Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082073.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2023 18:57
Operator : AR\AJ
Sample : 02283-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 22:53:08 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

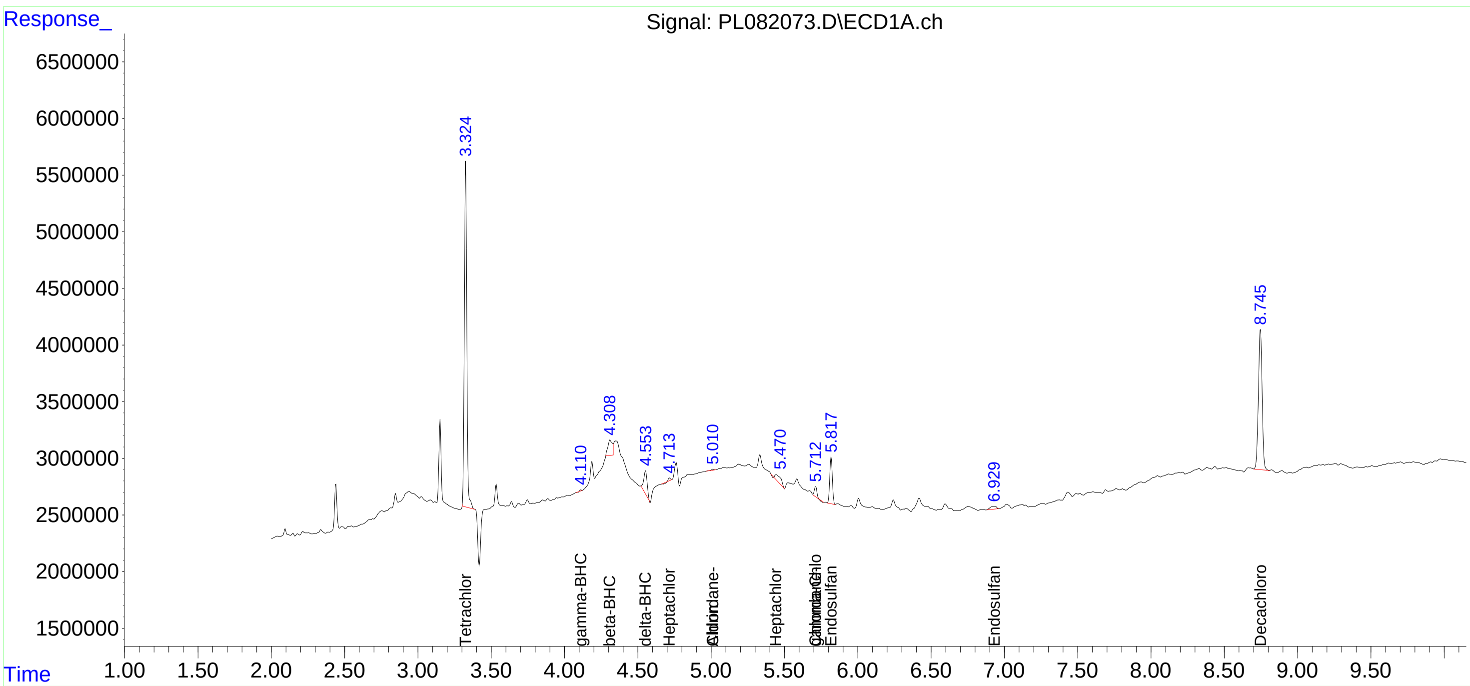
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.326	2.653	35557036	34025026	15.288	17.045	
28)	SA	Decachlor...	8.747	7.767	21913127	25939368	12.244	13.079	
		Target Compounds							
3)	MA	gamma-BHC...	4.111	3.492	56074	877239	0.018	0.315	#
4)	MA	Heptachlor	4.716f	3.832	124892	232835	0.040	0.081	#
5)	MB	Aldrin	5.012f	4.069f	123584	9144951	0.043	3.432	#
6)	B	beta-BHC	4.310	3.778	2872450	-28956	1.908	N.D.	#
7)	B	delta-BHC	4.553	4.008	3374883	98897	1.110	0.038	#
8)	B	Heptachlo...	5.443	4.625f	1715005	170421	0.631	0.070	#
9)	A	Endosulfan I	5.819f	4.990f	5151620	430224	2.085	0.195	#
10)	B	gamma-Chl...	5.713	4.874f	1018960	4520785	0.388	1.860	#
12)	B	4,4'-DDE	0.000	5.091	0	201464	N.D.	0.102	#
15)	B	Endosulfa...	0.000	5.826f	0	127815	N.D.	0.070	#
17)	MA	4,4'-DDT	0.000	5.889f	0	308729	N.D.	0.179	#
18)	B	Endrin al...	0.000	5.992	0	73613	N.D.	0.047	#
19)	B	Endosulfa...	6.930	6.200	703721	87388	0.338	0.045	#
20)	A	Methoxychlor	0.000	6.501f	0	288368	N.D.	0.290	#
22)		Mirex	0.000	6.869	0	38516	N.D.	0.020	#
23)		Chlordane-1	0.000	3.673f	0	1626169	N.D.	21.112	#
24)		Chlordane-2	5.012	4.229	123584	65534	1.187	0.702	#
25)		Chlordane-3	5.713	4.874f	1018960	4520785	2.572	17.949	#
27)		Chlordane-5	0.000	5.585	0	697124	N.D.	10.445	#

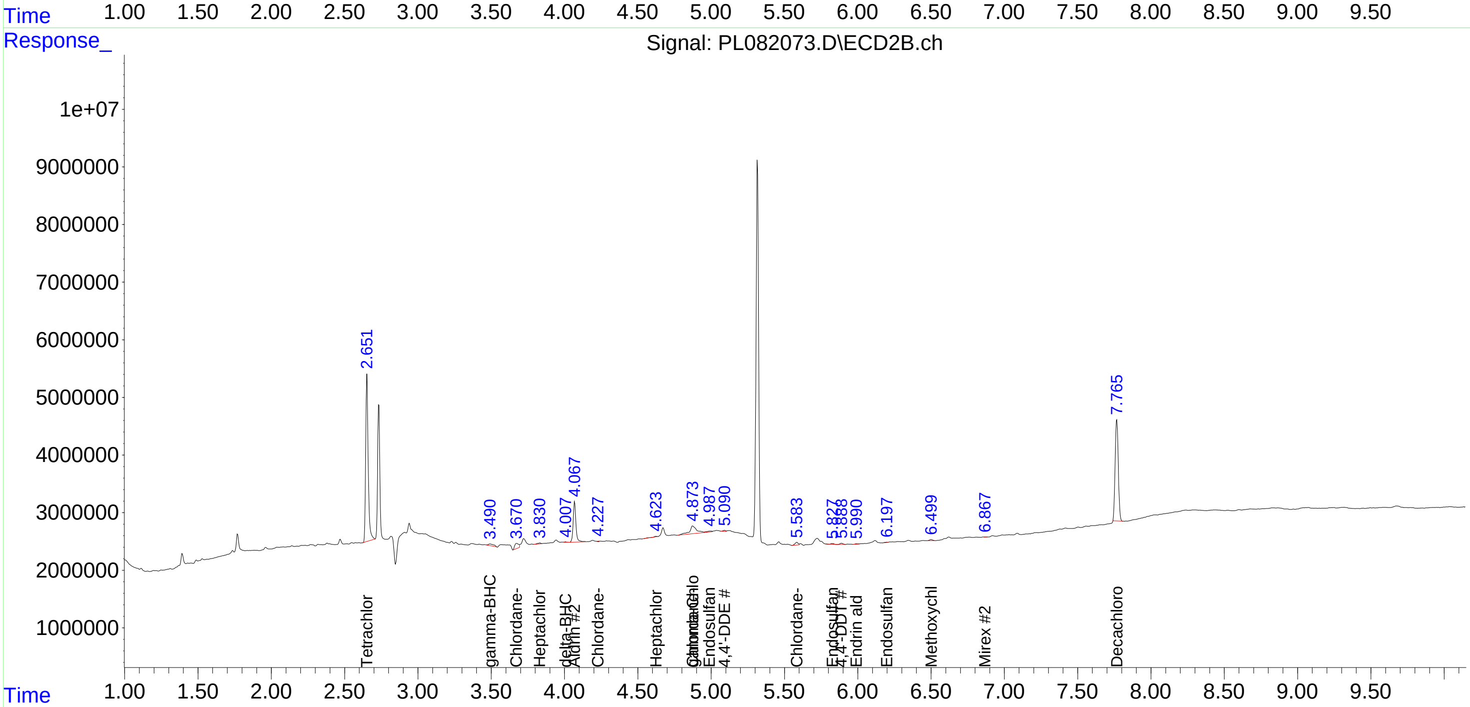
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

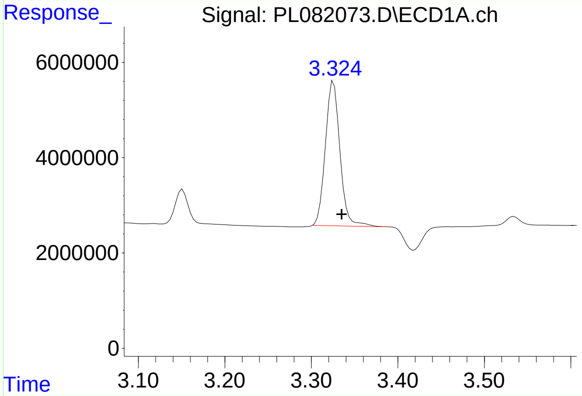
Quantitation Report (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082073.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 13 Apr 2023  18:57
Operator  : AR\AJ
Sample    : O2283-05
Misc      :
ALS Vial  : 18   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 22:53:08 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
```

Instrument :
ECD_L
ClientSampleId :



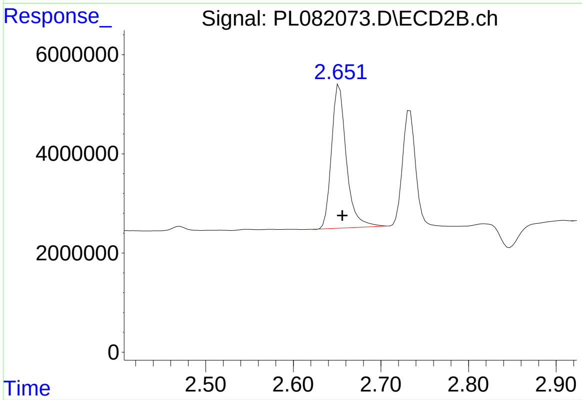




#1 Tetrachloro-m-xylene

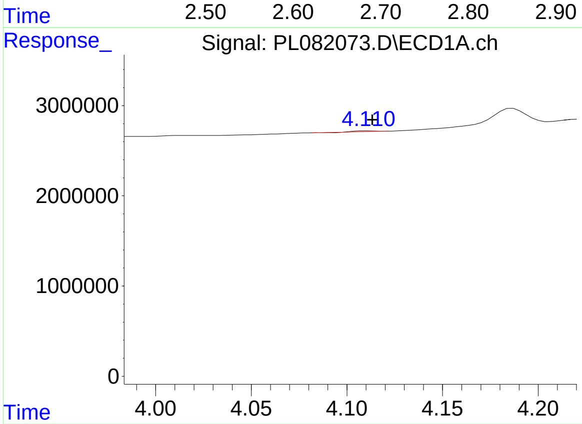
R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 35557036
Conc: 15.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



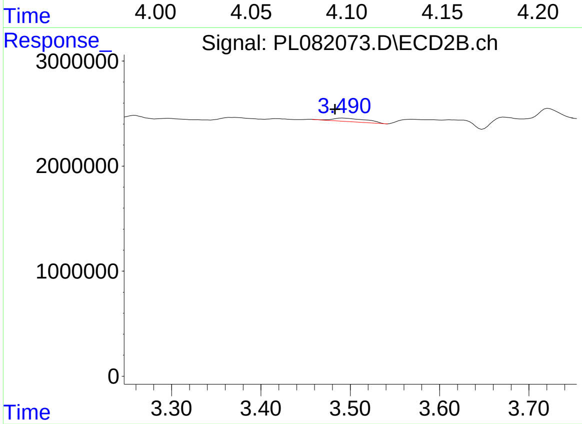
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 34025026
Conc: 17.05 ng/ml



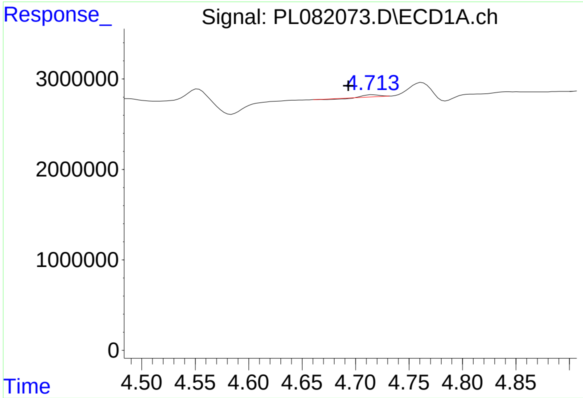
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.002 min
Response: 56074
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

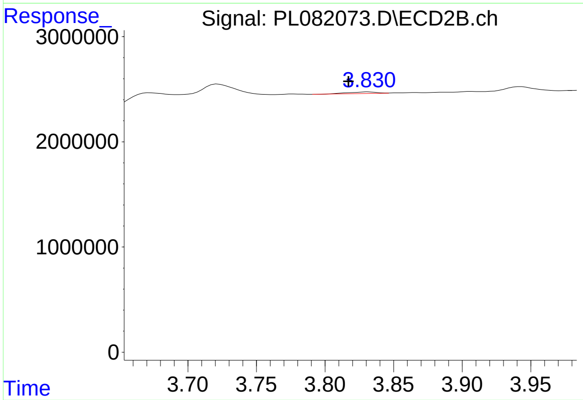
R.T.: 3.492 min
Delta R.T.: 0.009 min
Response: 877239
Conc: 0.32 ng/ml



#4 Heptachlor

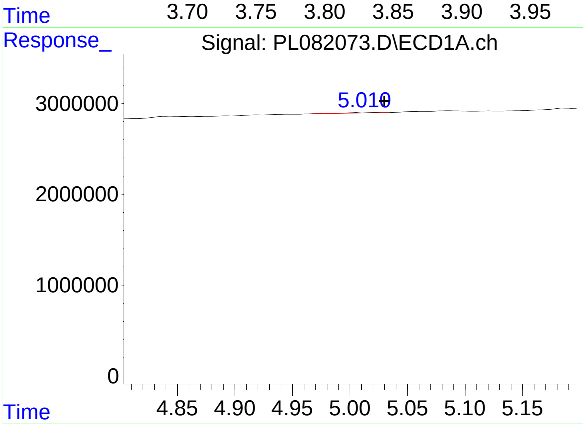
R.T.: 4.716 min
Delta R.T.: 0.023 min
Response: 124892
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



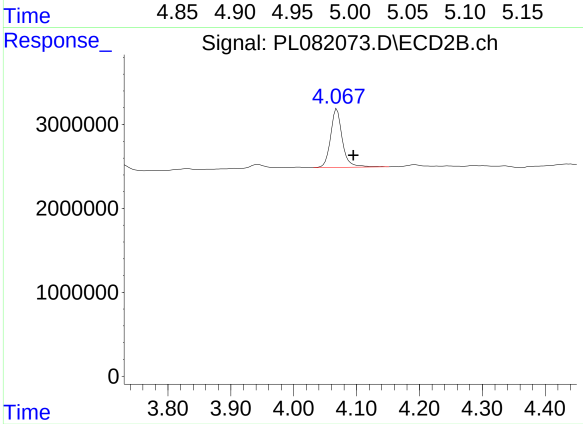
#4 Heptachlor

R.T.: 3.832 min
Delta R.T.: 0.015 min
Response: 232835
Conc: 0.08 ng/ml



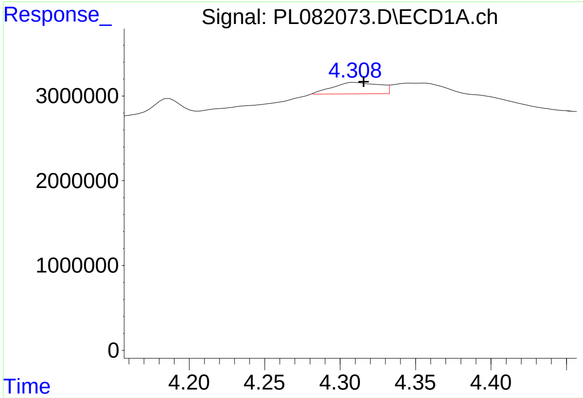
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.018 min
Response: 123584
Conc: 0.04 ng/ml



#5 Aldrin

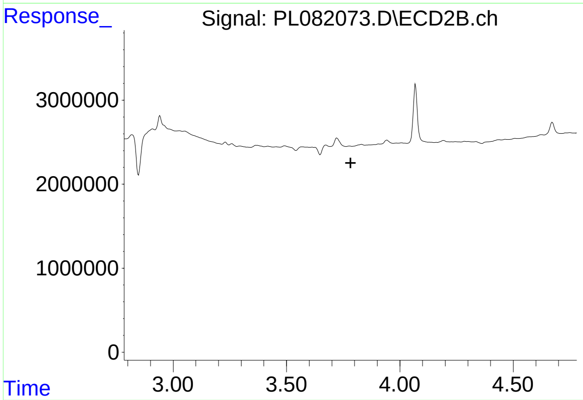
R.T.: 4.069 min
Delta R.T.: -0.026 min
Response: 9144951
Conc: 3.43 ng/ml



#6 beta-BHC

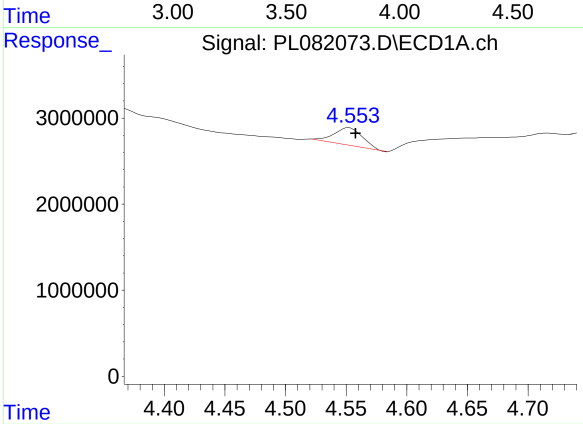
```
      R.T.:    4.310 min
Delta R.T.:   -0.006 min
  Response:   2872450
      Conc:   1.91 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



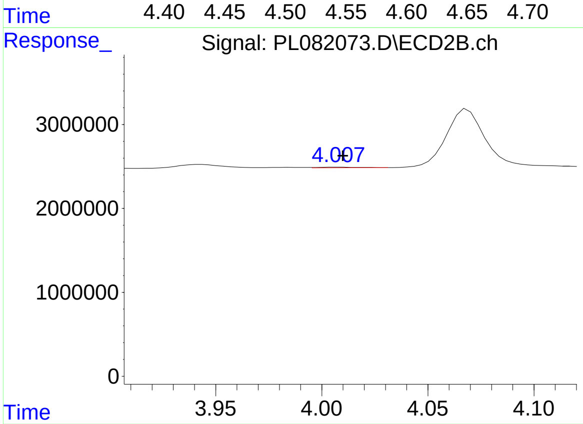
#6 beta-BHC

```
      R.T.:    3.778 min
Delta R.T.:   -0.004 min
  Response:    -28956
      Conc:   N.D.
```



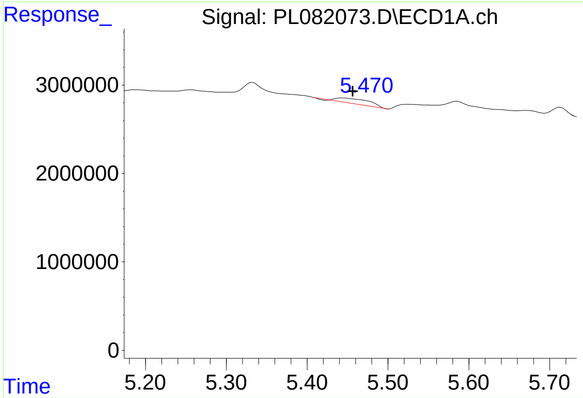
#7 delta-BHC

```
      R.T.:    4.553 min
Delta R.T.:   -0.005 min
  Response:   3374883
      Conc:   1.11 ng/ml
```



#7 delta-BHC

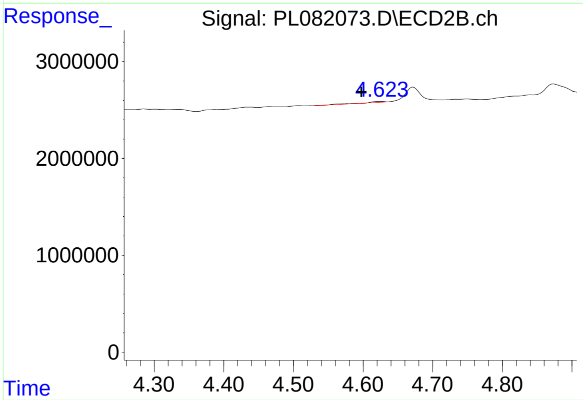
```
      R.T.:    4.008 min
Delta R.T.:   -0.002 min
  Response:     98897
      Conc:   0.04 ng/ml
```



#8 Heptachlor epoxide

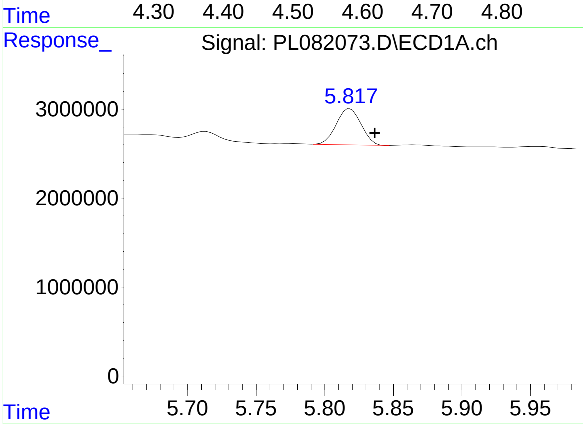
R.T.: 5.443 min
Delta R.T.: -0.013 min
Response: 1715005
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



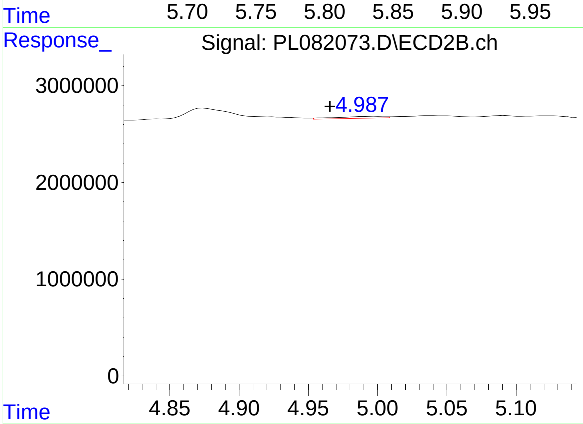
#8 Heptachlor epoxide

R.T.: 4.625 min
Delta R.T.: 0.027 min
Response: 170421
Conc: 0.07 ng/ml



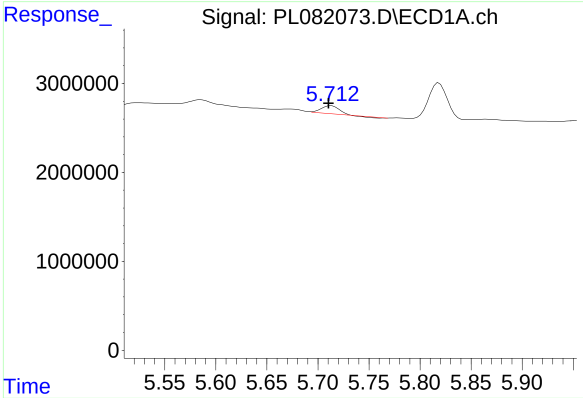
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.018 min
Response: 5151620
Conc: 2.08 ng/ml



#9 Endosulfan I

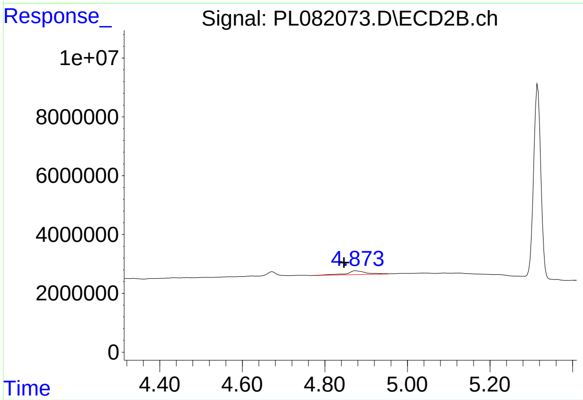
R.T.: 4.990 min
Delta R.T.: 0.024 min
Response: 430224
Conc: 0.19 ng/ml



#10 gamma-Chlordane

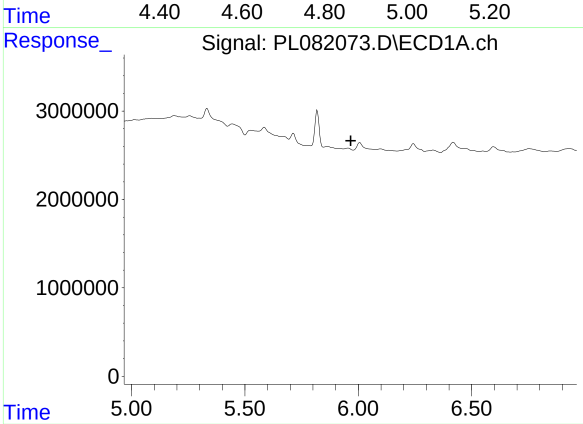
R.T.: 5.713 min
Delta R.T.: 0.003 min
Response: 1018960
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



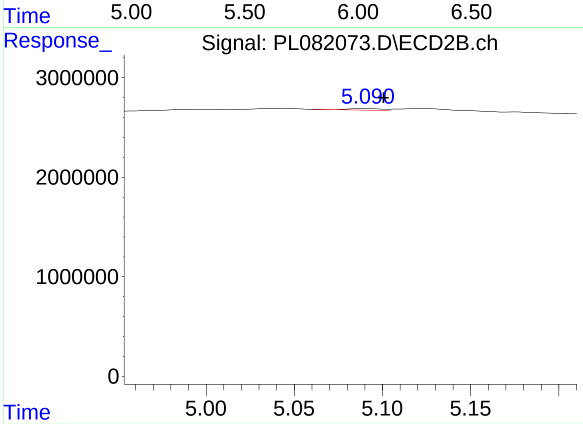
#10 gamma-Chlordane

R.T.: 4.874 min
Delta R.T.: 0.028 min
Response: 4520785
Conc: 1.86 ng/ml



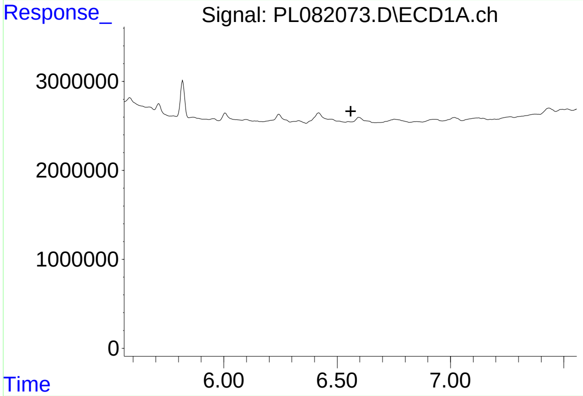
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.967 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

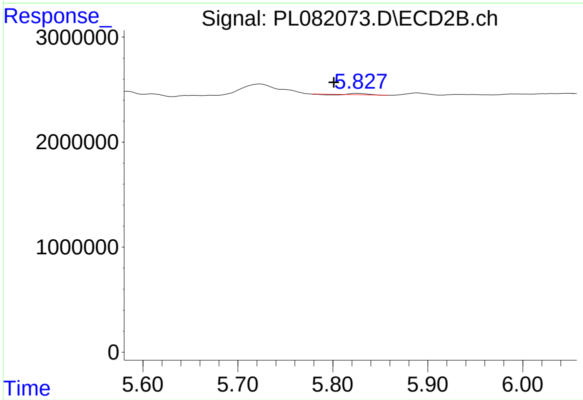
R.T.: 5.091 min
Delta R.T.: -0.009 min
Response: 201464
Conc: 0.10 ng/ml



#15 Endosulfan II

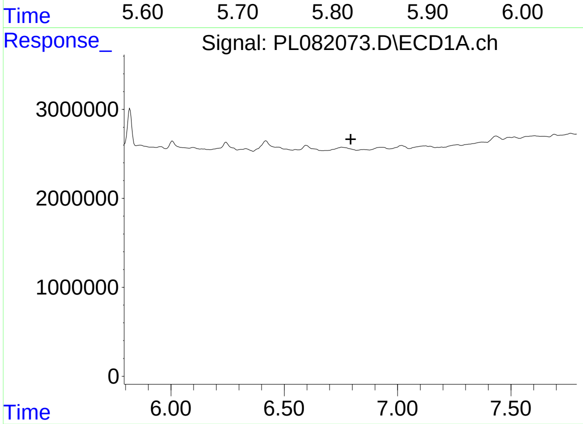
R.T.: 0.000 min
Exp R.T. : 6.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



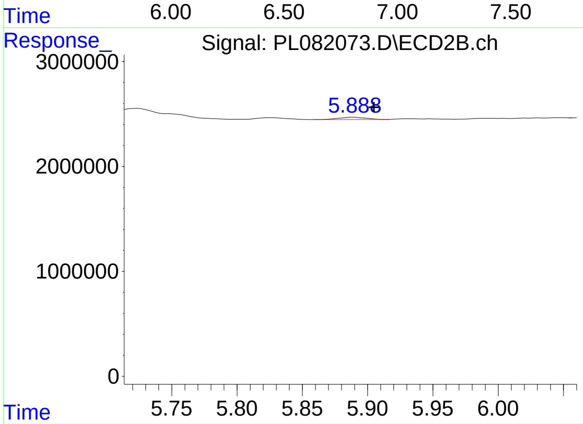
#15 Endosulfan II

R.T.: 5.826 min
Delta R.T.: 0.025 min
Response: 127815
Conc: 0.07 ng/ml



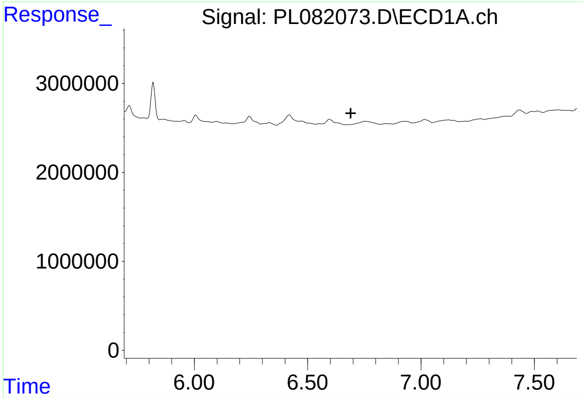
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

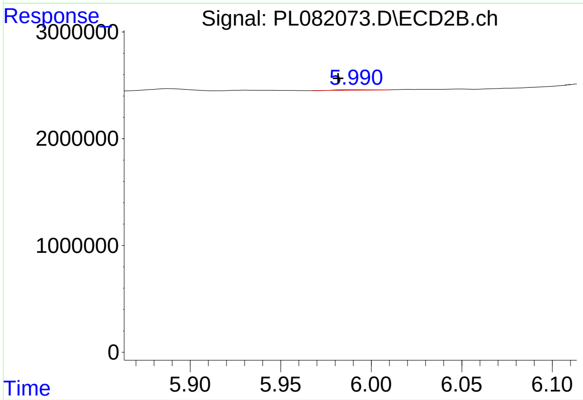
R.T.: 5.889 min
Delta R.T.: -0.016 min
Response: 308729
Conc: 0.18 ng/ml



#18 Endrin aldehyde

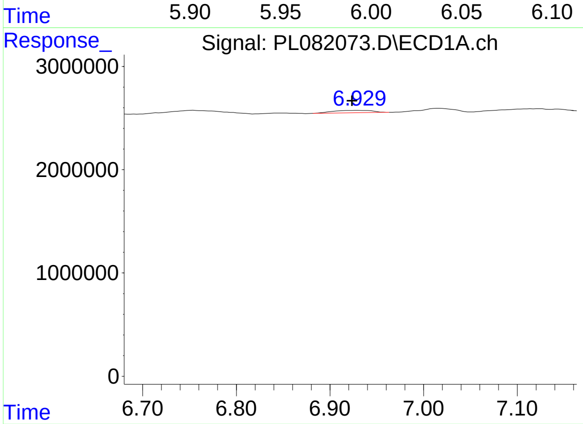
R.T.: 0.000 min
Exp R.T. : 6.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



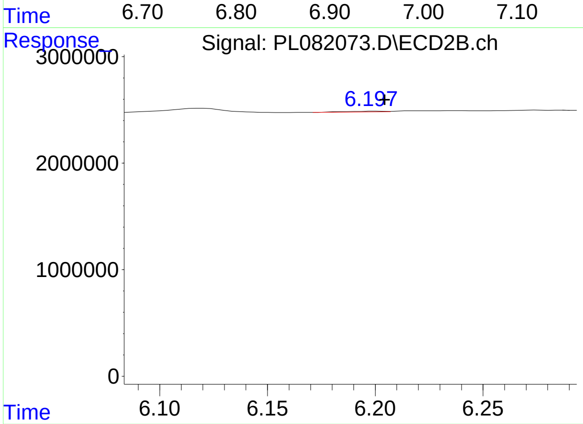
#18 Endrin aldehyde

R.T.: 5.992 min
Delta R.T.: 0.010 min
Response: 73613
Conc: 0.05 ng/ml



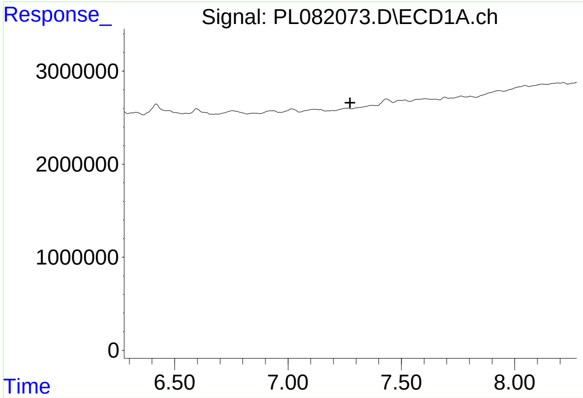
#19 Endosulfan Sulfate

R.T.: 6.930 min
Delta R.T.: 0.006 min
Response: 703721
Conc: 0.34 ng/ml



#19 Endosulfan Sulfate

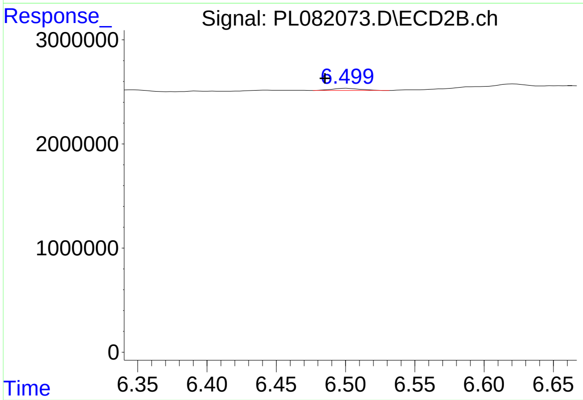
R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 87388
Conc: 0.04 ng/ml



#20 Methoxychlor

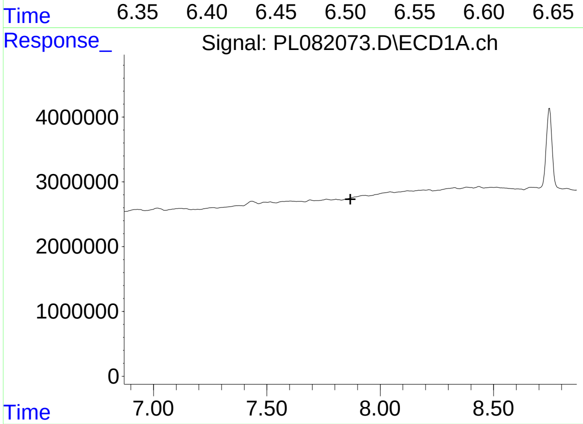
R.T.: 0.000 min
Exp R.T. : 7.274 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



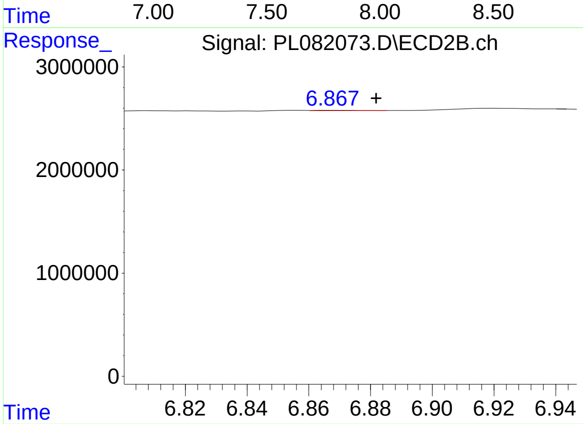
#20 Methoxychlor

R.T.: 6.501 min
Delta R.T.: 0.016 min
Response: 288368
Conc: 0.29 ng/ml



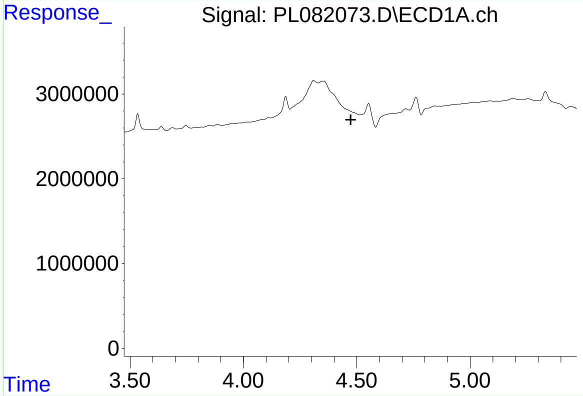
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.869 min
Response: 0
Conc: N.D.



#22 Mirex

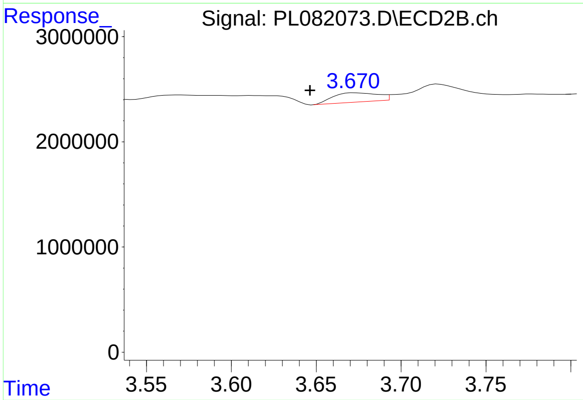
R.T.: 6.869 min
Delta R.T.: -0.012 min
Response: 38516
Conc: 0.02 ng/ml



#23 Chlordane-1

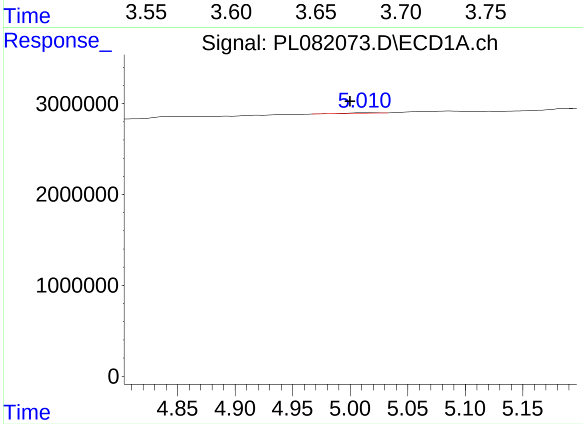
R.T.: 0.000 min
Exp R.T. : 4.473 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



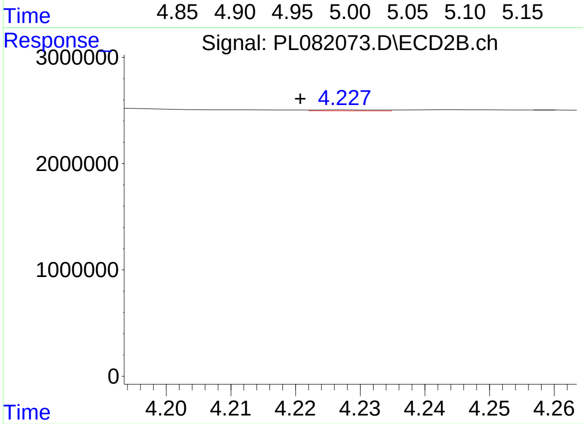
#23 Chlordane-1

R.T.: 3.673 min
Delta R.T.: 0.026 min
Response: 1626169
Conc: 21.11 ng/ml



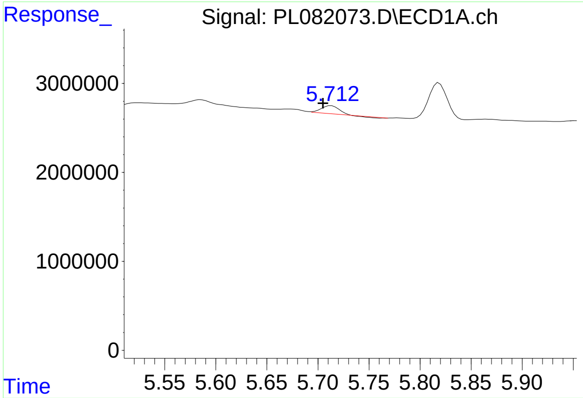
#24 Chlordane-2

R.T.: 5.012 min
Delta R.T.: 0.012 min
Response: 123584
Conc: 1.19 ng/ml



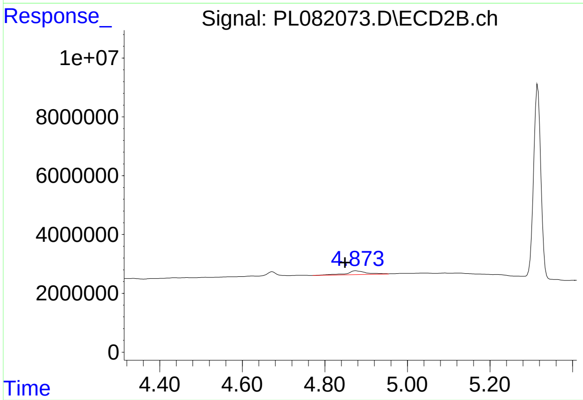
#24 Chlordane-2

R.T.: 4.229 min
Delta R.T.: 0.008 min
Response: 65534
Conc: 0.70 ng/ml

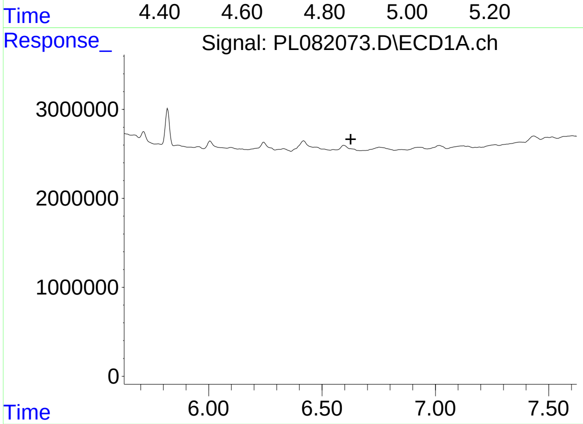



```
#25  Chlordane-3

      R.T.:     5.713 min
Delta R.T.:     0.008 min
  Response:    1018960
      Conc:    2.57 ng/ml
```

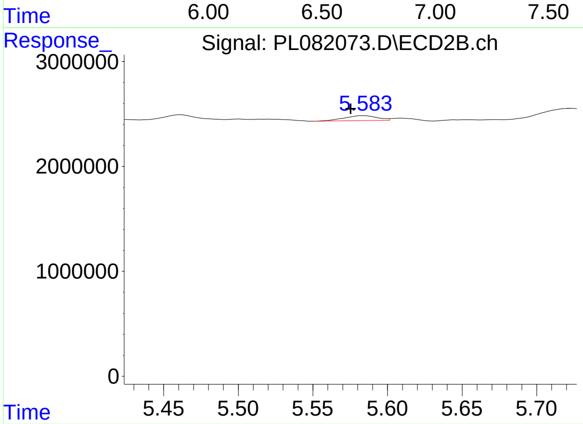
Instrument :
ECD_L
ClientSampleId :



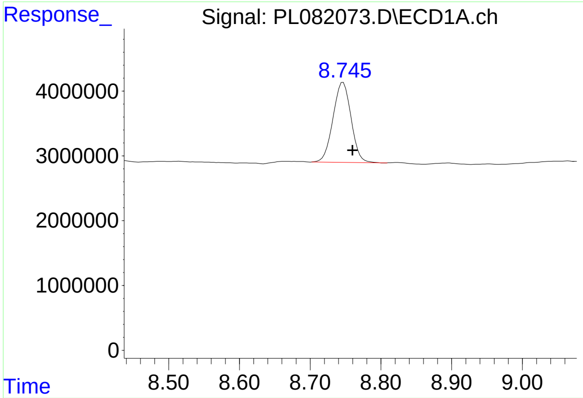

```
#25  Chlordane-3

      R.T.:     4.874 min
Delta R.T.:     0.026 min
  Response:    4520785
      Conc:   17.95 ng/ml
```




```
#27  Chlordane-5

      R.T.:     0.000 min
Exp R.T.  :     6.627 min
  Response:          0
      Conc:   N.D.
```



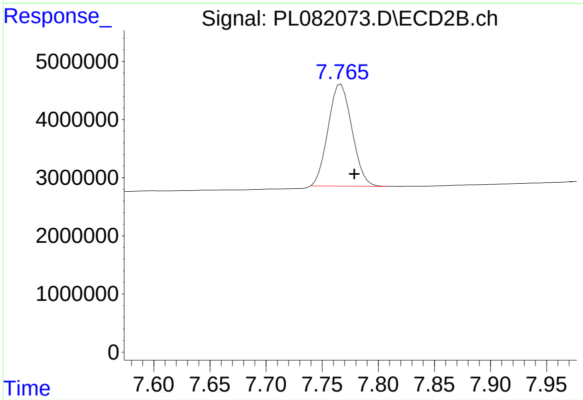

```
#27  Chlordane-5

      R.T.:     5.585 min
Delta R.T.:     0.009 min
  Response:    697124
      Conc:   10.45 ng/ml
```



#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 21913127
Conc: 12.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 25939368
Conc: 13.08 ng/ml