

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122718\  
 Data File : PL043427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2018 08:51  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 11:00:18 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.464  | 4.099  | 134.8E6  | 66029380 | 21.976  | 22.278   |
| 28)                         | SA Decachlor... | 8.196  | 9.223  | 127.1E6  | 55018603 | 19.468  | 21.092   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.902  | 4.494  | 92270613 | 42768337 | 9.761   | 9.455    |
| 3)                          | MA gamma-BHC... | 4.185  | 4.782  | 83508491 | 41269533 | 9.671   | 9.840    |
| 4)                          | MA Heptachlor   | 4.440f | 0.000  | 38904339 | 0        | 4.385   | N.D. #   |
| 6)                          | B beta-BHC      | 4.440  | 4.951  | 38904339 | 17697479 | 10.547  | 10.454   |
| 9)                          | A Endosulfan I  | 0.000  | 6.357  | 0        | 2370237  | N.D.    | 0.698 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.357f | 0        | 2370237  | N.D.    | 0.659 #  |
| 12)                         | B 4,4'-DDE      | 5.618  | 0.000  | 2291308  | 0        | 0.331   | N.D. #   |
| 14)                         | MA Endrin       | 6.005  | 6.831  | 333.8E6  | 143.6E6  | 46.359  | 46.011   |
| 15)                         | B Endosulfa...  | 6.278  | 7.039  | 3123537  | 2159877  | 0.470   | 0.713 #  |
| 16)                         | A 4,4'-DDD      | 6.132  | 6.948  | 18236170 | 10109341 | 3.216   | 3.447    |
| 17)                         | MA 4,4'-DDT     | 6.371  | 7.248  | 590.4E6  | 275.8E6  | 99.253  | 93.904   |
| 18)                         | B Endrin al...  | 6.446  | 7.165  | 5922460  | 2010065  | 1.075   | 0.801 #  |
| 20)                         | A Methoxychlor  | 6.917  | 7.704  | 769.9E6  | 327.6E6  | 229.446 | 217.163  |
| 21)                         | B Endrin ke...  | 7.147  | 7.861  | 20035840 | 6245281  | 2.771   | 2.043 #  |
| 23)                         | Chlordane-1     | 4.360  | 0.000  | 1476064  | 0        | 5.493   | N.D. #   |
| 26)                         | Chlordane-4     | 0.000  | 6.357  | 0        | 2370237  | N.D.    | 4.153 #  |
| 27)                         | Chlordane-5     | 6.278  | 7.165  | 3123537  | 2010065  | 13.023  | 17.145 # |
| -----                       |                 |        |        |          |          |         |          |

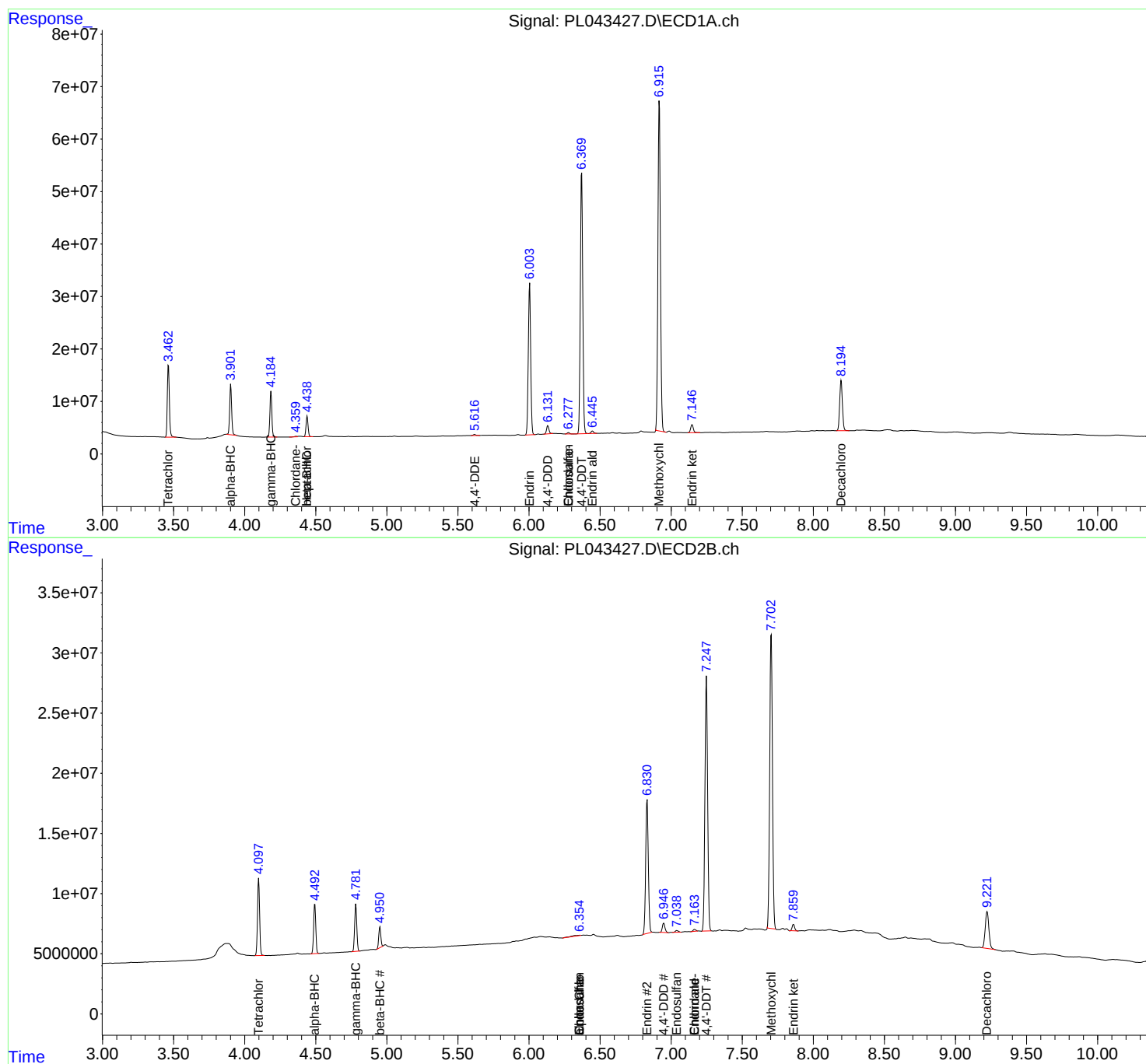
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

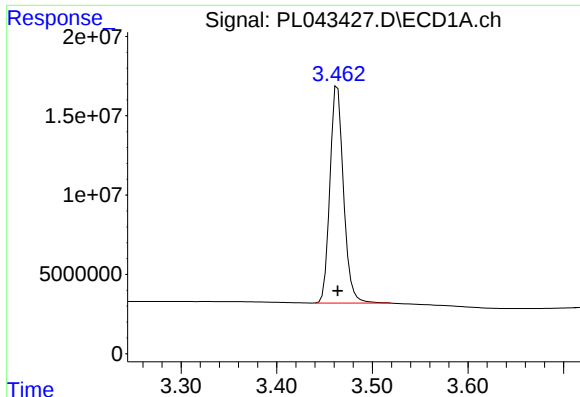
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122718\  
Data File : PL043427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2018 08:51  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 11:00:18 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
Integrator: ChemStation

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

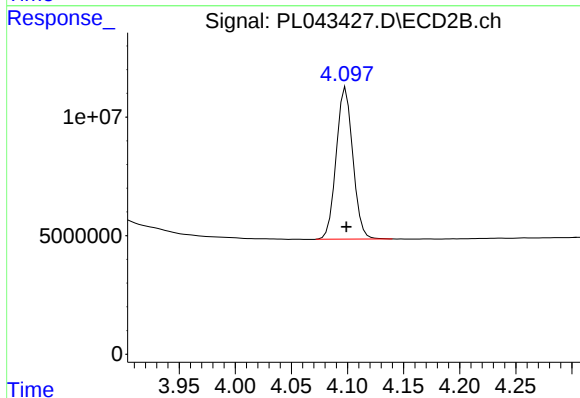




#1 Tetrachloro-m-xylene

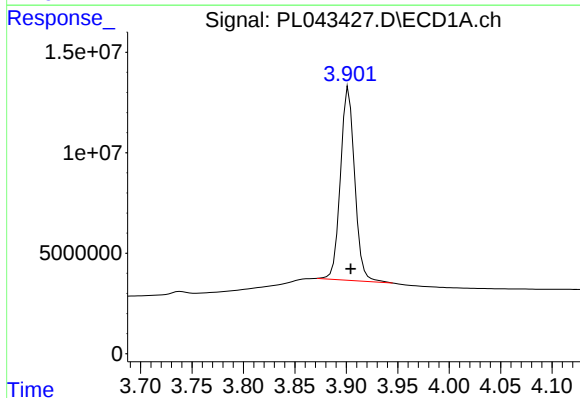
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 134775694  
Conc: 21.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



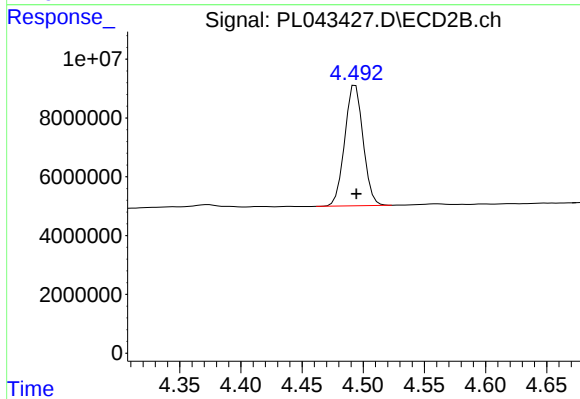
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 66029380  
Conc: 22.28 ng/ml



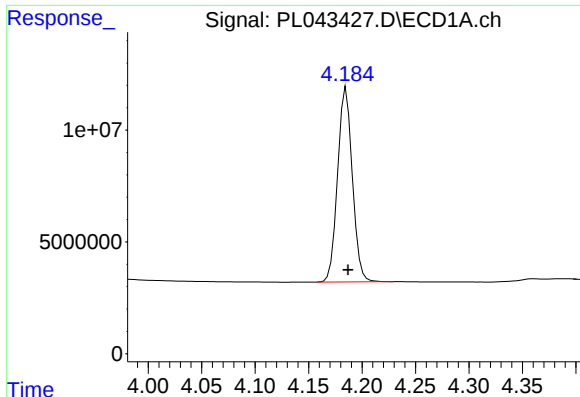
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: -0.002 min  
Response: 92270613  
Conc: 9.76 ng/ml



#2 alpha-BHC

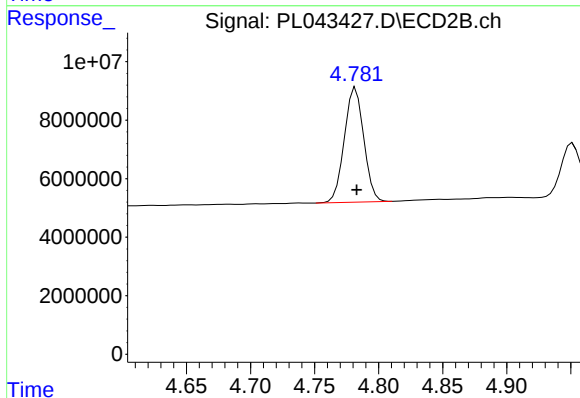
R.T.: 4.494 min  
Delta R.T.: 0.000 min  
Response: 42768337  
Conc: 9.45 ng/ml



#3 gamma-BHC (Lindane)

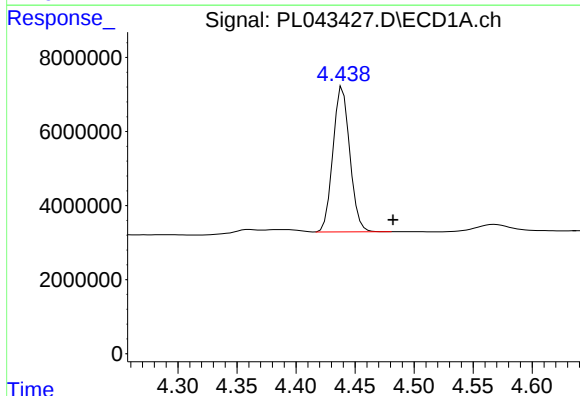
R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 83508491  
Conc: 9.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



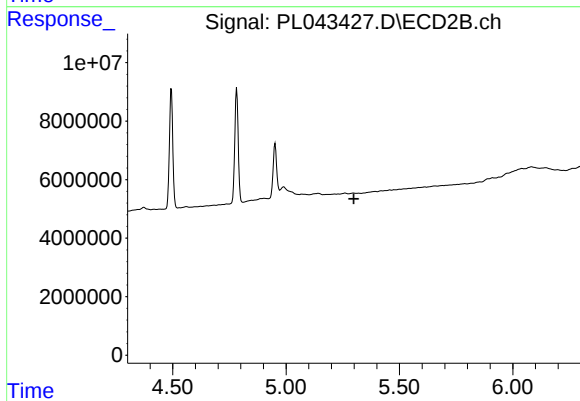
#3 gamma-BHC (Lindane)

R.T.: 4.782 min  
Delta R.T.: 0.000 min  
Response: 41269533  
Conc: 9.84 ng/ml



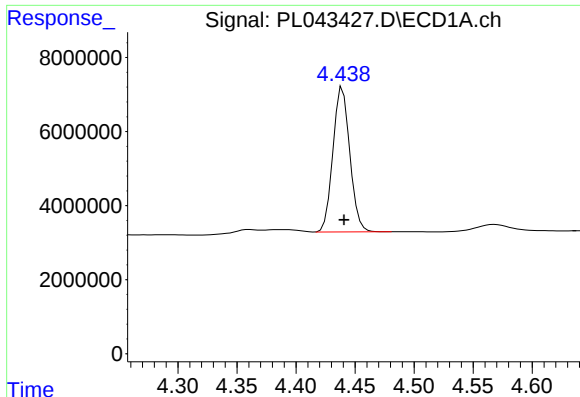
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: -0.043 min  
Response: 38904339  
Conc: 4.38 ng/ml



#4 Heptachlor

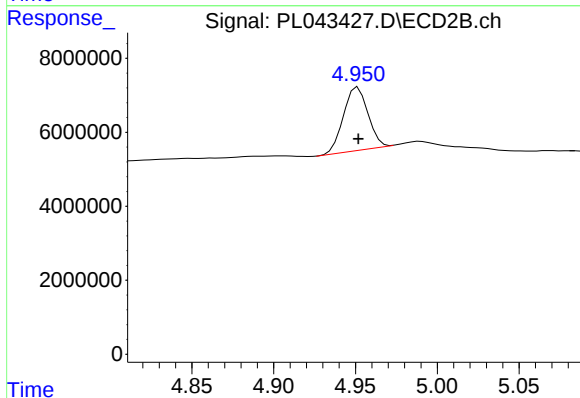
R.T.: 0.000 min  
Exp R.T.: 5.298 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

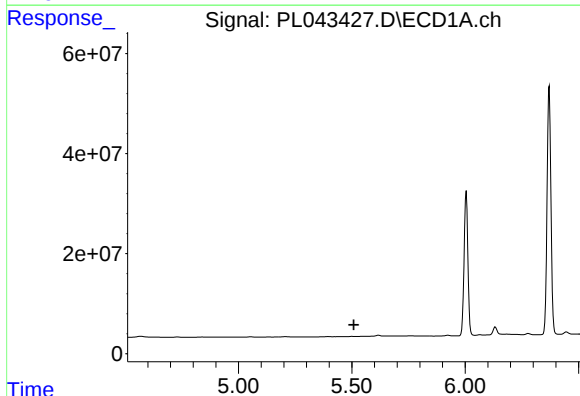
R.T.: 4.440 min  
Delta R.T.: -0.001 min  
Response: 38904339  
Conc: 10.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



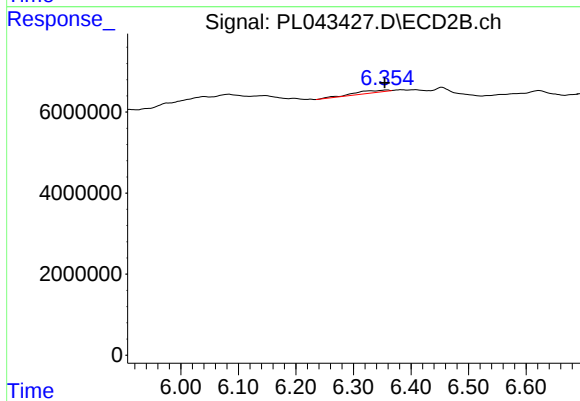
#6 beta-BHC

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 17697479  
Conc: 10.45 ng/ml



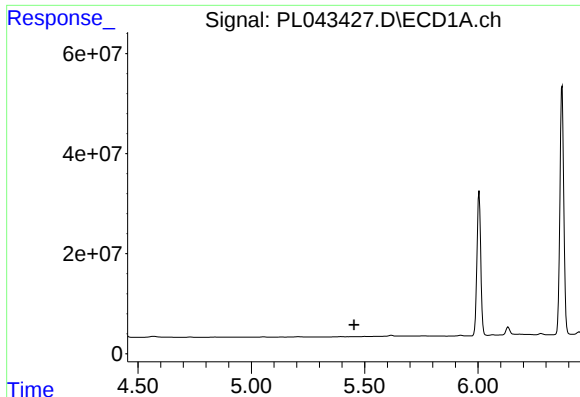
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.508 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

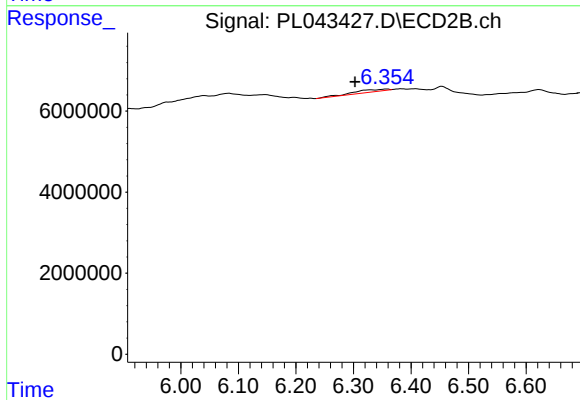
R.T.: 6.357 min  
Delta R.T.: 0.003 min  
Response: 2370237  
Conc: 0.70 ng/ml



#11 alpha-Chlordane

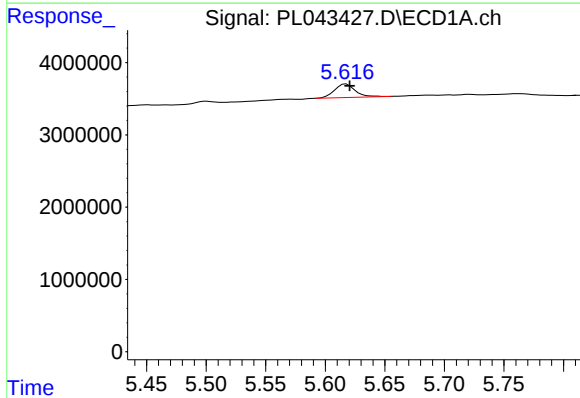
R.T.: 0.000 min  
Exp R.T.: 5.454 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



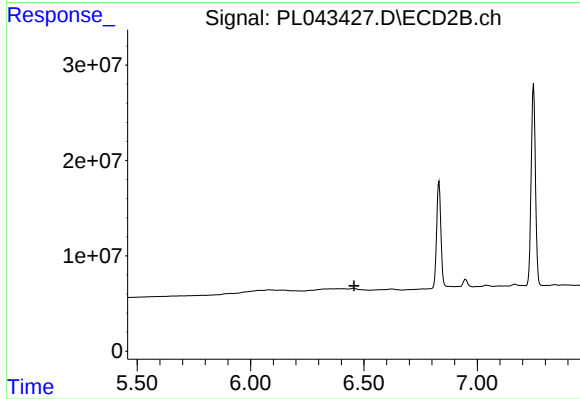
#11 alpha-Chlordane

R.T.: 6.357 min  
Delta R.T.: 0.054 min  
Response: 2370237  
Conc: 0.66 ng/ml



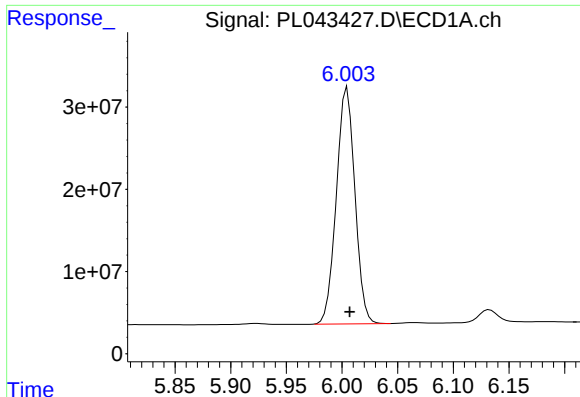
#12 4,4'-DDE

R.T.: 5.618 min  
Delta R.T.: -0.003 min  
Response: 2291308  
Conc: 0.33 ng/ml



#12 4,4'-DDE

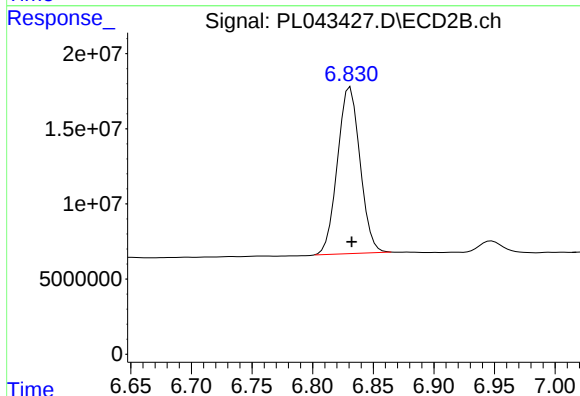
R.T.: 0.000 min  
Exp R.T.: 6.457 min  
Response: 0  
Conc: N.D.



#14 Endrin

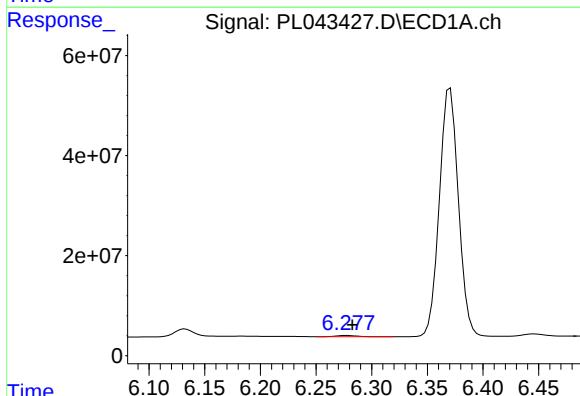
R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 333810470  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



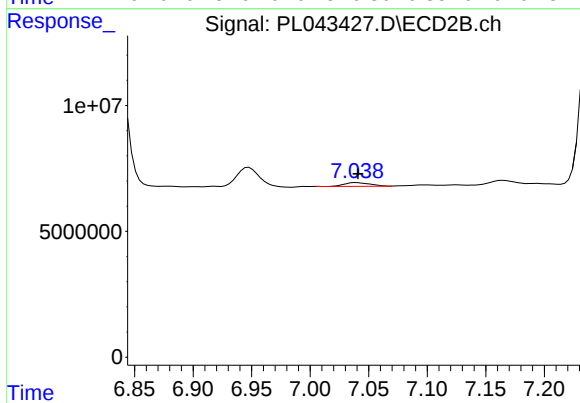
#14 Endrin

R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 143643449  
Conc: 46.01 ng/ml



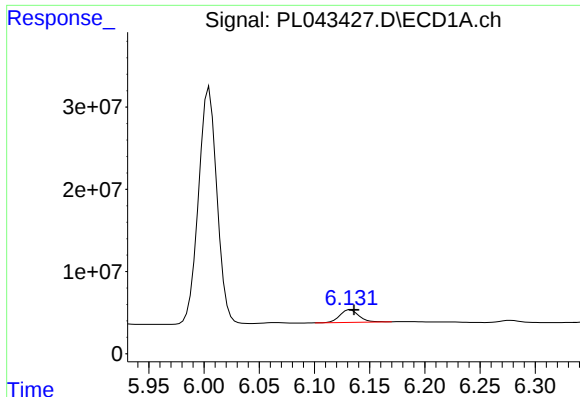
#15 Endosulfan II

R.T.: 6.278 min  
Delta R.T.: -0.005 min  
Response: 3123537  
Conc: 0.47 ng/ml



#15 Endosulfan II

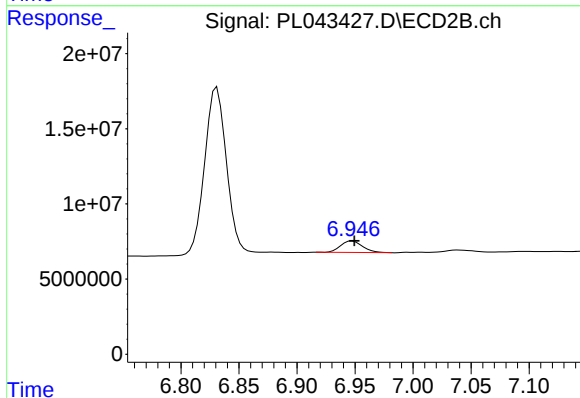
R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 2159877  
Conc: 0.71 ng/ml



#16 4,4'-DDD

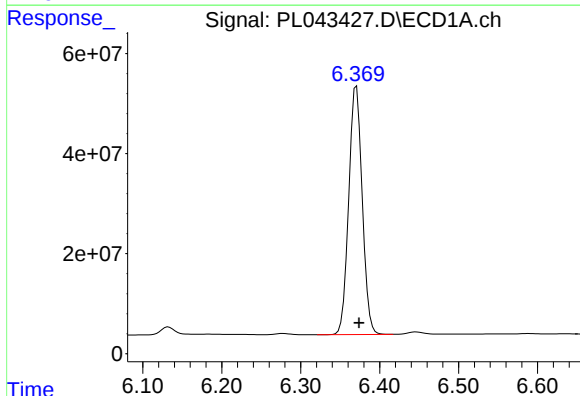
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 18236170  
Conc: 3.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



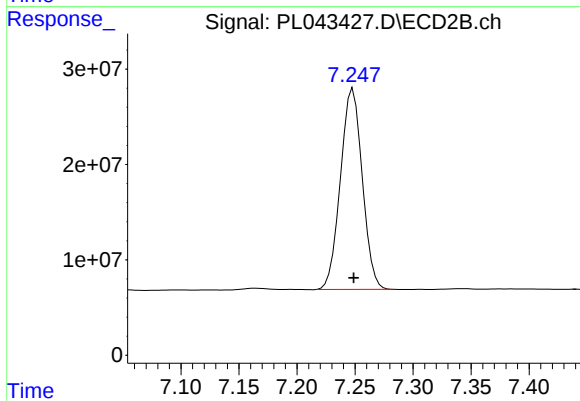
#16 4,4'-DDD

R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 10109341  
Conc: 3.45 ng/ml



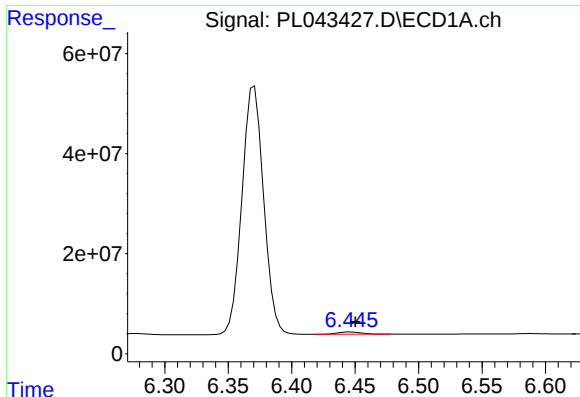
#17 4,4'-DDT

R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 590449008  
Conc: 99.25 ng/ml



#17 4,4'-DDT

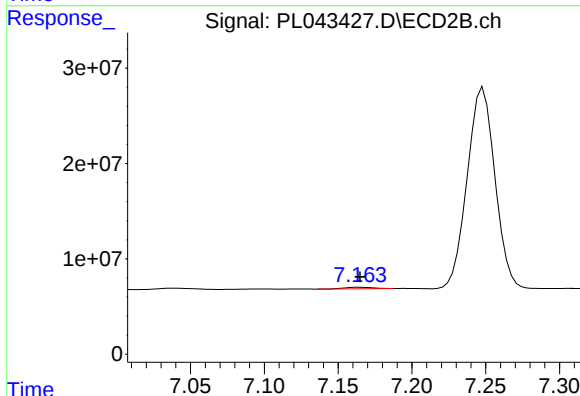
R.T.: 7.248 min  
Delta R.T.: 0.000 min  
Response: 275801655  
Conc: 93.90 ng/ml



#18 Endrin aldehyde

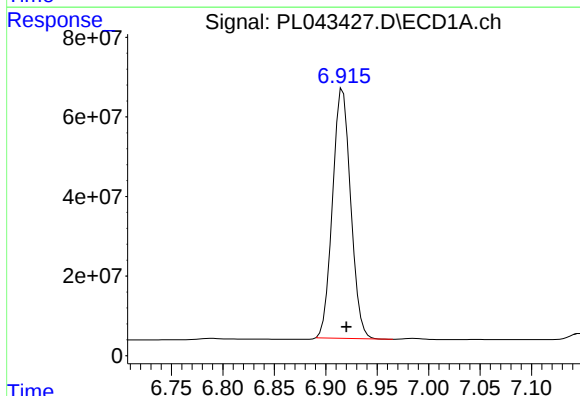
R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 5922460  
Conc: 1.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



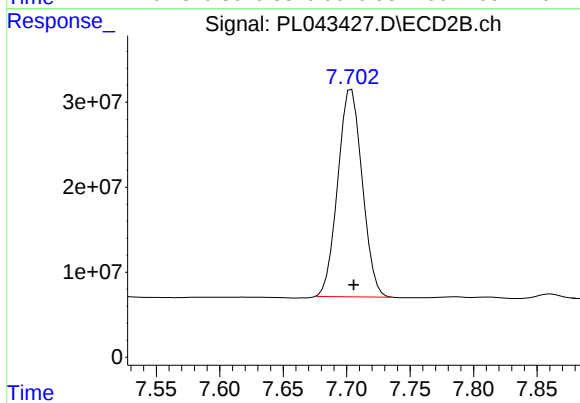
#18 Endrin aldehyde

R.T.: 7.165 min  
Delta R.T.: 0.000 min  
Response: 2010065  
Conc: 0.80 ng/ml



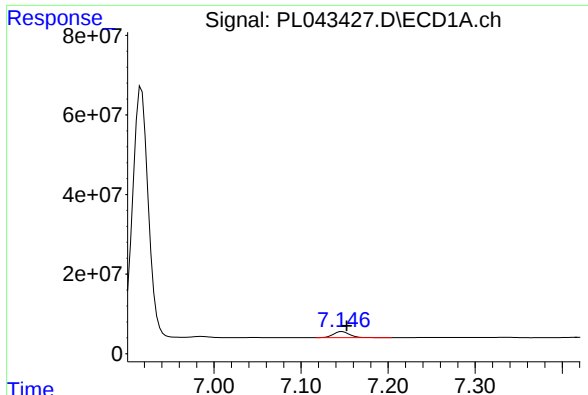
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.004 min  
Response: 769884106  
Conc: 229.45 ng/ml



#20 Methoxychlor

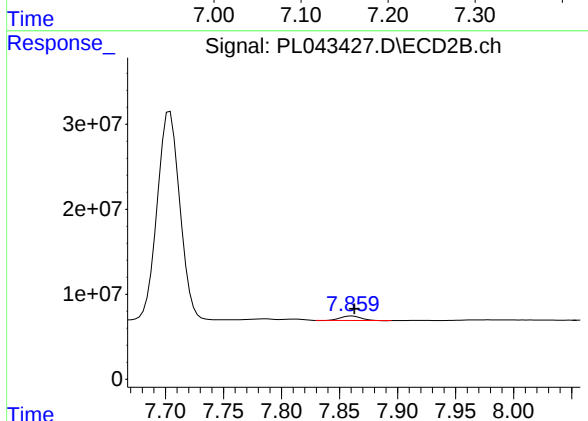
R.T.: 7.704 min  
Delta R.T.: -0.002 min  
Response: 327550122  
Conc: 217.16 ng/ml



#21 Endrin ketone

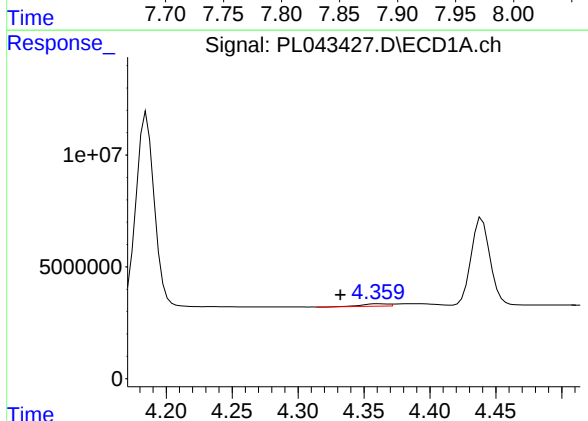
R.T.: 7.147 min  
Delta R.T.: -0.005 min  
Response: 20035840  
Conc: 2.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



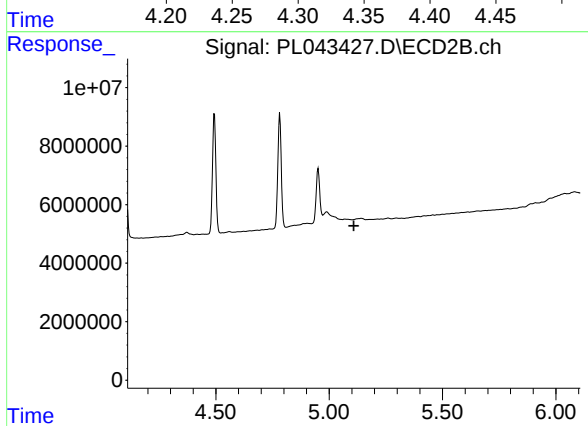
#21 Endrin ketone

R.T.: 7.861 min  
Delta R.T.: -0.002 min  
Response: 6245281  
Conc: 2.04 ng/ml



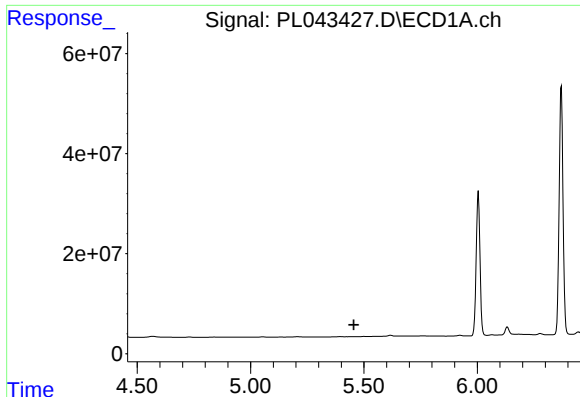
#23 Chlordane-1

R.T.: 4.360 min  
Delta R.T.: 0.028 min  
Response: 1476064  
Conc: 5.49 ng/ml



#23 Chlordane-1

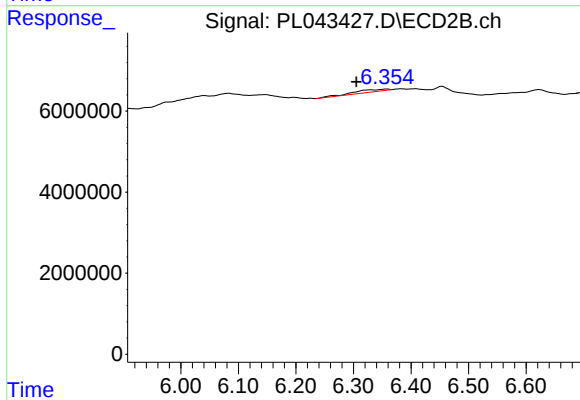
R.T.: 0.000 min  
Exp R.T.: 5.108 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

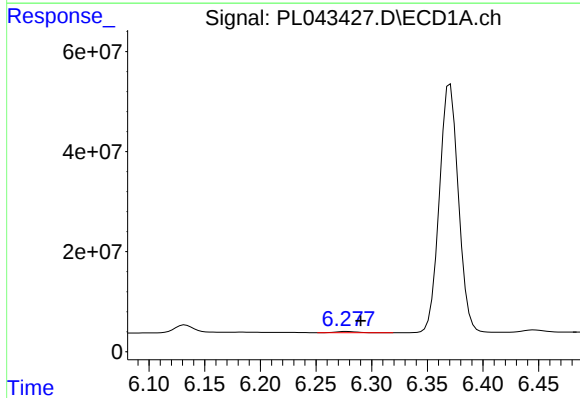
R.T.: 0.000 min  
Exp R.T.: 5.455 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



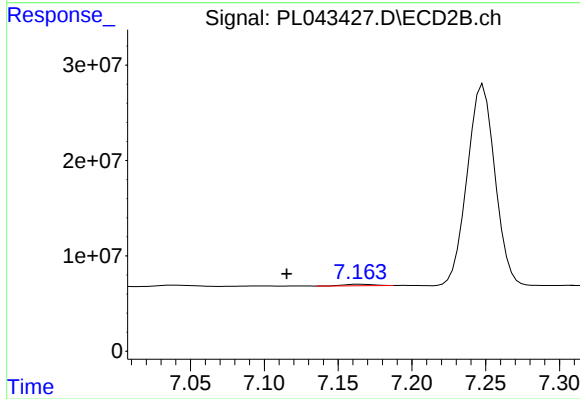
#26 Chlordane-4

R.T.: 6.357 min  
Delta R.T.: 0.052 min  
Response: 2370237  
Conc: 4.15 ng/ml



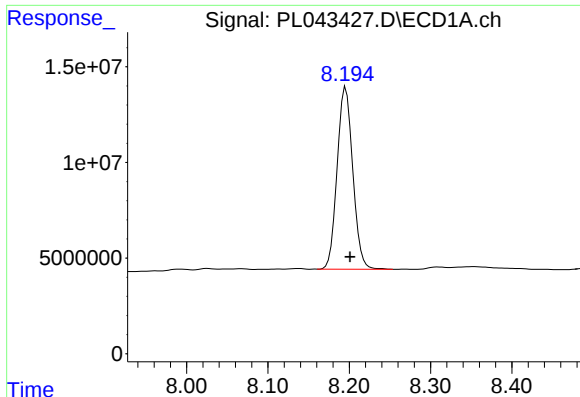
#27 Chlordane-5

R.T.: 6.278 min  
Delta R.T.: -0.012 min  
Response: 3123537  
Conc: 13.02 ng/ml



#27 Chlordane-5

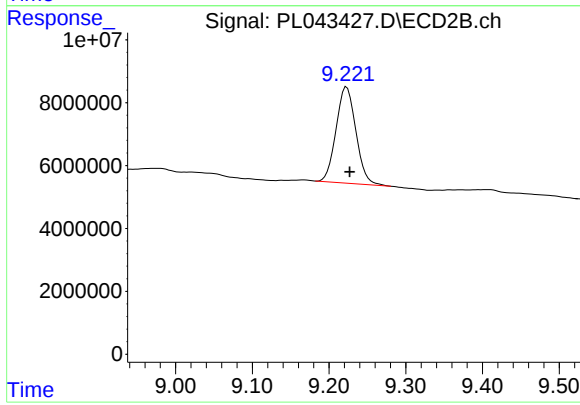
R.T.: 7.165 min  
Delta R.T.: 0.050 min  
Response: 2010065  
Conc: 17.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min  
Delta R.T.: -0.005 min  
Response: 127122634  
Conc: 19.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 55018603  
Conc: 21.09 ng/ml