Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
Data File : PL093596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jan 2025 09:53
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: Jan 09 00:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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...	3.538	2.775	55060846	63776171	22.241	21.907	
28)	SA Decachlor...	9.056	7.911	42224034	67386878	22.836	22.568	
	Target Compounds							
2)	A alpha-BHC	3.993	3.277	40404531	45548143	11.703	10.479	
3)	MA gamma-BHC...	4.326	3.607	38482412	42686094	11.734	10.117	
4)	MA Heptachlor	0.000	3.965f	0	26086	N.D.	0.006	#
5)	MB Aldrin	0.000	4.240	0	188177	N.D.	0.046	#
6)	B beta-BHC	4.525	3.907	17568474	21003052	12.187	11.685	
7)	B delta-BHC	0.000	4.137	0	272523	N.D.	0.064	#
8)	B Heptachlo...	0.000	4.737	0	14188	N.D.	0.004	#
9)	A Endosulfan I	0.000	5.095	0	29575	N.D.	0.008	#
10)	B gamma-Chl...	0.000	4.986	0	892488	N.D.	0.232	#
11)	B alpha-Chl...	0.000	5.045	0	119575	N.D.	0.031	#
12)	B 4,4'-DDE	0.000	5.231	0	474094	N.D.	0.129	#
13)	MA Dieldrin	0.000	5.382f	0	10078	N.D.	0.003	#
14)	MA Endrin	6.574	5.637	101.8E6	168.2E6	47.291	50.837	
15)	B Endosulfa...	0.000	5.946	0	946624	N.D.	0.291	#
16)	A 4,4'-DDD	6.710	5.785	4337447	5706928	2.470	2.016	
17)	MA 4,4'-DDT	7.024	6.035	187.2E6	352.5E6	101.260	116.726	
18)	B Endrin al...	6.924	6.111	4293506	6881936	2.420	2.555	
19)	B Endosulfa...	0.000	6.319f	0	157435	N.D.	0.050	#
20)	A Methoxychlor	7.500	6.610	232.3E6	412.7E6	232.330	256.379	
21)	B Endrin ke...	7.643	6.839	7820758	13174692	3.485	3.619	
23)	Chlordane-1	0.000	3.771	0	53949	N.D.	0.447	#
24)	Chlordane-2	0.000	4.362	0	231456	N.D.	1.667	#
25)	Chlordane-3	0.000	4.986	0	892488	N.D.	2.103	#
26)	Chlordane-4	0.000	5.045	0	119575	N.D.	0.291	#
27)	Chlordane-5	0.000	5.946	0	946624	N.D.	7.110	#

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

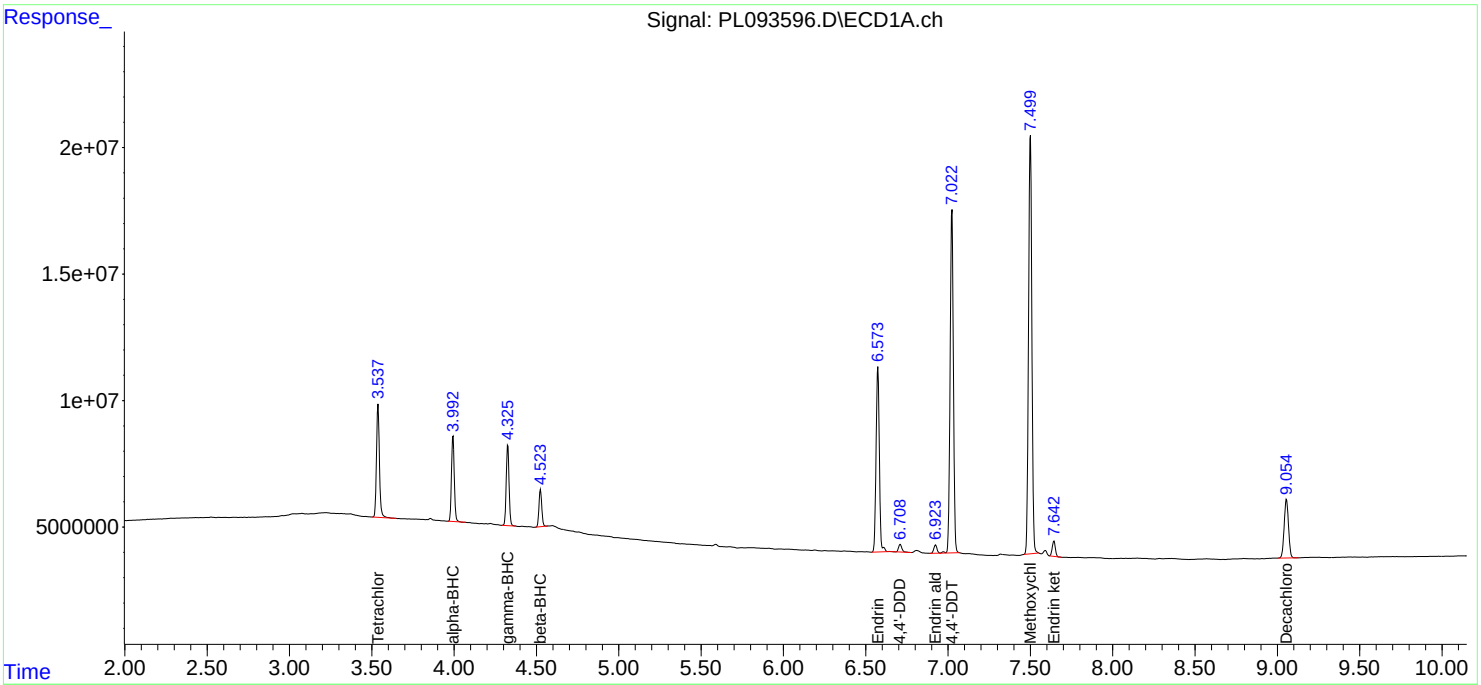
Quantitation Report (Not Reviewed)

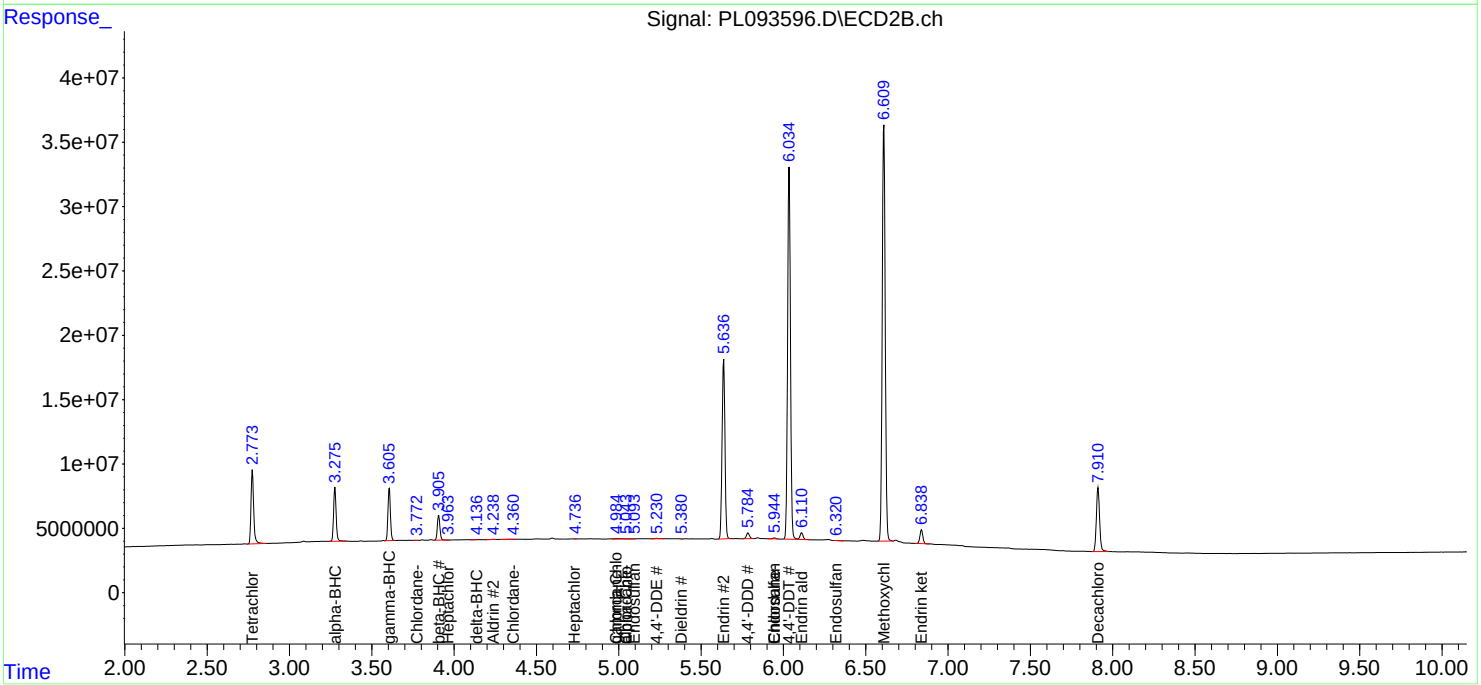
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
Data File : PL093596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jan 2025 09:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

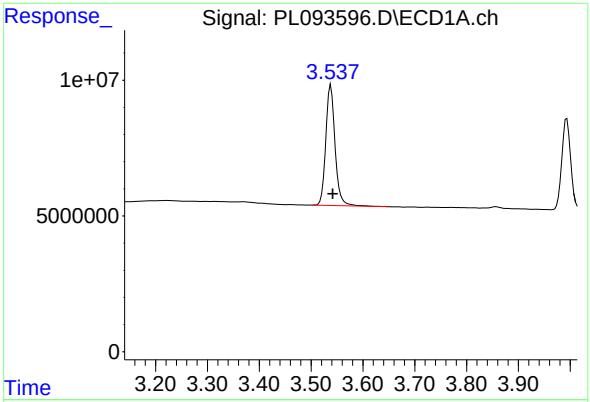
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 00:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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



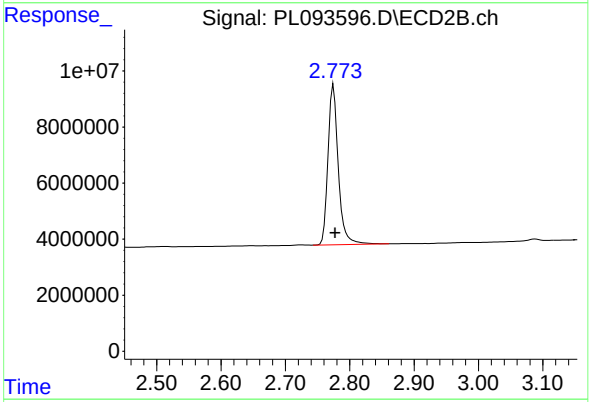




#1 Tetrachloro-m-xylene

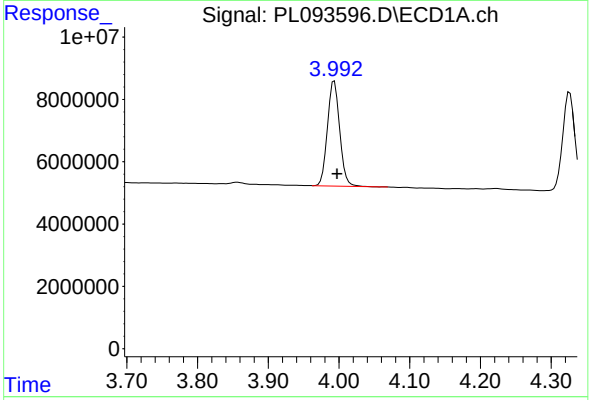
R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 55060846
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



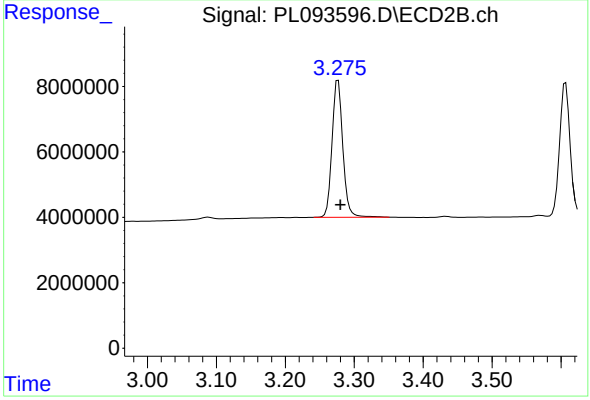
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 63776171
Conc: 21.91 ng/ml



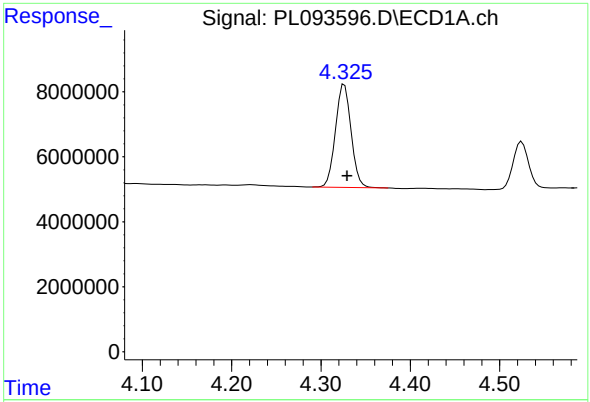
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 40404531
Conc: 11.70 ng/ml



#2 alpha-BHC

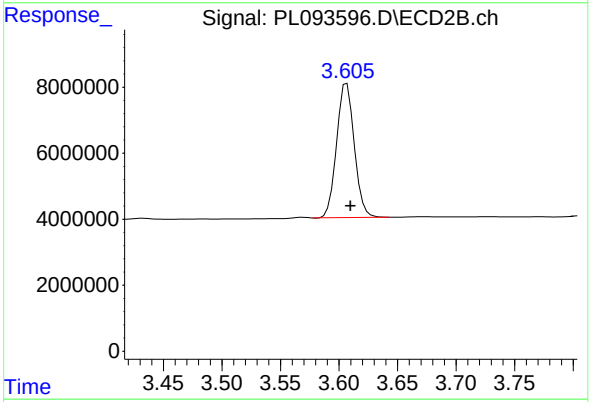
R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 45548143
Conc: 10.48 ng/ml



#3 gamma-BHC (Lindane)

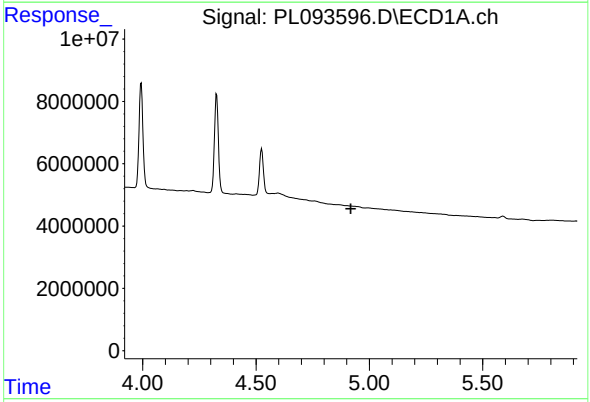
R.T.: 4.326 min
Delta R.T.: -0.003 min
Response: 38482412
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



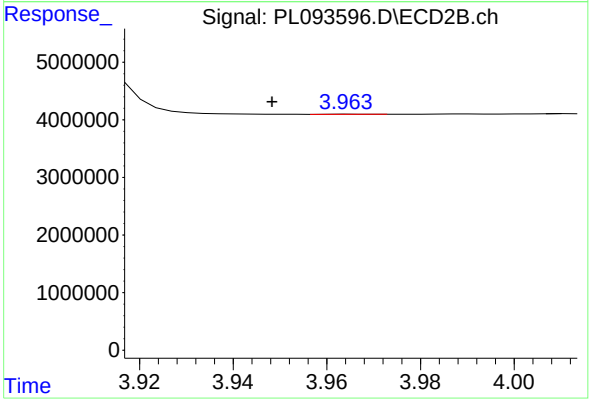
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 42686094
Conc: 10.12 ng/ml



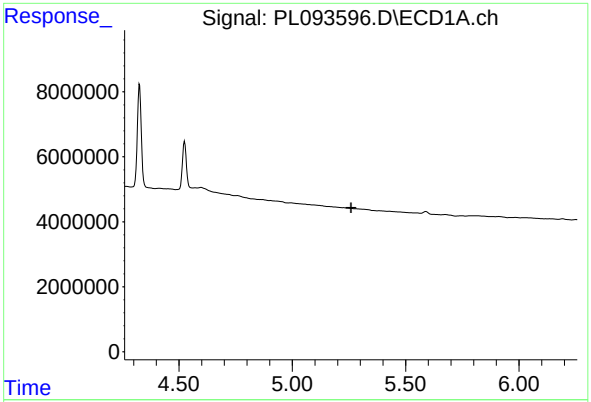
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#4 Heptachlor

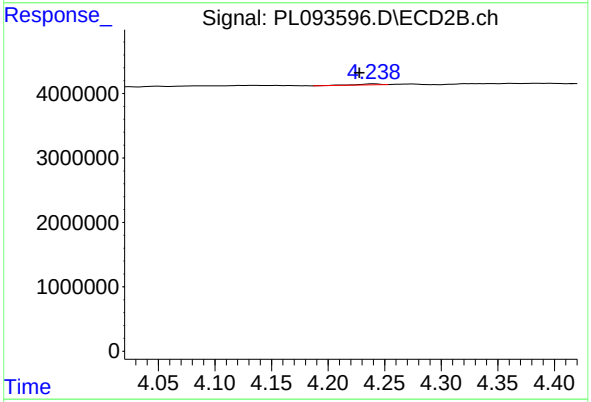
R.T.: 3.965 min
Delta R.T.: 0.017 min
Response: 26086
Conc: 0.01 ng/ml



#5 Aldrin

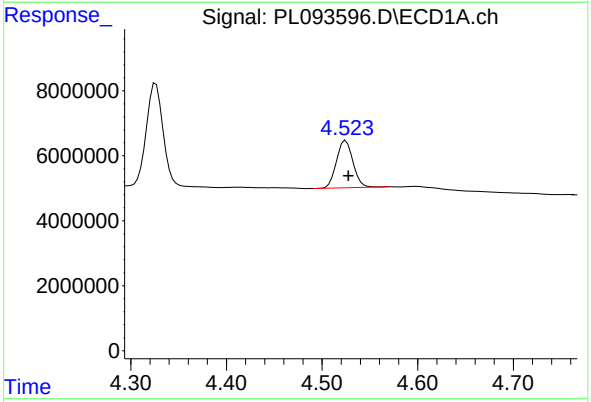
R.T.: 0.000 min
Exp R.T. : 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



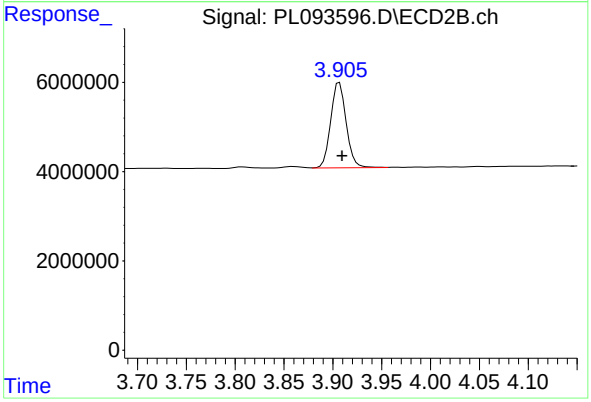
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: 0.012 min
Response: 188177
Conc: 0.05 ng/ml



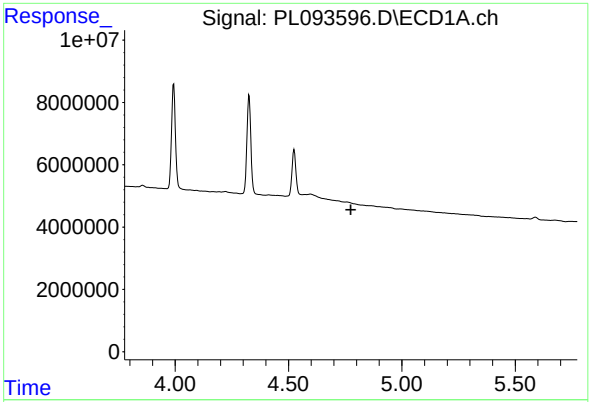
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 17568474
Conc: 12.19 ng/ml



#6 beta-BHC

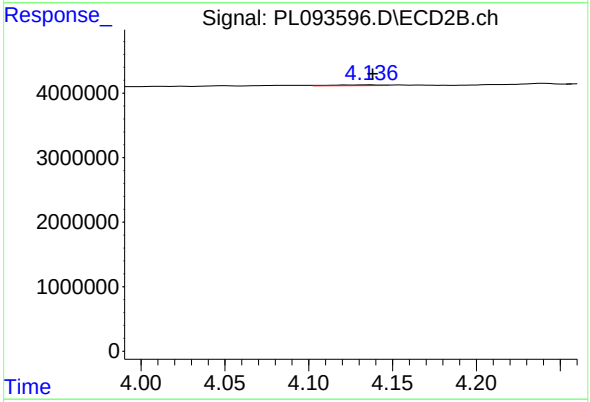
R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 21003052
Conc: 11.68 ng/ml



#7 delta-BHC

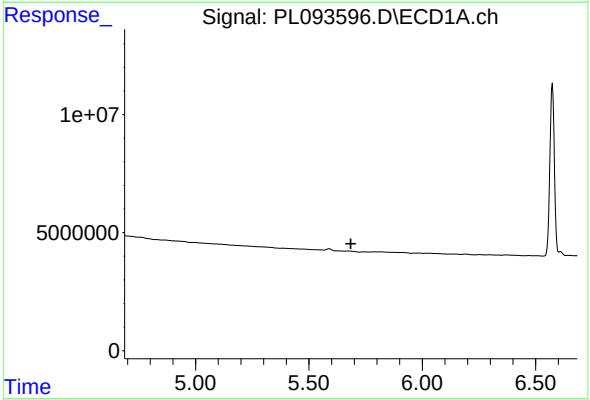
R.T.: 0.000 min
Exp R.T. : 4.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



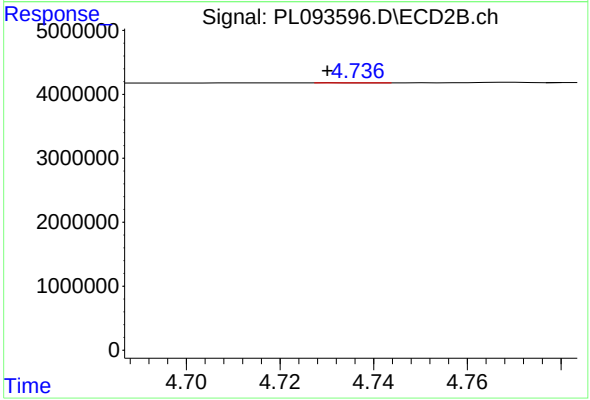
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.001 min
Response: 272523
Conc: 0.06 ng/ml



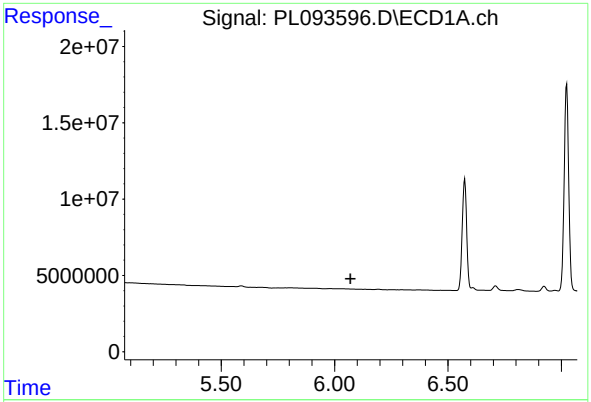
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.686 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

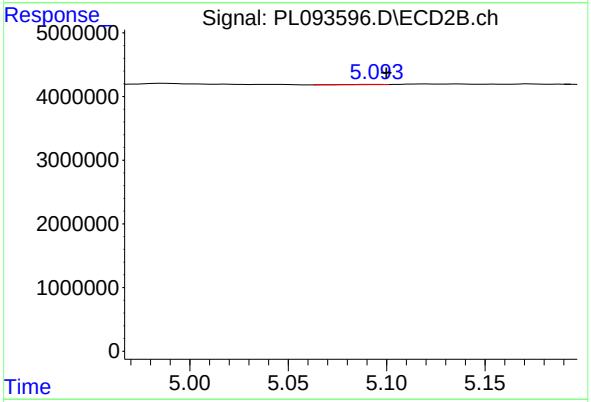
R.T.: 4.737 min
Delta R.T.: 0.007 min
Response: 14188
Conc: 0.00 ng/ml



#9 Endosulfan I

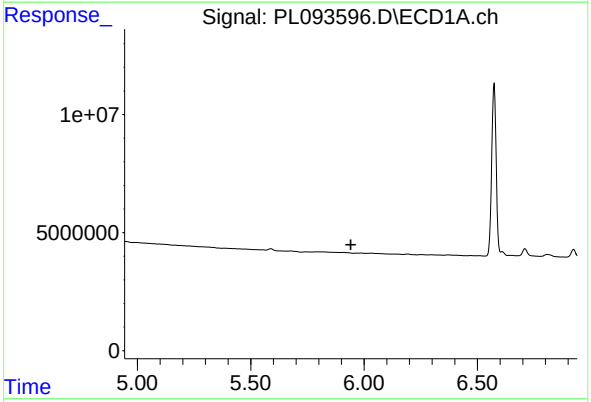
R.T.: 0.000 min
Exp R.T. : 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



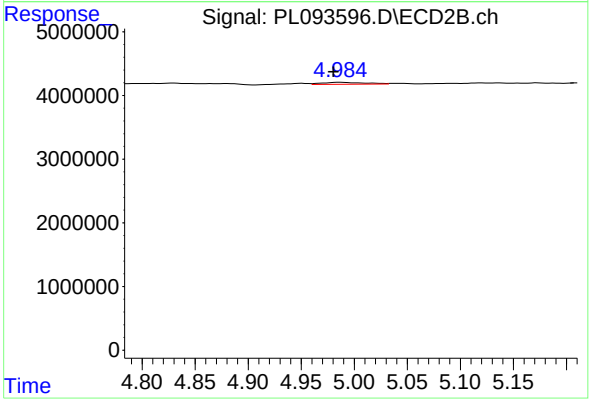
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.005 min
Response: 29575
Conc: 0.01 ng/ml



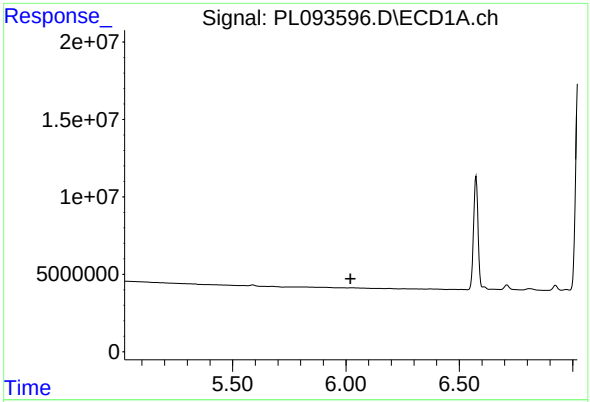
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

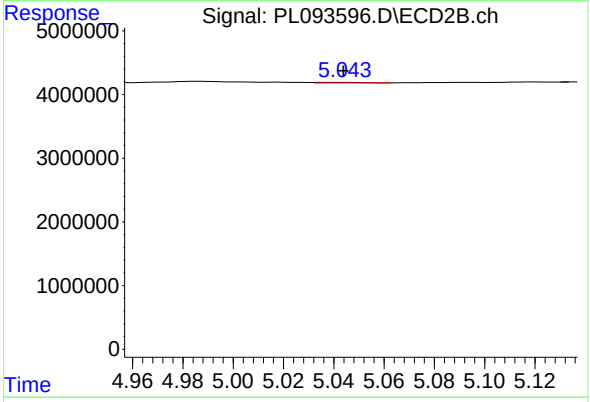
R.T.: 4.986 min
Delta R.T.: 0.006 min
Response: 892488
Conc: 0.23 ng/ml



#11 alpha-Chlordane

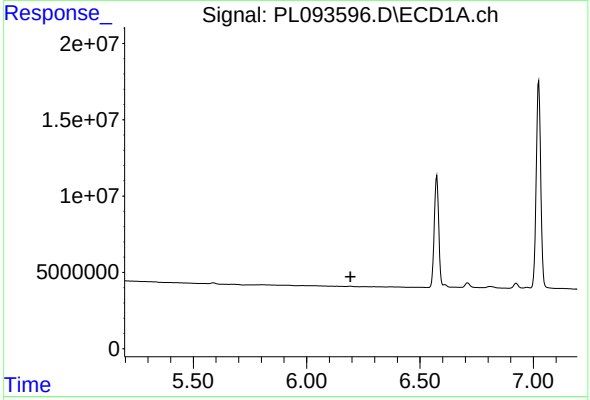
R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



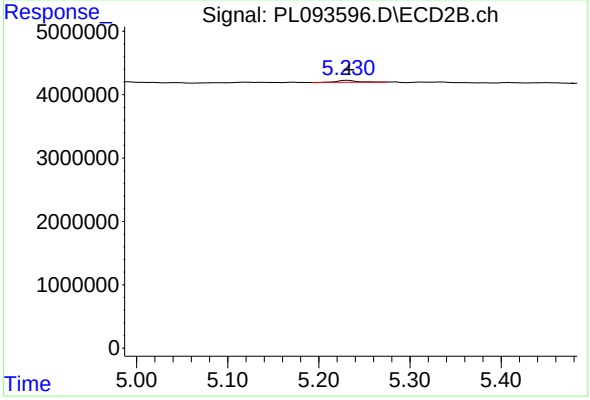
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 119575
Conc: 0.03 ng/ml



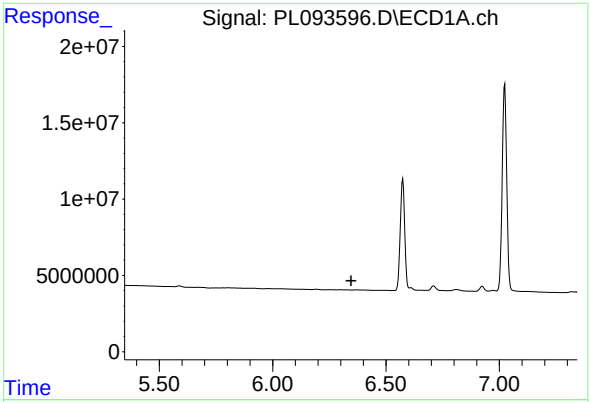
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

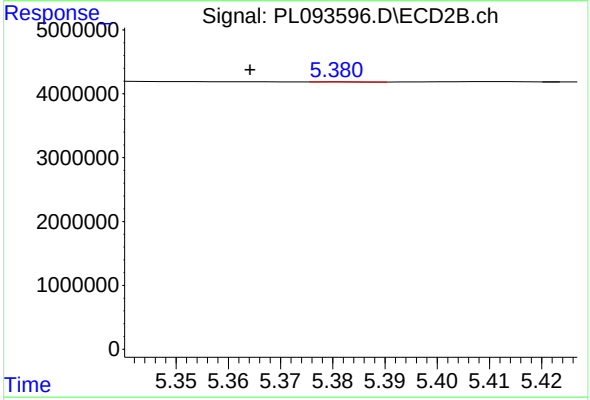
R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 474094
Conc: 0.13 ng/ml



#13 Dieldrin

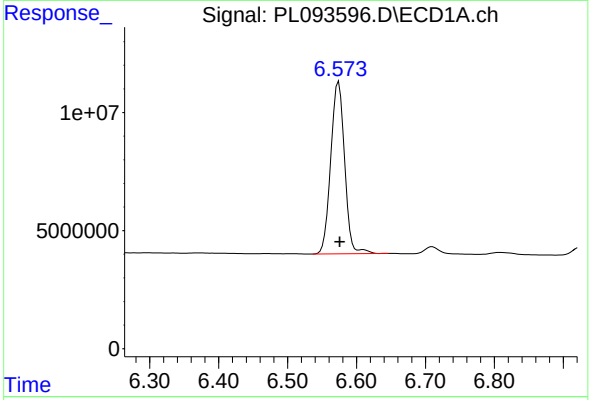
R.T.: 0.000 min
Exp R.T. : 6.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



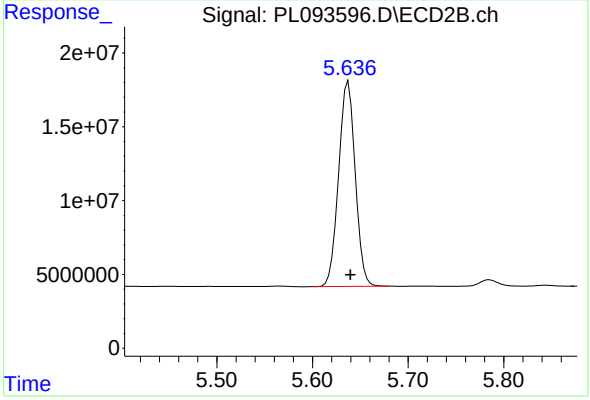
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: 0.017 min
Response: 10078
Conc: 0.00 ng/ml



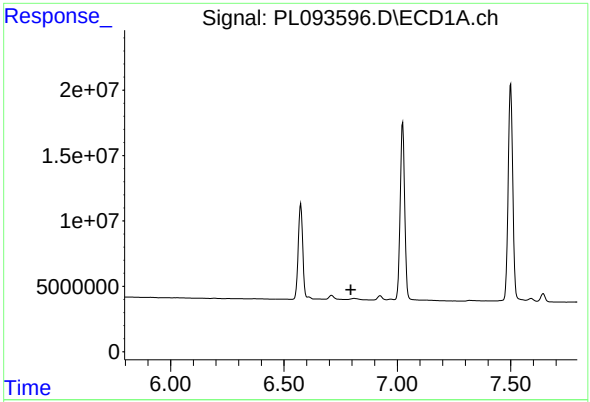
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 101790878
Conc: 47.29 ng/ml



#14 Endrin

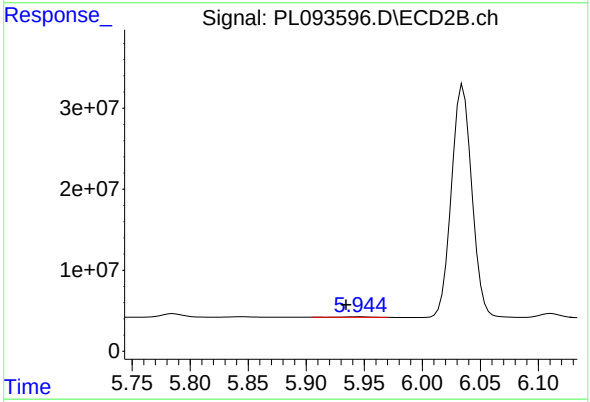
R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 168186624
Conc: 50.84 ng/ml



#15 Endosulfan II

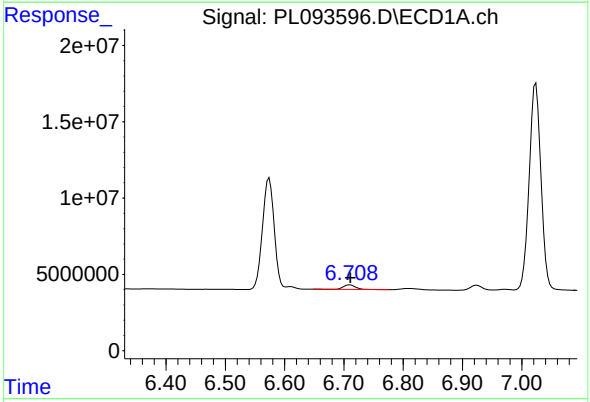
R.T.: 0.000 min
Exp R.T. : 6.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



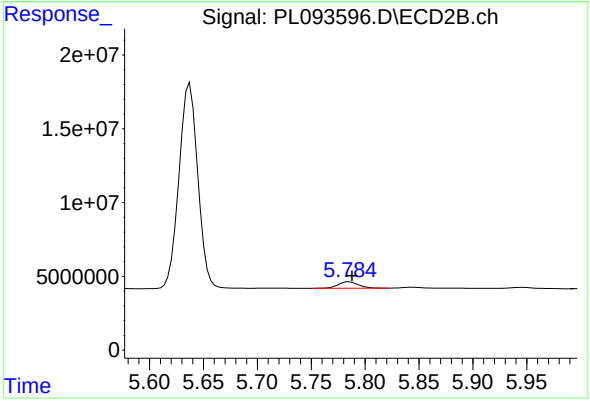
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: 0.012 min
Response: 946624
Conc: 0.29 ng/ml



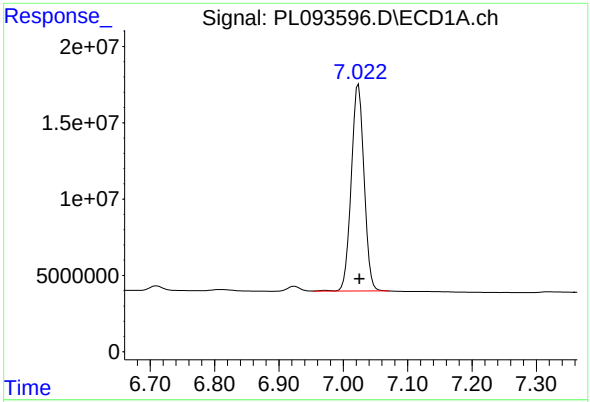
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 4337447
Conc: 2.47 ng/ml



#16 4,4'-DDD

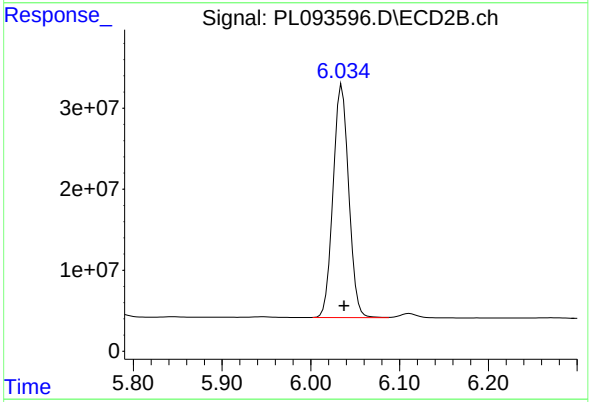
R.T.: 5.785 min
Delta R.T.: -0.003 min
Response: 5706928
Conc: 2.02 ng/ml



#17 4,4'-DDT

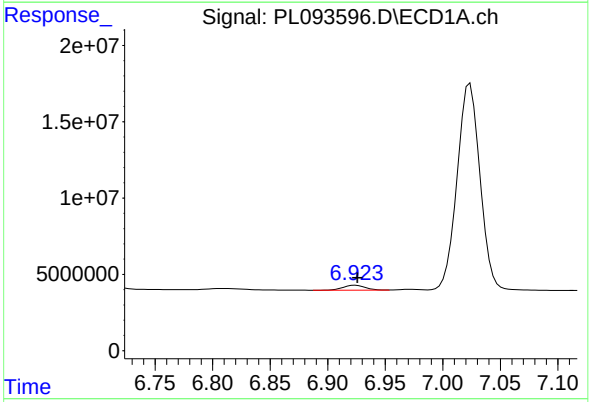
R.T.: 7.024 min
Delta R.T.: -0.001 min
Response: 187182085
Conc: 101.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



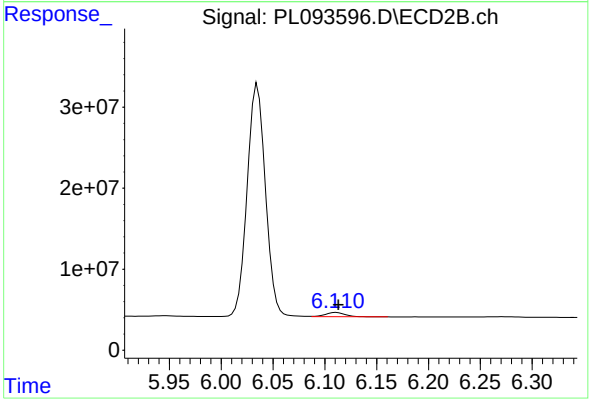
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 352546214
Conc: 116.73 ng/ml



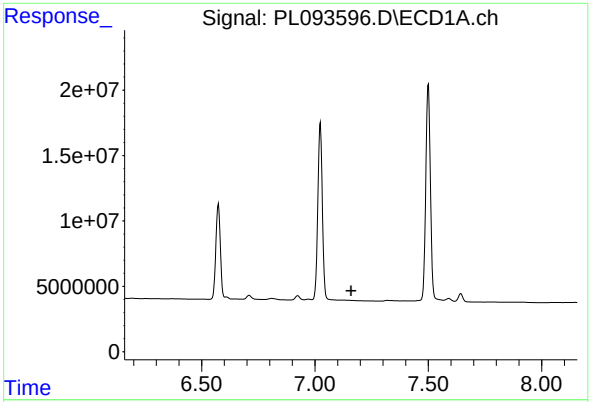
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 4293506
Conc: 2.42 ng/ml



#18 Endrin aldehyde

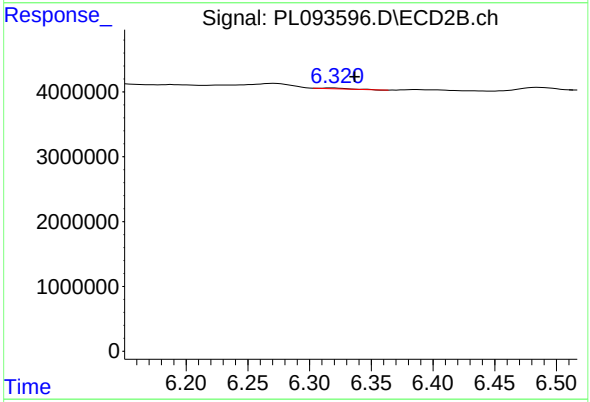
R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 6881936
Conc: 2.56 ng/ml



#19 Endosulfan Sulfate

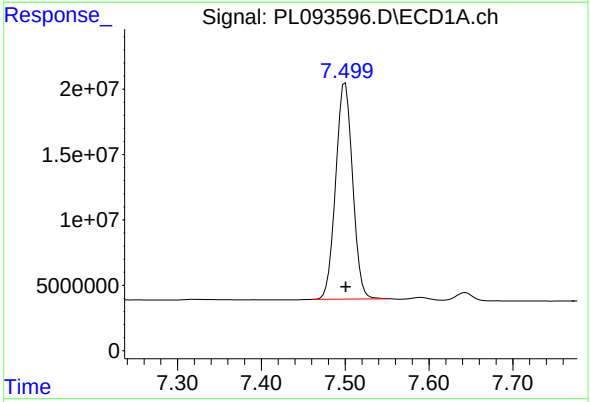
R.T.: 0.000 min
Exp R.T. : 7.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



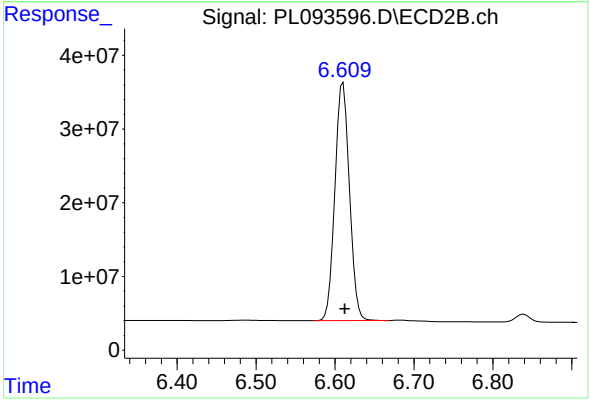
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.018 min
Response: 157435
Conc: 0.05 ng/ml



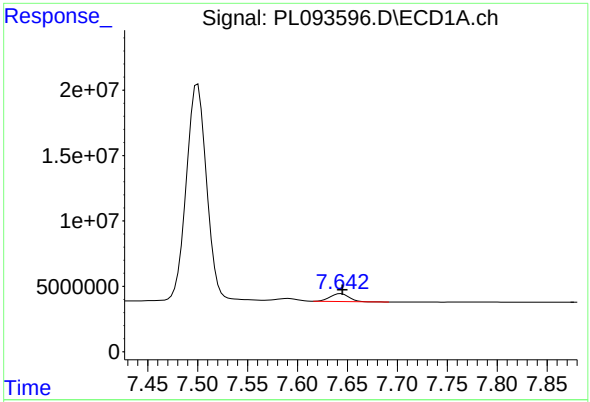
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 232255378
Conc: 232.33 ng/ml



#20 Methoxychlor

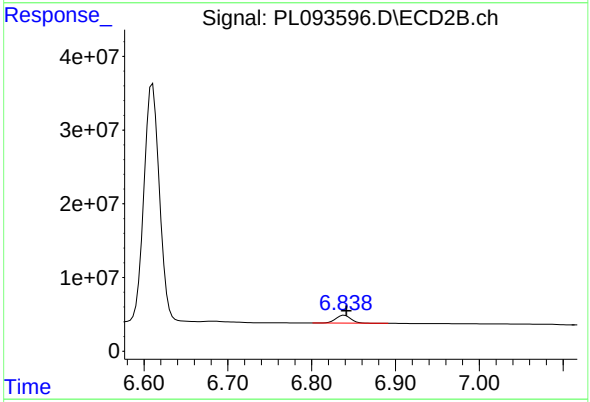
R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 412677170
Conc: 256.38 ng/ml



#21 Endrin ketone

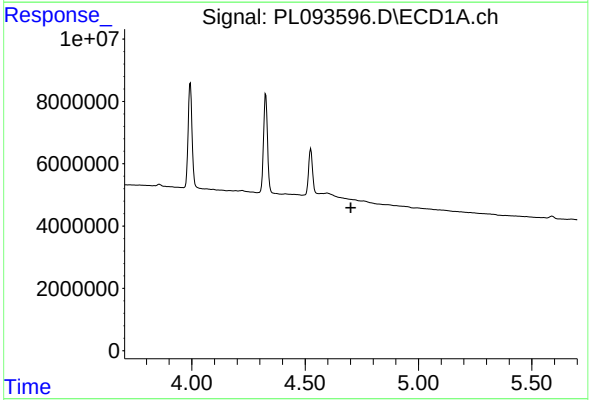
R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 7820758
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



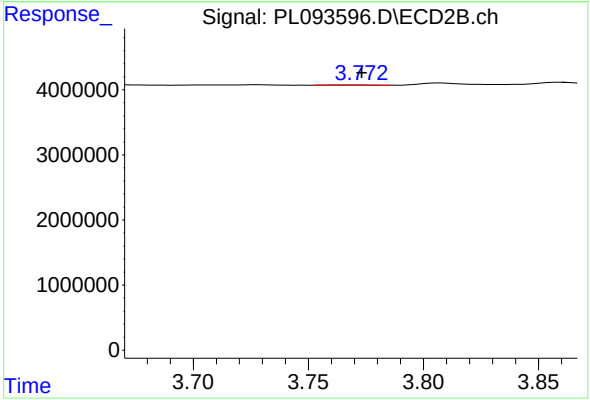
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 13174692
Conc: 3.62 ng/ml



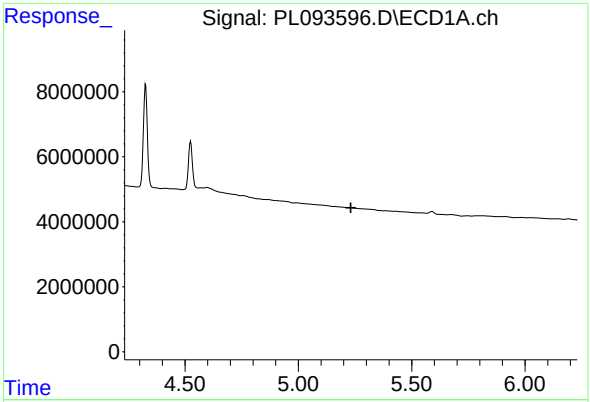
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.702 min
Response: 0
Conc: N.D.



#23 Chlordane-1

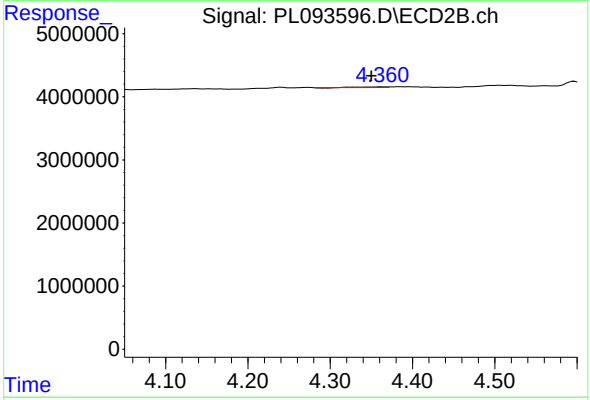
R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 53949
Conc: 0.45 ng/ml



#24 Chlordane-2

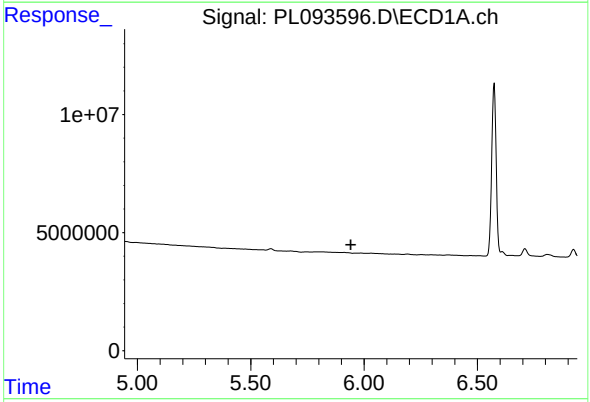
R.T.: 0.000 min
Exp R.T. : 5.231 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



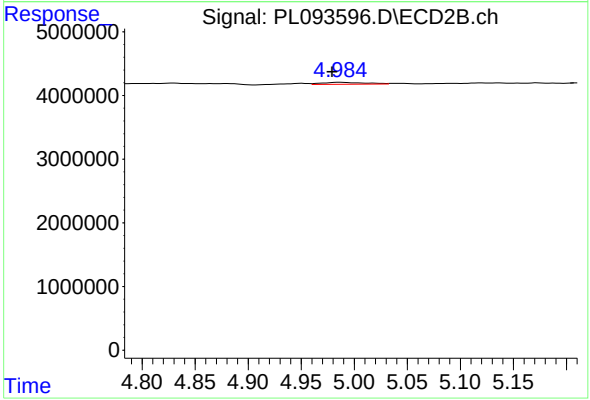
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.012 min
Response: 231456
Conc: 1.67 ng/ml



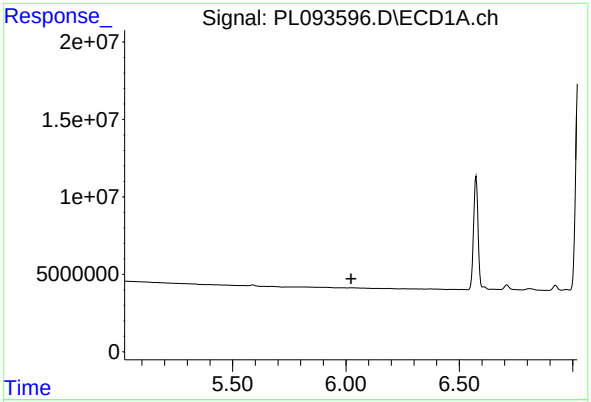
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

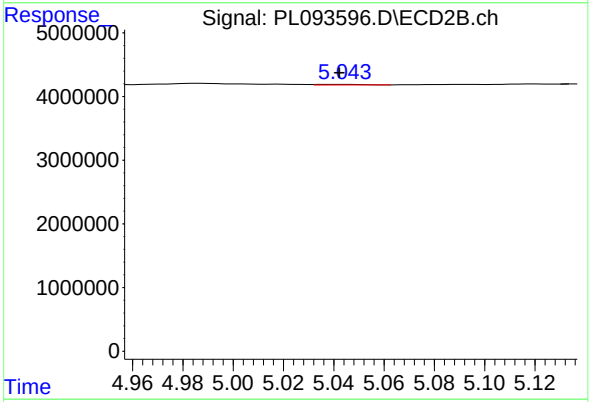
R.T.: 4.986 min
Delta R.T.: 0.007 min
Response: 892488
Conc: 2.10 ng/ml



#26 Chlordane-4

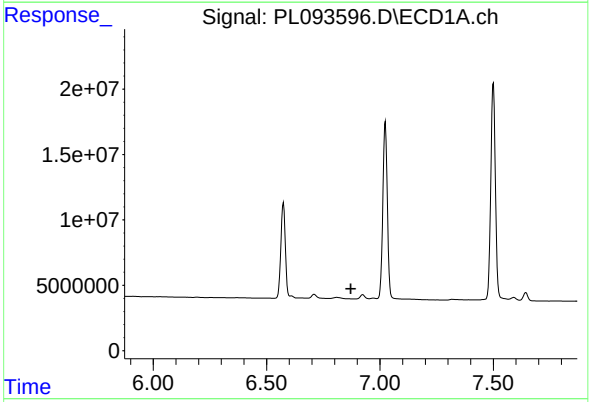
R.T.: 0.000 min
Exp R.T. : 6.023 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



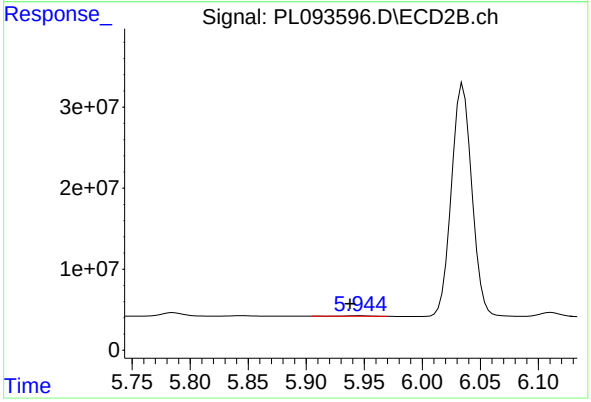
#26 Chlordane-4

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 119575
Conc: 0.29 ng/ml



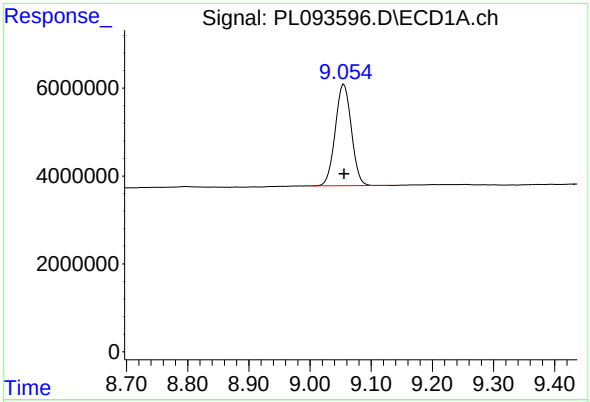
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.872 min
Response: 0
Conc: N.D.



#27 Chlordane-5

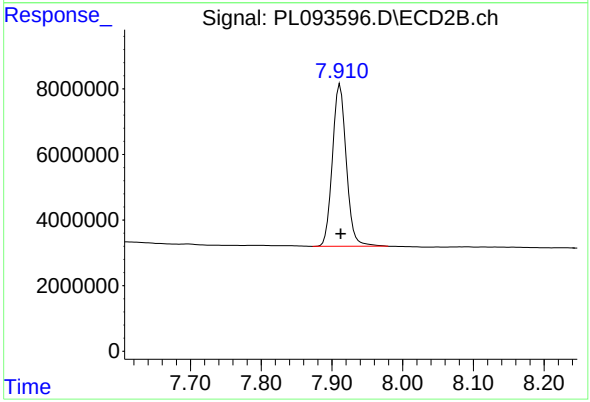
R.T.: 5.946 min
Delta R.T.: 0.008 min
Response: 946624
Conc: 7.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 42224034
Conc: 22.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 67386878
Conc: 22.57 ng/ml