Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073018\
Data File : PL038706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2018 14:31
Operator : AJ\SJ
Sample : PB111577BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB111577BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:57:14 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 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...	3.329	3.927	137.8E6	52321301	18.510	19.932	
28) SA	Decachlor...	7.996	8.936	136.8E6	48878211	18.036	19.996	
	Target Compounds							
2) A	alpha-BHC	3.758	4.306	555.5E6	201.8E6	47.015	52.140	
3) MA	gamma-BHC...	4.034	4.586	503.0E6	180.9E6	47.975	50.097	
4) MA	Heptachlor	4.317	5.096	498.0E6	176.5E6	46.816	55.207	
5) MB	Aldrin	4.556	5.399	503.7E6	167.1E6	48.123	54.140	
6) B	beta-BHC	4.289	4.749	223.8E6	81271513	47.408	53.578	
7) B	delta-BHC	4.482	4.963	531.0E6	180.9E6	48.922	54.547	
8) B	Heptachlo...	4.993	5.779	473.1E6	144.1E6	50.181	50.703	
9) A	Endosulfan I	5.324	6.132	431.6E6	121.7E6	49.901	47.311	
10) B	gamma-Chl...	5.215	6.012	497.3E6	139.2E6	50.311	48.023	
11) B	alpha-Chl...	5.272	6.085	475.6E6	137.7E6	50.246	48.043	
12) B	4,4'-DDE	5.441	6.241	476.3E6	128.7E6	49.682	48.127	
13) MA	Dieldrin	5.563	6.386	485.1E6	133.1E6	50.475	48.907	
14) MA	Endrin	5.817	6.600	431.1E6	111.3E6	49.622	46.596	
15) B	Endosulfa...	6.092	6.804	413.9E6	102.4E6	52.192	42.642	
16) A	4,4'-DDD	5.952	6.723	420.9E6	95546842	57.376	44.639	
17) MA	4,4'-DDT	6.186	7.022	307.4E6	87504393	41.374	41.043	
18) B	Endrin al...	6.260	6.926	320.7E6	103.3E6	50.370	52.958	
19) B	Endosulfa...	6.470	7.148	392.9E6	96136186	52.012	44.104	
20) A	Methoxychlor	6.734	7.478	170.1E6	52401875	44.203	46.020	
21) B	Endrin ke...	6.953	7.612	400.4E6	112.4E6	51.032	47.154	
23)	Chlordane-1	4.102	4.915	14442374	-68724	41.711	N.D.	#
24)	Chlordane-2	0.000	5.399	0	167.1E6	N.D.	1395.289	#
25)	Chlordane-3	5.215	6.012	497.3E6	139.2E6	427.460	341.329	
26)	Chlordane-4	5.272	6.085	475.6E6	137.7E6	452.372	280.276	#
27)	Chlordane-5	5.817	6.926	431.1E6	103.3E6	2692.349	1153.629	#

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

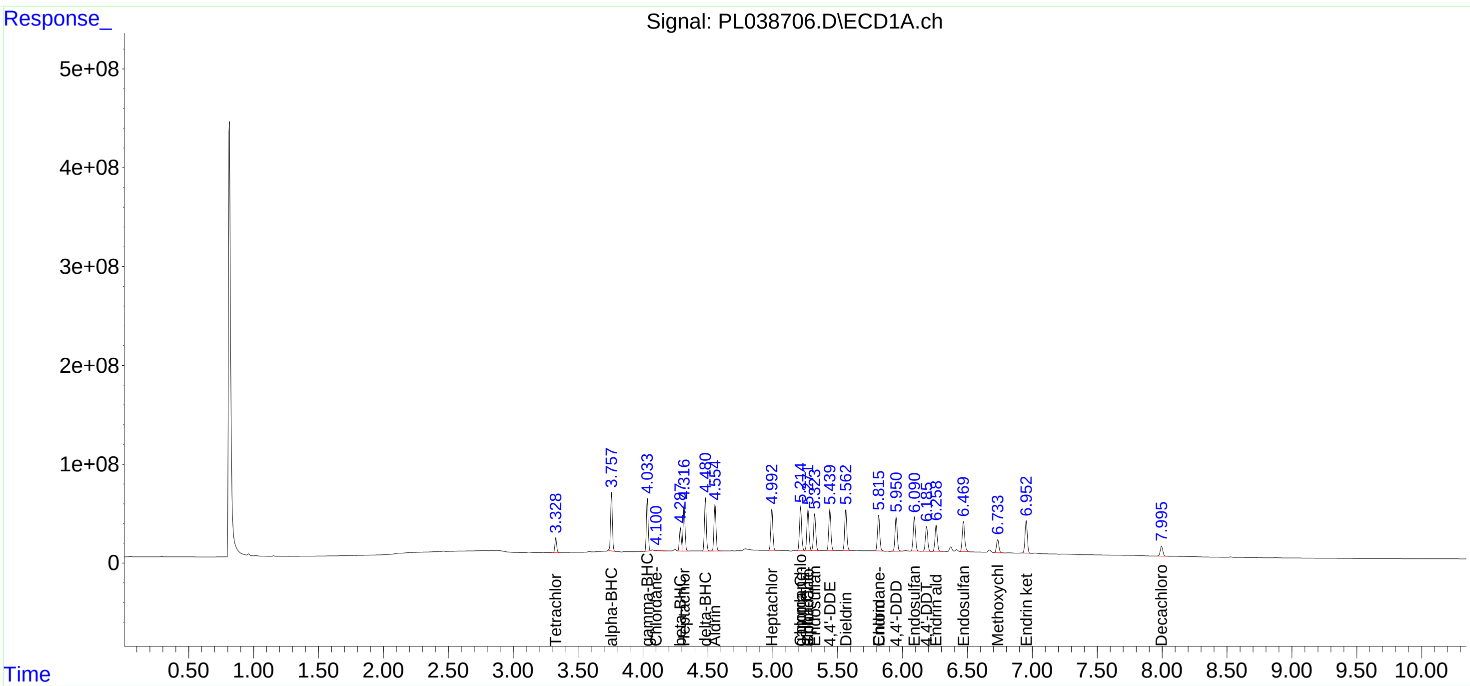
Quantitation Report   (Not Reviewed)

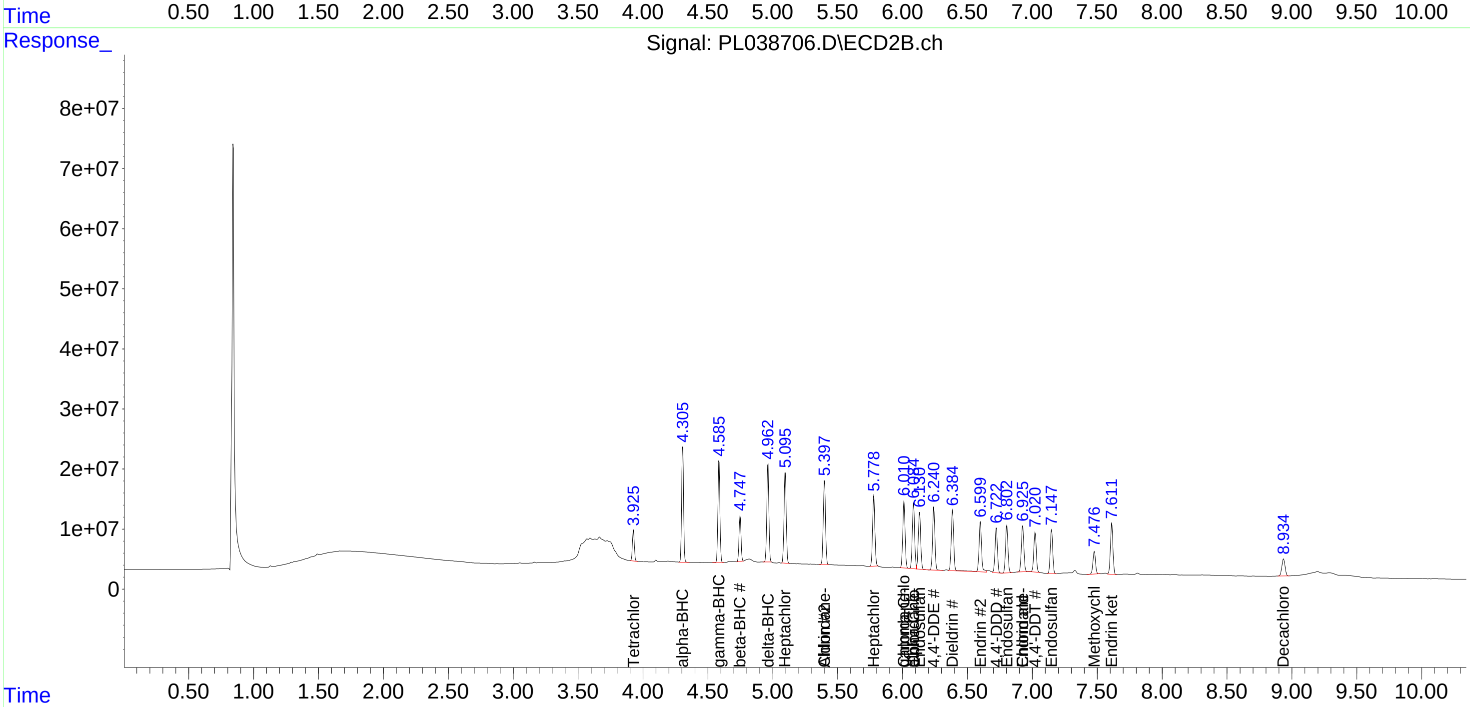
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073018\
Data File : PL038706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On   : 30 Jul 2018 14:31
Operator : AJ\SJ
Sample   : PB111577BS
Misc   :
ALS Vial : 7   Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB111577BS

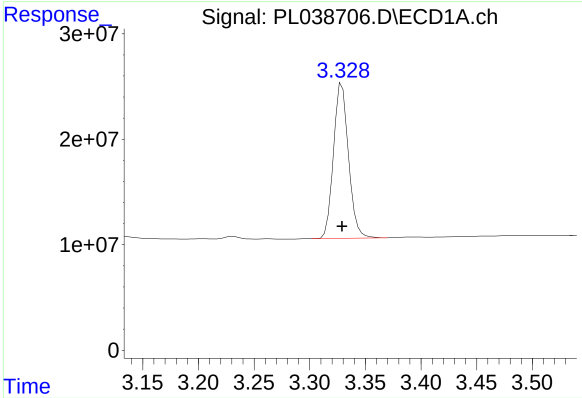
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 00:57:14 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 2018
Response via : Initial Calibration
Integrator: ChemStation

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

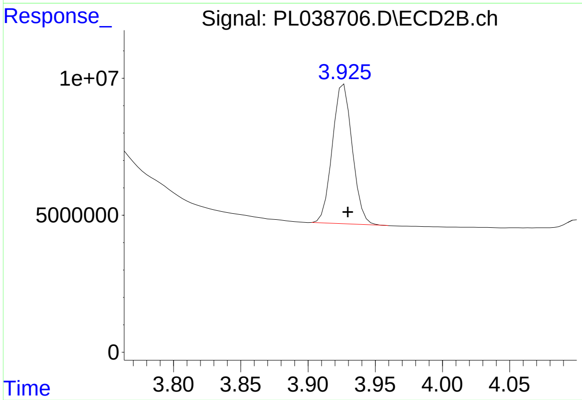




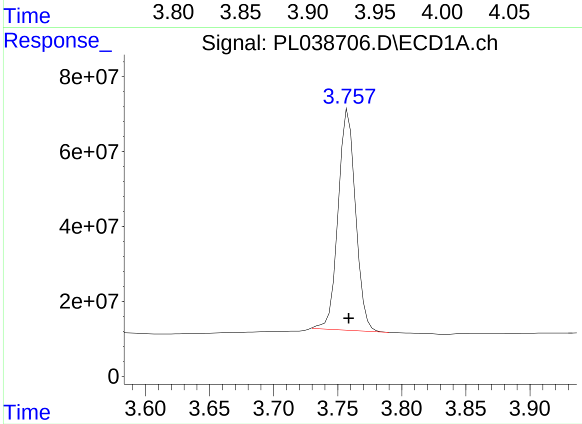
Instrument :
ECD_L
ClientSampleId :
PB111577BS



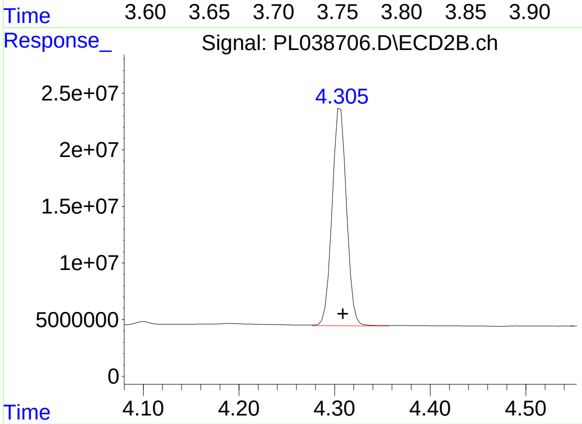

```
#1   Tetrachloro-m-xylene

      R.T.:     3.329 min
Delta R.T.:     0.000 min
  Response: 137830899
      Conc:   18.51 ng/ml
```



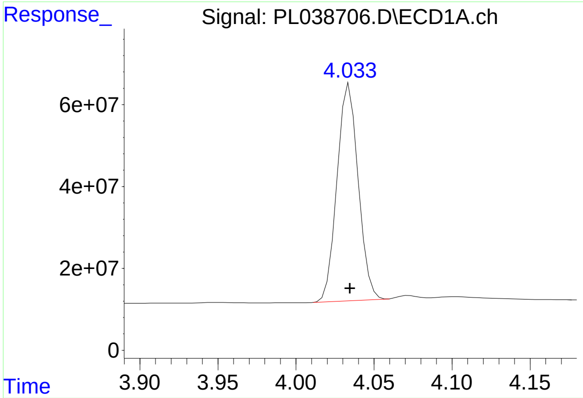

```
#1   Tetrachloro-m-xylene

      R.T.:     3.927 min
Delta R.T.:    -0.003 min
  Response:   52321301
      Conc:   19.93 ng/ml
```




```
#2   alpha-BHC

      R.T.:     3.758 min
Delta R.T.:     0.000 min
  Response: 555505373
      Conc:   47.02 ng/ml
```



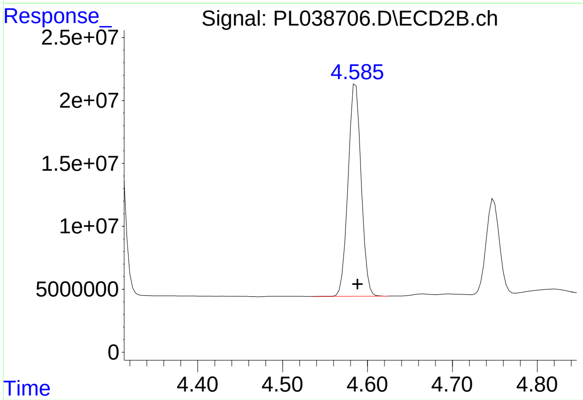

```
#2   alpha-BHC

      R.T.:     4.306 min
Delta R.T.:    -0.002 min
  Response: 201790228
      Conc:   52.14 ng/ml
```



#3 gamma-BHC (Lindane)

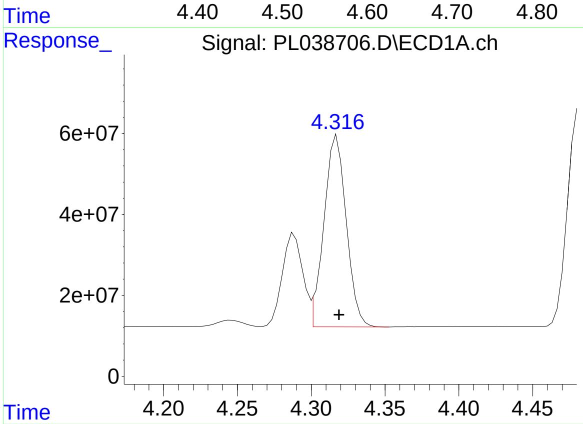
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 502959943
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



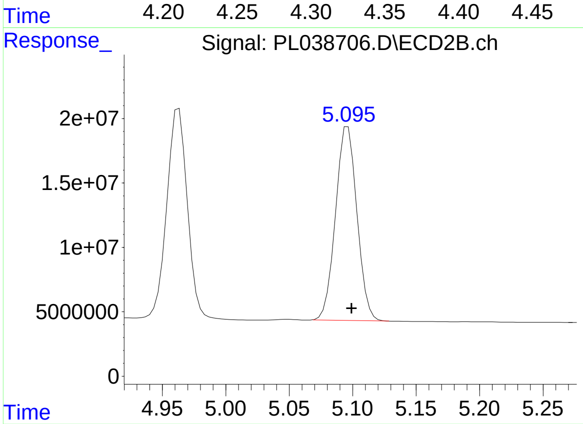
#3 gamma-BHC (Lindane)

R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 180938748
Conc: 50.10 ng/ml



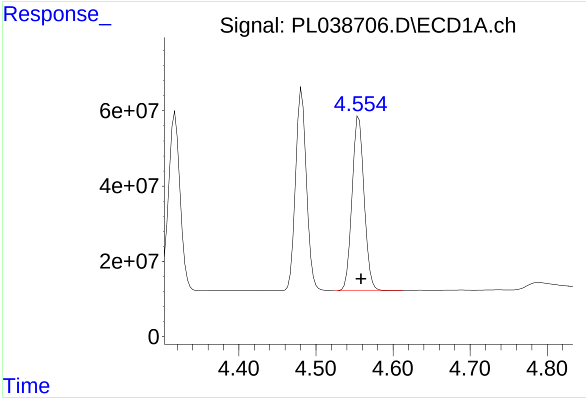
#4 Heptachlor

R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 497997899
Conc: 46.82 ng/ml



#4 Heptachlor

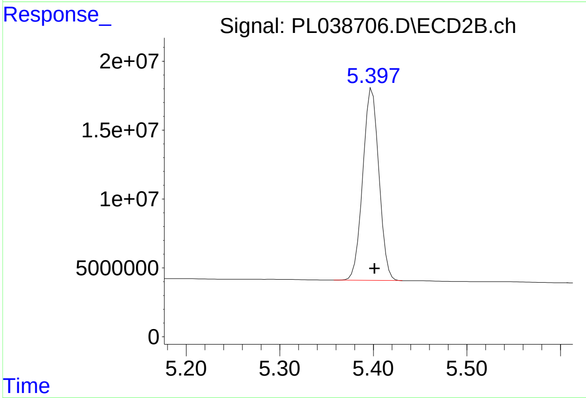
R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 176455594
Conc: 55.21 ng/ml



#5 Aldrin

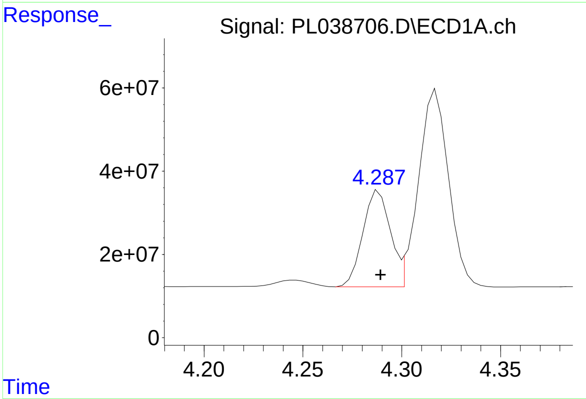
R.T.: 4.556 min
Delta R.T.: -0.003 min
Response: 503725120
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



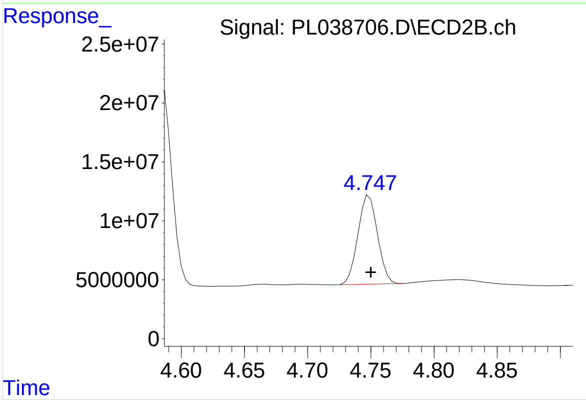
#5 Aldrin

R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 167086005
Conc: 54.14 ng/ml



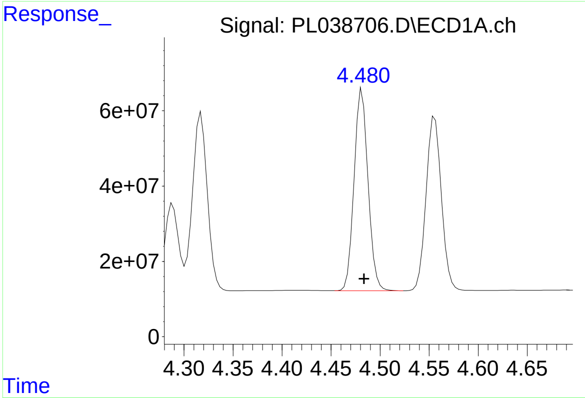
#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 223780270
Conc: 47.41 ng/ml



#6 beta-BHC

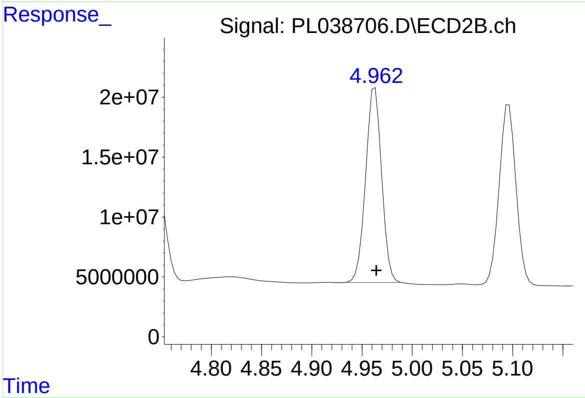
R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 81271513
Conc: 53.58 ng/ml



#7 delta-BHC

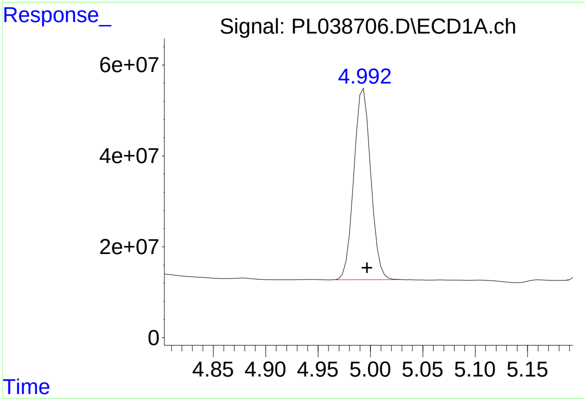
```
      R.T.:    4.482 min
Delta R.T.:   -0.002 min
  Response: 531012390
      Conc:   48.92 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB111577BS



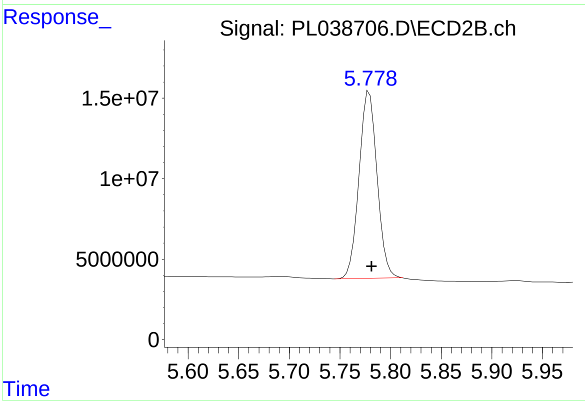
#7 delta-BHC

```
      R.T.:    4.963 min
Delta R.T.:   -0.001 min
  Response: 180909972
      Conc:   54.55 ng/ml
```



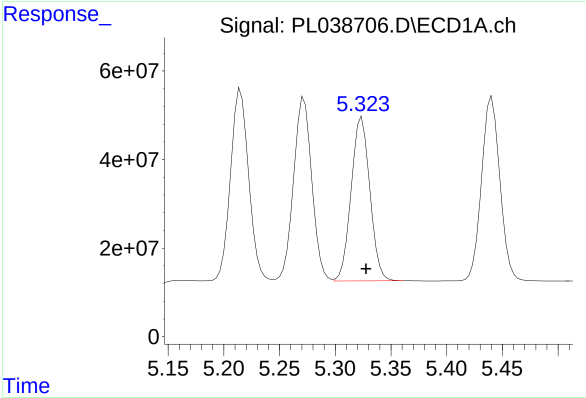
#8 Heptachlor epoxide

```
      R.T.:    4.993 min
Delta R.T.:   -0.003 min
  Response: 473127482
      Conc:   50.18 ng/ml
```

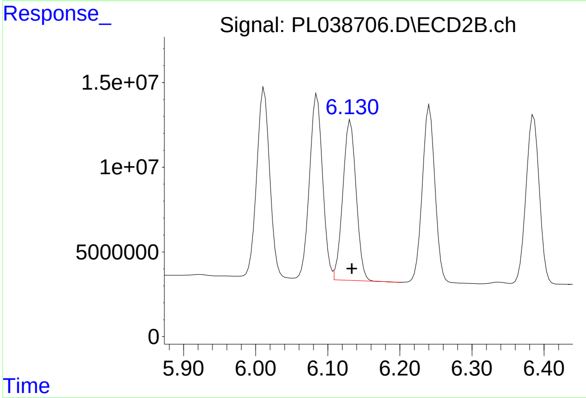


#8 Heptachlor epoxide

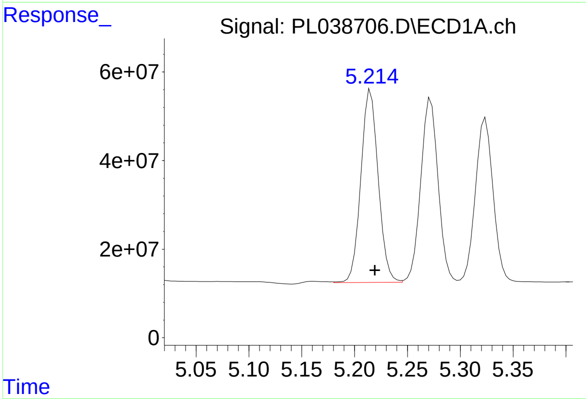
```
      R.T.:    5.779 min
Delta R.T.:   -0.002 min
  Response: 144092137
      Conc:   50.70 ng/ml
```



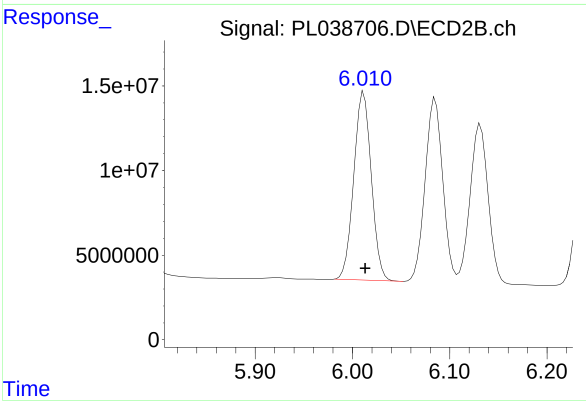

```
#9   Endosulfan I

       R.T.:     5.324 min
Delta R.T.:    -0.004 min
  Response:  431626450
      Conc:   49.90 ng/ml
```




```
#9   Endosulfan I

       R.T.:     6.132 min
Delta R.T.:    -0.002 min
  Response:  121672740
      Conc:   47.31 ng/ml
```

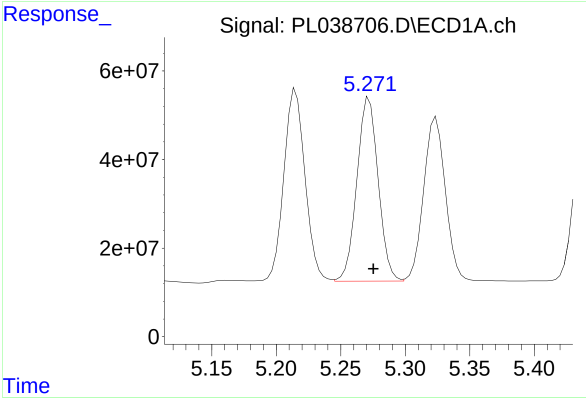



```
#10   gamma-Chlordane

       R.T.:     5.215 min
Delta R.T.:    -0.004 min
  Response:  497277073
      Conc:   50.31 ng/ml
```



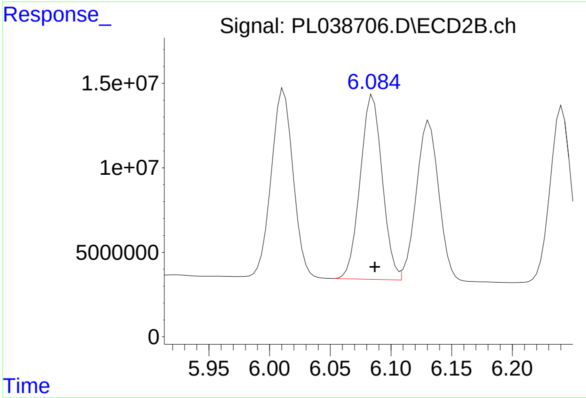

```
#10   gamma-Chlordane

       R.T.:     6.012 min
Delta R.T.:    -0.001 min
  Response:  139228037
      Conc:   48.02 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB111577BS



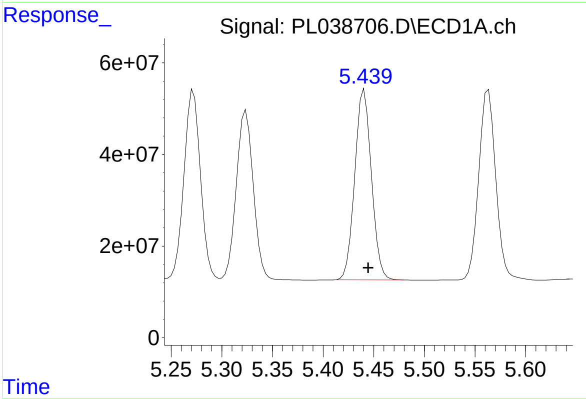
#11 alpha-Chlordane

```
      R.T.:    5.272 min
Delta R.T.:   -0.003 min
  Response: 475615274
      Conc:   50.25 ng/ml
```



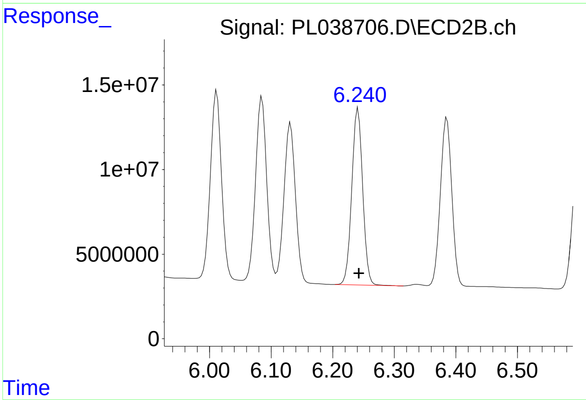
#11 alpha-Chlordane

```
      R.T.:    6.085 min
Delta R.T.:   -0.002 min
  Response: 137703395
      Conc:   48.04 ng/ml
```



#12 4,4'-DDE

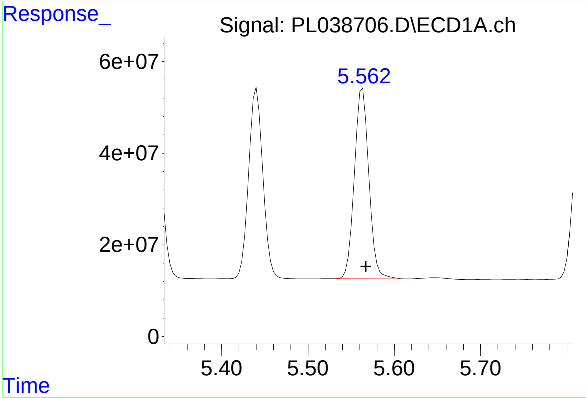
```
      R.T.:    5.441 min
Delta R.T.:   -0.004 min
  Response: 476339225
      Conc:   49.68 ng/ml
```



#12 4,4'-DDE

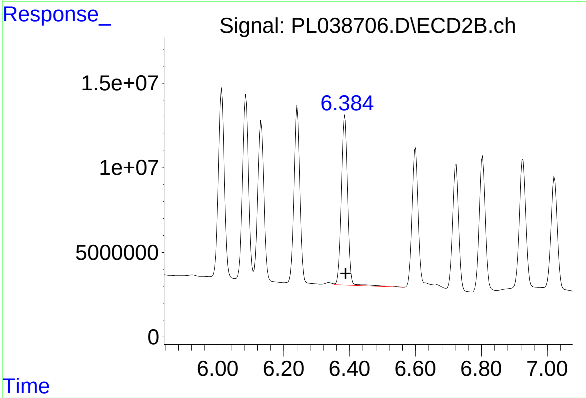
```
      R.T.:    6.241 min
Delta R.T.:   -0.001 min
  Response: 128695538
      Conc:   48.13 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB111577BS



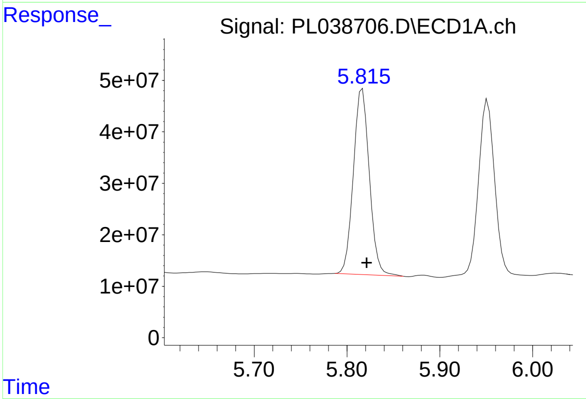
#13 Dieldrin

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 485077781
Conc: 50.48 ng/ml



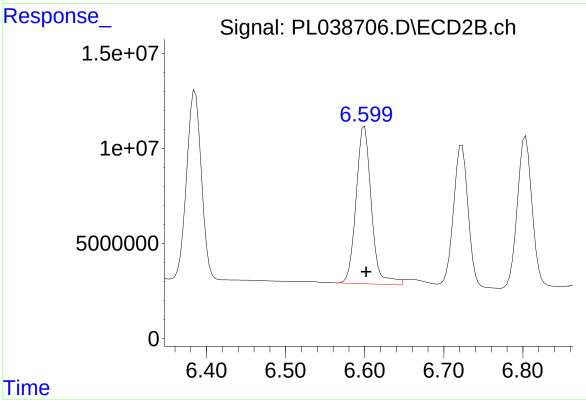
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 133114188
Conc: 48.91 ng/ml



#14 Endrin

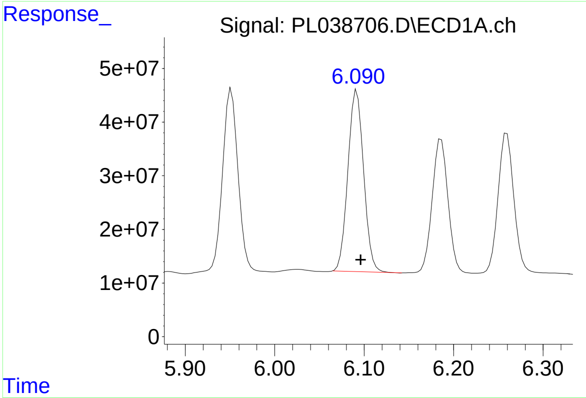
R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 431134436
Conc: 49.62 ng/ml



#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 111278416
Conc: 46.60 ng/ml

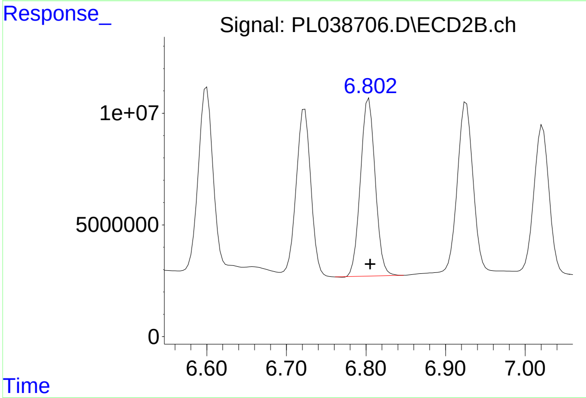
Instrument :
ECD_L
ClientSampleId :
PB111577BS



#15 Endosulfan II

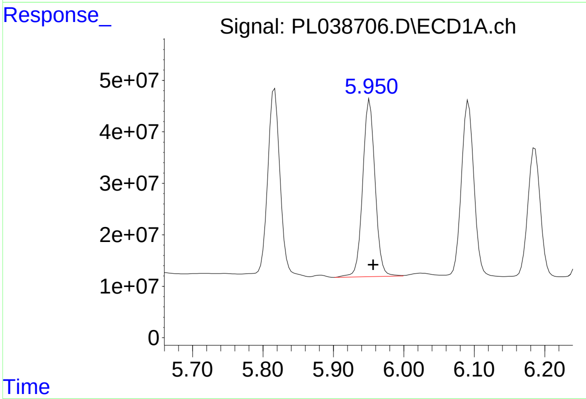
R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 413890787
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



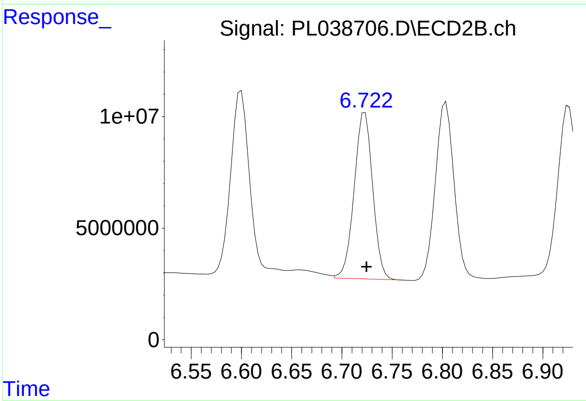
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 102401470
Conc: 42.64 ng/ml



#16 4,4'-DDD

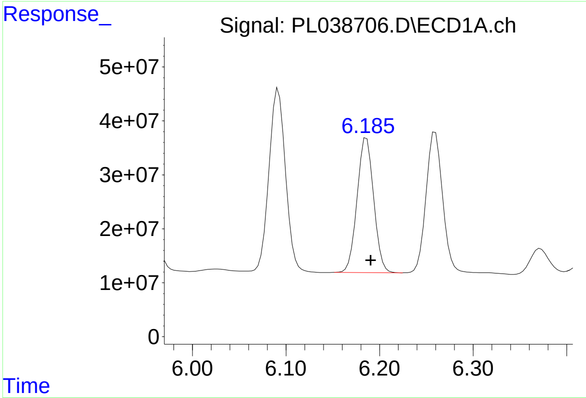
R.T.: 5.952 min
Delta R.T.: -0.005 min
Response: 420887172
Conc: 57.38 ng/ml



#16 4,4'-DDD

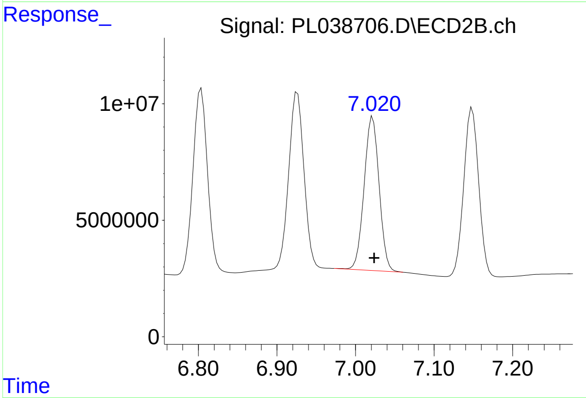
R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 95546842
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



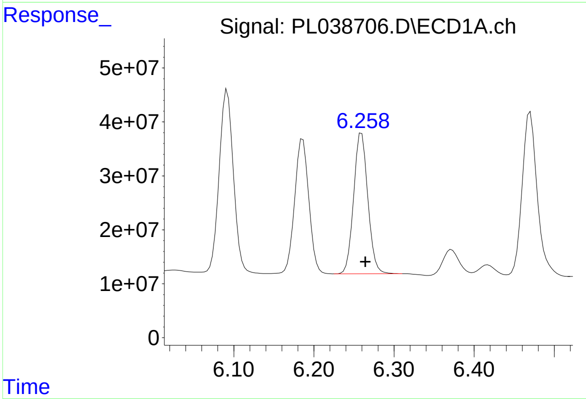
#17 4,4'-DDT

```
      R.T.:    6.186 min
Delta R.T.:   -0.004 min
  Response: 307356705
      Conc:   41.37 ng/ml
```



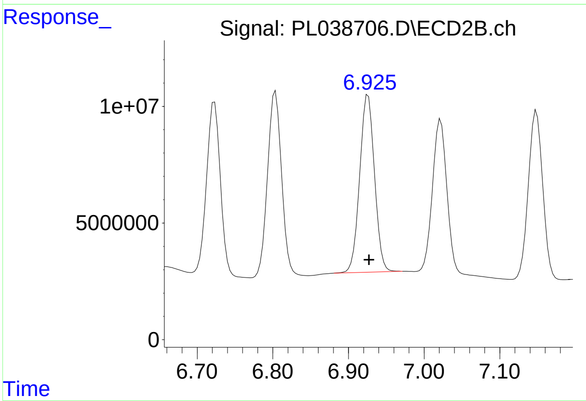
#17 4,4'-DDT

```
      R.T.:    7.022 min
Delta R.T.:   -0.002 min
  Response:   87504393
      Conc:   41.04 ng/ml
```



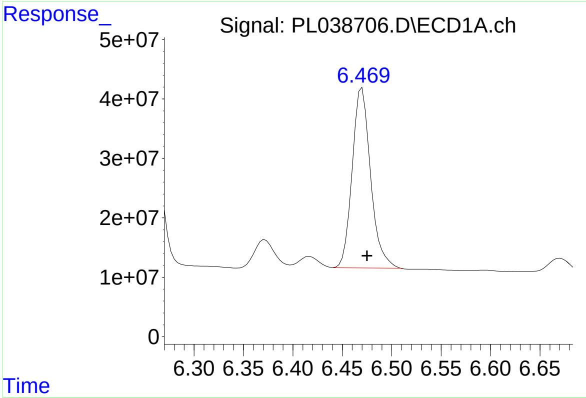
#18 Endrin aldehyde

```
      R.T.:    6.260 min
Delta R.T.:   -0.005 min
  Response: 320736692
      Conc:   50.37 ng/ml
```



#18 Endrin aldehyde

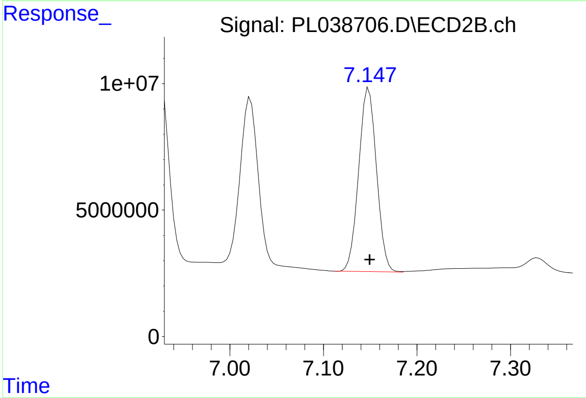
```
      R.T.:    6.926 min
Delta R.T.:   -0.001 min
  Response: 103341560
      Conc:   52.96 ng/ml
```



#19 Endosulfan Sulfate

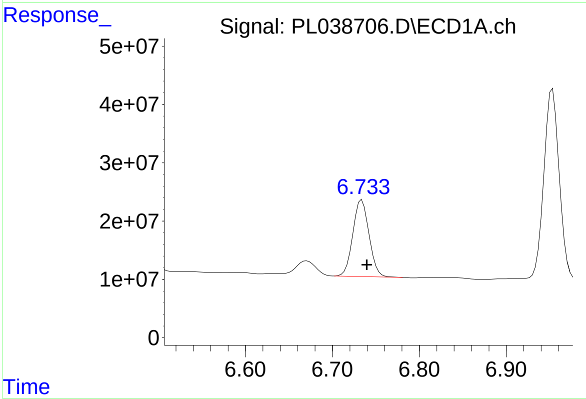
R.T.: 6.470 min
Delta R.T.: -0.005 min
Response: 392863935
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



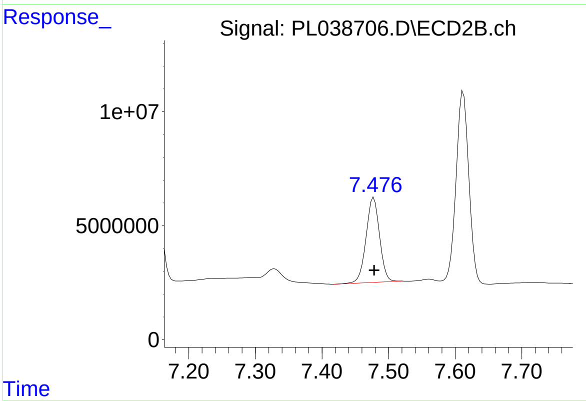
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 96136186
Conc: 44.10 ng/ml



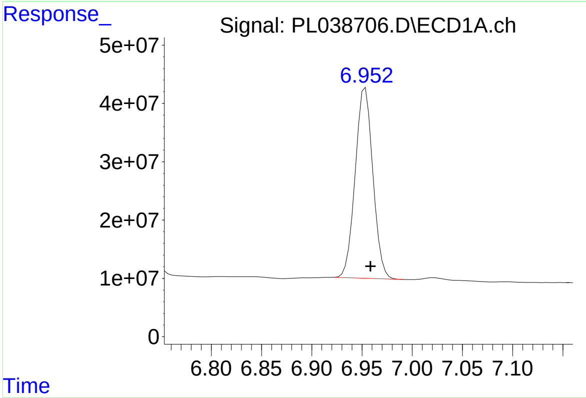
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: -0.006 min
Response: 170071871
Conc: 44.20 ng/ml



#20 Methoxychlor

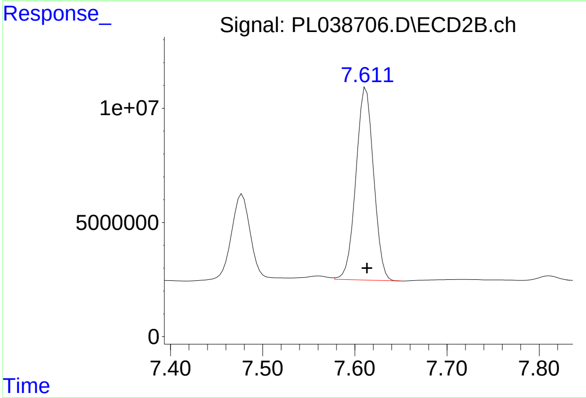
R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 52401875
Conc: 46.02 ng/ml



#21 Endrin ketone

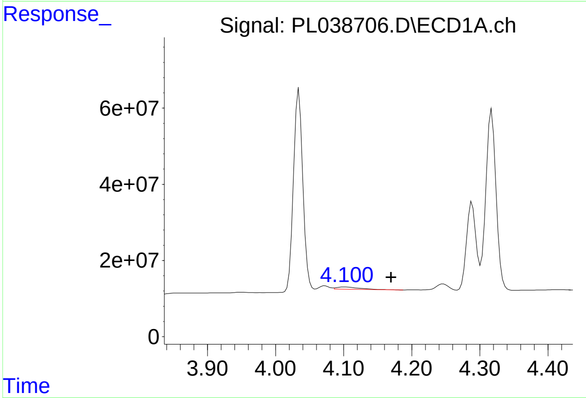
```
      R.T.:    6.953 min
Delta R.T.:   -0.005 min
  Response: 400390906
      Conc:   51.03 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB111577BS



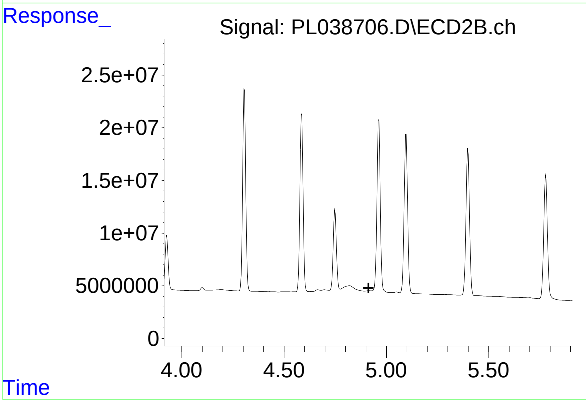
#21 Endrin ketone

```
      R.T.:    7.612 min
Delta R.T.:   -0.001 min
  Response: 112392943
      Conc:   47.15 ng/ml
```



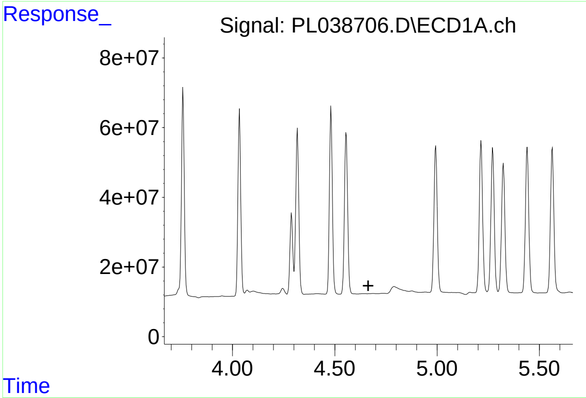
#23 Chlordane-1

```
      R.T.:    4.102 min
Delta R.T.:   -0.068 min
  Response:   14442374
      Conc:   41.71 ng/ml
```



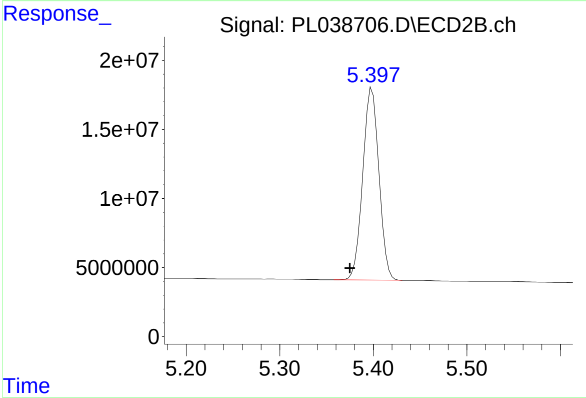
#23 Chlordane-1

```
      R.T.:    4.915 min
Delta R.T.:    0.003 min
  Response:    -68724
      Conc:   N.D.
```

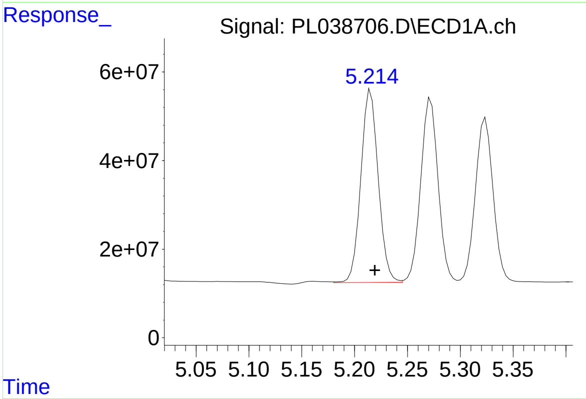



```
#24   Chlordane-2

      R.T.:     0.000 min
Exp R.T.  :     4.663 min
  Response:         0
      Conc:    N.D.
```

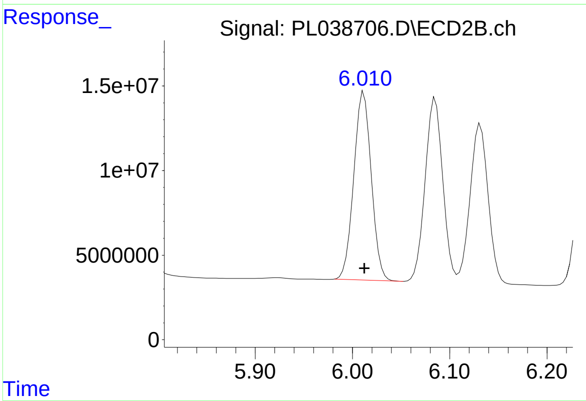
Instrument :
ECD_L
ClientSampleId :
PB111577BS



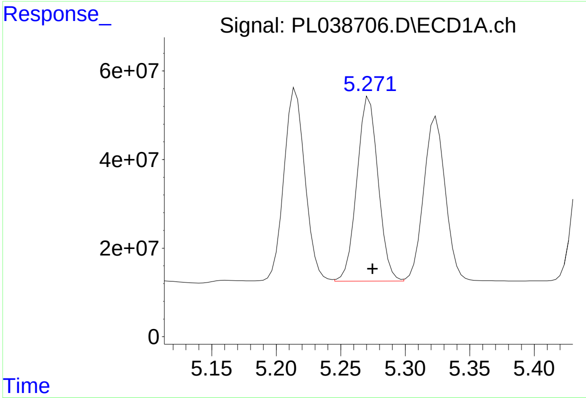

```
#24   Chlordane-2

      R.T.:     5.399 min
Delta R.T.:     0.024 min
  Response: 167086005
      Conc: 1395.29 ng/ml
```




```
#25   Chlordane-3

      R.T.:     5.215 min
Delta R.T.:    -0.004 min
  Response: 497277073
      Conc: 427.46 ng/ml
```



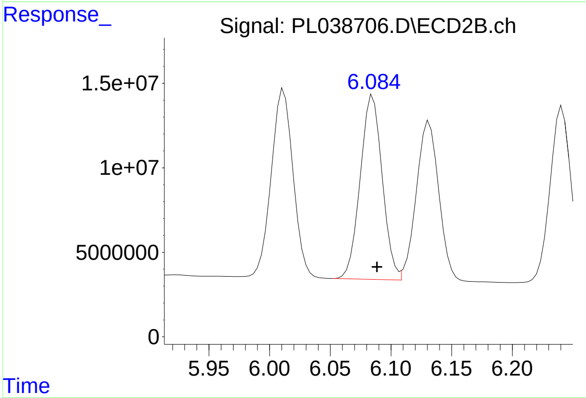

```
#25   Chlordane-3

      R.T.:     6.012 min
Delta R.T.:     0.000 min
  Response: 139228037
      Conc: 341.33 ng/ml
```



#26 Chlordane-4

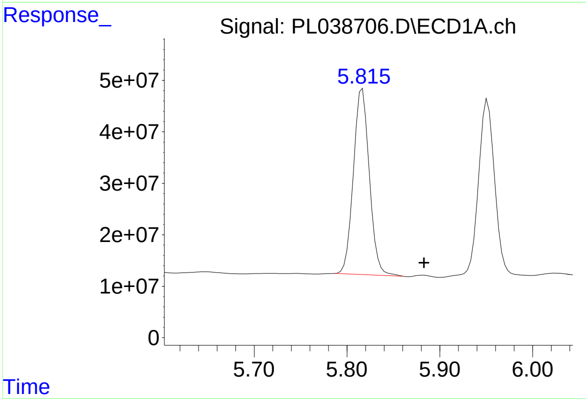
R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 475615274
Conc: 452.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB111577BS



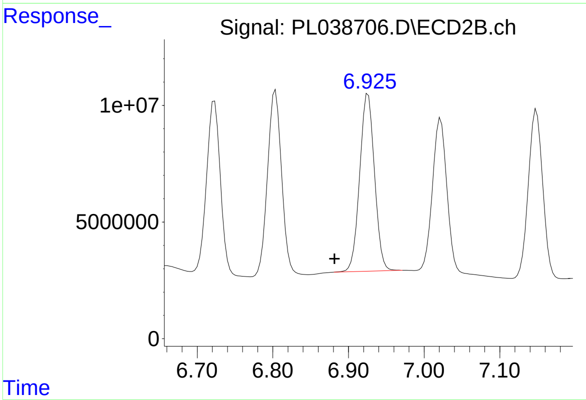
#26 Chlordane-4

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 137703395
Conc: 280.28 ng/ml



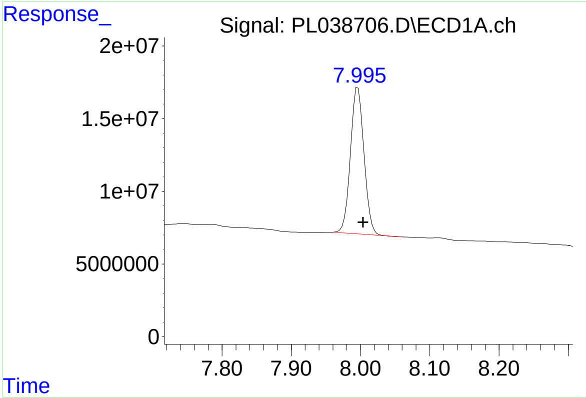
#27 Chlordane-5

R.T.: 5.817 min
Delta R.T.: -0.066 min
Response: 431134436
Conc: 2692.35 ng/ml



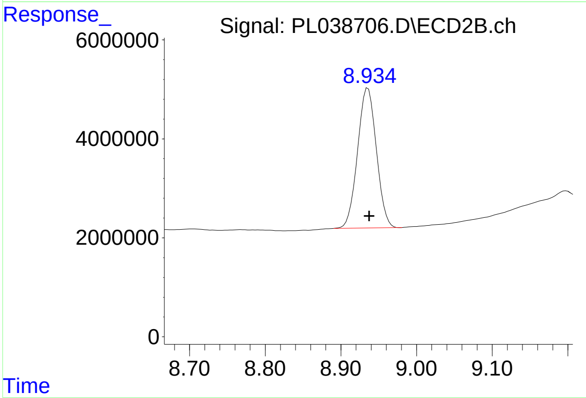
#27 Chlordane-5

R.T.: 6.926 min
Delta R.T.: 0.044 min
Response: 103341560
Conc: 1153.63 ng/ml




```
#28  Decachlorobiphenyl

      R.T.:    7.996 min
Delta R.T.:   -0.007 min
  Response: 136816368
      Conc:  18.04 ng/ml
```

Instrument :
ECD_L
ClientSampleId :
PB111577BS




```
#28  Decachlorobiphenyl

      R.T.:    8.936 min
Delta R.T.:   -0.001 min
  Response:  48878211
      Conc:  20.00 ng/ml
```