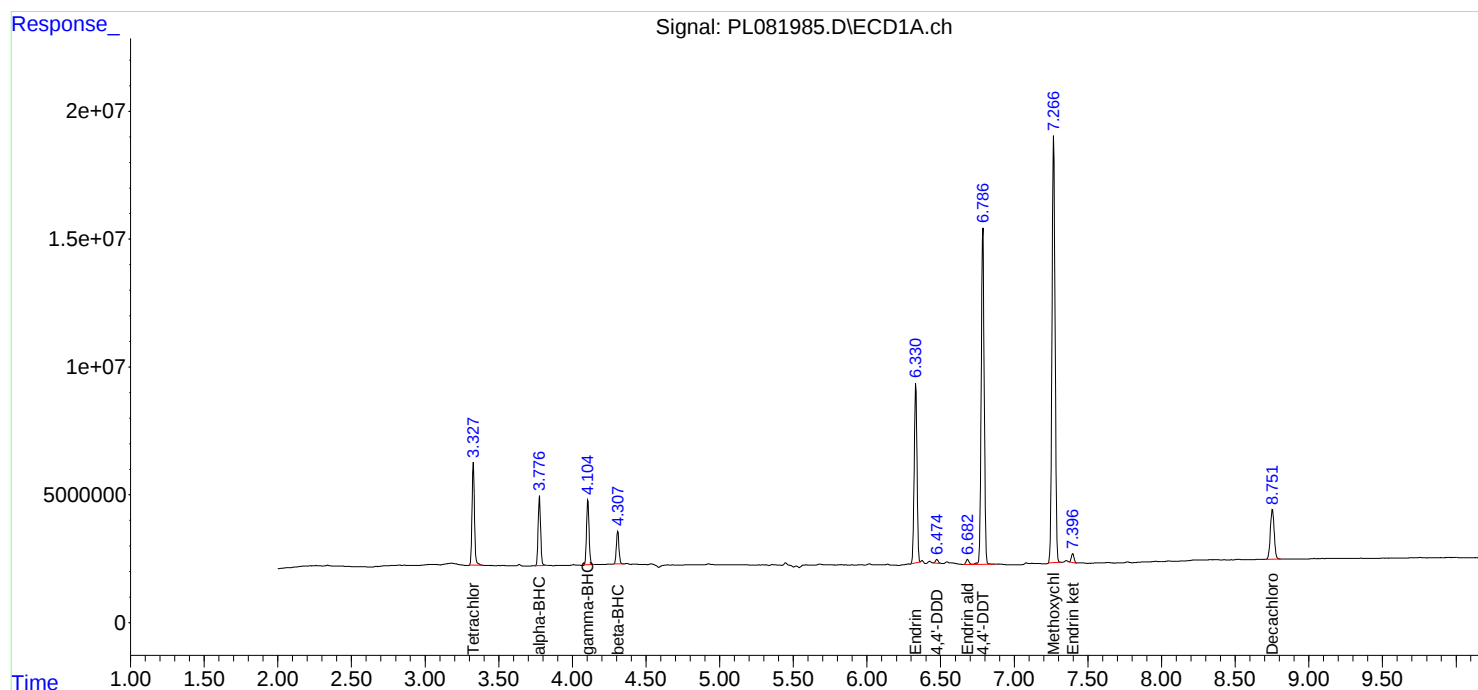
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

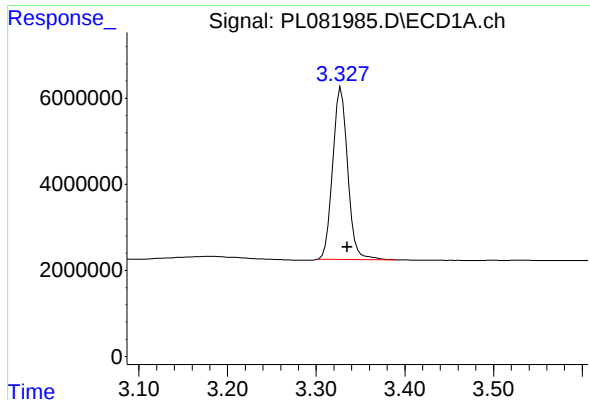
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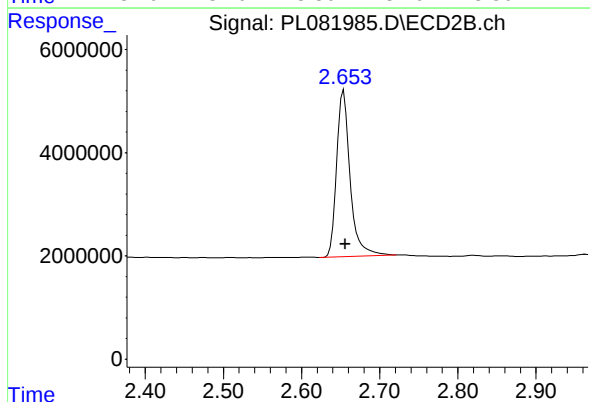




#1 Tetrachloro-m-xylene

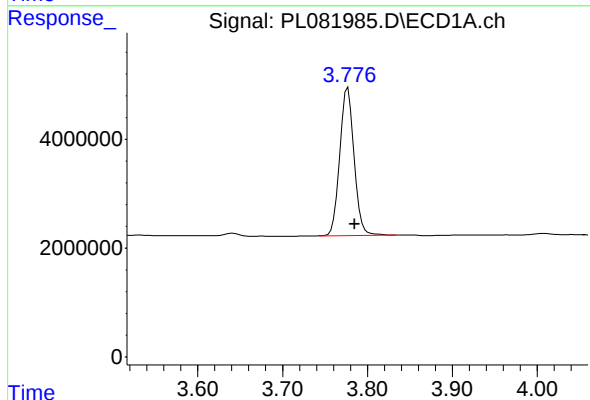
R.T.: 3.328 min  
Delta R.T.: -0.007 min  
Response: 46978011  
Conc: 20.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



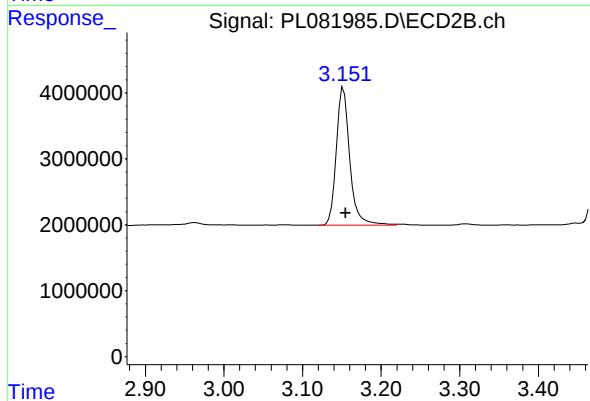
#1 Tetrachloro-m-xylene

R.T.: 2.654 min  
Delta R.T.: -0.002 min  
Response: 38661232  
Conc: 19.37 ng/ml



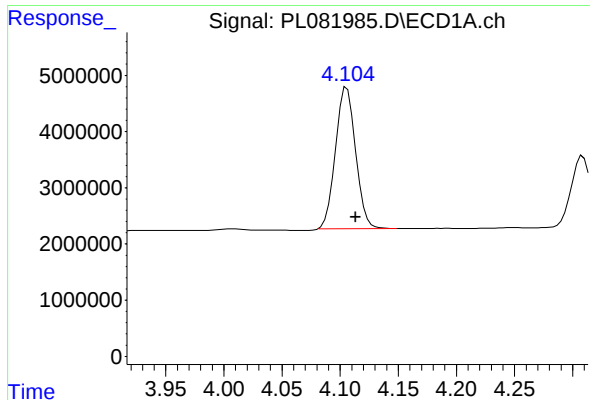
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.008 min  
Response: 31946501  
Conc: 9.32 ng/ml



#2 alpha-BHC

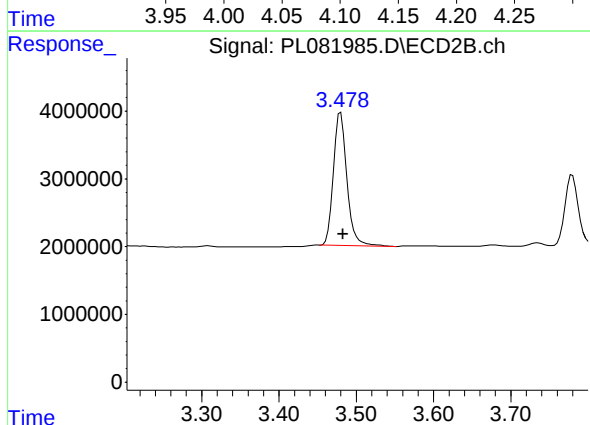
R.T.: 3.152 min  
Delta R.T.: -0.003 min  
Response: 24866992  
Conc: 8.53 ng/ml



#3 gamma-BHC (Lindane)

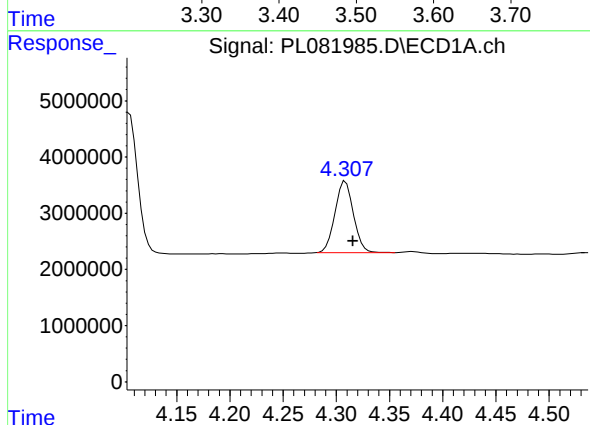
R.T.: 4.106 min  
Delta R.T.: -0.007 min  
Response: 30420518  
Conc: 9.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



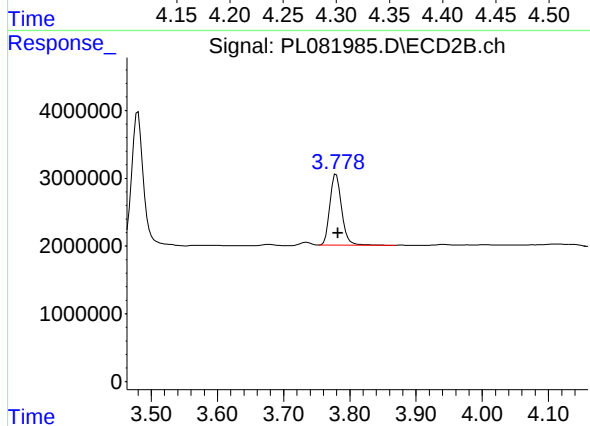
#3 gamma-BHC (Lindane)

R.T.: 3.480 min  
Delta R.T.: -0.003 min  
Response: 23963998  
Conc: 8.61 ng/ml



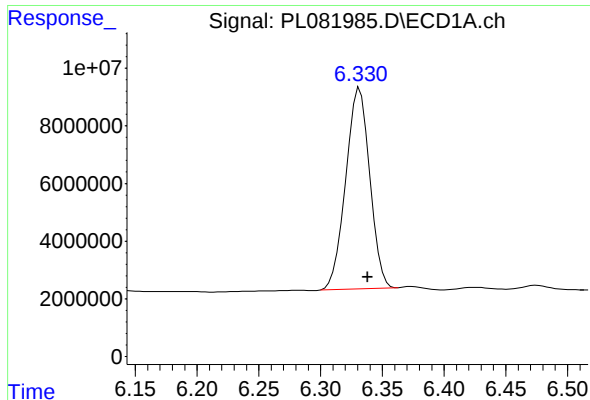
#6 beta-BHC

R.T.: 4.309 min  
Delta R.T.: -0.007 min  
Response: 15355985  
Conc: 10.20 ng/ml



#6 beta-BHC

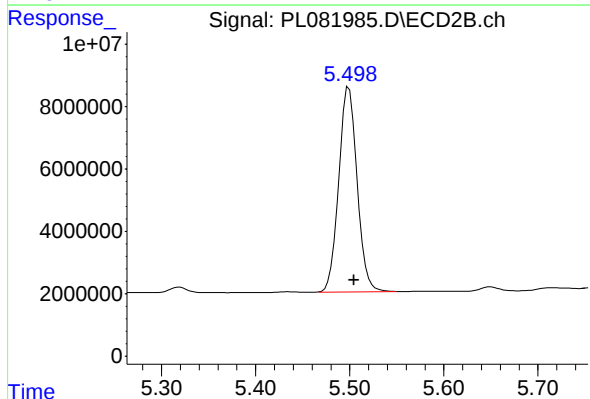
R.T.: 3.779 min  
Delta R.T.: -0.003 min  
Response: 12793191  
Conc: 10.74 ng/ml



#14 Endrin

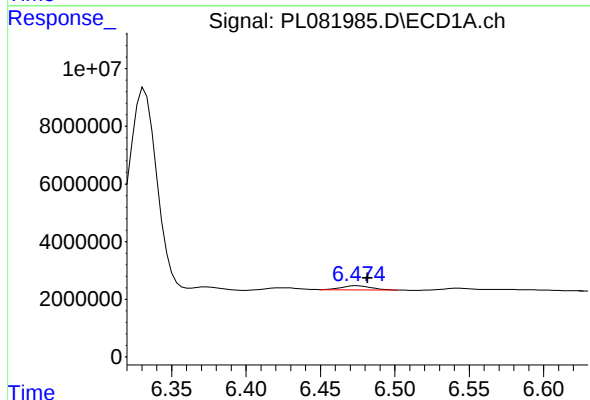
R.T.: 6.332 min  
Delta R.T.: -0.006 min  
Response: 94479045  
Conc: 44.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



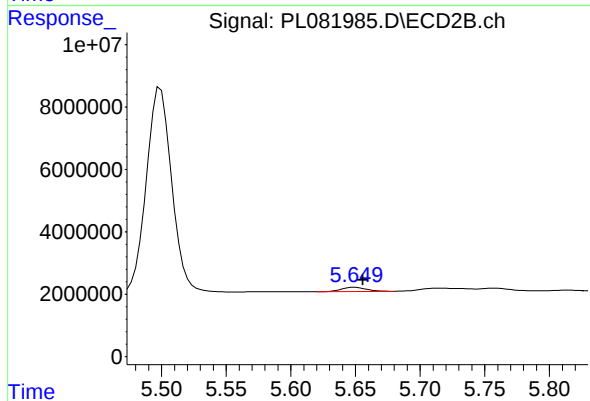
#14 Endrin

R.T.: 5.499 min  
Delta R.T.: -0.005 min  
Response: 89190307  
Conc: 44.07 ng/ml



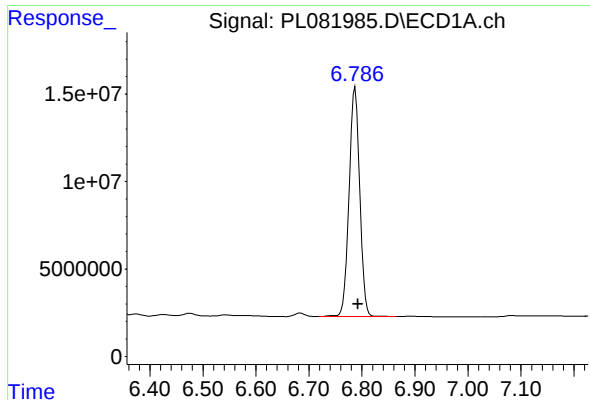
#16 4,4'-DDD

R.T.: 6.474 min  
Delta R.T.: -0.008 min  
Response: 1921746  
Conc: 1.07 ng/ml m



#16 4,4'-DDD

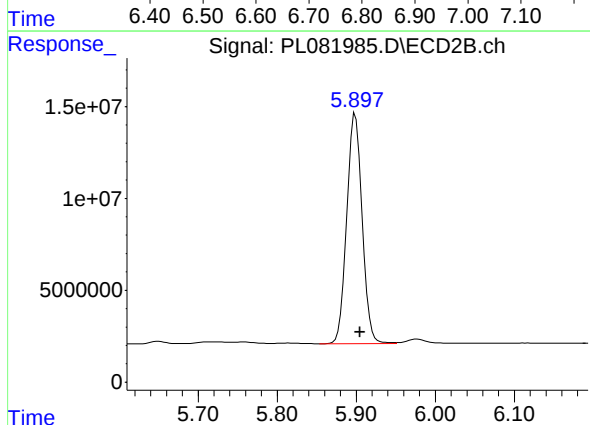
R.T.: 5.650 min  
Delta R.T.: -0.006 min  
Response: 1722553  
Conc: 1.14 ng/ml



#17 4,4'-DDT

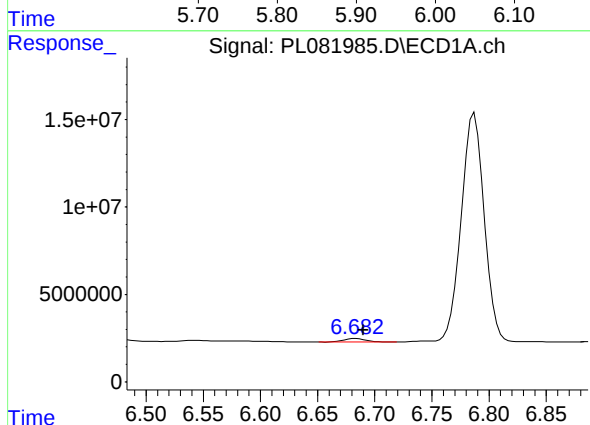
R.T.: 6.787 min  
Delta R.T.: -0.006 min  
Response: 183851384  
Conc: 90.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



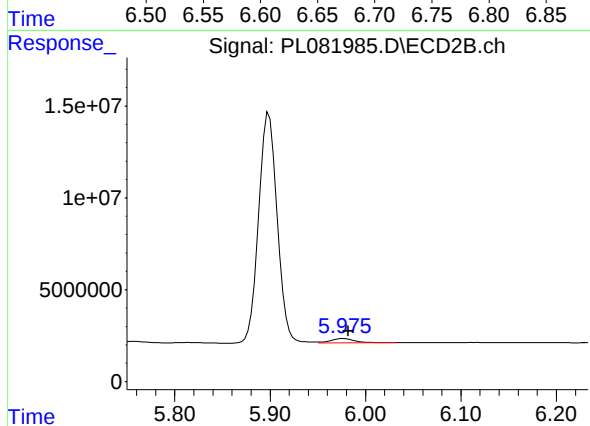
#17 4,4'-DDT

R.T.: 5.899 min  
Delta R.T.: -0.006 min  
Response: 169304285  
Conc: 98.25 ng/ml



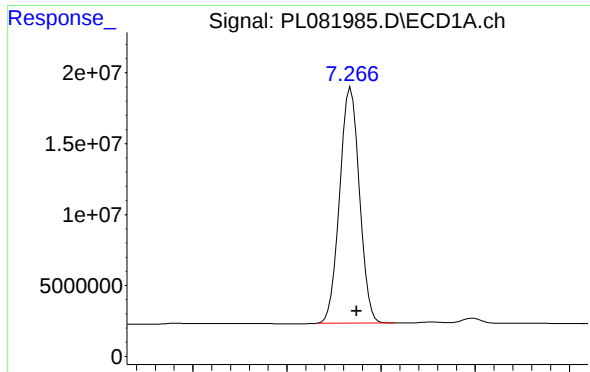
#18 Endrin aldehyde

R.T.: 6.683 min  
Delta R.T.: -0.006 min  
Response: 2704265  
Conc: 1.65 ng/ml



#18 Endrin aldehyde

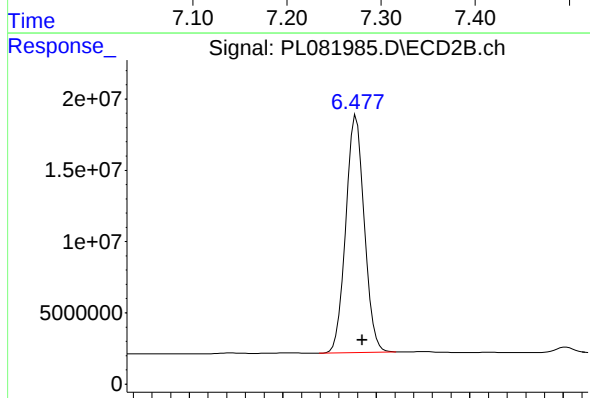
R.T.: 5.977 min  
Delta R.T.: -0.005 min  
Response: 3959681  
Conc: 2.55 ng/ml



#20 Methoxychlor

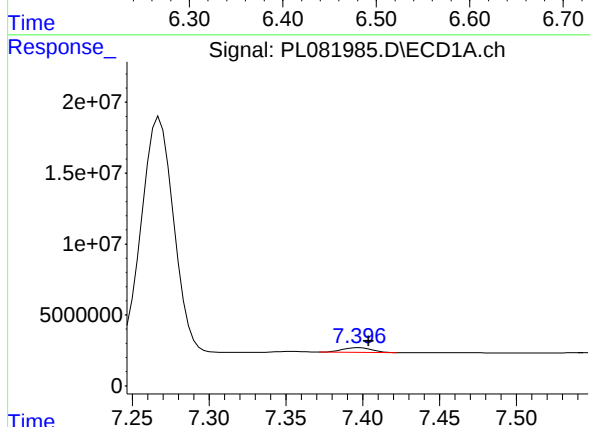
R.T.: 7.268 min  
Delta R.T.: -0.006 min  
Response: 242996355  
Conc: 225.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



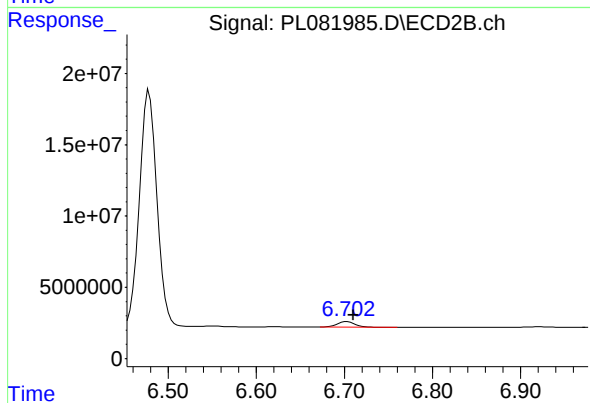
#20 Methoxychlor

R.T.: 6.477 min  
Delta R.T.: -0.008 min  
Response: 229147672  
Conc: 230.06 ng/ml m



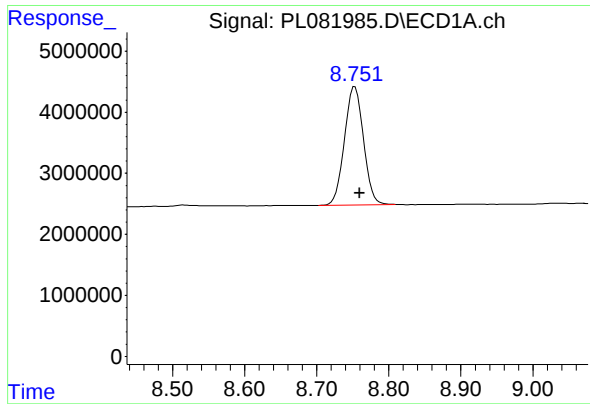
#21 Endrin ketone

R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 4514757  
Conc: 2.16 ng/ml m



#21 Endrin ketone

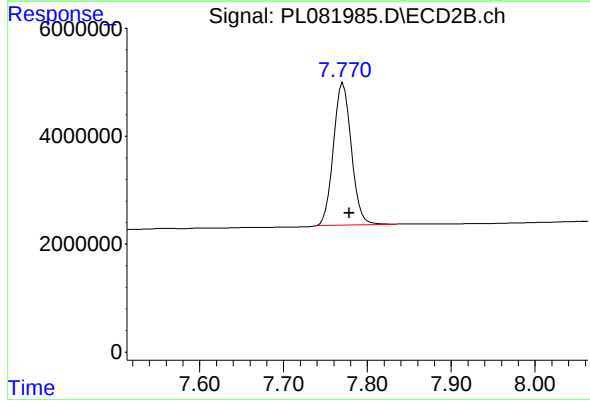
R.T.: 6.703 min  
Delta R.T.: -0.007 min  
Response: 5392386  
Conc: 2.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.753 min  
Delta R.T.: -0.007 min  
Response: 35582825  
Conc: 19.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 7.771 min  
Delta R.T.: -0.007 min  
Response: 39052143  
Conc: 19.69 ng/ml