Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 11:36
Operator : AR\AJ
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 19 23:46:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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...	3.424	2.680	57774367	23272904	15.351	13.826	
28)	SA	Decachlor...	8.986	7.873	53737587	25392822	15.759	15.035	
		Target Compounds							
2)	A	alpha-BHC	3.880	3.184	39124027	15505185	7.226	6.309	
3)	MA	gamma-BHC...	4.215	3.515	38063117	15193361	7.242	6.272	
4)	MA	Heptachlor	0.000	3.880f	0	44584	N.D.	0.019	#
5)	MB	Aldrin	0.000	4.150	0	93765	N.D.	0.039	#
6)	B	beta-BHC	4.414	3.817	19131956	7894242	8.330	7.583	
7)	B	delta-BHC	0.000	4.068f	0	20585	N.D.	0.008	#
8)	B	Heptachlo...	0.000	4.625f	0	8573	N.D.	0.004	#
9)	A	Endosulfan I	0.000	5.029	0	487755	N.D.	0.226	#
10)	B	gamma-Chl...	0.000	4.913	0	833426	N.D.	0.364	#
11)	B	alpha-Chl...	0.000	4.977	0	770444	N.D.	0.334	#
12)	B	4,4'-DDE	0.000	5.163	0	124504	N.D.	0.063	#
13)	MA	Dieldrin	0.000	5.284	0	2597	N.D.	0.001	#
14)	MA	Endrin	6.476	5.562	128.9E6	63274442	33.513	31.706	
15)	B	Endosulfa...	6.699	5.842f	2455114	198515	0.612	0.102	#
16)	A	4,4'-DDD	6.622	5.722	1453642	601953	0.440	0.364	
17)	MA	4,4'-DDT	6.939	5.975	266.4E6	128.3E6	70.840	69.587	
18)	B	Endrin al...	6.829	6.044	2838815	4056675	0.979	2.764	#
19)	B	Endosulfa...	0.000	6.266	0	14825	N.D.	0.008	#
20)	A	Methoxychlor	7.425	6.562	348.5E6	167.2E6	178.731	163.663	
21)	B	Endrin ke...	7.552	6.773	4744223	3218377	1.166	1.512	#
22)		Mirex	0.000	6.940f	0	72913	N.D.	0.041	#
23)		Chlordane-1	0.000	3.695	0	16434	N.D.	0.265	#
24)		Chlordane-2	0.000	4.250f	0	137629	N.D.	1.793	#
25)		Chlordane-3	0.000	4.913	0	833426	N.D.	3.770	#
26)		Chlordane-4	0.000	4.977	0	770444	N.D.	3.309	#
27)		Chlordane-5	0.000	5.640	0	50315	N.D.	0.778	#

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

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Acq On : 19 Dec 2023 11:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

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Quant Time: Dec 19 23:46:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
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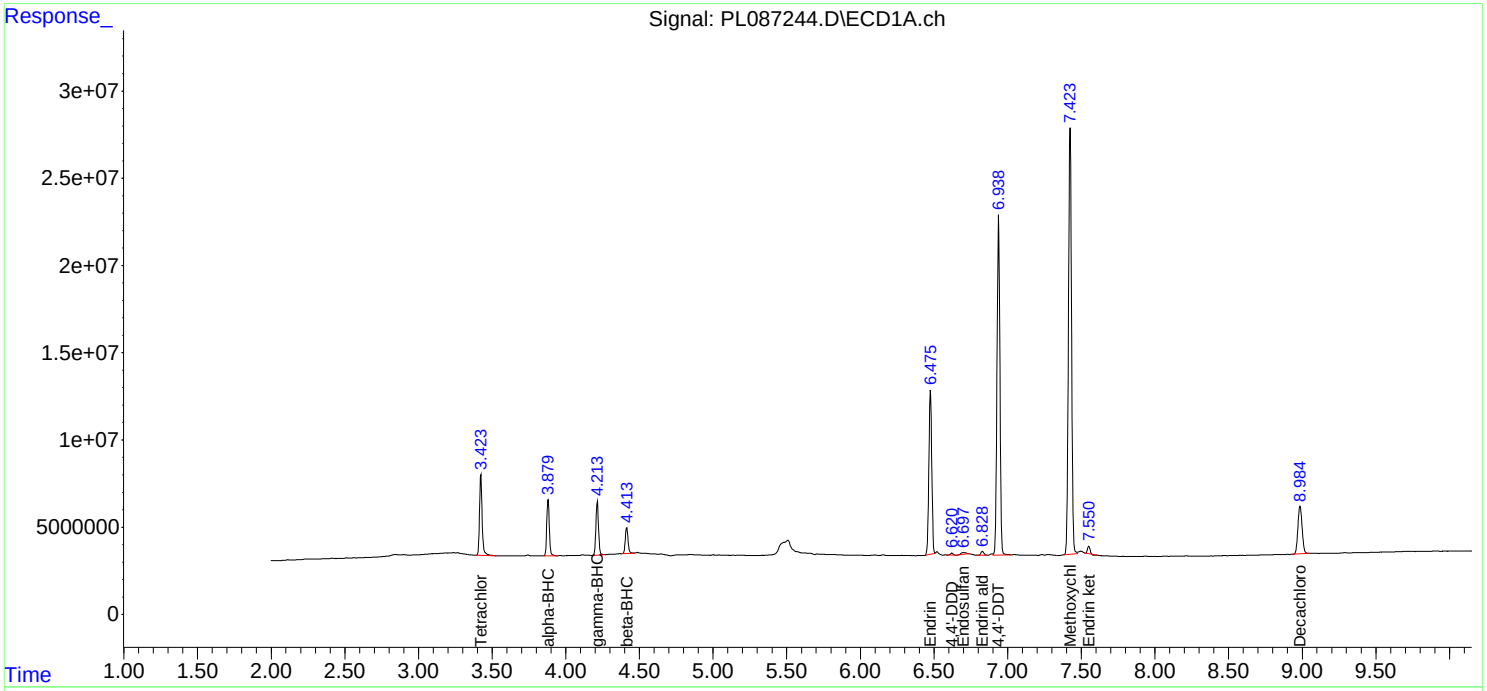
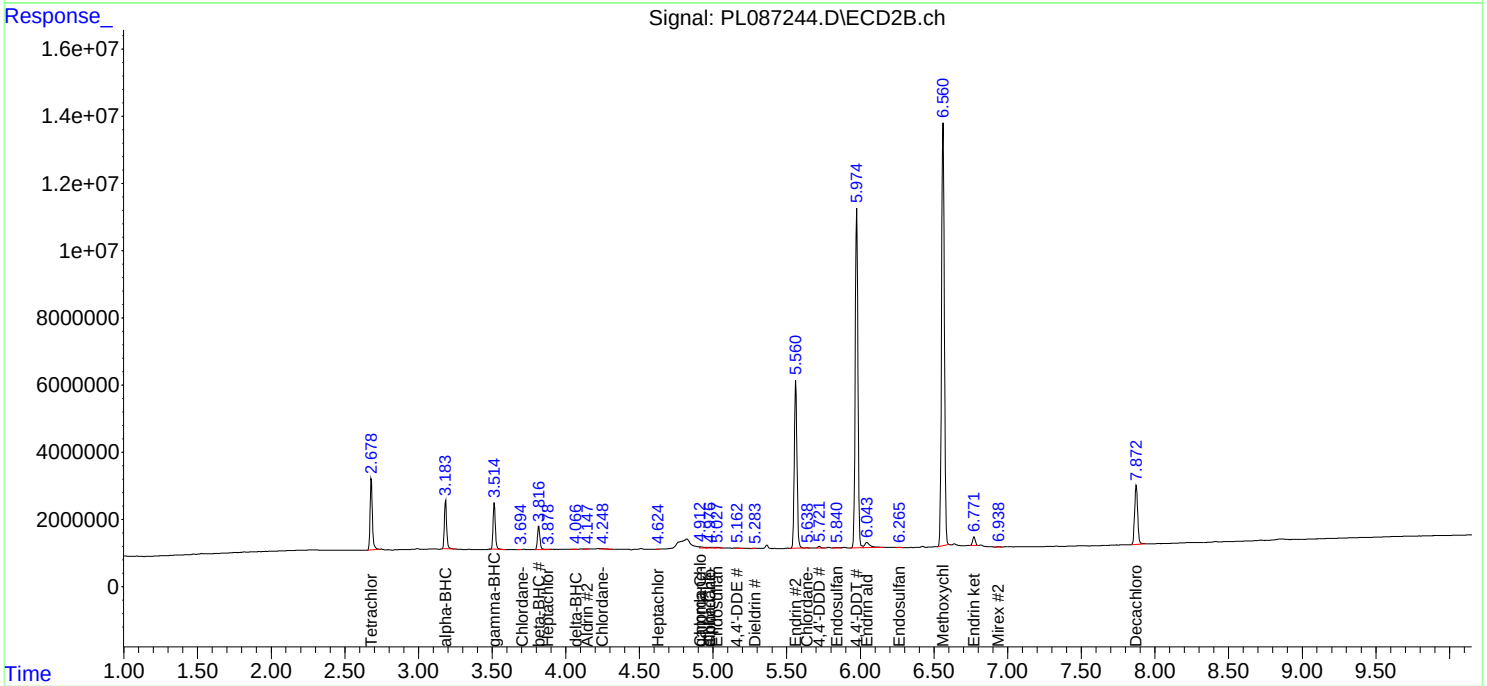
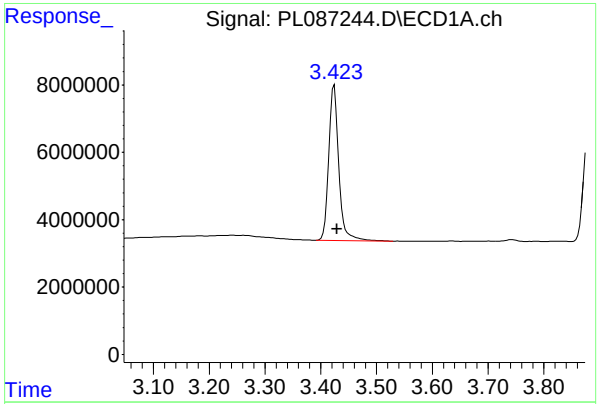
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



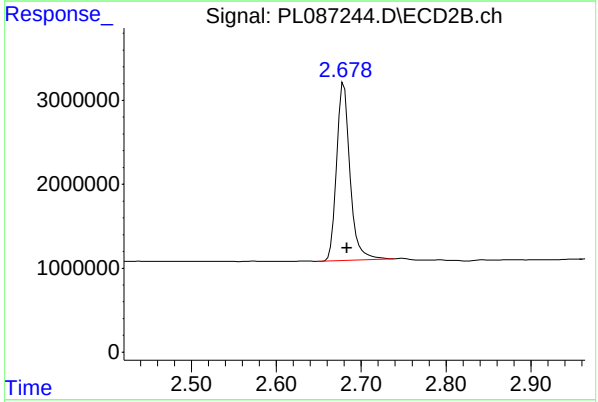




#1 Tetrachloro-m-xylene

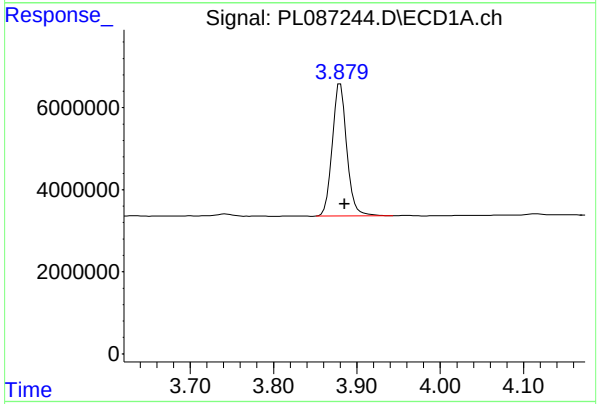
R.T.: 3.424 min
Delta R.T.: -0.005 mi
Response: 57774367
Conc: 15.35 ng/m

Instrument :
ECD_L
ClientSampleId :



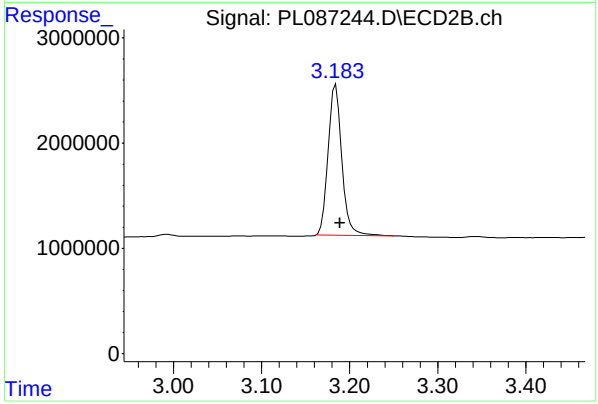
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.004 min
Response: 23272904
Conc: 13.83 ng/ml



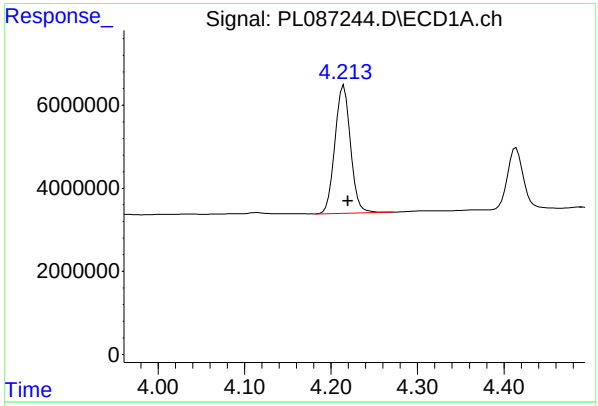
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.005 min
Response: 39124027
Conc: 7.23 ng/ml



#2 alpha-BHC

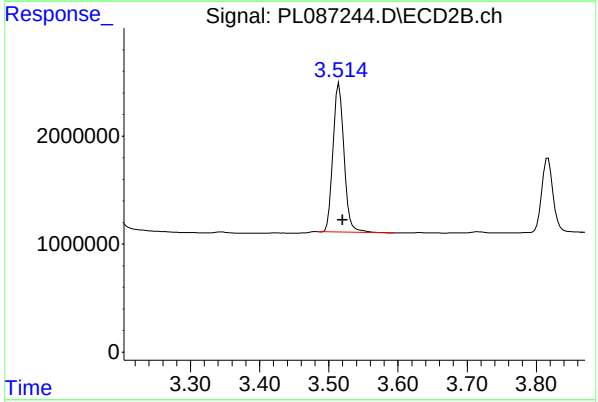
R.T.: 3.184 min
Delta R.T.: -0.005 min
Response: 15505185
Conc: 6.31 ng/ml



#3 gamma-BHC (Lindane)

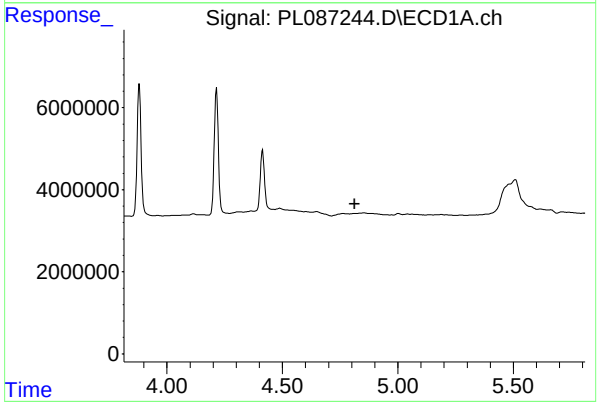
R.T.: 4.215 min
Delta R.T.: -0.005 min
Response: 38063117
Conc: 7.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



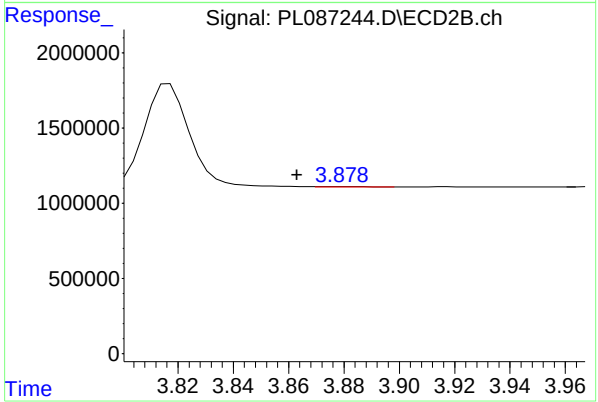
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.005 min
Response: 15193361
Conc: 6.27 ng/ml



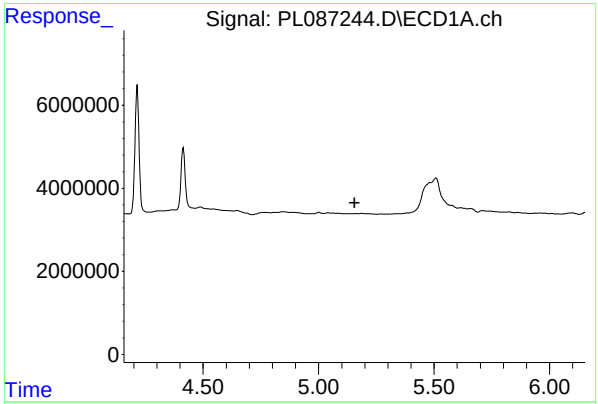
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



#4 Heptachlor

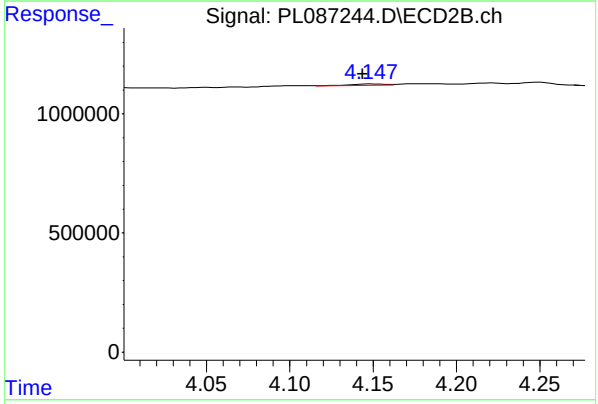
R.T.: 3.880 min
Delta R.T.: 0.017 min
Response: 44584
Conc: 0.02 ng/ml



#5 Aldrin

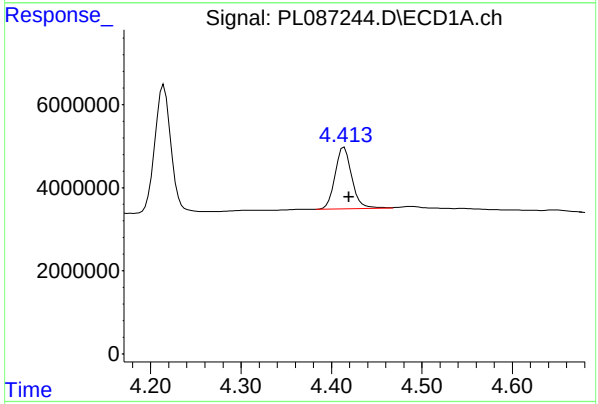
R.T.: 0.000 min
Exp R.T. : 5.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



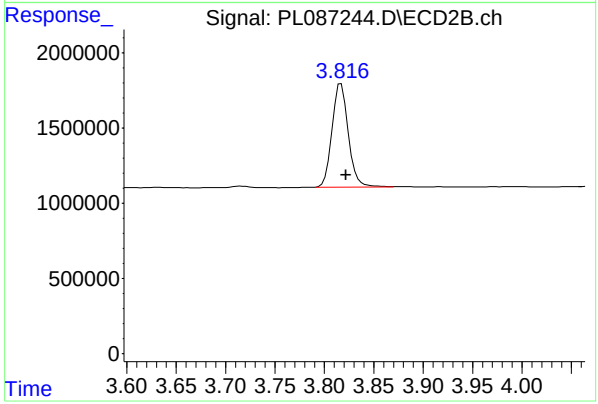
#5 Aldrin

R.T.: 4.150 min
Delta R.T.: 0.007 min
Response: 93765
Conc: 0.04 ng/ml



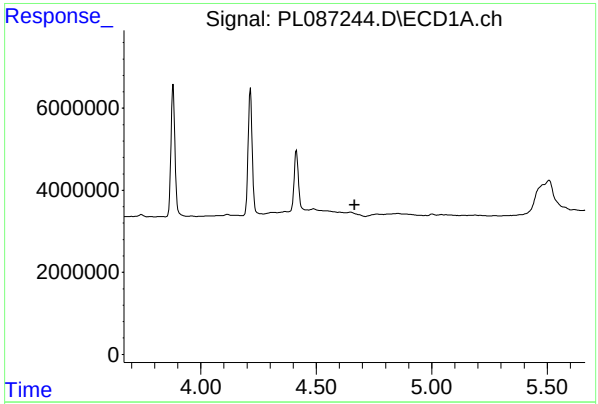
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: -0.005 min
Response: 19131956
Conc: 8.33 ng/ml



#6 beta-BHC

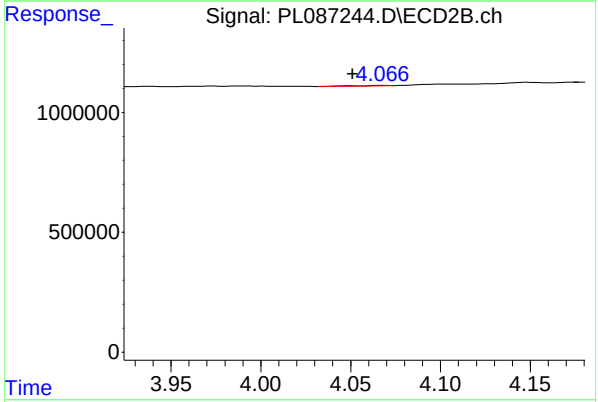
R.T.: 3.817 min
Delta R.T.: -0.005 min
Response: 7894242
Conc: 7.58 ng/ml



#7 delta-BHC

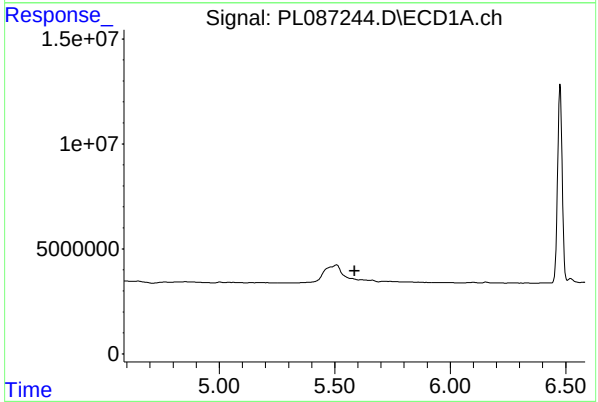
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



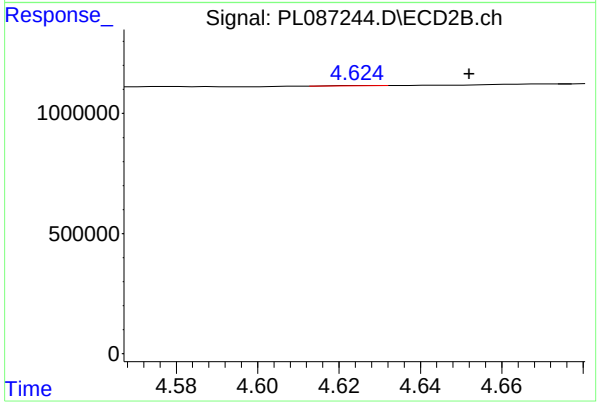
#7 delta-BHC

R.T.: 4.068 min
Delta R.T.: 0.017 min
Response: 20585
Conc: 0.01 ng/ml



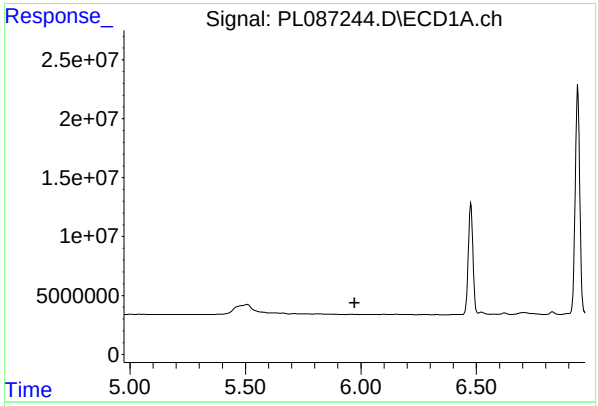
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.587 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

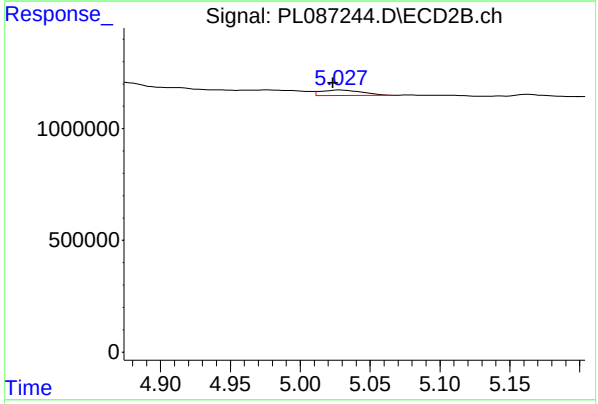
R.T.: 4.625 min
Delta R.T.: -0.027 min
Response: 8573
Conc: 0.00 ng/ml



#9 Endosulfan I

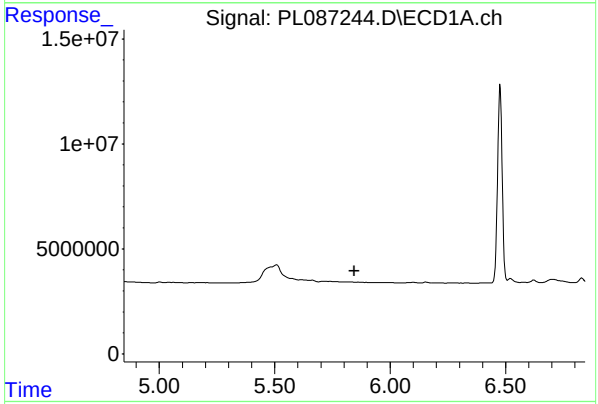
R.T.: 0.000 min
Exp R.T. : 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



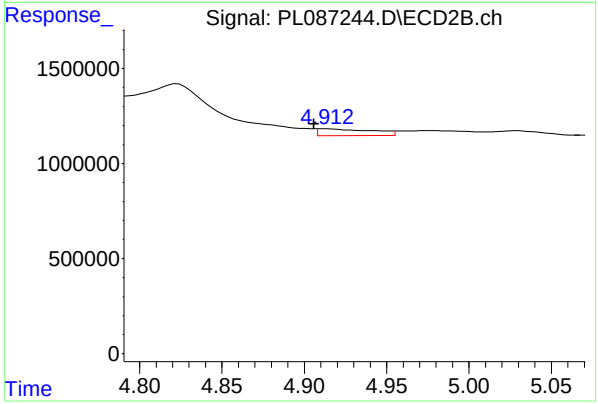
#9 Endosulfan I

R.T.: 5.029 min
Delta R.T.: 0.005 min
Response: 487755
Conc: 0.23 ng/ml



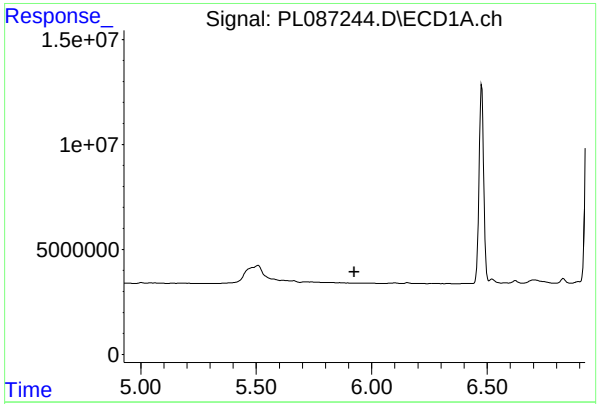
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.844 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

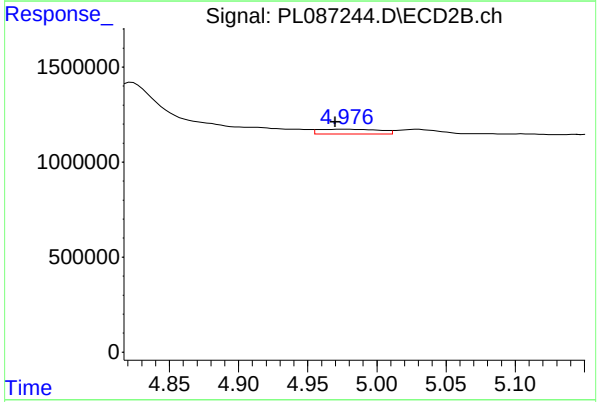
R.T.: 4.913 min
Delta R.T.: 0.007 min
Response: 833426
Conc: 0.36 ng/ml



#11 alpha-Chlordane

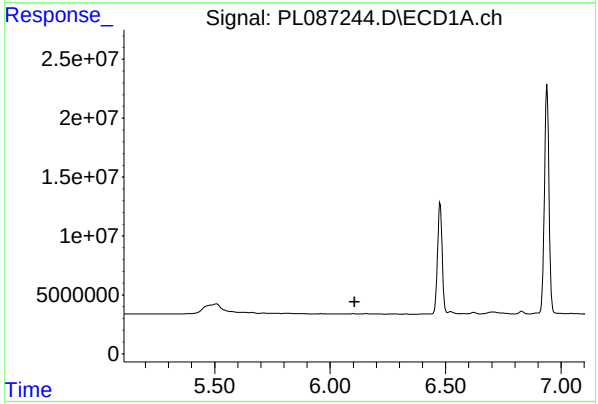
R.T.: 0.000 min
Exp R.T. : 5.924 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



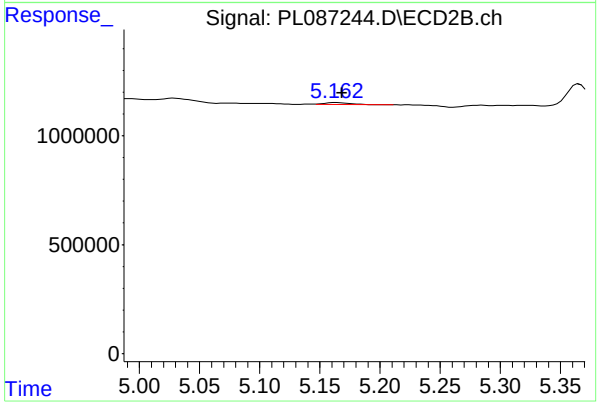
#11 alpha-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.007 min
Response: 770444
Conc: 0.33 ng/ml



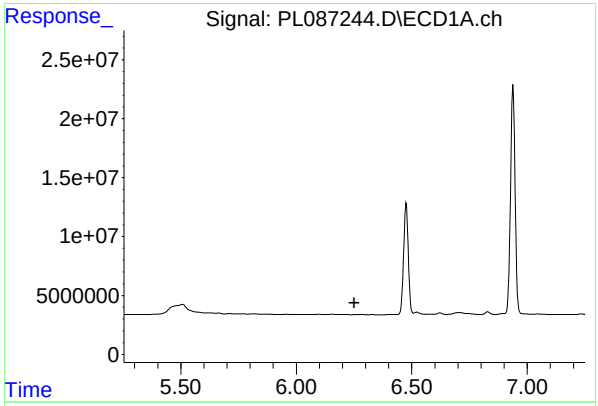
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.106 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

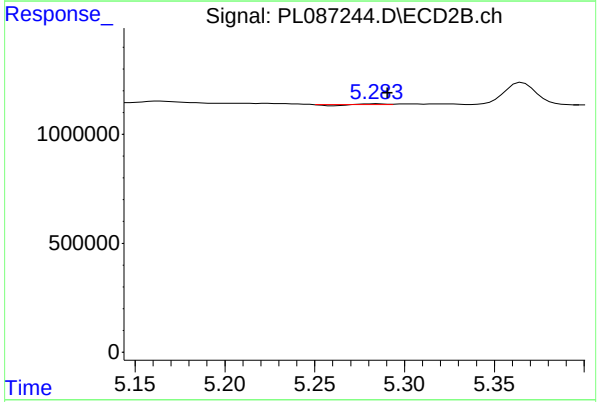
R.T.: 5.163 min
Delta R.T.: -0.006 min
Response: 124504
Conc: 0.06 ng/ml



#13 Dieldrin

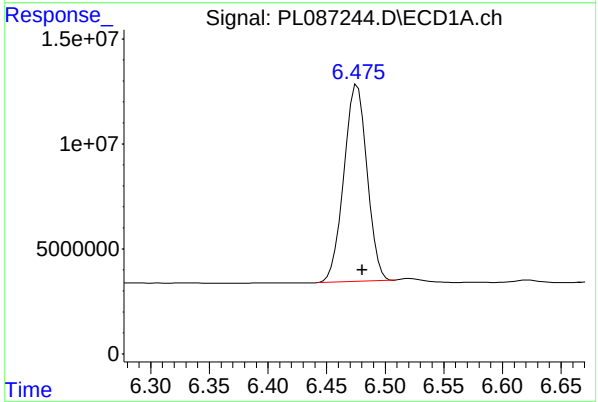
R.T.: 0.000 min
Exp R.T. : 6.251 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



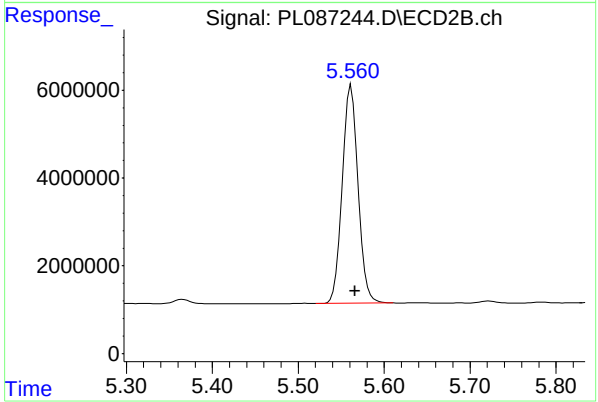
#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.007 min
Response: 2597
Conc: 0.00 ng/ml



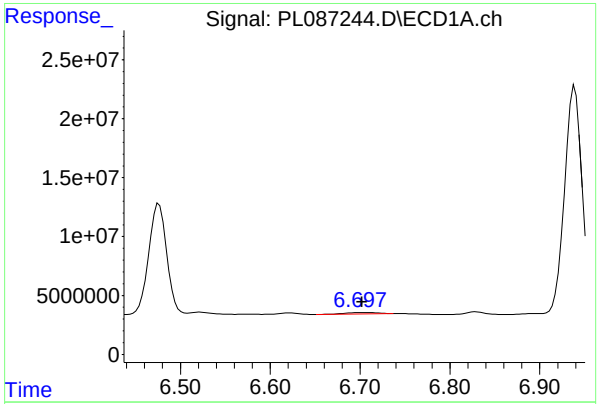
#14 Endrin

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 128938529
Conc: 33.51 ng/ml



#14 Endrin

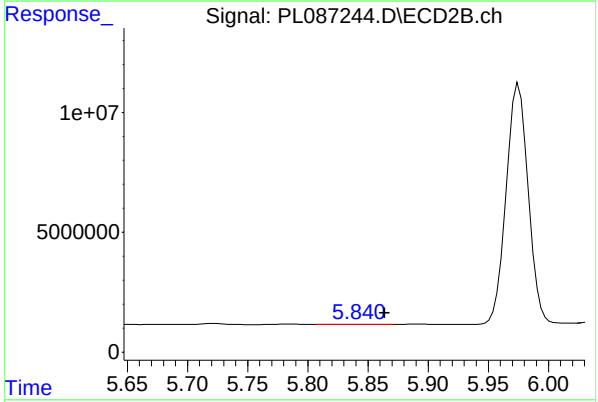
R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 63274442
Conc: 31.71 ng/ml



#15 Endosulfan II

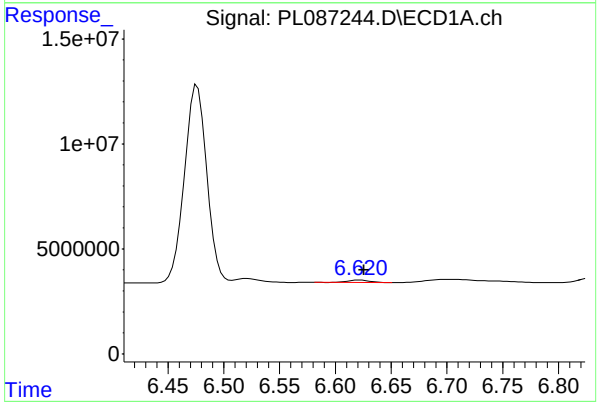
R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 2455114
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



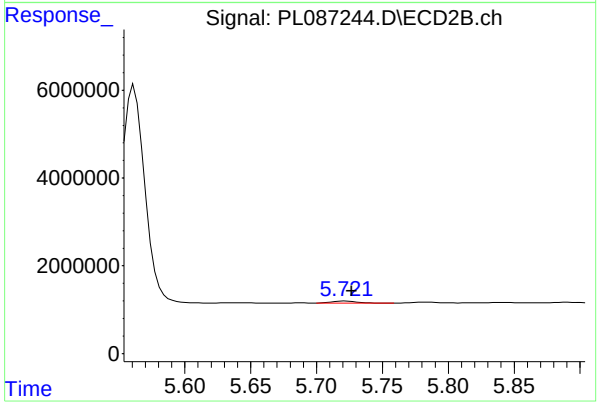
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.022 min
Response: 198515
Conc: 0.10 ng/ml



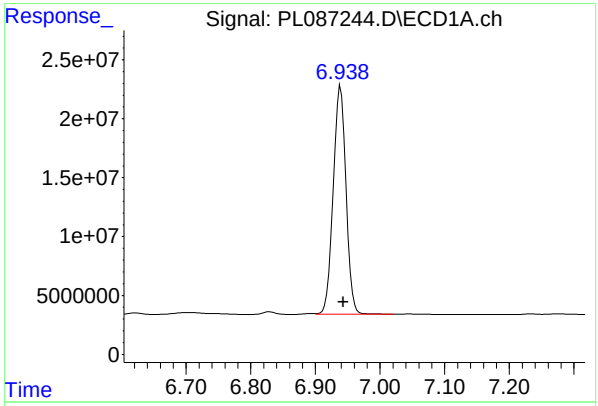
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 1453642
Conc: 0.44 ng/ml



#16 4,4'-DDD

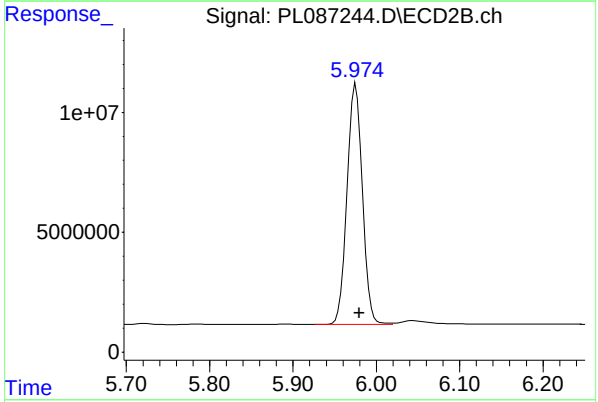
R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 601953
Conc: 0.36 ng/ml



#17 4,4'-DDT

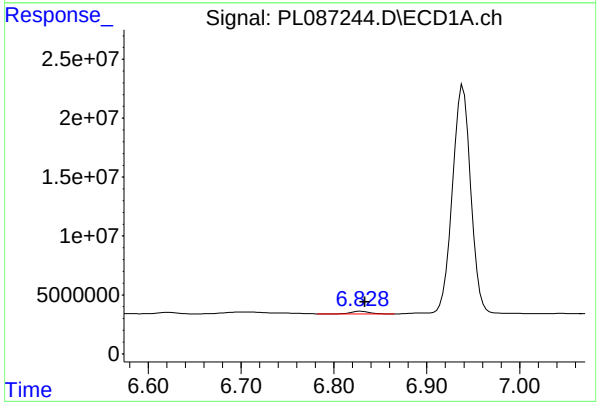
R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 266373994
Conc: 70.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



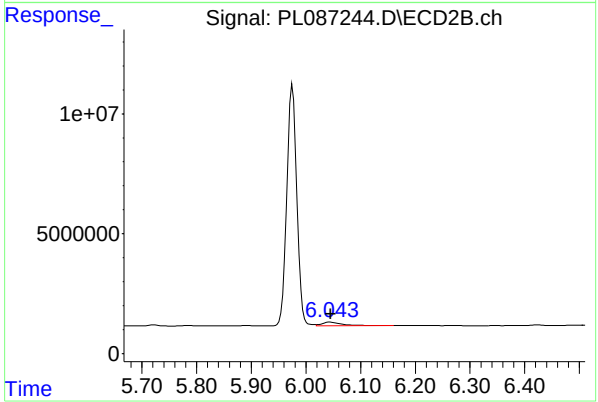
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 128342053
Conc: 69.59 ng/ml



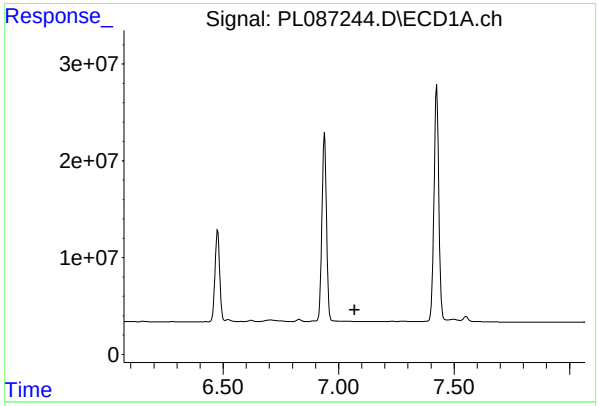
#18 Endrin aldehyde

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 2838815
Conc: 0.98 ng/ml



#18 Endrin aldehyde

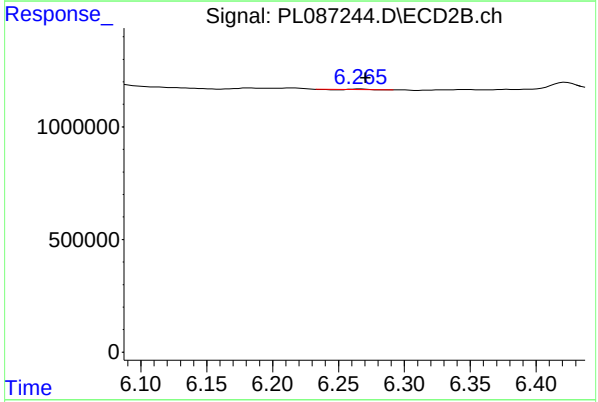
R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 4056675
Conc: 2.76 ng/ml



#19 Endosulfan Sulfate

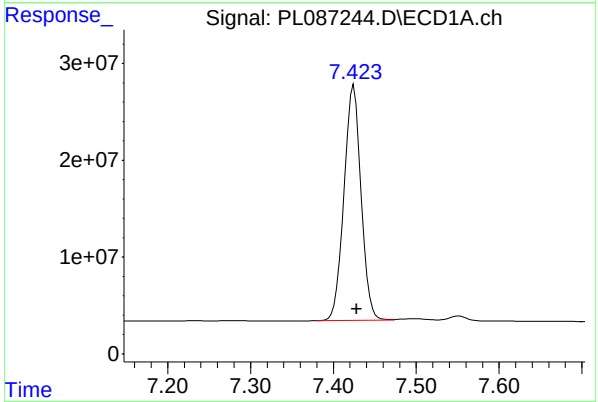
R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



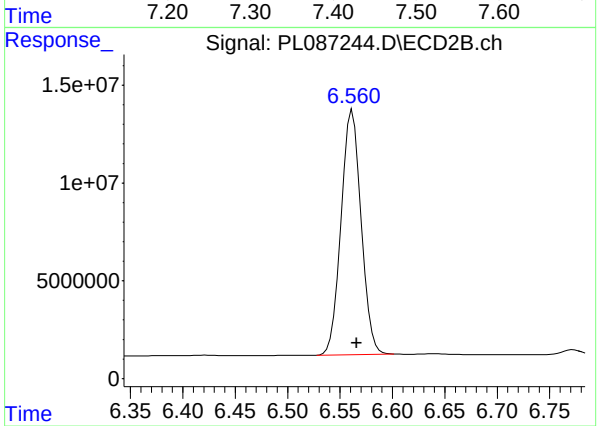
#19 Endosulfan Sulfate

R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 14825
Conc: 0.01 ng/ml



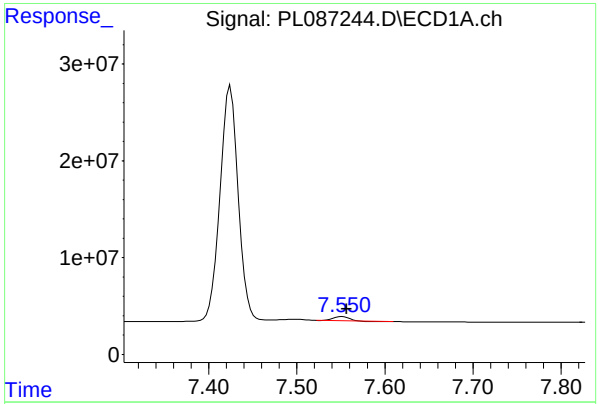
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 348511635
Conc: 178.73 ng/ml



#20 Methoxychlor

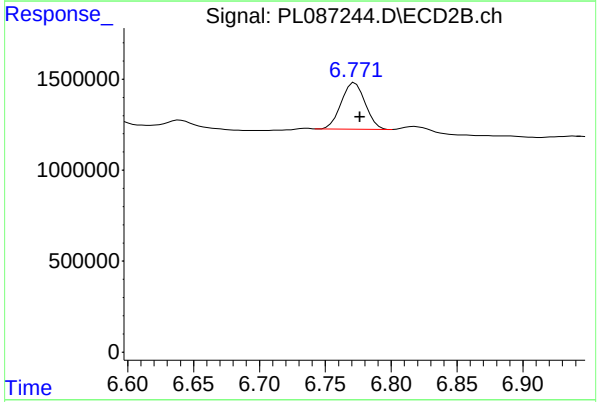
R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 167164453
Conc: 163.66 ng/ml



#21 Endrin ketone

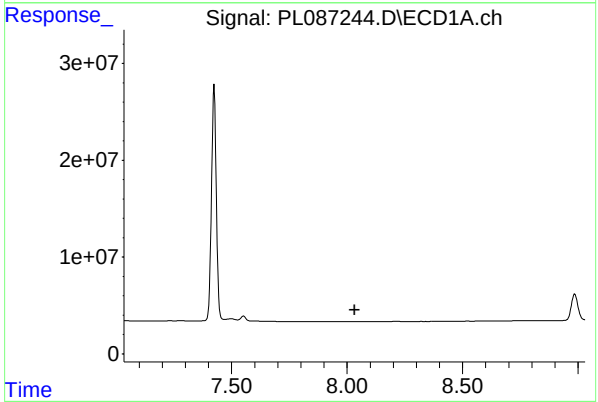
R.T.: 7.552 min
Delta R.T.: -0.005 min
Response: 4744223
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



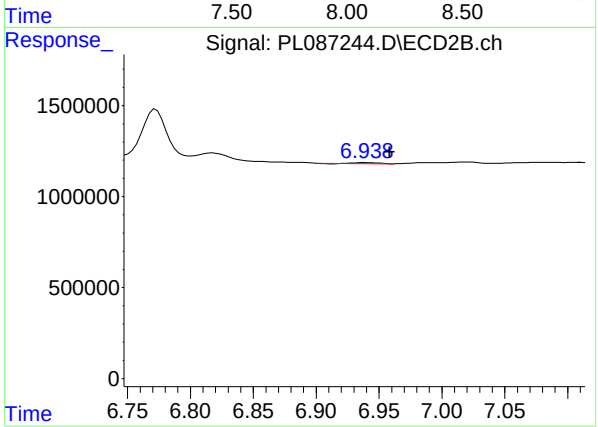
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.004 min
Response: 3218377
Conc: 1.51 ng/ml



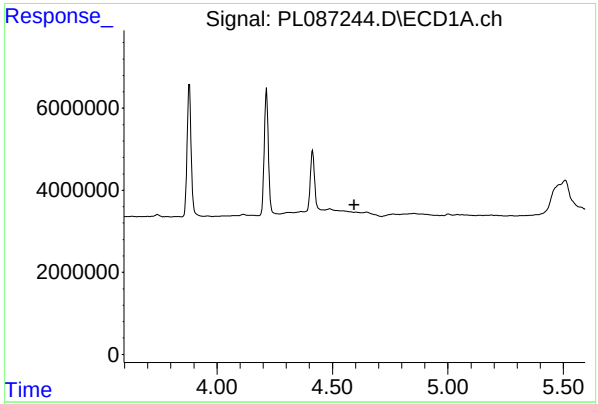
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#22 Mirex

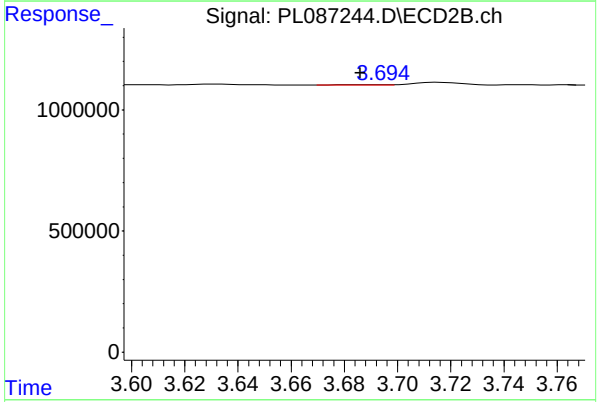
R.T.: 6.940 min
Delta R.T.: -0.019 min
Response: 72913
Conc: 0.04 ng/ml



#23 Chlordane-1

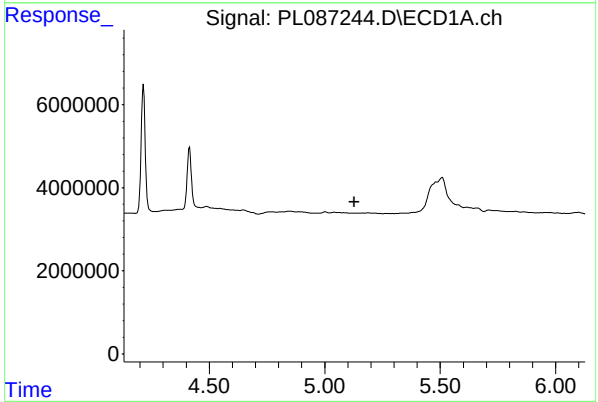
R.T.: 0.000 min
Exp R.T. : 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



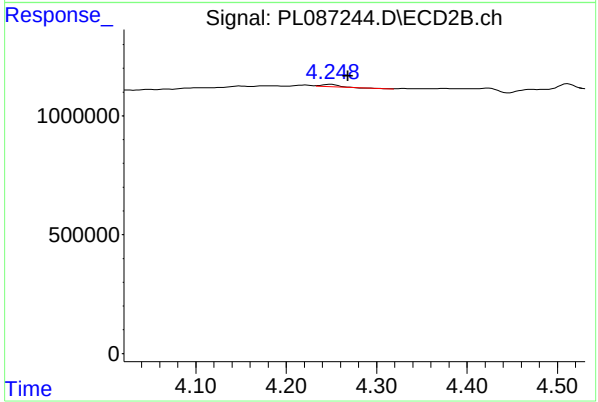
#23 Chlordane-1

R.T.: 3.695 min
Delta R.T.: 0.009 min
Response: 16434
Conc: 0.26 ng/ml



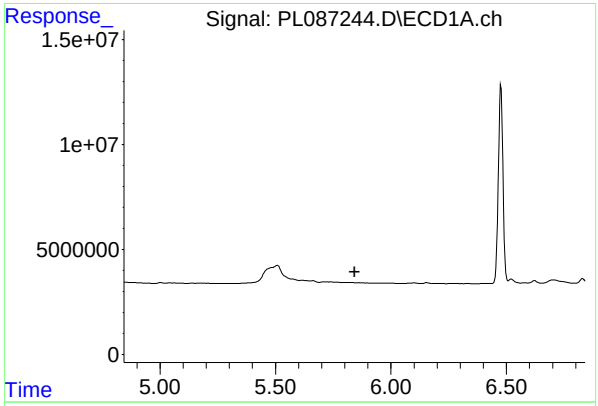
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.128 min
Response: 0
Conc: N.D.



#24 Chlordane-2

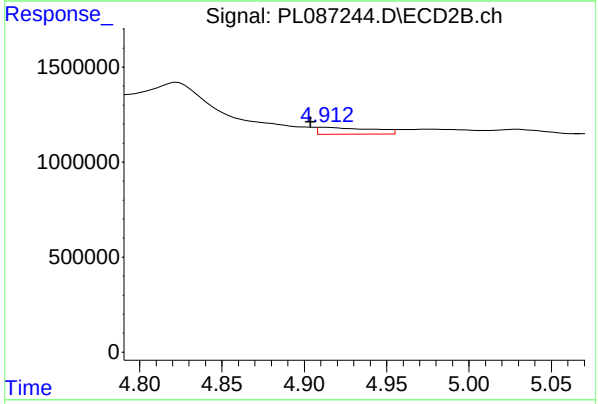
R.T.: 4.250 min
Delta R.T.: -0.019 min
Response: 137629
Conc: 1.79 ng/ml



#25 Chlordane-3

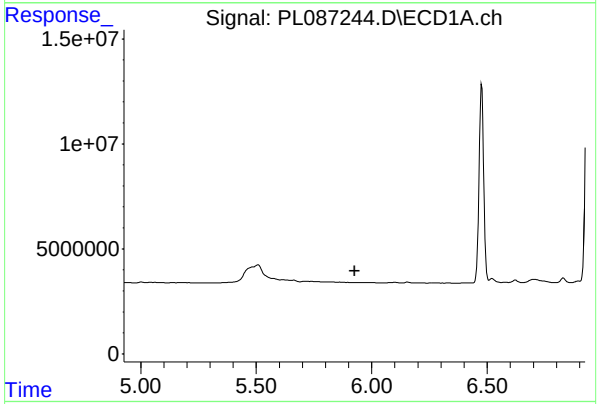
R.T.: 0.000 min
Exp R.T. : 5.843 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



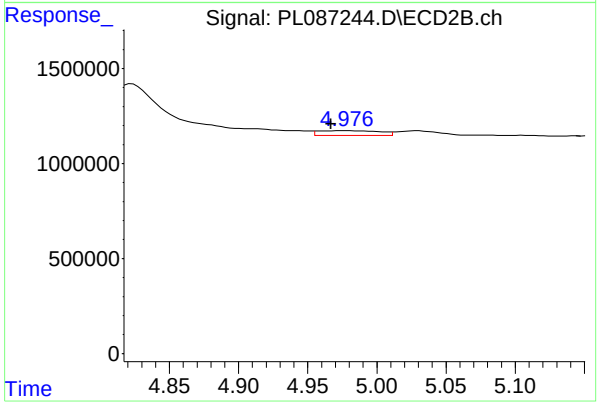
#25 Chlordane-3

R.T.: 4.913 min
Delta R.T.: 0.009 min
Response: 833426
Conc: 3.77 ng/ml



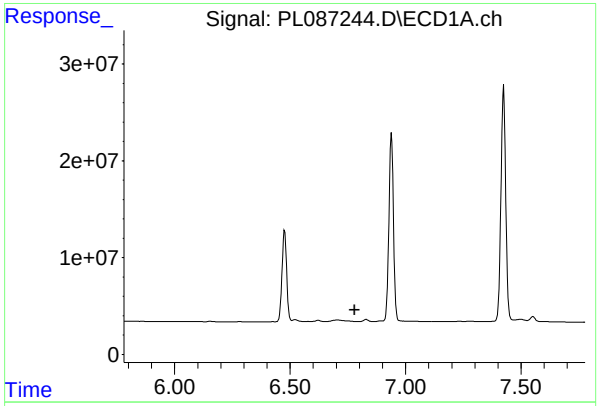
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.927 min
Response: 0
Conc: N.D.



#26 Chlordane-4

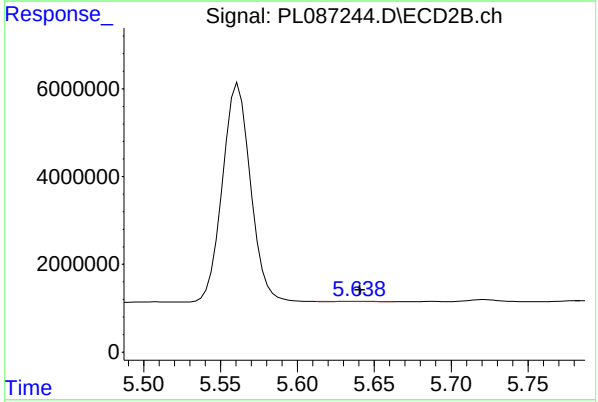
R.T.: 4.977 min
Delta R.T.: 0.010 min
Response: 770444
Conc: 3.31 ng/ml



#27 Chlordane-5

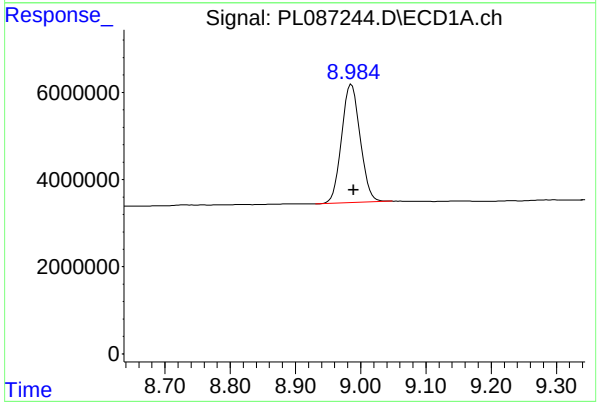
R.T.: 0.000 min
Exp R.T. : 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



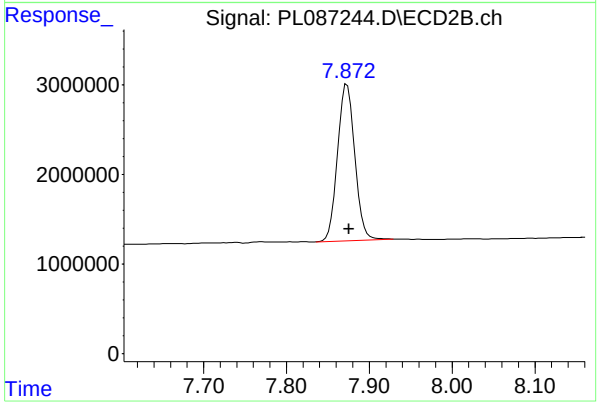
#27 Chlordane-5

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 50315
Conc: 0.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.003 min
Response: 53737587
Conc: 15.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: -0.003 min
Response: 25392822
Conc: 15.03 ng/ml