Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
Data File : PL093362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2024 12:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 02:01:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
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...	3.541	2.776	60540900	65253549	23.294	22.626	
28)	SA Decachlor...	9.061	7.916	44263088	65563650	25.460	22.953	
	Target Compounds							
2)	A alpha-BHC	3.997	3.279	43583322	46315561	12.214	10.848	
3)	MA gamma-BHC...	4.330	3.609	40505750	42797420	11.989	10.338	
4)	MA Heptachlor	0.000	3.965f	0	58244	N.D.	0.014	#
5)	MB Aldrin	0.000	4.242f	0	228663	N.D.	0.057	#
6)	B beta-BHC	4.528	3.910	18822190	20874765	12.467	11.735	
7)	B delta-BHC	0.000	4.139	0	282499	N.D.	0.066	#
8)	B Heptachlo...	0.000	4.736	0	14766	N.D.	0.004	#
9)	A Endosulfan I	0.000	5.079f	0	144659	N.D.	0.043	#
10)	B gamma-Chl...	0.000	4.967	0	669923	N.D.	0.181	#
11)	B alpha-Chl...	0.000	5.012f	0	777597	N.D.	0.214	#
12)	B 4,4'-DDE	0.000	5.233	0	367294	N.D.	0.103	#
13)	MA Dieldrin	0.000	5.368	0	116045	N.D.	0.031	#
14)	MA Endrin	6.578	5.641	112.5E6	173.7E6	53.649	54.479	
15)	B Endosulfa...	6.814f	5.949f	2766659	693000	1.269	0.219	#
16)	A 4,4'-DDD	6.714	5.789	6253581	4670817	3.413	1.666	#
17)	MA 4,4'-DDT	7.028	6.039	202.2E6	351.8E6	104.886	118.767	
18)	B Endrin al...	6.929	6.115	3446166	5424635	1.908	2.069	
19)	B Endosulfa...	0.000	6.322	0	295902	N.D.	0.097	#
20)	A Methoxychlor	7.505	6.615	249.2E6	409.3E6	238.467	268.052	
21)	B Endrin ke...	7.648	6.843	7273701	9346752	3.205	2.784	
23)	Chlordane-1	0.000	3.767	0	74567	N.D.	0.642	#
24)	Chlordane-2	0.000	4.350	0	54026	N.D.	0.403	#
25)	Chlordane-3	0.000	4.967	0	669923	N.D.	1.667	#
26)	Chlordane-4	0.000	5.012f	0	777597	N.D.	1.994	#
27)	Chlordane-5	0.000	5.949	0	693000	N.D.	5.057	#

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

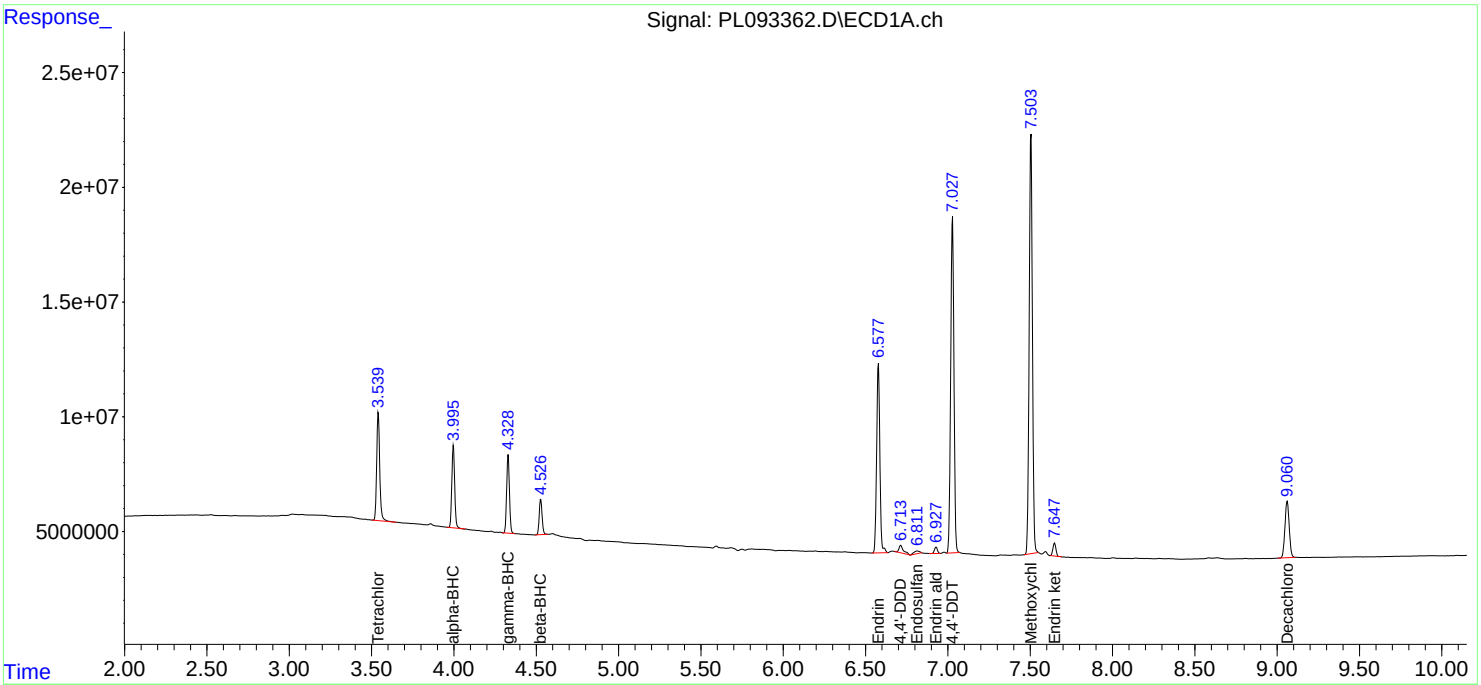
Quantitation Report (Not Reviewed)

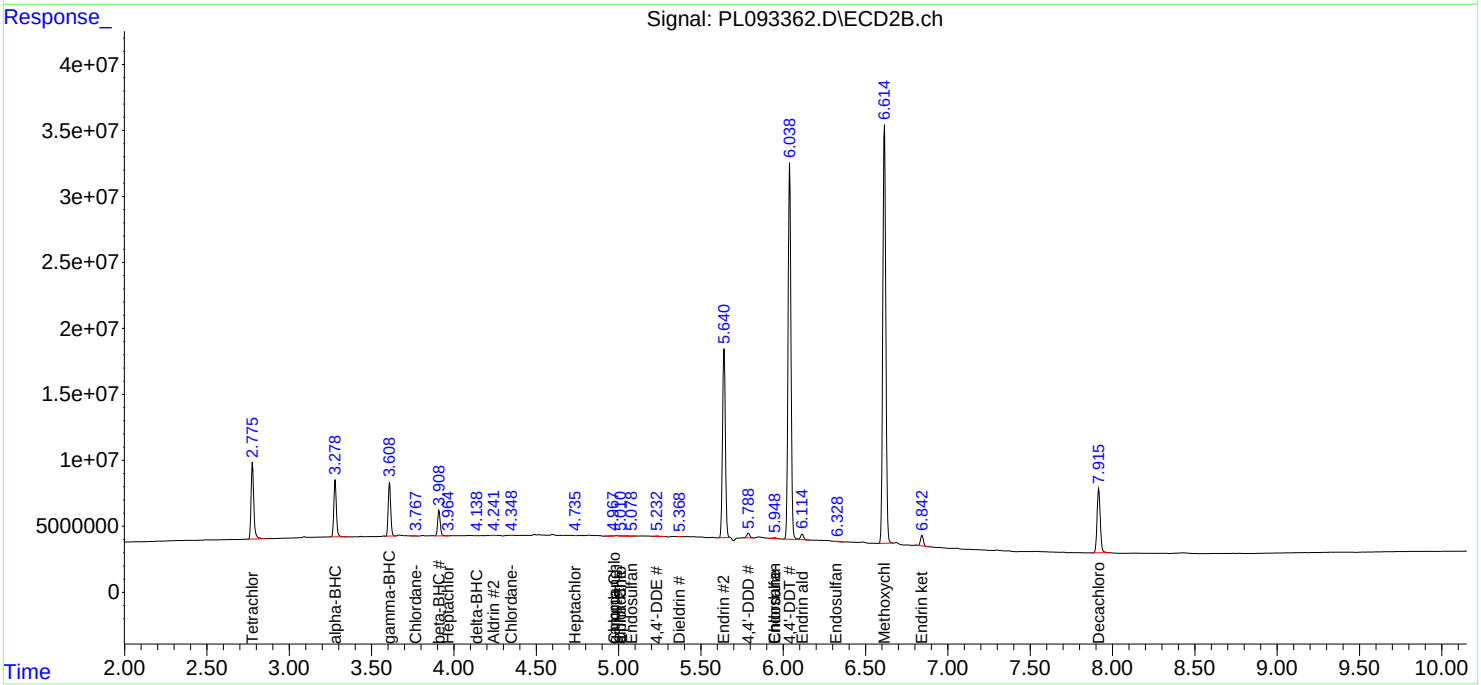
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
Data File : PL093362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2024 12:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

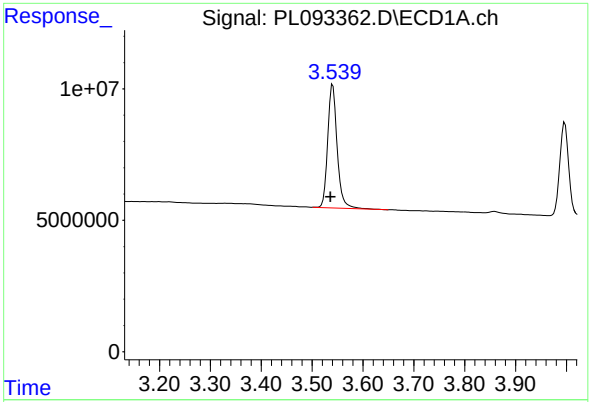
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 02:01:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
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



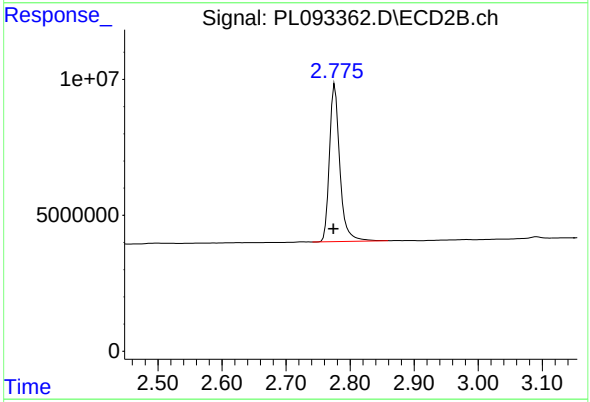




#1 Tetrachloro-m-xylene

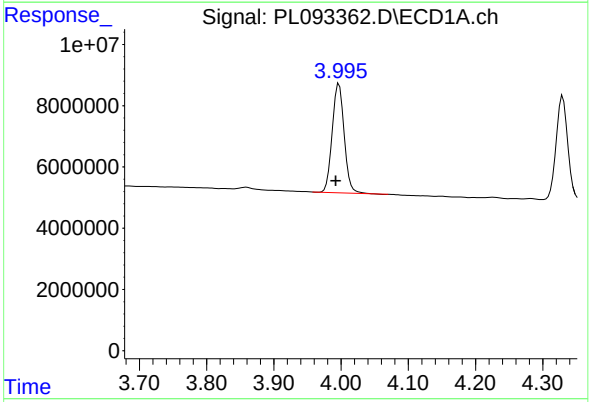
R.T.: 3.541 min
Delta R.T.: 0.005 min
Response: 60540900
Conc: 23.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



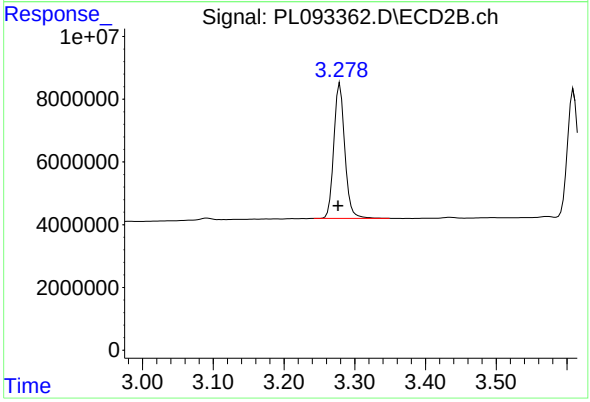
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 65253549
Conc: 22.63 ng/ml



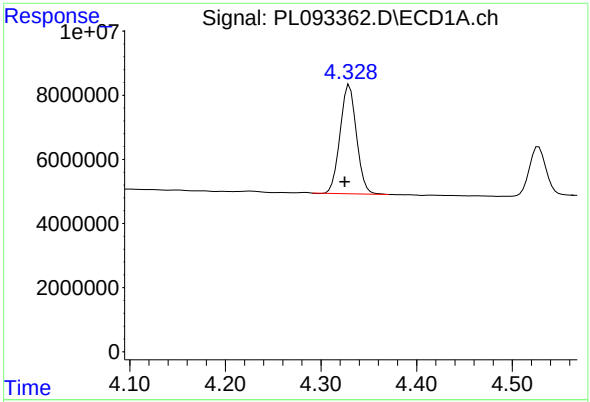
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.005 min
Response: 43583322
Conc: 12.21 ng/ml



#2 alpha-BHC

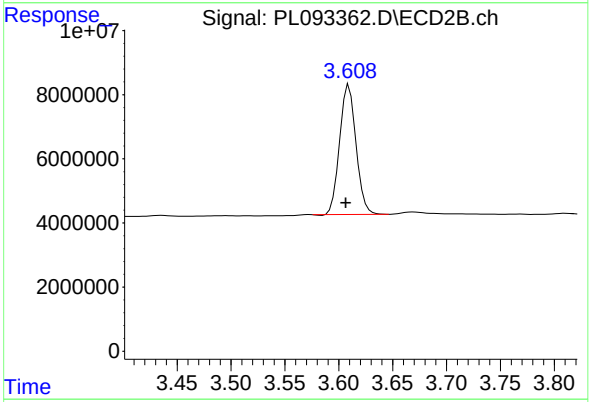
R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 46315561
Conc: 10.85 ng/ml



#3 gamma-BHC (Lindane)

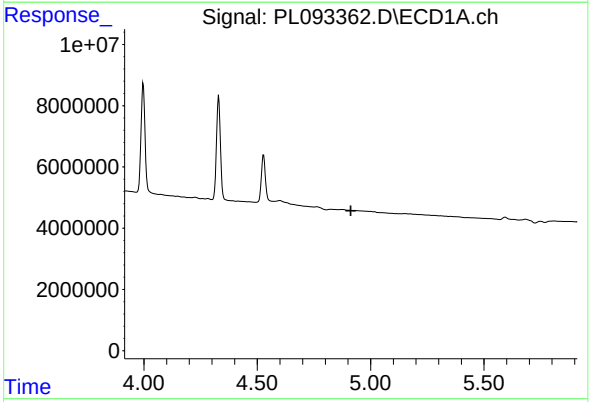
R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 40505750
Conc: 11.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



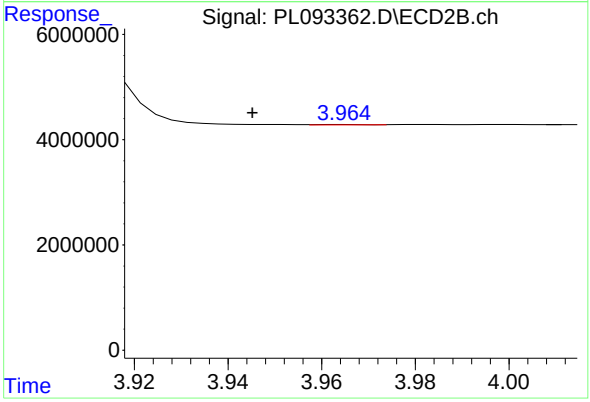
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 42797420
Conc: 10.34 ng/ml



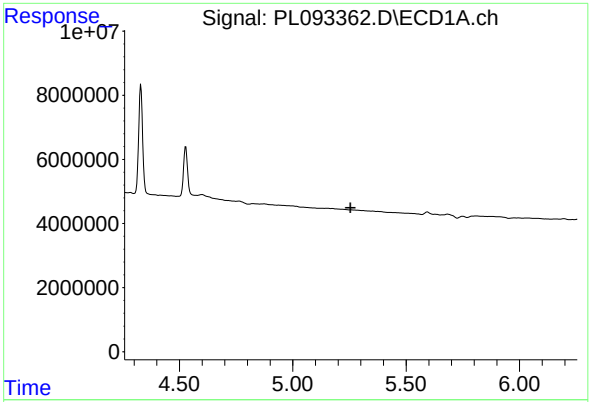
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.913 min
Response: 0
Conc: N.D.



#4 Heptachlor

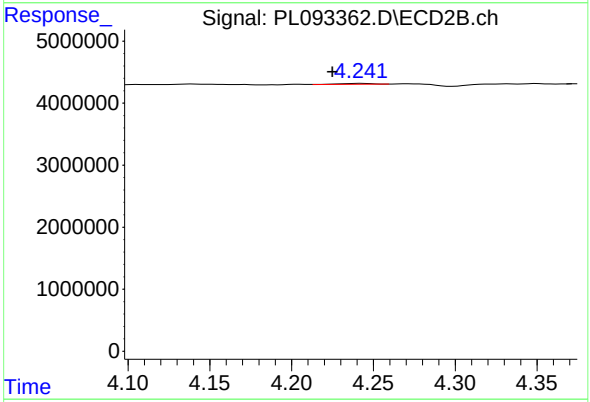
R.T.: 3.965 min
Delta R.T.: 0.020 min
Response: 58244
Conc: 0.01 ng/ml



#5 Aldrin

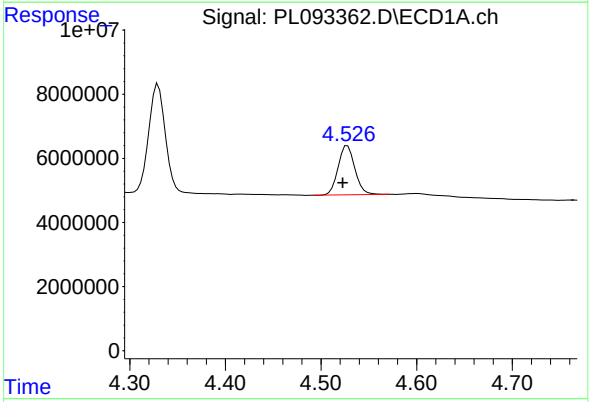
R.T.: 0.000 min
Exp R.T. : 5.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



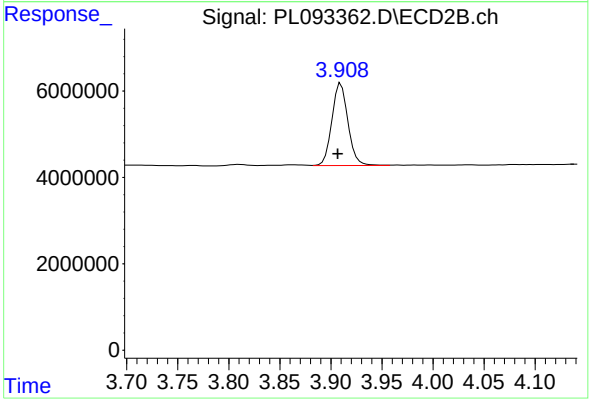
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: 0.017 min
Response: 228663
Conc: 0.06 ng/ml



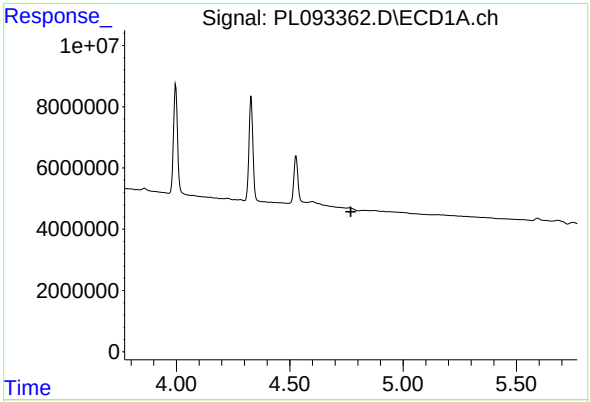
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 18822190
Conc: 12.47 ng/ml



#6 beta-BHC

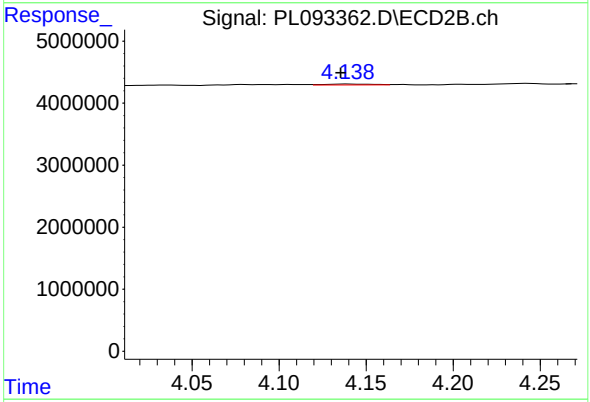
R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 20874765
Conc: 11.73 ng/ml



#7 delta-BHC

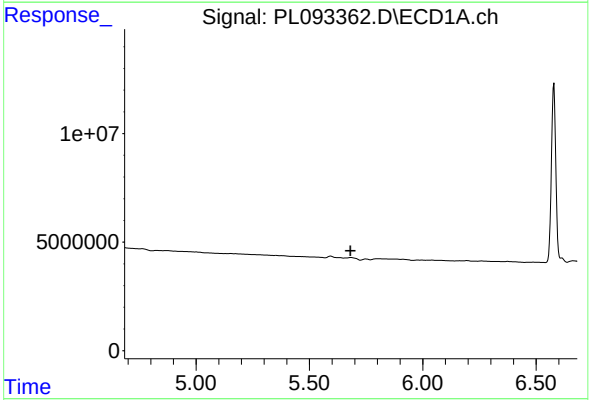
R.T.: 0.000 min
Exp R.T. : 4.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



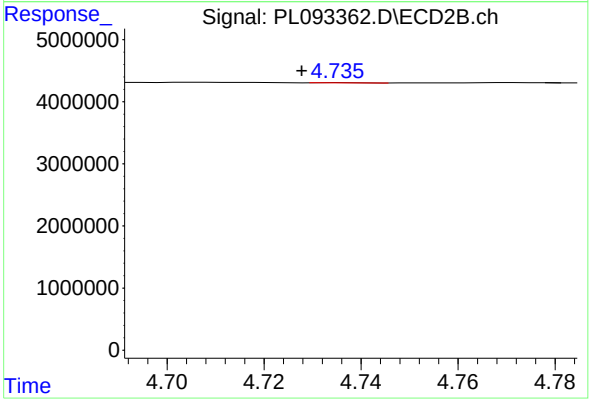
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: 0.004 min
Response: 282499
Conc: 0.07 ng/ml



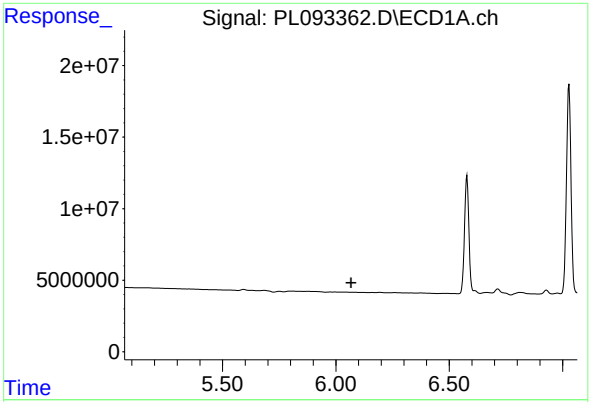
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

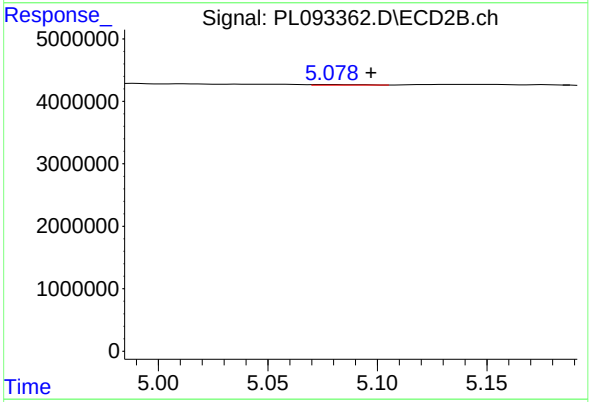
R.T.: 4.736 min
Delta R.T.: 0.008 min
Response: 14766
Conc: 0.00 ng/ml



#9 Endosulfan I

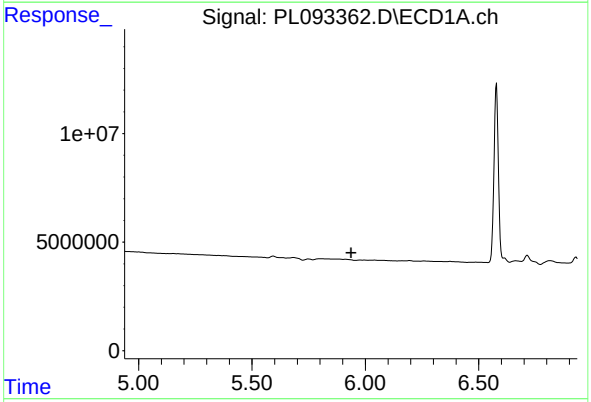
R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



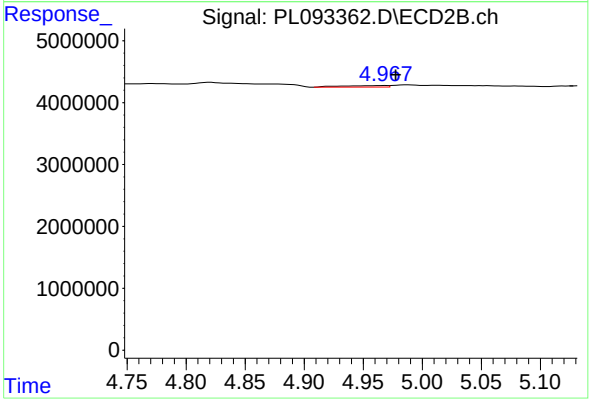
#9 Endosulfan I

R.T.: 5.079 min
Delta R.T.: -0.018 min
Response: 144659
Conc: 0.04 ng/ml



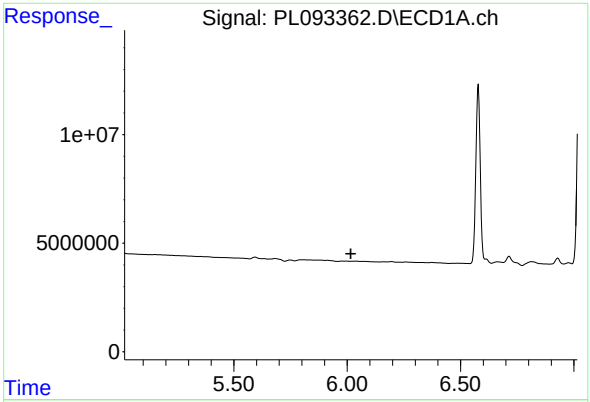
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

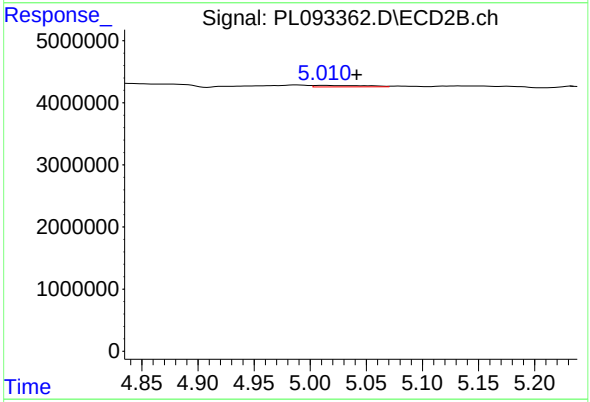
R.T.: 4.967 min
Delta R.T.: -0.010 min
Response: 669923
Conc: 0.18 ng/ml



#11 alpha-Chlordane

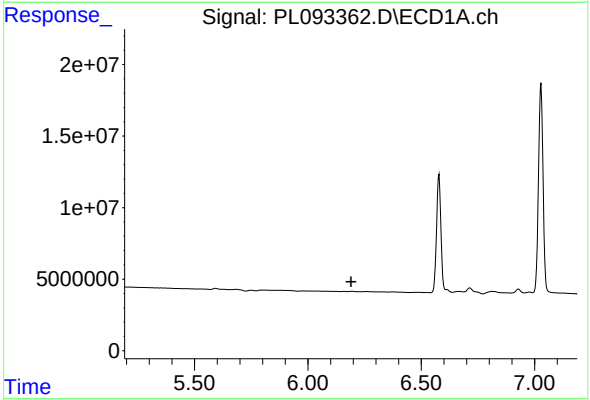
R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



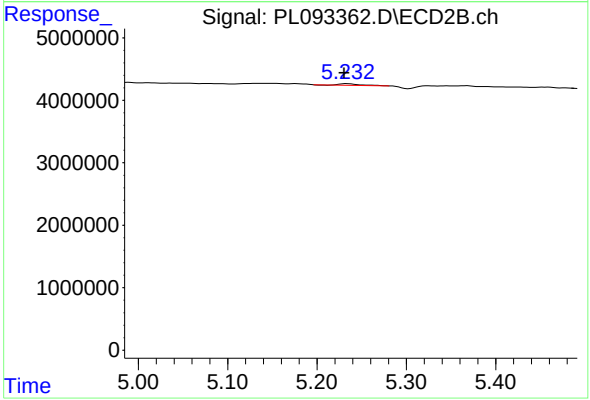
#11 alpha-Chlordane

R.T.: 5.012 min
Delta R.T.: -0.030 min
Response: 777597
Conc: 0.21 ng/ml



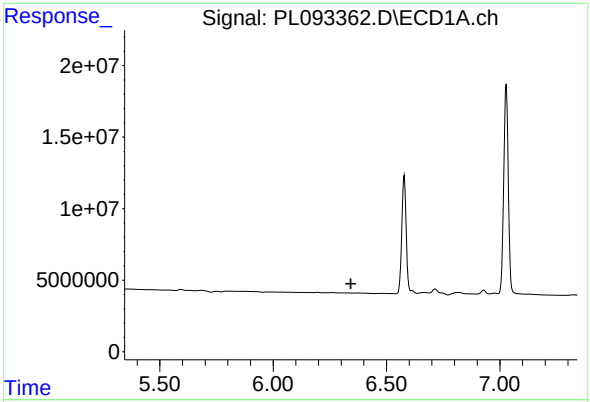
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.190 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

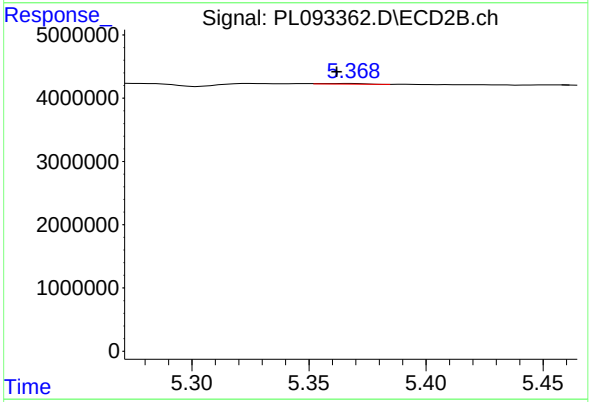
R.T.: 5.233 min
Delta R.T.: 0.003 min
Response: 367294
Conc: 0.10 ng/ml



#13 Dieldrin

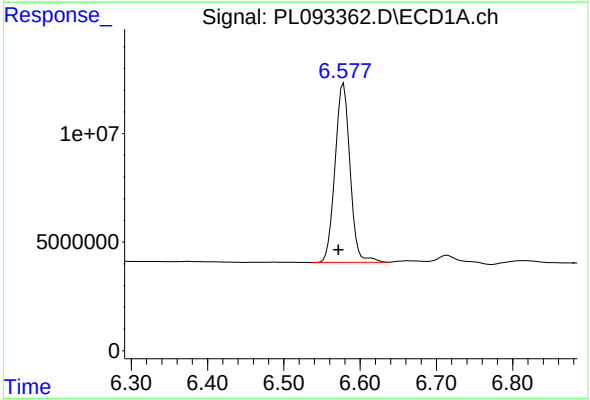
R.T.: 0.000 min
Exp R.T. : 6.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



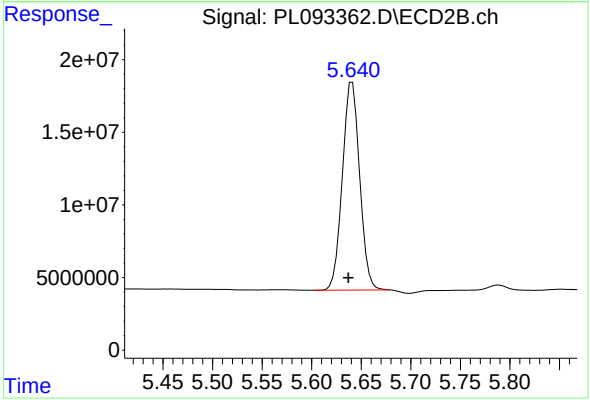
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.006 min
Response: 116045
Conc: 0.03 ng/ml



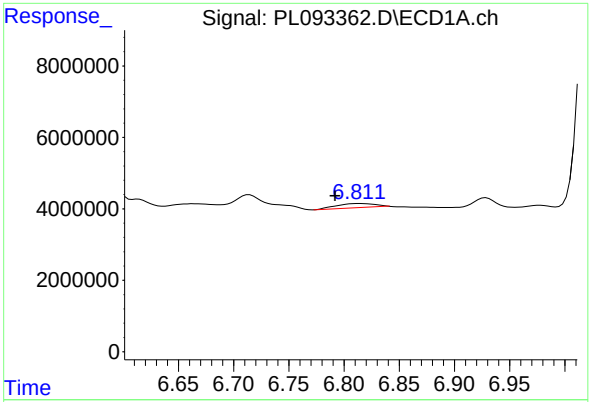
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.006 min
Response: 112528542
Conc: 53.65 ng/ml



#14 Endrin

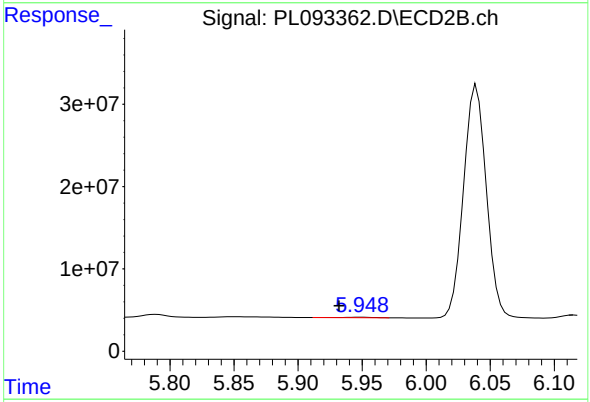
R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 173747259
Conc: 54.48 ng/ml



#15 Endosulfan II

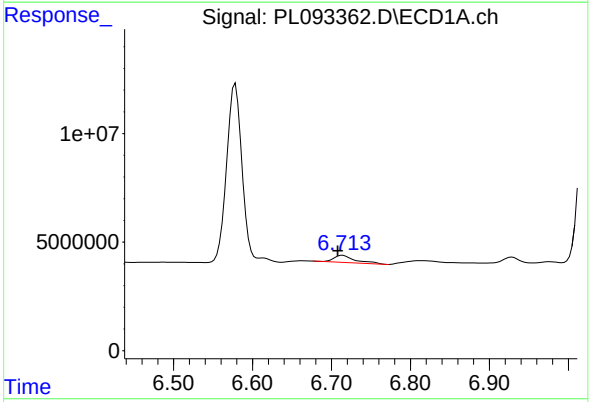
R.T.: 6.814 min
Delta R.T.: 0.022 min
Response: 2766659
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



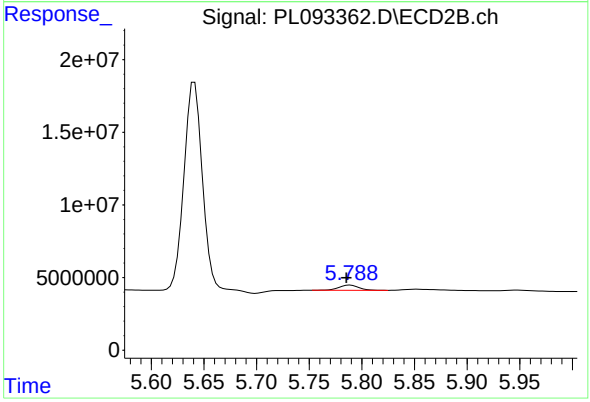
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.017 min
Response: 693000
Conc: 0.22 ng/ml



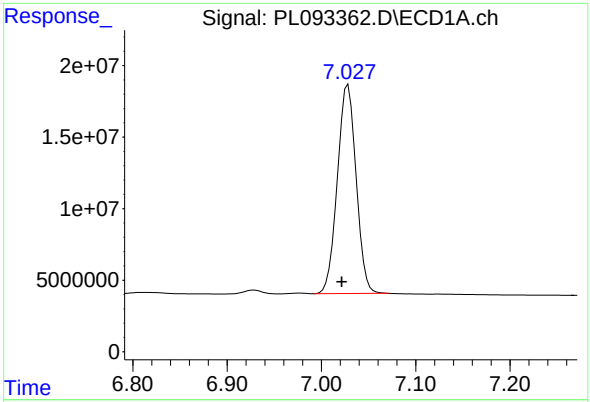
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.006 min
Response: 6253581
Conc: 3.41 ng/ml



#16 4,4'-DDD

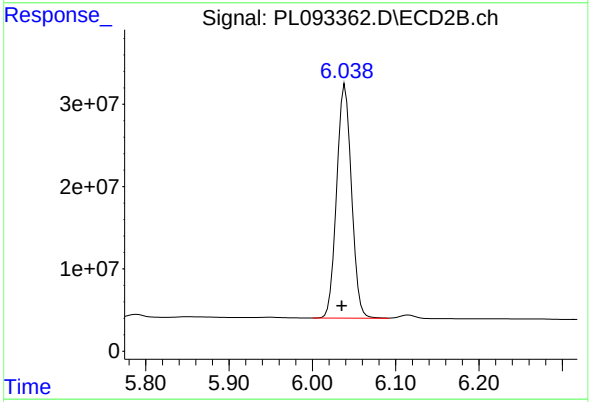
R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 4670817
Conc: 1.67 ng/ml



#17 4,4'-DDT

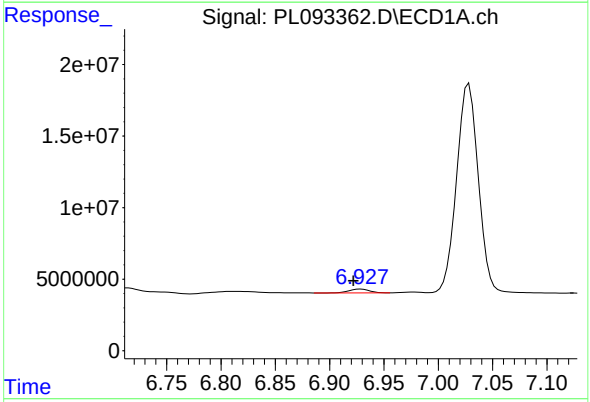
R.T.: 7.028 min
Delta R.T.: 0.007 min
Response: 202201922
Conc: 104.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



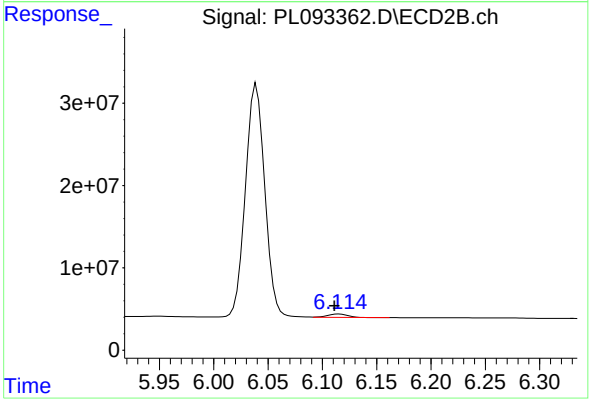
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.004 min
Response: 351760330
Conc: 118.77 ng/ml



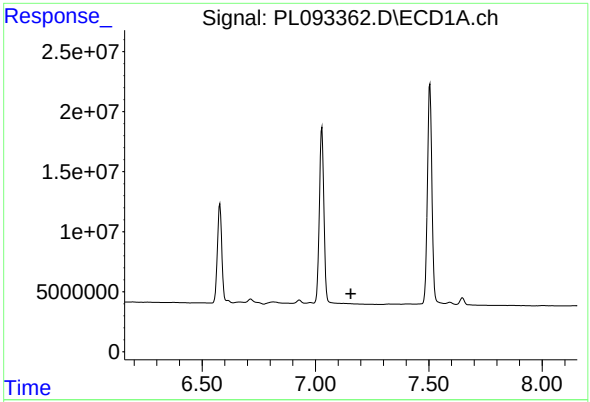
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.007 min
Response: 3446166
Conc: 1.91 ng/ml



#18 Endrin aldehyde

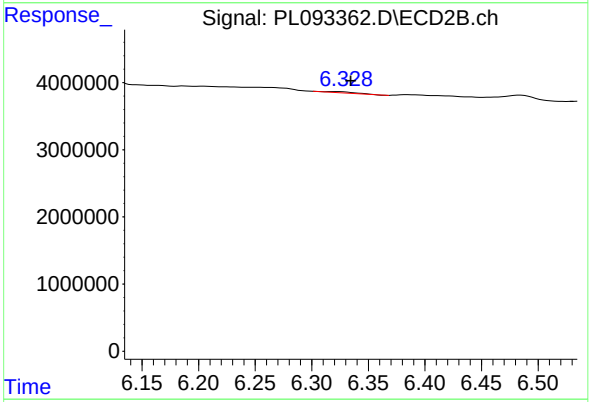
R.T.: 6.115 min
Delta R.T.: 0.004 min
Response: 5424635
Conc: 2.07 ng/ml



#19 Endosulfan Sulfate

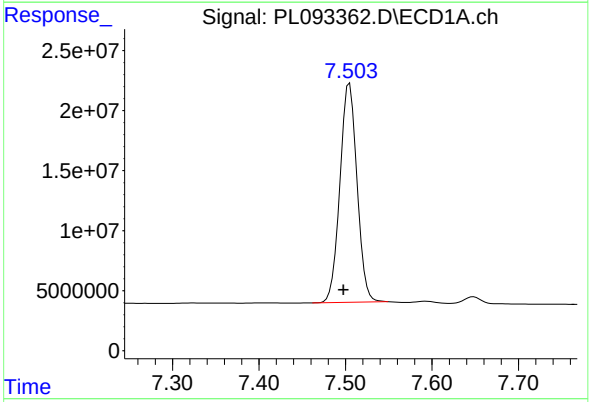
R.T.: 0.000 min
Exp R.T. : 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



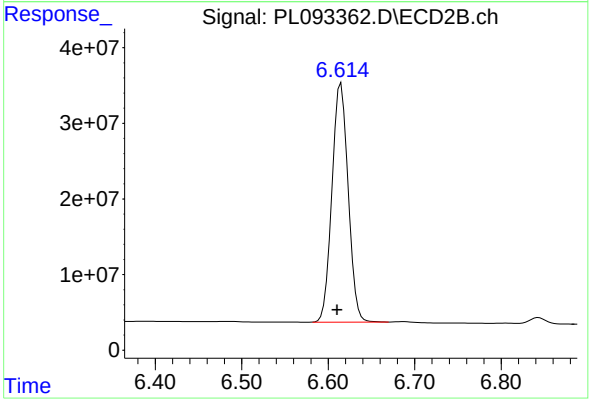
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.012 min
Response: 295902
Conc: 0.10 ng/ml



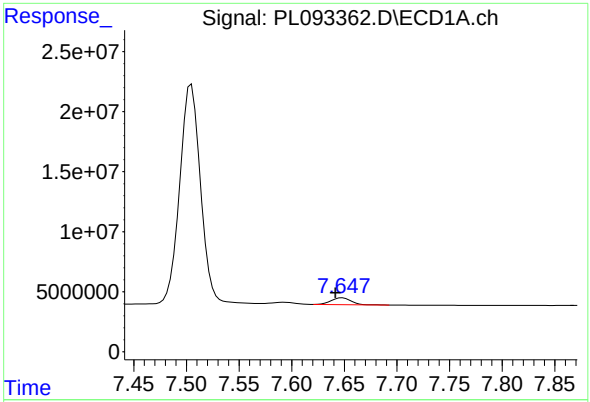
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.007 min
Response: 249168886
Conc: 238.47 ng/ml



#20 Methoxychlor

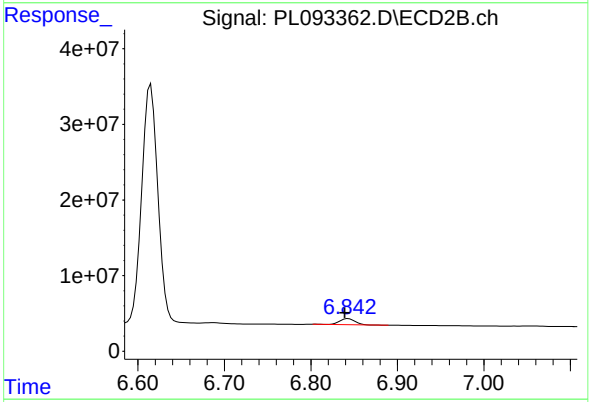
R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 409299481
Conc: 268.05 ng/ml



#21 Endrin ketone

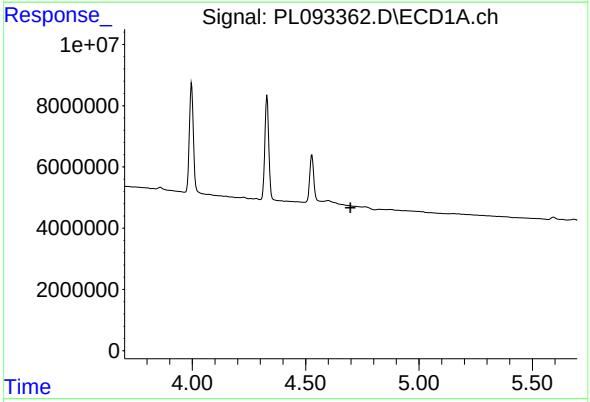
R.T.: 7.648 min
Delta R.T.: 0.007 min
Response: 7273701
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



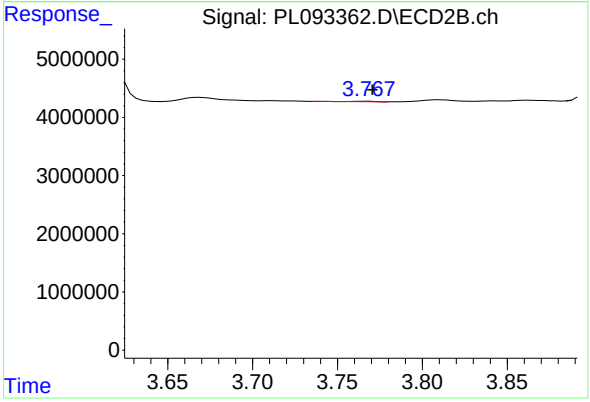
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 9346752
Conc: 2.78 ng/ml



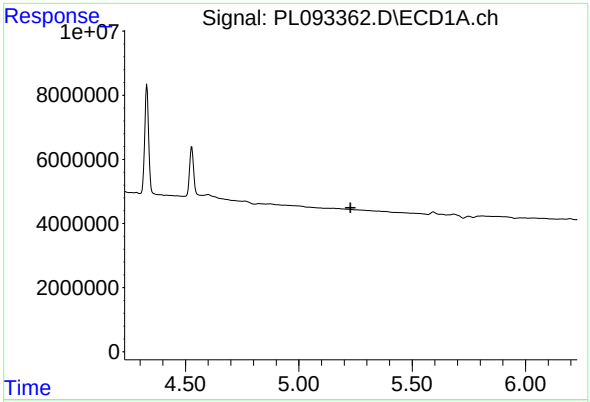
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.698 min
Response: 0
Conc: N.D.



#23 Chlordane-1

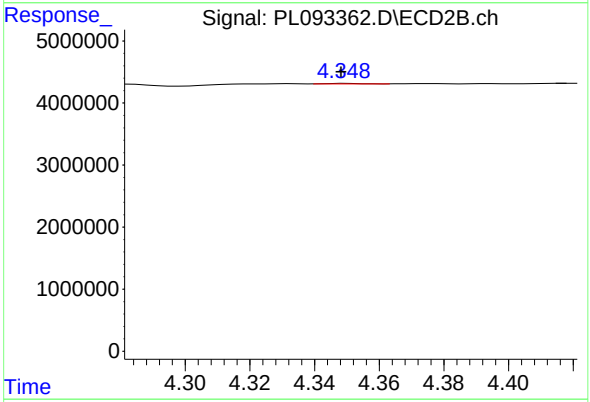
R.T.: 3.767 min
Delta R.T.: -0.003 min
Response: 74567
Conc: 0.64 ng/ml



#24 Chlordane-2

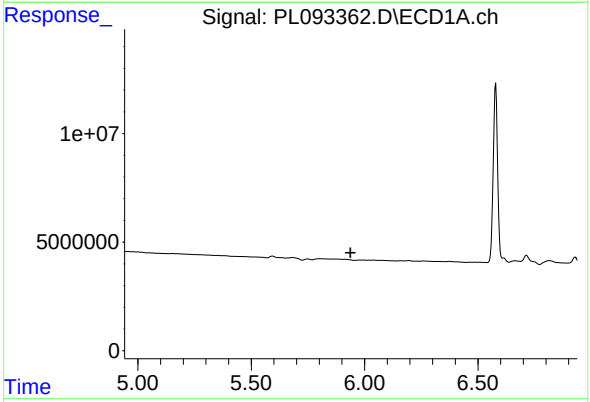
R.T.: 0.000 min
Exp R.T. : 5.228 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



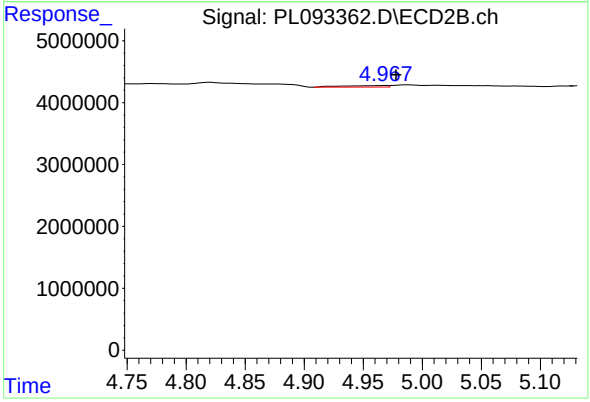
#24 Chlordane-2

R.T.: 4.350 min
Delta R.T.: 0.002 min
Response: 54026
Conc: 0.40 ng/ml



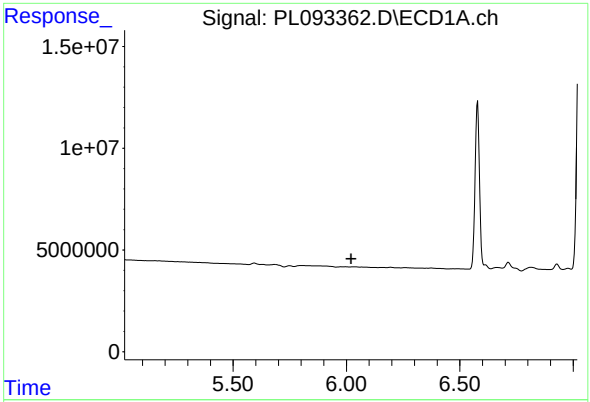
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.



#25 Chlordane-3

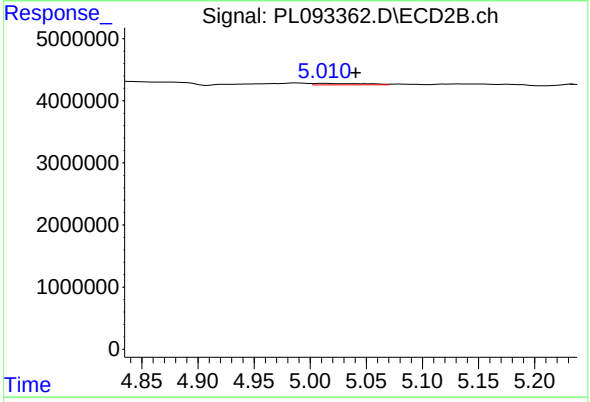
R.T.: 4.967 min
Delta R.T.: -0.011 min
Response: 669923
Conc: 1.67 ng/ml



#26 Chlordane-4

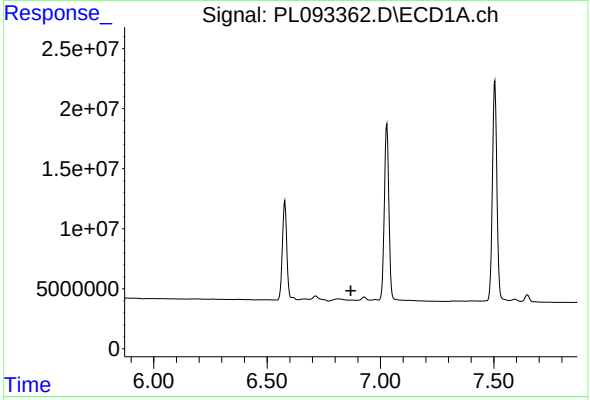
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



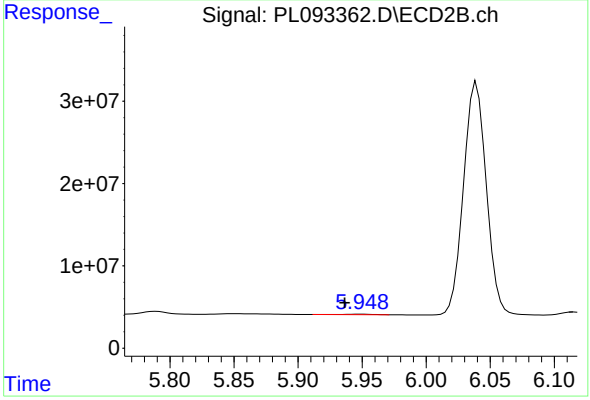
#26 Chlordane-4

R.T.: 5.012 min
Delta R.T.: -0.029 min
Response: 777597
Conc: 1.99 ng/ml



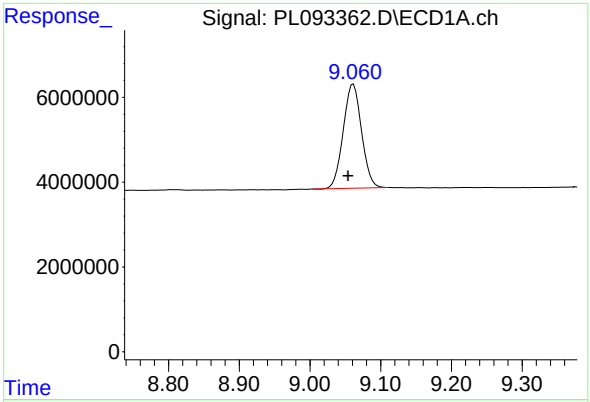
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.870 min
Response: 0
Conc: N.D.



#27 Chlordane-5

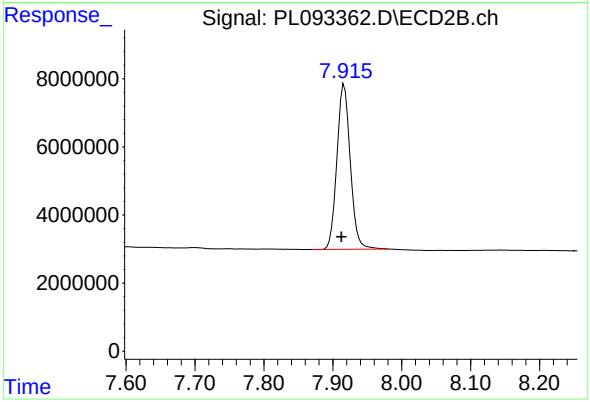
R.T.: 5.949 min
Delta R.T.: 0.013 min
Response: 693000
Conc: 5.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.007 min
Response: 44263088
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.004 min
Response: 65563650
Conc: 22.95 ng/ml