Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080318\
Data File : PL038912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2018 00:26
Operator : AJ\SJ
Sample : J4333-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 01:44:46 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...	3.324	3.926	94054676	36249145	12.631	13.810	
28)	SA	Decachlor...	7.989	8.933	112.5E6	40414053	14.825	16.533	
		Target Compounds							
2)	A	alpha-BHC	3.709f	4.305	1980874	1251175	0.168	0.323	#
3)	MA	gamma-BHC...	4.084f	4.585	38163629	1596190	3.640	0.442	#
4)	MA	Heptachlor	0.000	5.102	0	306036	N.D.	0.096	#
5)	MB	Aldrin	0.000	5.424	0	301977	N.D.	0.098	#
6)	B	beta-BHC	0.000	4.750	0	1271444	N.D.	0.838	#
7)	B	delta-BHC	0.000	4.958	0	7174074	N.D.	2.163	#
8)	B	Heptachlo...	0.000	5.770	0	349072	N.D.	0.123	#
9)	A	Endosulfan I	0.000	6.132	0	1145266	N.D.	0.445	#
10)	B	gamma-Chl...	5.215	6.028	10754803	-1106883	1.088	N.D.	#
11)	B	alpha-Chl...	5.215f	6.076	10754803	935911	1.136	0.327	#
12)	B	4,4'-DDE	5.434	6.240	131.6E6	47238434	13.724	17.665	#
13)	MA	Dieldrin	5.558	6.381	5919043	1109326	0.616	0.408	#
14)	MA	Endrin	5.816	6.594	54652959	1044180	6.290	0.437	#
15)	B	Endosulfa...	6.028f	6.827	92364007	727908	11.647	0.303	#
16)	A	4,4'-DDD	5.945	6.721	60496465	16519430	8.247	7.718	
17)	MA	4,4'-DDT	6.179	7.020	158.9E6	46536338	21.389	21.827	
19)	B	Endosulfa...	0.000	7.141	0	1738519	N.D.	0.798	#
20)	A	Methoxychlor	6.727	7.476	39598398	11446295	10.292	10.052	
21)	B	Endrin ke...	0.000	7.590	0	348839	N.D.	0.146	#
23)		Chlordane-1	4.238	4.958	13054213	7174074	37.702	61.907	#
24)		Chlordane-2	0.000	5.424	0	301977	N.D.	2.522	#
25)		Chlordane-3	5.215	6.028	10754803	-1106883	9.245	N.D.	#
26)		Chlordane-4	5.215	6.076	10754803	935911	10.229	1.905	#
27)		Chlordane-5	5.874	6.827	5968214	727908	37.270	8.126	#

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

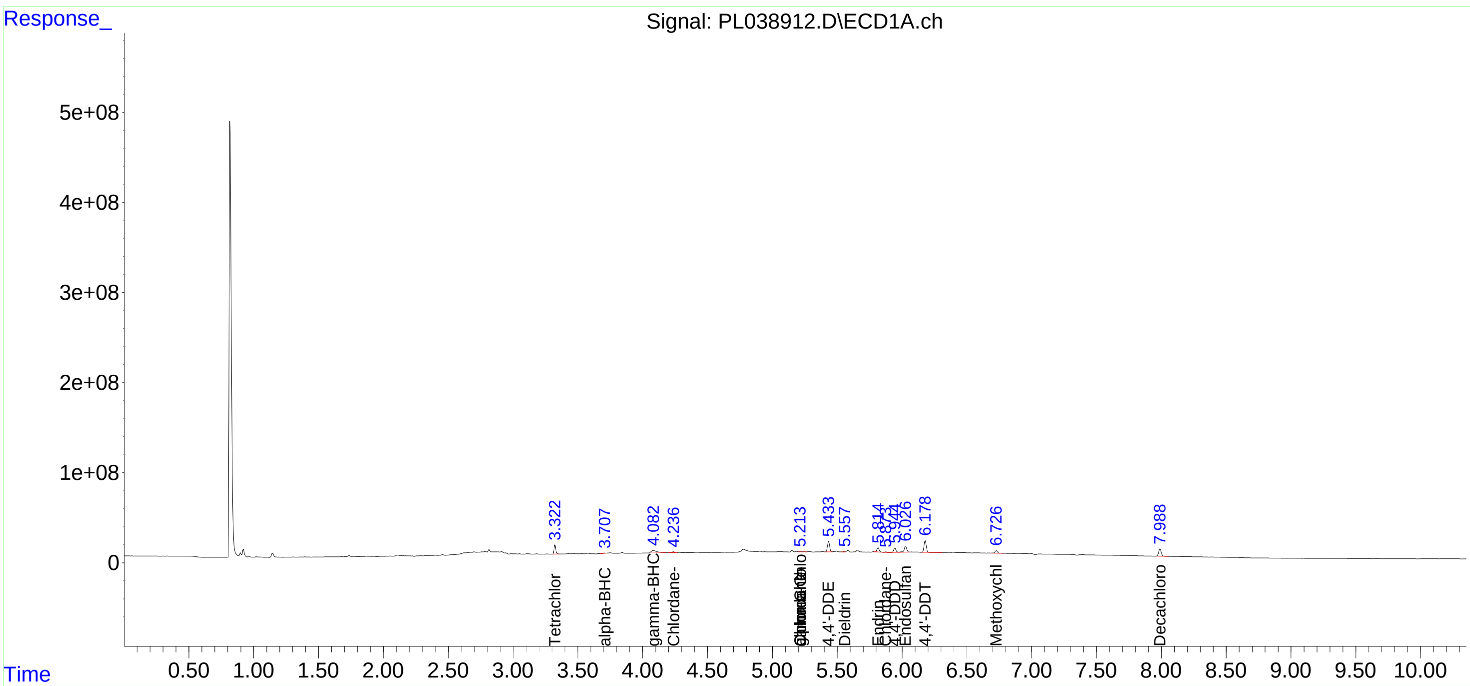
Quantitation Report (Not Reviewed)

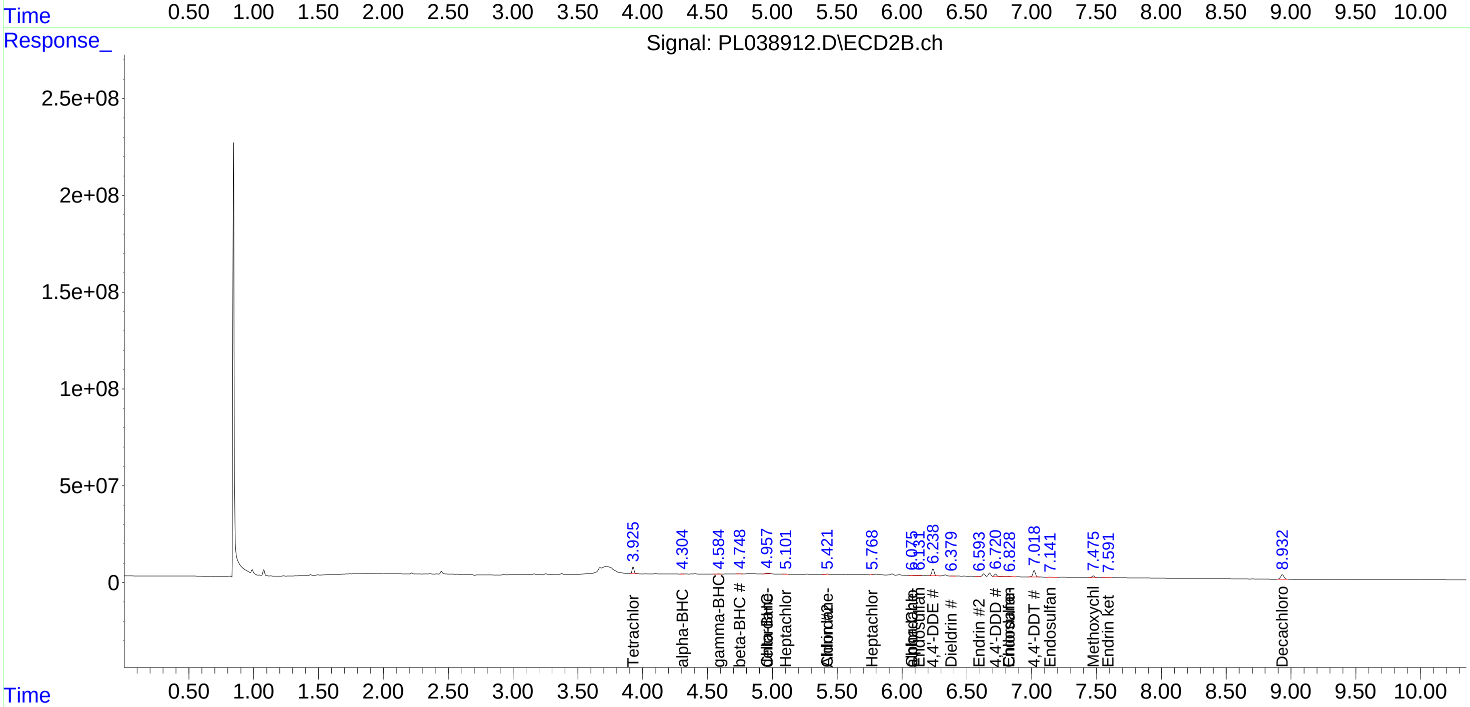
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080318\
Data File : PL038912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2018 00:26
Operator : AJ\SJ
Sample : J4333-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

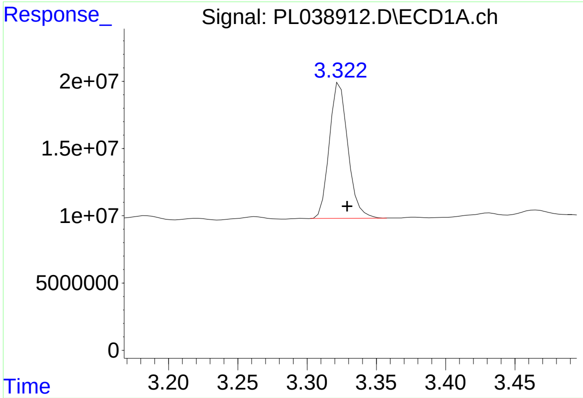
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 01:44:46 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



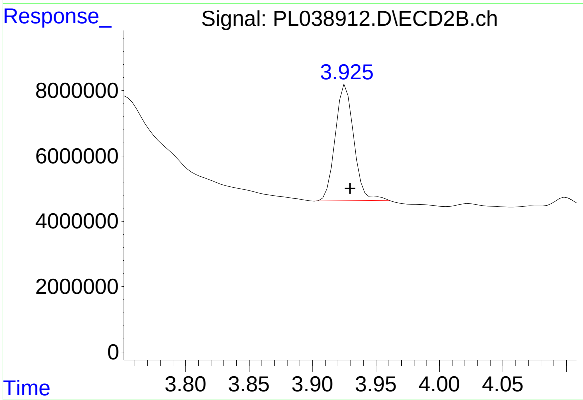




#1 Tetrachloro-m-xylene

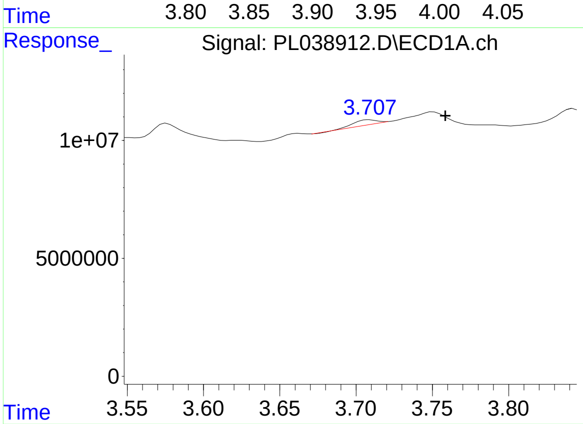
R.T.: 3.324 min
Delta R.T.: -0.005 min
Response: 94054676
Conc: 12.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



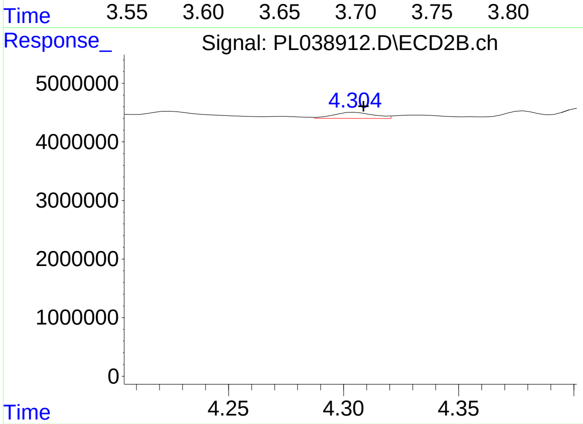
#1 Tetrachloro-m-xylene

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 36249145
Conc: 13.81 ng/ml



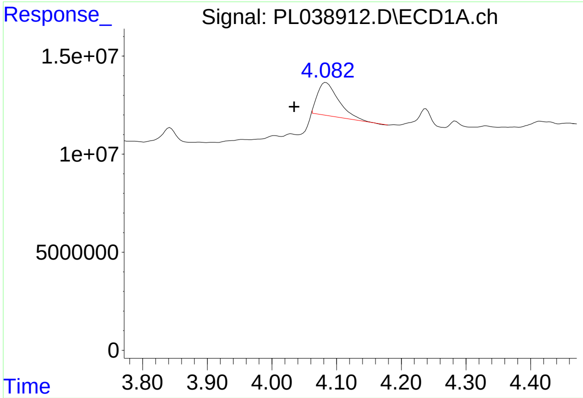
#2 alpha-BHC

R.T.: 3.709 min
Delta R.T.: -0.050 min
Response: 1980874
Conc: 0.17 ng/ml



#2 alpha-BHC

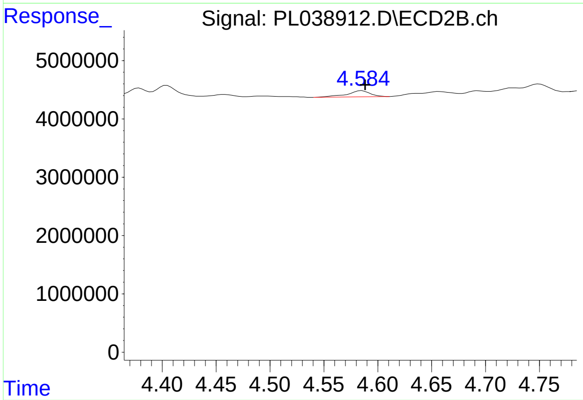
R.T.: 4.305 min
Delta R.T.: -0.003 min
Response: 1251175
Conc: 0.32 ng/ml



#3 gamma-BHC (Lindane)

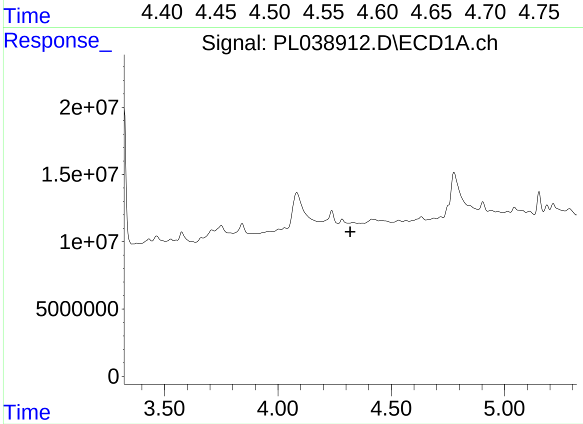
R.T.: 4.084 min
Delta R.T.: 0.049 min
Response: 38163629
Conc: 3.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



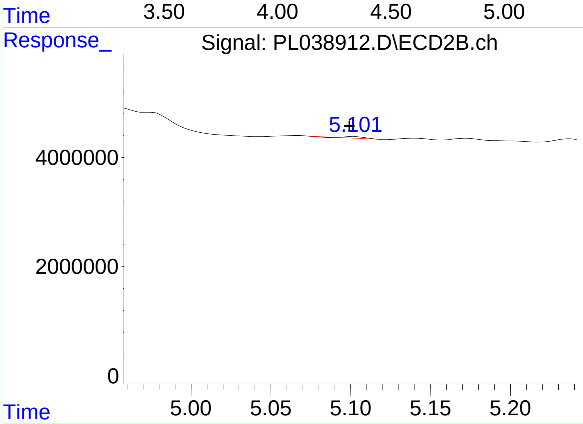
#3 gamma-BHC (Lindane)

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 1596190
Conc: 0.44 ng/ml



#4 Heptachlor

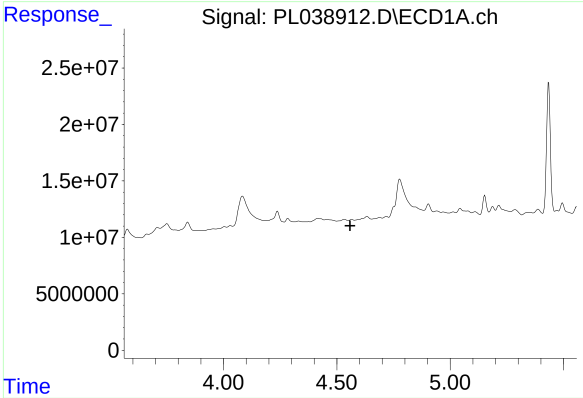
R.T.: 0.000 min
Exp R.T. : 4.319 min
Response: 0
Conc: N.D.



#4 Heptachlor

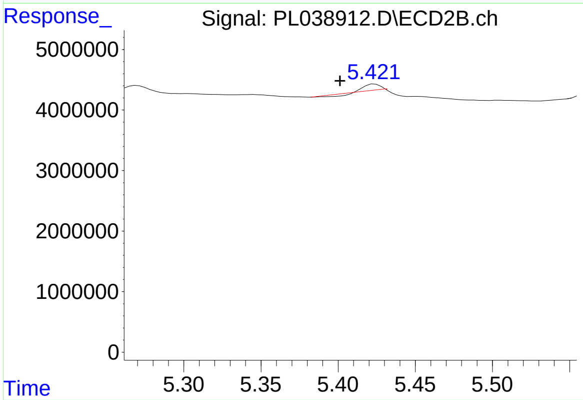
R.T.: 5.102 min
Delta R.T.: 0.003 min
Response: 306036
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



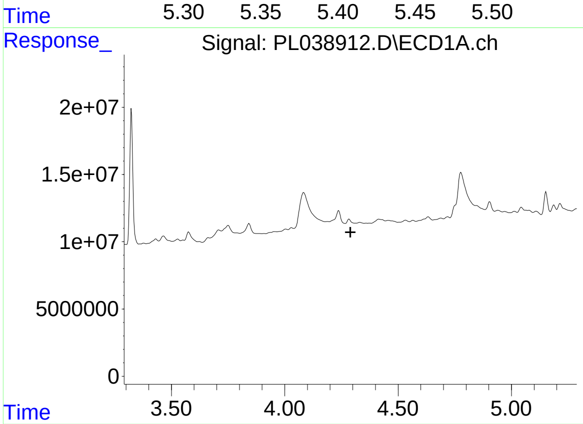
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.558 min
Response: 0
Conc: N.D.



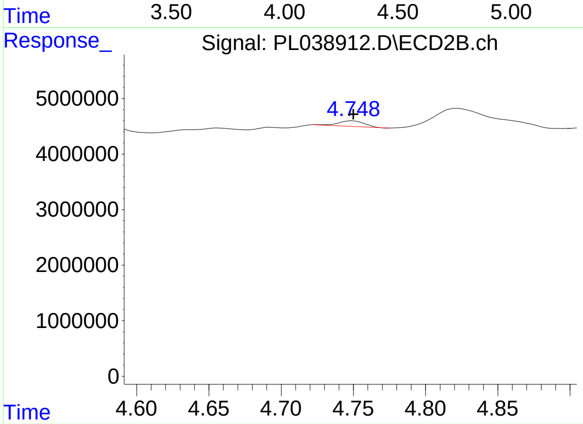
#5 Aldrin

R.T.: 5.424 min
Delta R.T.: 0.023 min
Response: 301977
Conc: 0.10 ng/ml



#6 beta-BHC

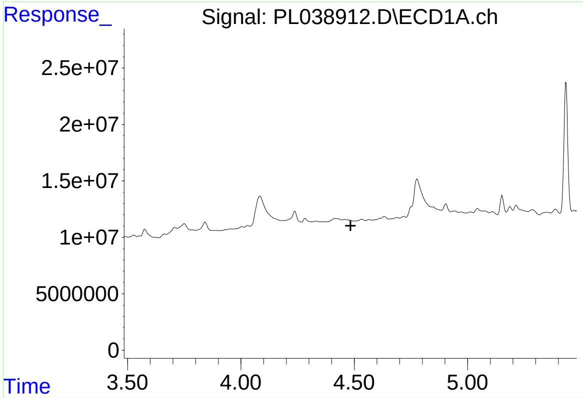
R.T.: 0.000 min
Exp R.T. : 4.289 min
Response: 0
Conc: N.D.



#6 beta-BHC

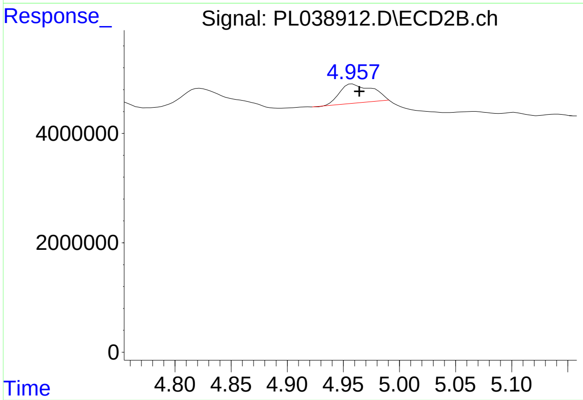
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 1271444
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



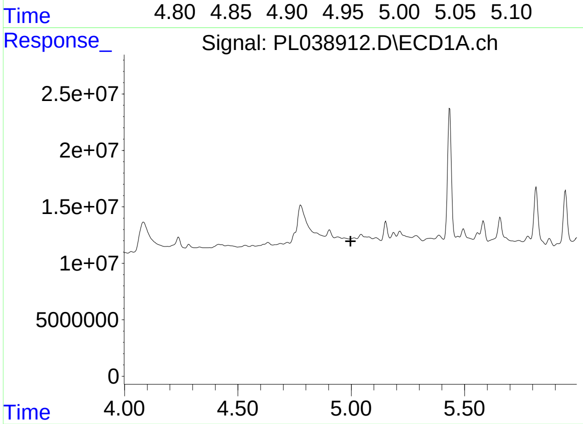
#7 delta-BHC

```
     R.T.:    0.000 min
Exp R.T.  :    4.484 min
  Response:        0
     Conc:    N.D.
```



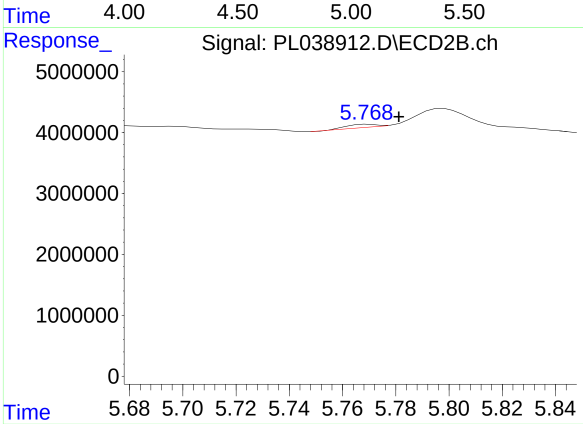
#7 delta-BHC

```
      R.T.:    4.958 min
Delta R.T.:   -0.006 min
  Response:   7174074
      Conc:   2.16 ng/ml
```



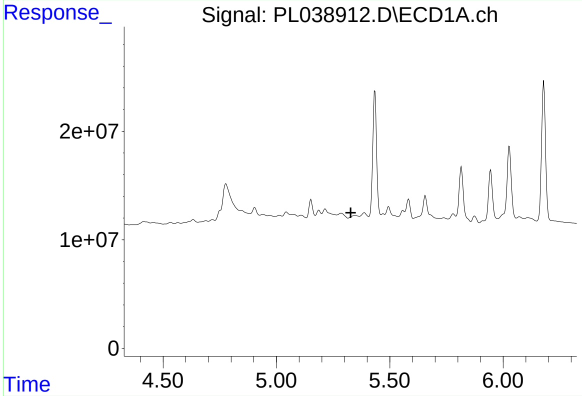
#8 Heptachlor epoxide

```
     R.T.:    0.000 min
Exp R.T.  :    4.997 min
  Response:        0
     Conc:    N.D.
```



#8 Heptachlor epoxide

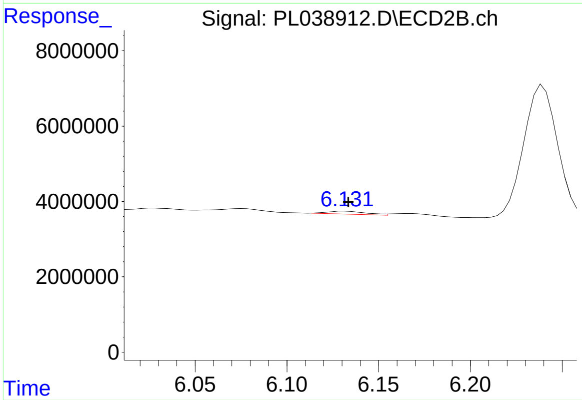
```
      R.T.:    5.770 min
Delta R.T.:   -0.012 min
  Response:    349072
      Conc:   0.12 ng/ml
```



#9 Endosulfan I

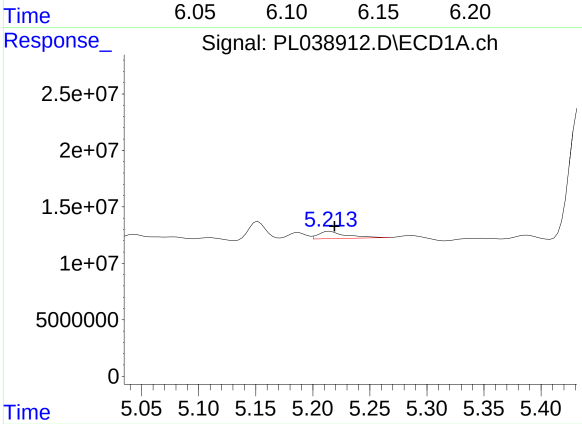
R.T.: 0.000 min
Exp R.T. : 5.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



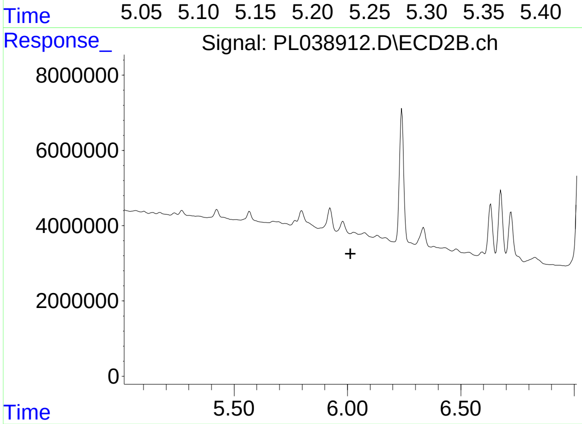
#9 Endosulfan I

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 1145266
Conc: 0.45 ng/ml



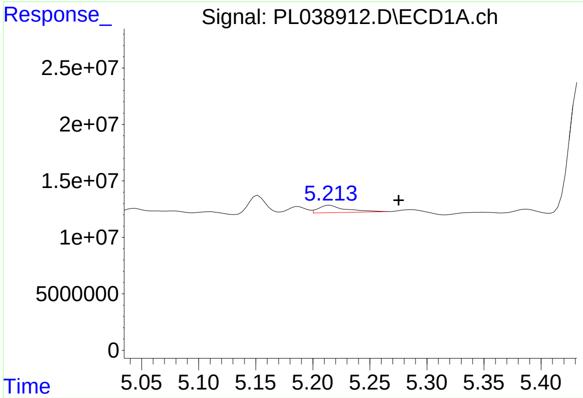
#10 gamma-Chlordane

R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 10754803
Conc: 1.09 ng/ml



#10 gamma-Chlordane

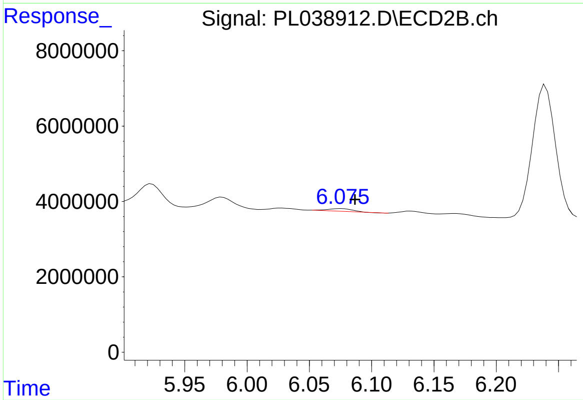
R.T.: 6.028 min
Delta R.T.: 0.014 min
Response: -1106883
Conc: N.D.



#11 alpha-Chlordane

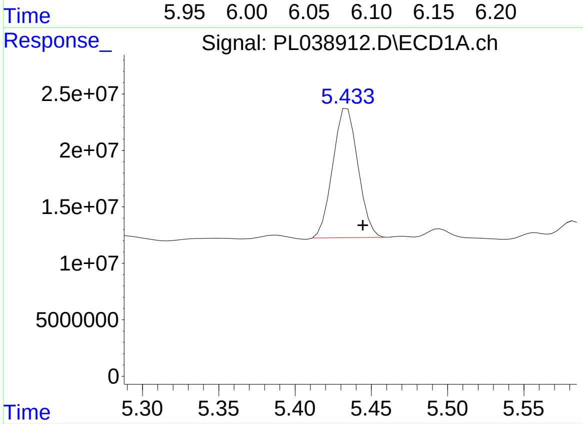
R.T.: 5.215 min
Delta R.T.: -0.060 min
Response: 10754803
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



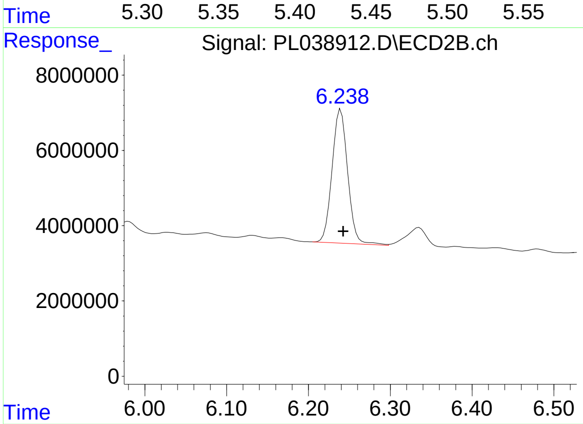
#11 alpha-Chlordane

R.T.: 6.076 min
Delta R.T.: -0.011 min
Response: 935911
Conc: 0.33 ng/ml



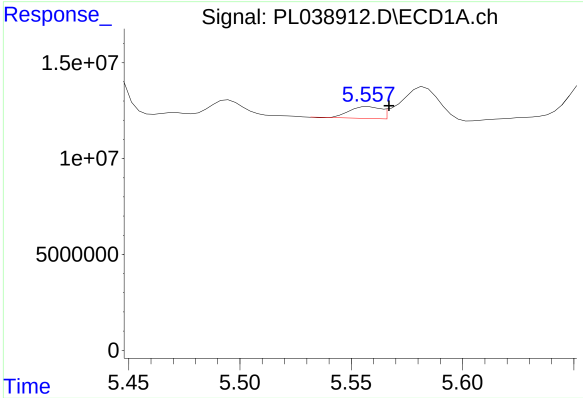
#12 4,4'-DDE

R.T.: 5.434 min
Delta R.T.: -0.010 min
Response: 131582310
Conc: 13.72 ng/ml



#12 4,4'-DDE

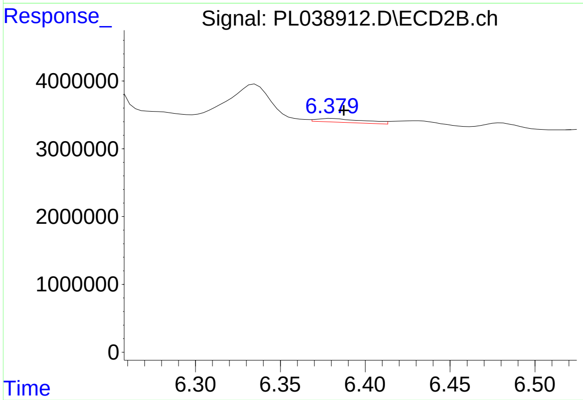
R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 47238434
Conc: 17.67 ng/ml



#13 Dieldrin

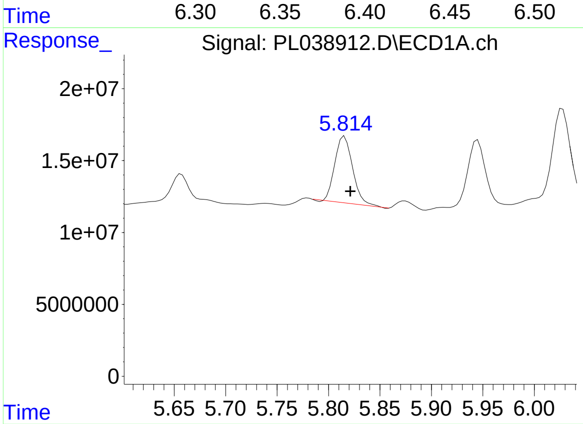
R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 5919043
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



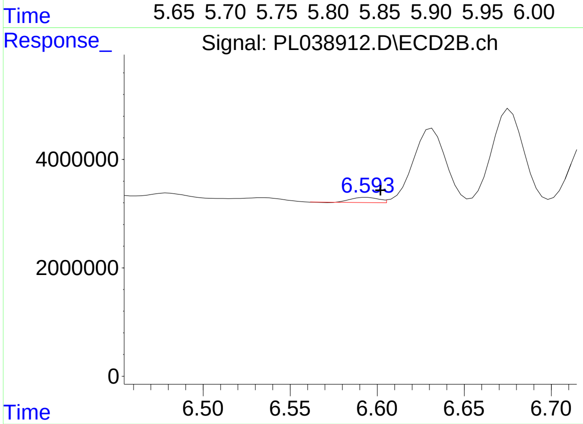
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 1109326
Conc: 0.41 ng/ml



#14 Endrin

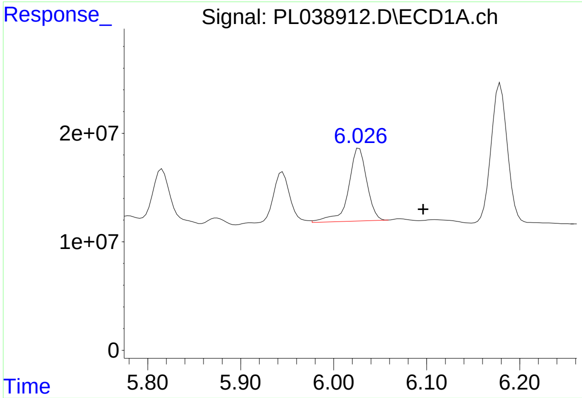
R.T.: 5.816 min
Delta R.T.: -0.006 min
Response: 54652959
Conc: 6.29 ng/ml



#14 Endrin

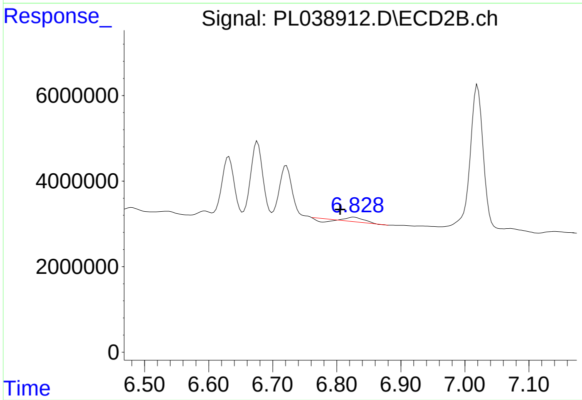
R.T.: 6.594 min
Delta R.T.: -0.008 min
Response: 1044180
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



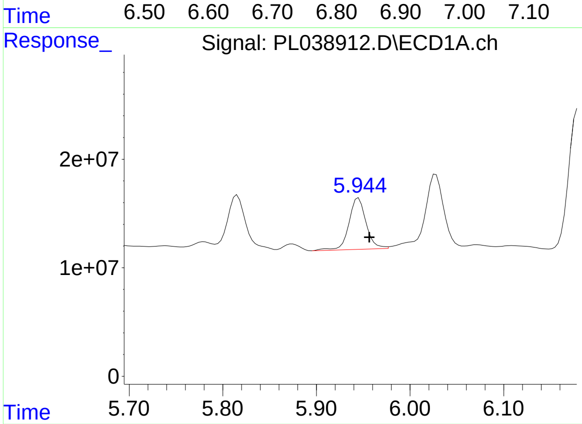
#15 Endosulfan II

R.T.: 6.028 min
Delta R.T.: -0.069 min
Response: 92364007
Conc: 11.65 ng/ml



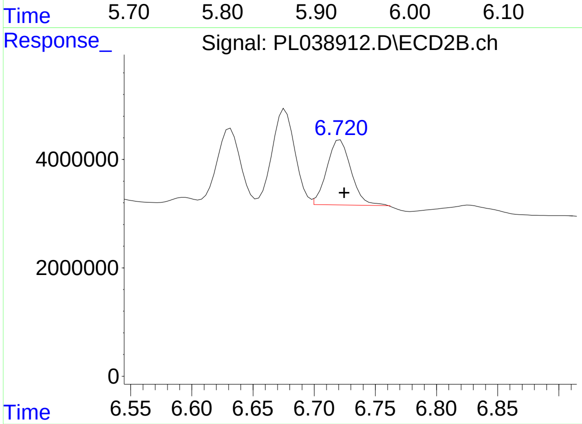
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: 0.022 min
Response: 727908
Conc: 0.30 ng/ml



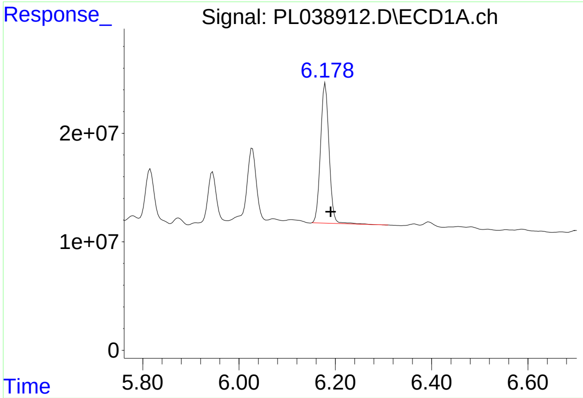
#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.011 min
Response: 60496465
Conc: 8.25 ng/ml



#16 4,4'-DDD

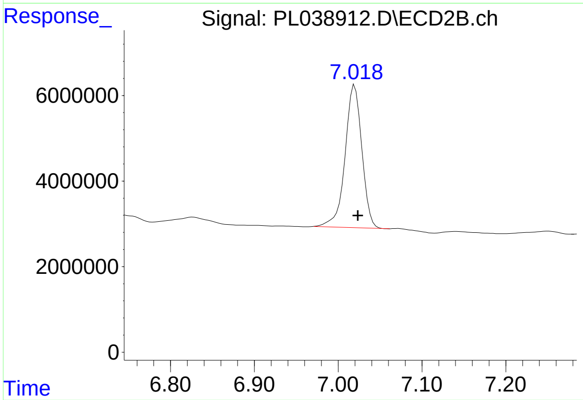
R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 16519430
Conc: 7.72 ng/ml



#17 4,4'-DDT

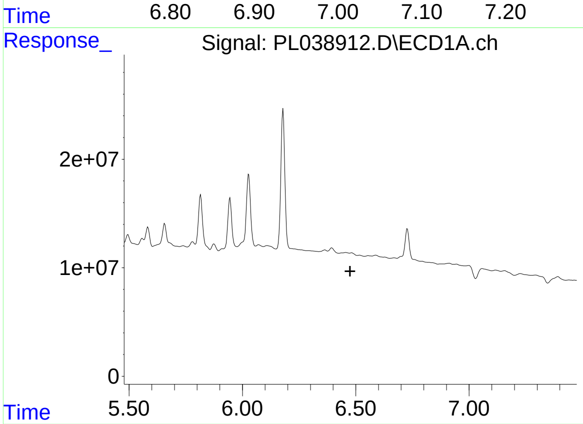
R.T.: 6.179 min
Delta R.T.: -0.011 min
Response: 158892908
Conc: 21.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



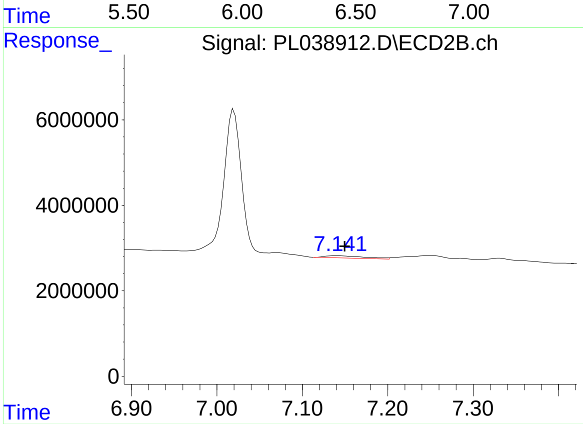
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 46536338
Conc: 21.83 ng/ml



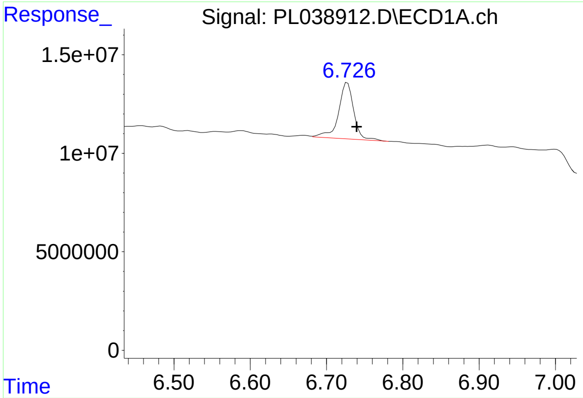
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

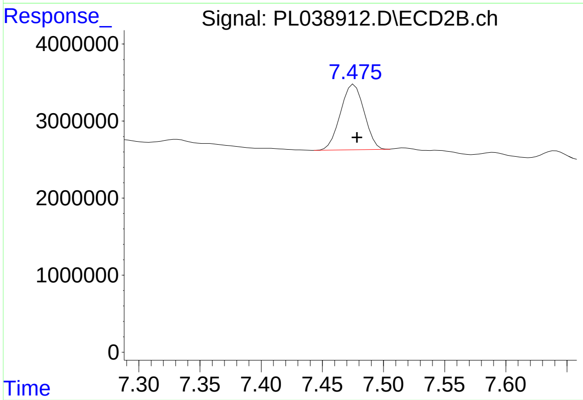
R.T.: 7.141 min
Delta R.T.: -0.009 min
Response: 1738519
Conc: 0.80 ng/ml



#20 Methoxychlor

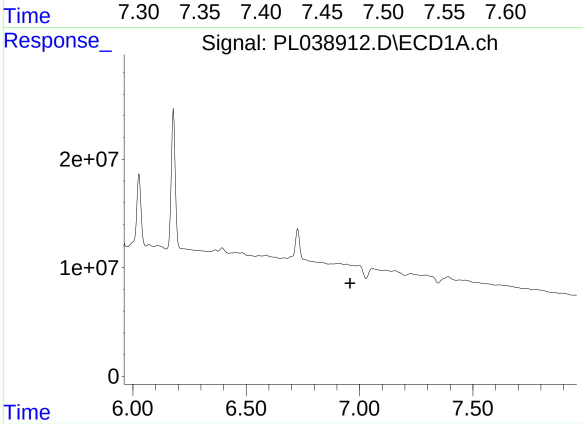
R.T.: 6.727 min
Delta R.T.: -0.012 min
Response: 39598398
Conc: 10.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



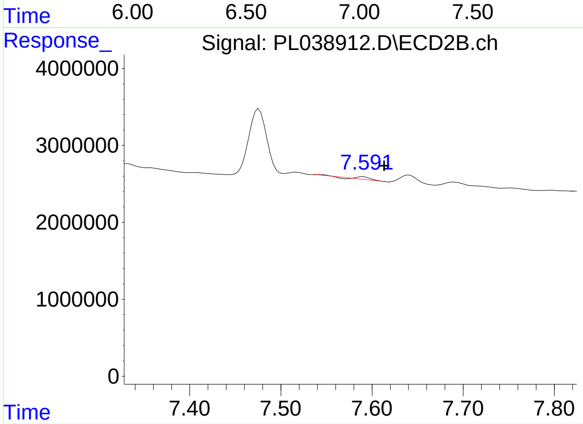
#20 Methoxychlor

R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 11446295
Conc: 10.05 ng/ml



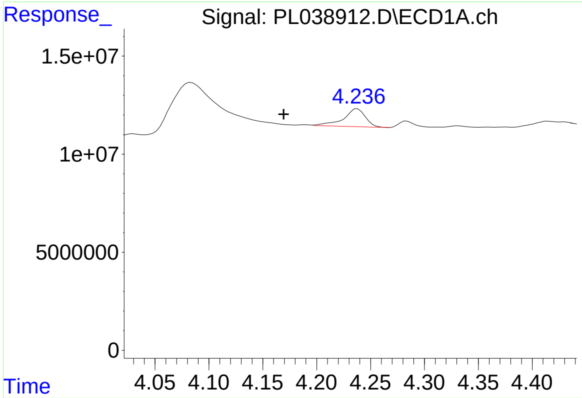
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.958 min
Response: 0
Conc: N.D.



#21 Endrin ketone

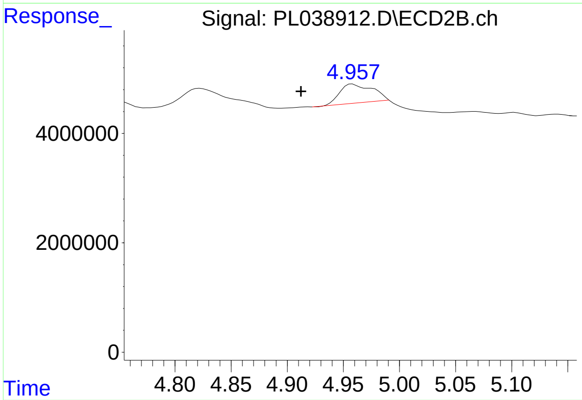
R.T.: 7.590 min
Delta R.T.: -0.023 min
Response: 348839
Conc: 0.15 ng/ml



#23 Chlordane-1

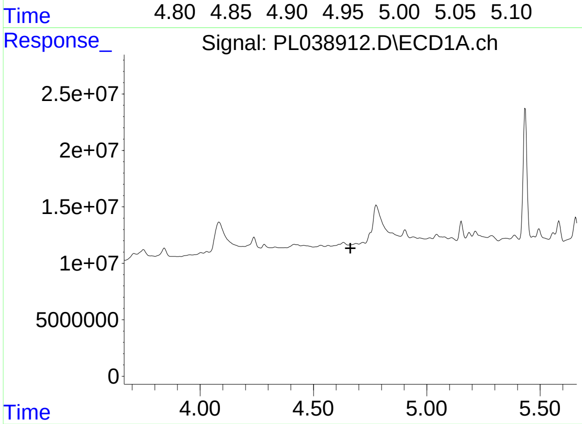
R.T.: 4.238 min
Delta R.T.: 0.069 min
Response: 13054213
Conc: 37.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



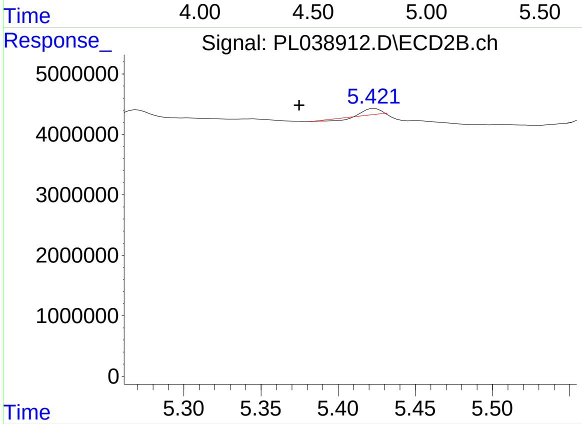
#23 Chlordane-1

R.T.: 4.958 min
Delta R.T.: 0.046 min
Response: 7174074
Conc: 61.91 ng/ml



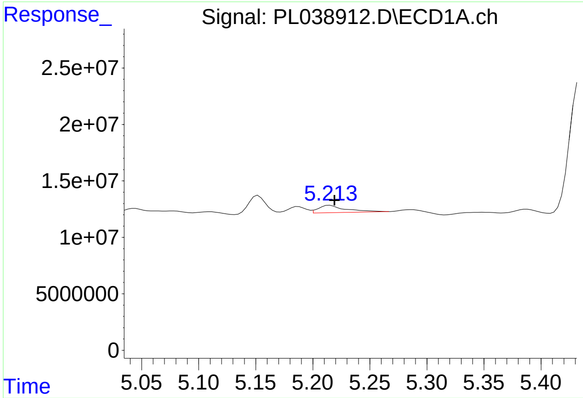
#24 Chlordane-2

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



#24 Chlordane-2

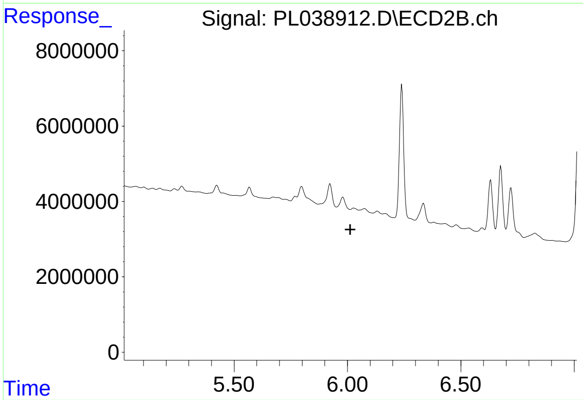
R.T.: 5.424 min
Delta R.T.: 0.049 min
Response: 301977
Conc: 2.52 ng/ml



#25 Chlordane-3

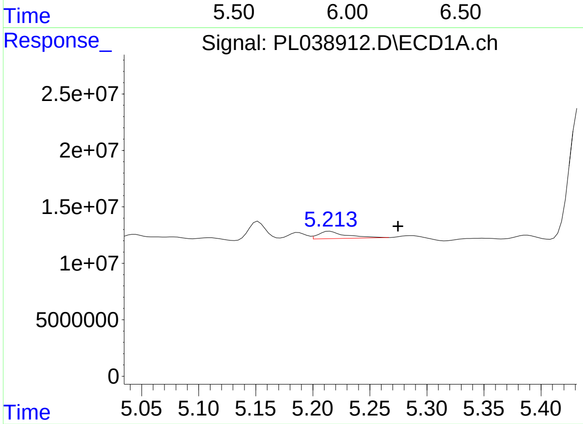
R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 10754803
Conc: 9.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



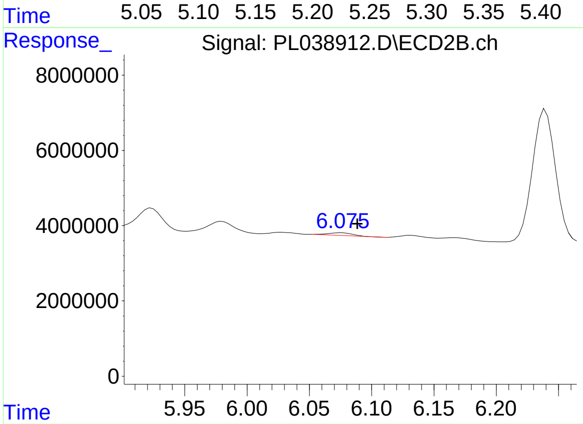
#25 Chlordane-3

R.T.: 6.028 min
Delta R.T.: 0.015 min
Response: -1106883
Conc: N.D.



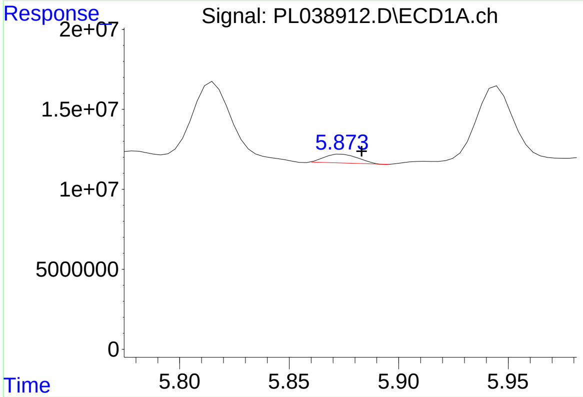
#26 Chlordane-4

R.T.: 5.215 min
Delta R.T.: -0.060 min
Response: 10754803
Conc: 10.23 ng/ml



#26 Chlordane-4

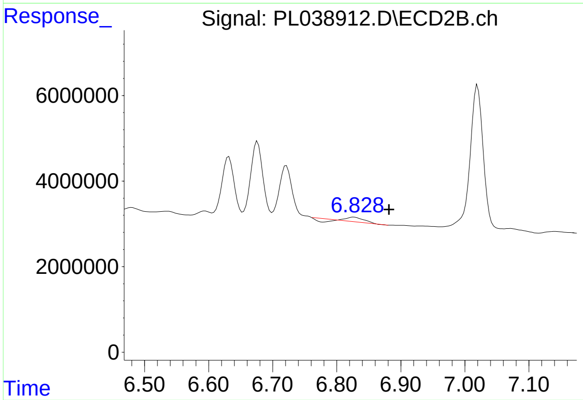
R.T.: 6.076 min
Delta R.T.: -0.013 min
Response: 935911
Conc: 1.90 ng/ml



#27 Chlordane-5

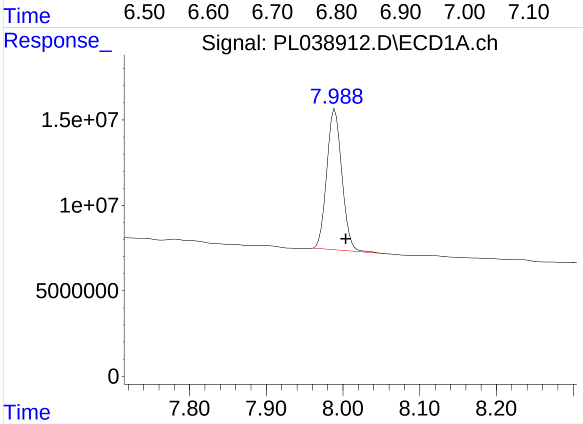
R.T.: 5.874 min
Delta R.T.: -0.009 min
Response: 5968214
Conc: 37.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



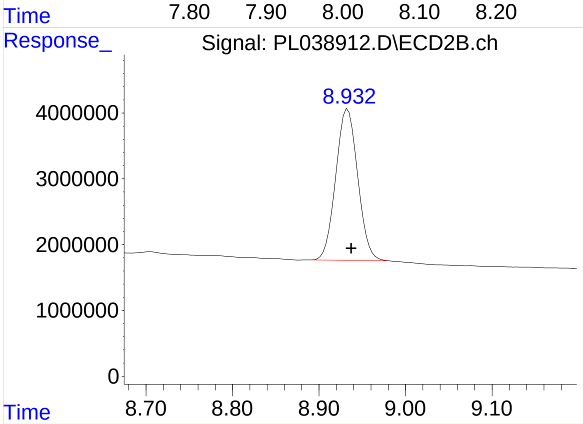
#27 Chlordane-5

R.T.: 6.827 min
Delta R.T.: -0.055 min
Response: 727908
Conc: 8.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.014 min
Response: 112460574
Conc: 14.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.933 min
Delta R.T.: -0.004 min
Response: 40414053
Conc: 16.53 ng/ml