Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112524\
Data File : PL093252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2024 15:43
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: Nov 25 17:15:46 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...	3.536	2.773	53850233	57788455	20.720	20.037	
28)	SA	Decachlor...	9.053	7.913	38793164	61534160	22.314	21.542	
		Target Compounds							
2)	A	alpha-BHC	3.992	3.276	38249235	40601074	10.719	9.510	
3)	MA	gamma-BHC...	4.324	3.606	35184380	37831585	10.414	9.139	
4)	MA	Heptachlor	0.000	3.960	0	11018	N.D.	0.003	#
5)	MB	Aldrin	0.000	4.239	0	143691	N.D.	0.036	#
6)	B	beta-BHC	4.522	3.906	16566547	18551888	10.973	10.429	
7)	B	delta-BHC	0.000	4.141	0	190490	N.D.	0.045	#
8)	B	Heptachlo...	0.000	4.728	0	2336	N.D.	0.001	#
9)	A	Endosulfan I	0.000	5.127f	0	61395	N.D.	0.018	#
10)	B	gamma-Chl...	0.000	4.981	0	622955	N.D.	0.168	#
11)	B	alpha-Chl...	0.000	5.025f	0	1392020	N.D.	0.383	#
12)	B	4,4'-DDE	0.000	5.232	0	883647	N.D.	0.247	#
13)	MA	Dieldrin	0.000	5.349	0	55632	N.D.	0.015	#
14)	MA	Endrin	6.572	5.637	98283892	148.8E6	46.858	46.667	
15)	B	Endosulfa...	0.000	5.946	0	585186	N.D.	0.185	#
16)	A	4,4'-DDD	6.707	5.786	3209257	5028344	1.752	1.794	
17)	MA	4,4'-DDT	7.022	6.036	182.3E6	311.0E6	94.541	105.014	
18)	B	Endrin al...	6.921	6.111	4622877	6984125	2.559	2.663	
19)	B	Endosulfa...	0.000	6.314f	0	129550	N.D.	0.043	#
20)	A	Methoxychlor	7.499	6.611	231.0E6	374.4E6	221.088	245.168	
21)	B	Endrin ke...	7.641	6.839	7883764	11837247	3.474	3.526	
22)		Mirex	0.000	7.031	0	28274	N.D.	0.011	#
23)		Chlordane-1	0.000	3.773	0	19691	N.D.	0.169	#
24)		Chlordane-2	0.000	4.370f	0	113525	N.D.	0.847	#
25)		Chlordane-3	0.000	4.981	0	622955	N.D.	1.550	#
26)		Chlordane-4	0.000	5.025	0	1392020	N.D.	3.569	#
27)		Chlordane-5	0.000	5.946	0	585186	N.D.	4.271	#

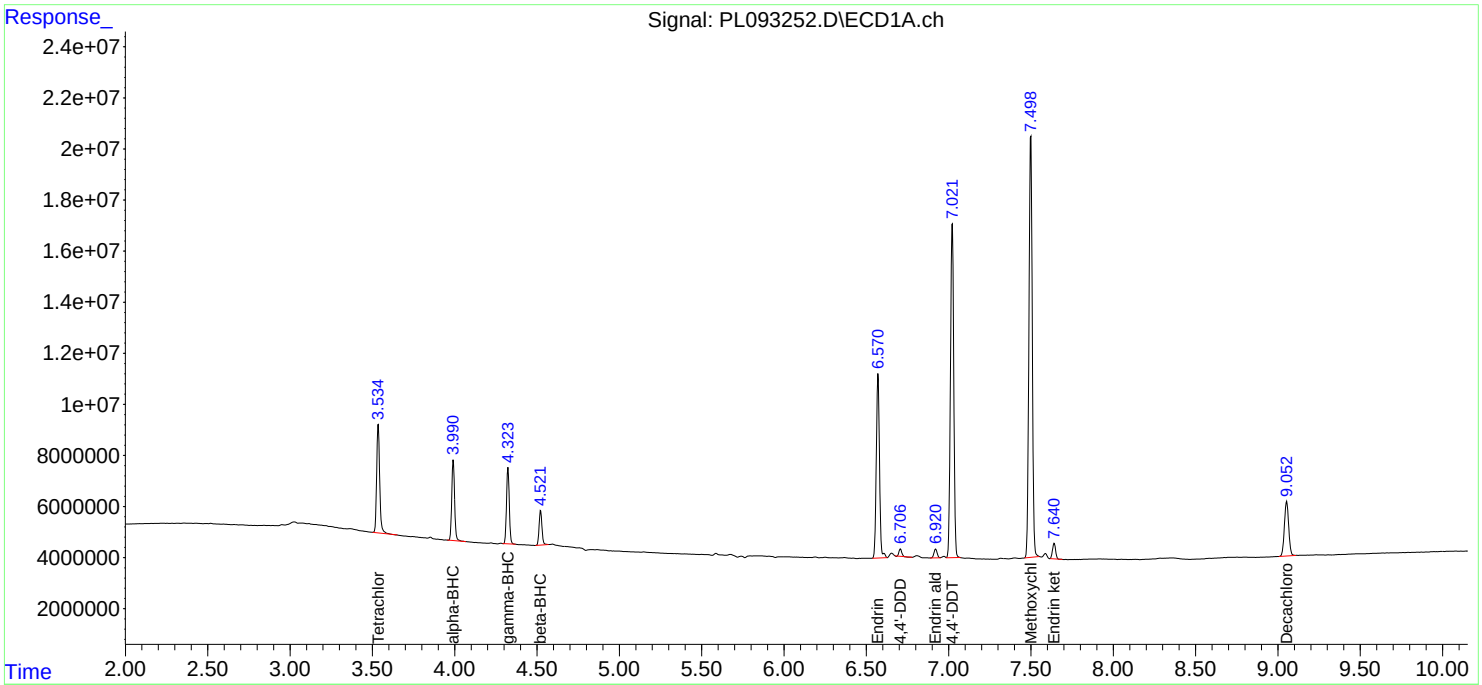
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

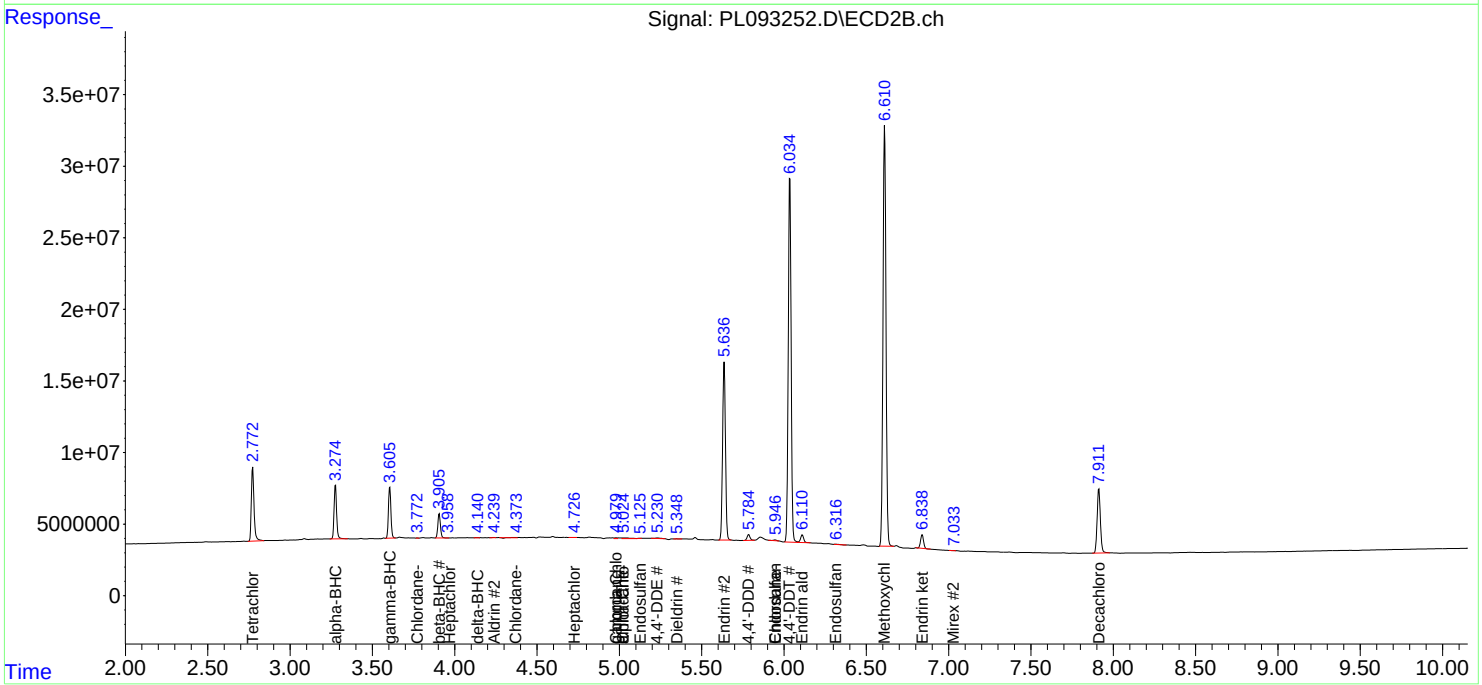
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112524\
Data File : PL093252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2024 15:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

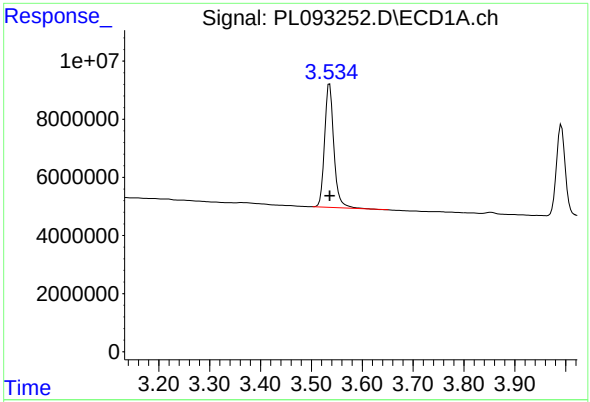
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 25 17:15:46 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



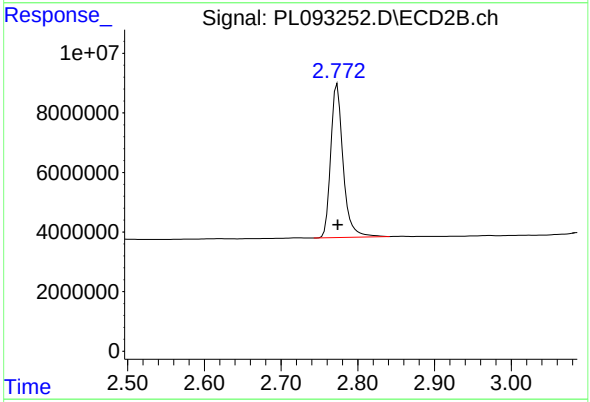




#1 Tetrachloro-m-xylene

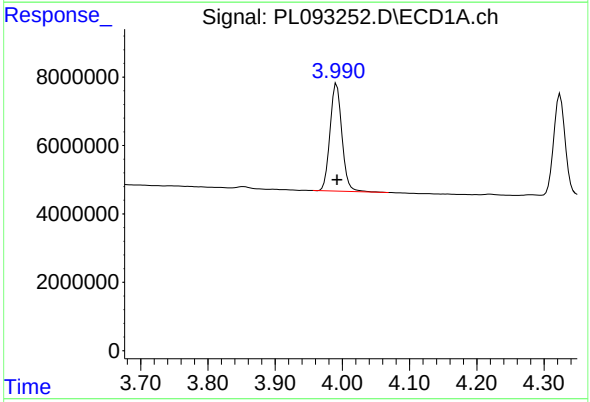
R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 53850233
Conc: 20.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



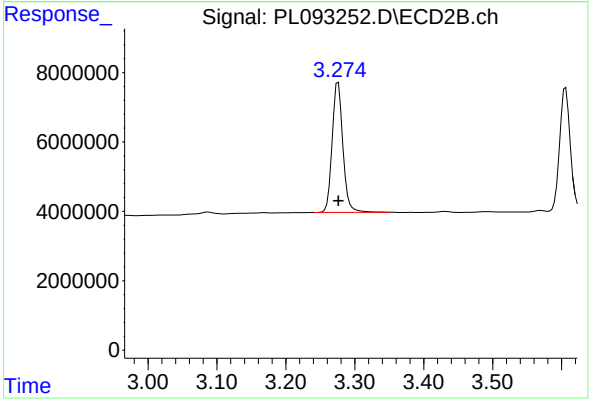
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 57788455
Conc: 20.04 ng/ml



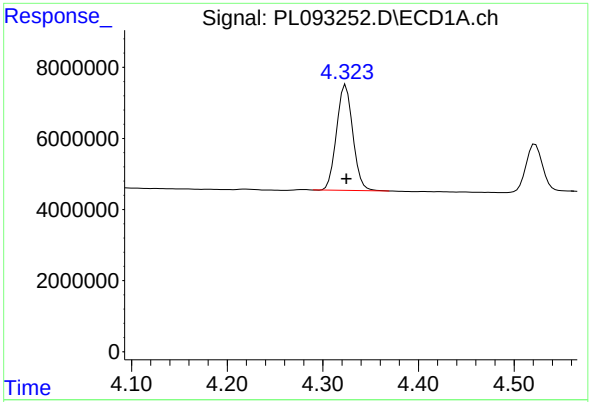
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 38249235
Conc: 10.72 ng/ml



#2 alpha-BHC

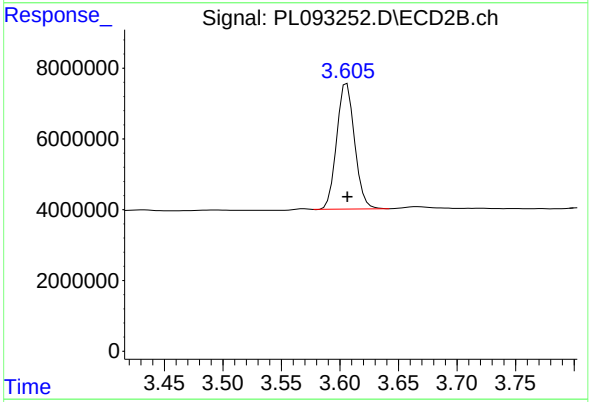
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 40601074
Conc: 9.51 ng/ml



#3 gamma-BHC (Lindane)

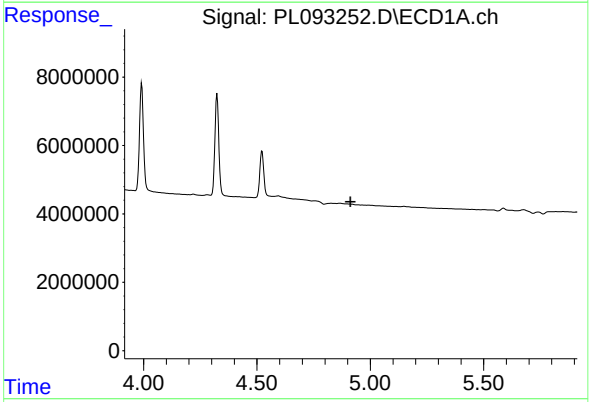
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 35184380
Conc: 10.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



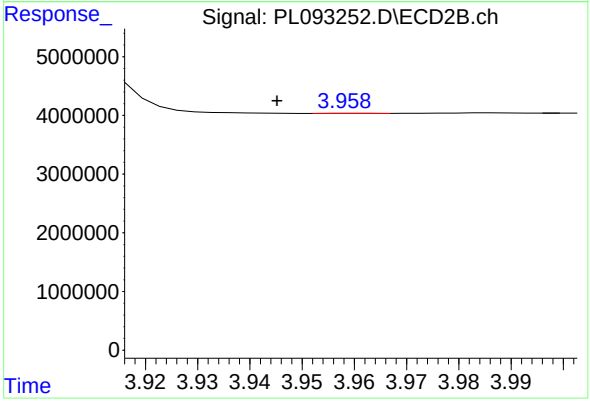
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 37831585
Conc: 9.14 ng/ml



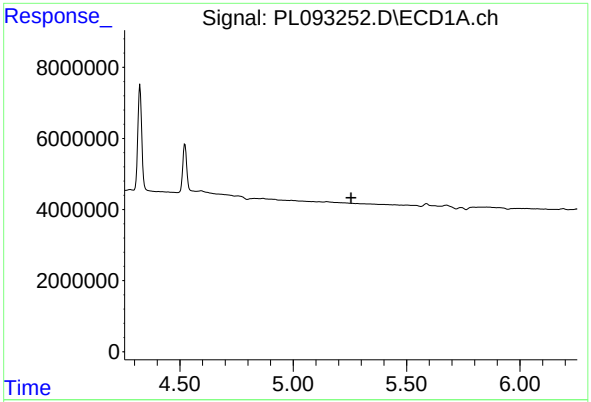
#4 Heptachlor

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



#4 Heptachlor

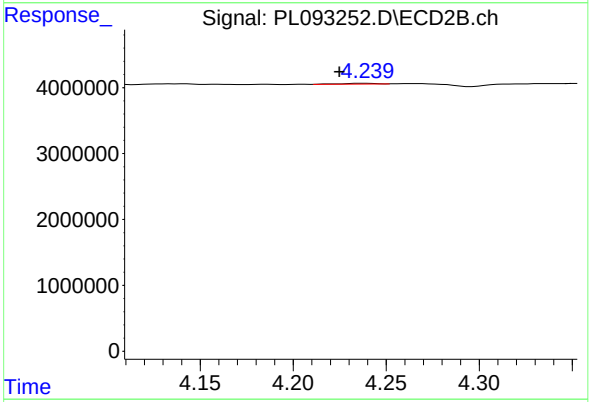
R.T.: 3.960 min
Delta R.T.: 0.015 min
Response: 11018
Conc: 0.00 ng/ml



#5 Aldrin

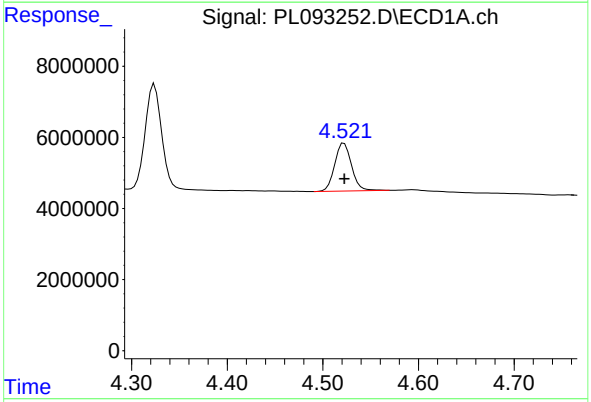
R.T.: 0.000 min
Exp R.T. : 5.255 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



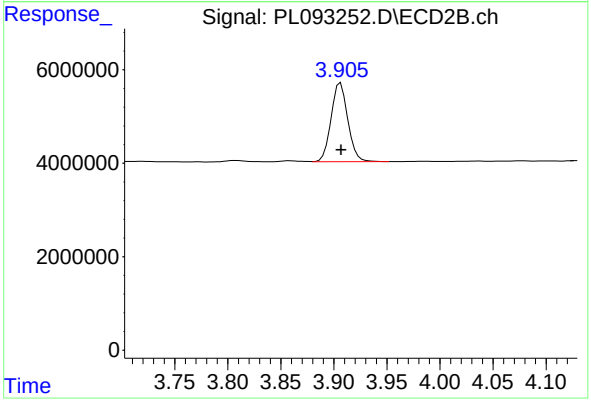
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: 0.014 min
Response: 143691
Conc: 0.04 ng/ml



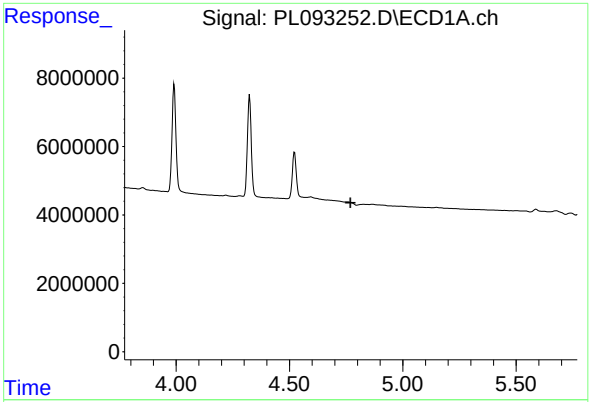
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 16566547
Conc: 10.97 ng/ml



#6 beta-BHC

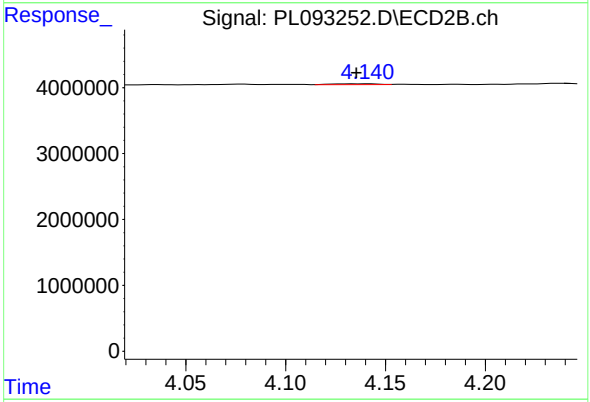
R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 18551888
Conc: 10.43 ng/ml



#7 delta-BHC

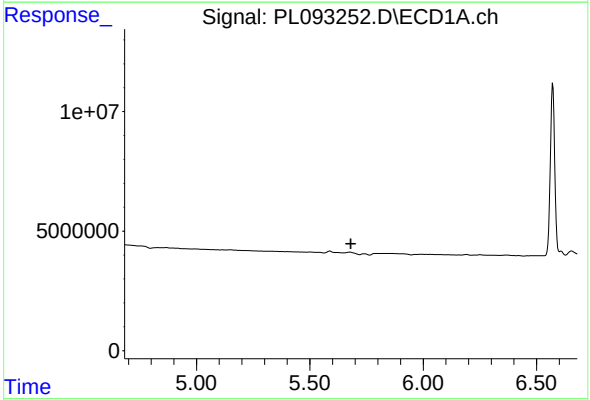
R.T.: 0.000 min
Exp R.T. : 4.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



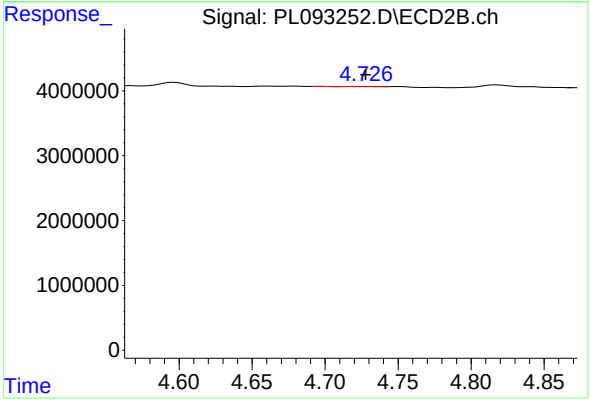
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: 0.005 min
Response: 190490
Conc: 0.04 ng/ml



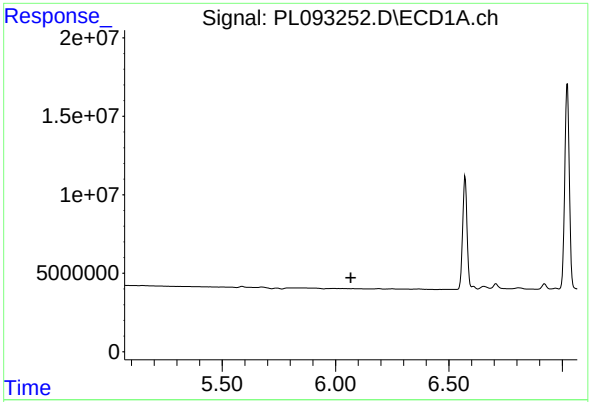
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

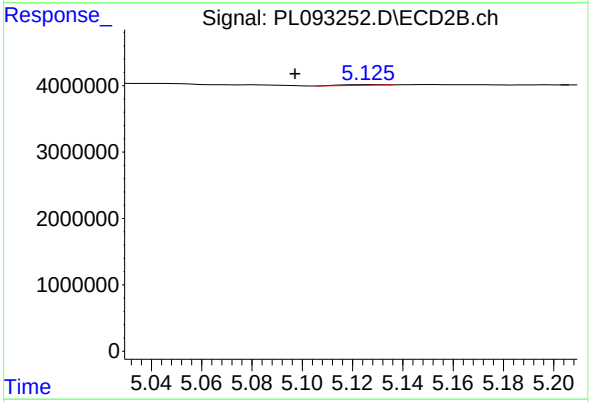
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 2336
Conc: 0.00 ng/ml



#9 Endosulfan I

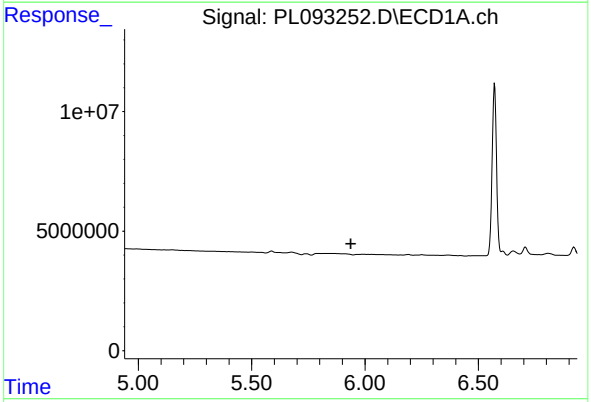
R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



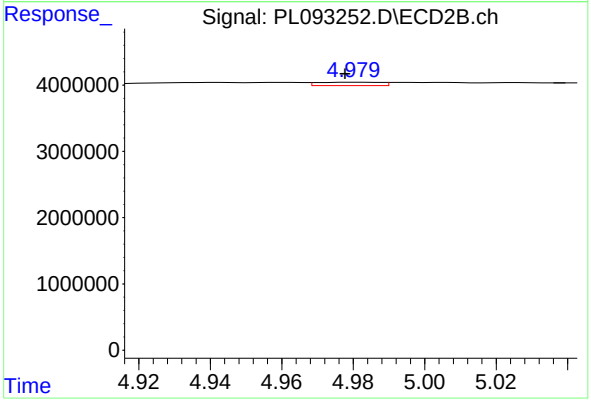
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.029 min
Response: 61395
Conc: 0.02 ng/ml



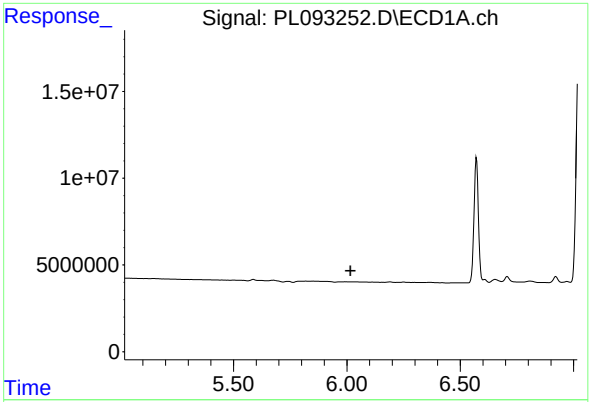
#10 gamma-Chlordane

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



#10 gamma-Chlordane

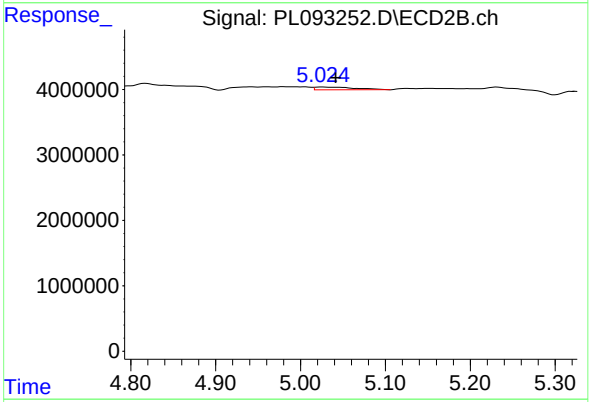
R.T.: 4.981 min
Delta R.T.: 0.003 min
Response: 622955
Conc: 0.17 ng/ml



#11 alpha-Chlordane

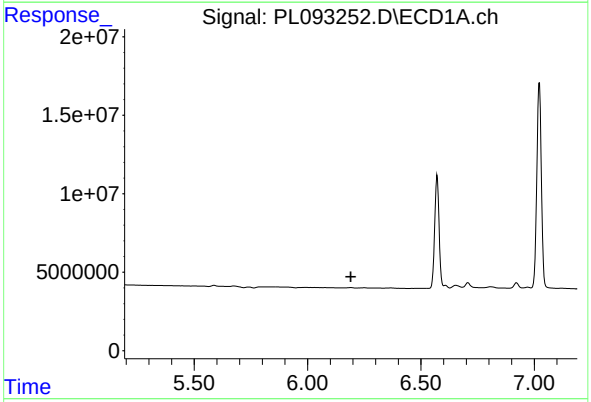
R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



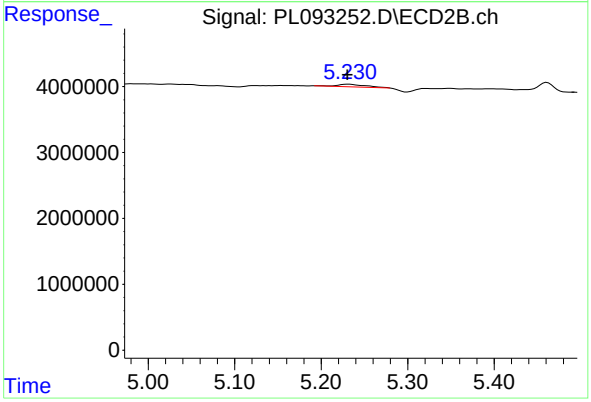
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.016 min
Response: 1392020
Conc: 0.38 ng/ml



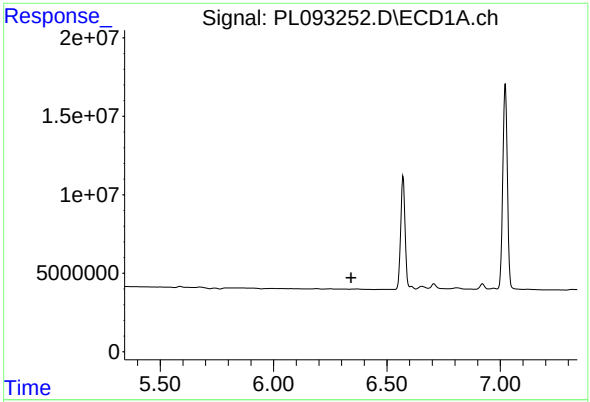
#12 4,4'-DDE

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



#12 4,4'-DDE

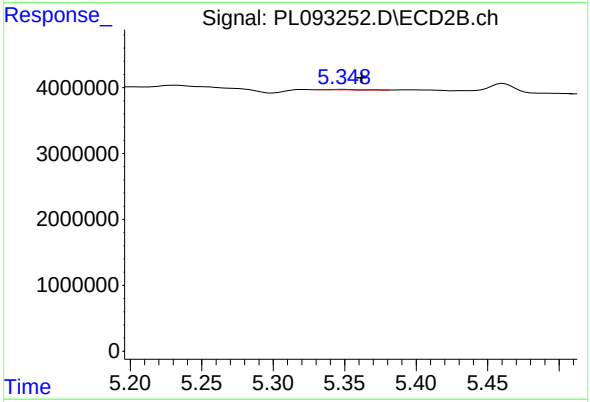
R.T.: 5.232 min
Delta R.T.: 0.001 min
Response: 883647
Conc: 0.25 ng/ml



#13 Dieldrin

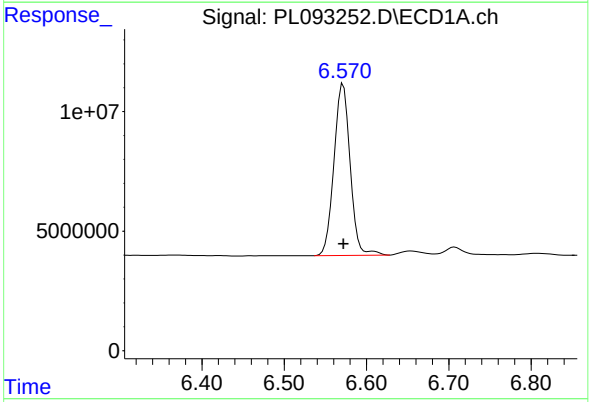
R.T.: 0.000 min
Exp R.T. : 6.342 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



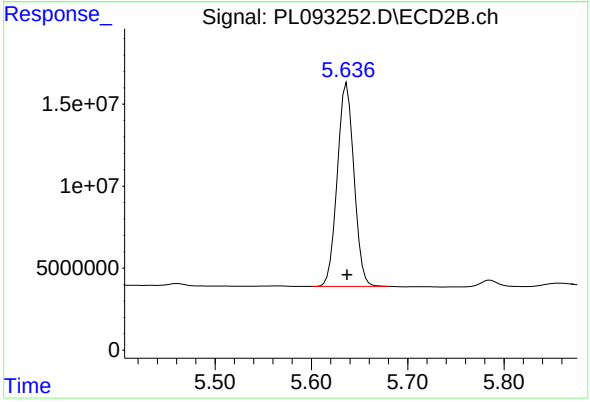
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.013 min
Response: 55632
Conc: 0.02 ng/ml



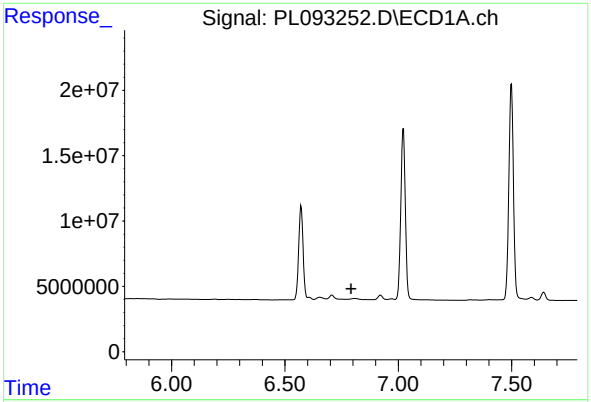
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 98283892
Conc: 46.86 ng/ml



#14 Endrin

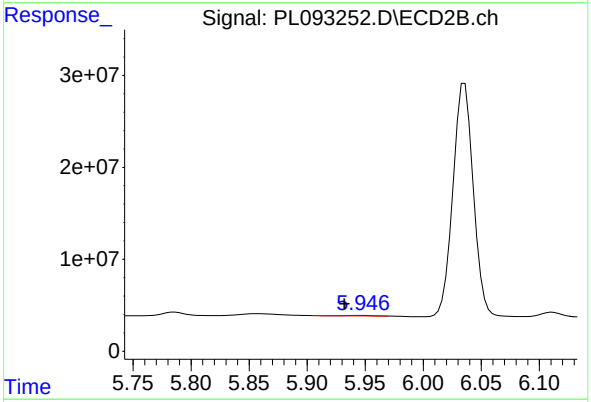
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 148834300
Conc: 46.67 ng/ml



#15 Endosulfan II

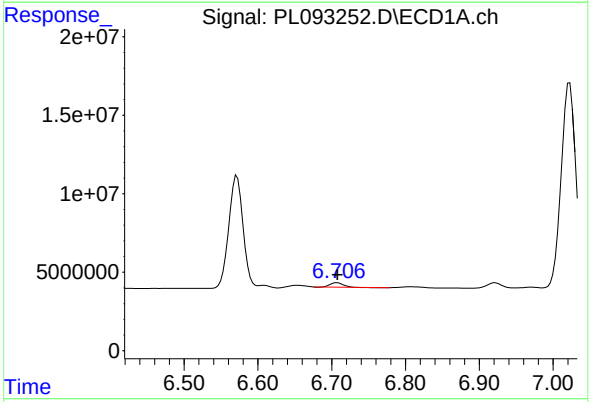
R.T.: 0.000 min
Exp R.T. : 6.792 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



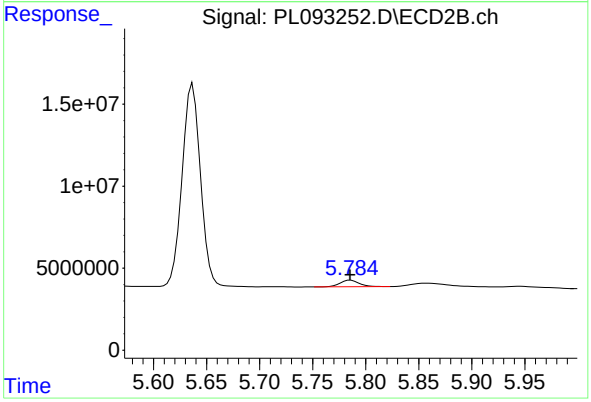
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: 0.014 min
Response: 585186
Conc: 0.18 ng/ml



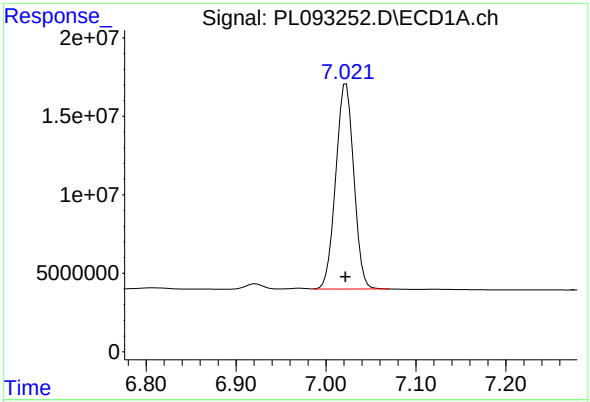
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 3209257
Conc: 1.75 ng/ml



#16 4,4'-DDD

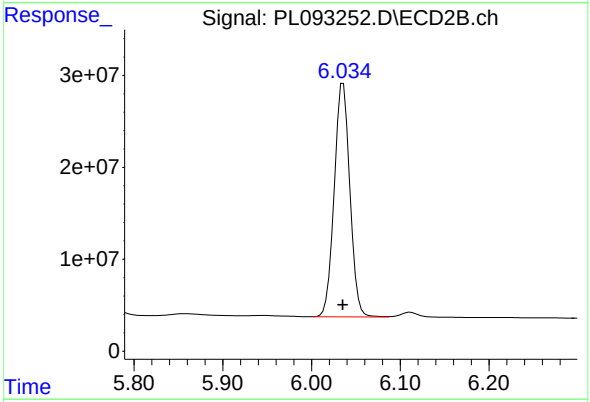
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 5028344
Conc: 1.79 ng/ml



#17 4,4'-DDT

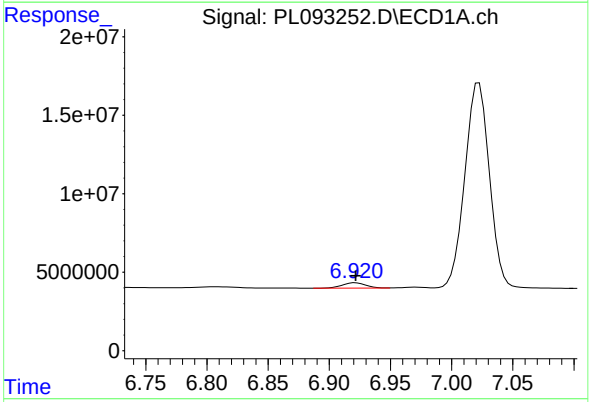
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 182258344
Conc: 94.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



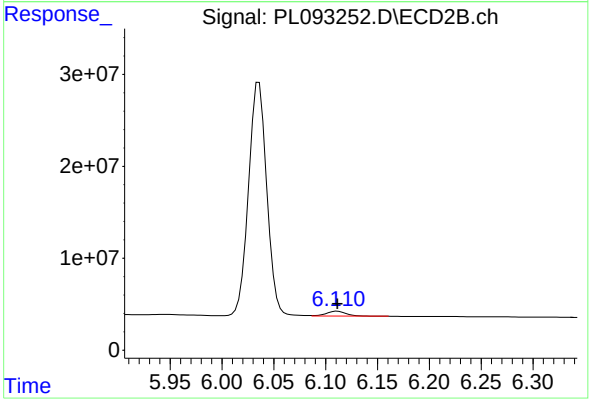
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 311028344
Conc: 105.01 ng/ml



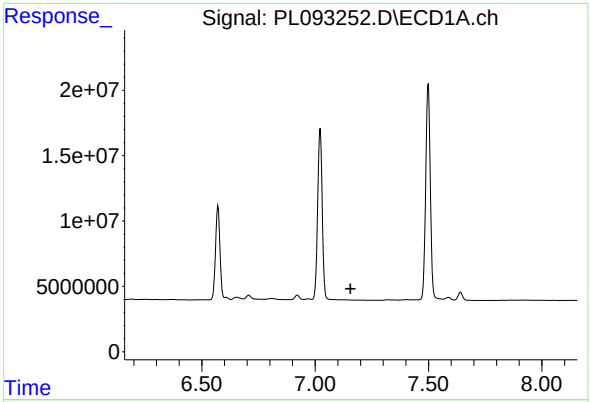
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 4622877
Conc: 2.56 ng/ml



#18 Endrin aldehyde

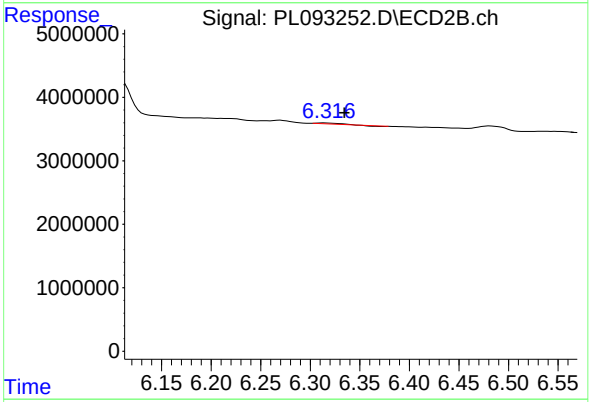
R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 6984125
Conc: 2.66 ng/ml



#19 Endosulfan Sulfate

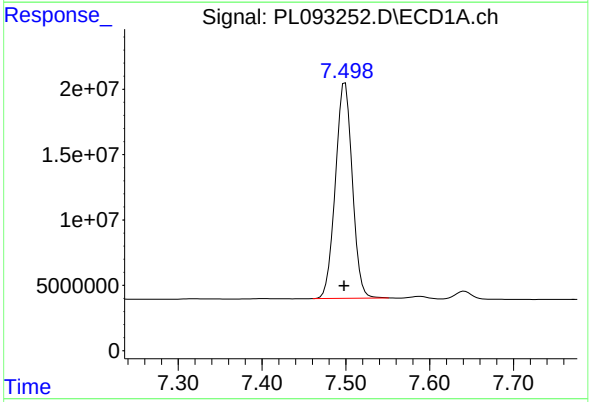
R.T.: 0.000 min
Exp R.T. : 7.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



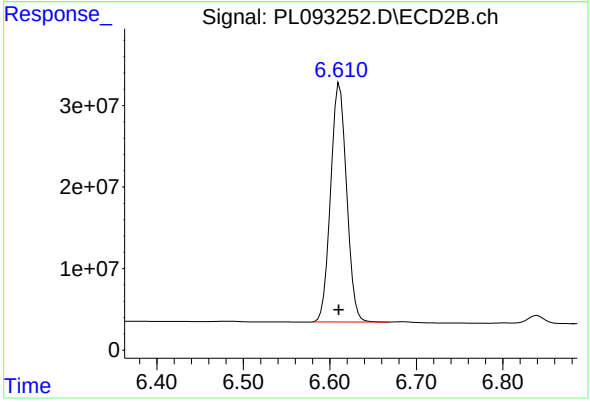
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: -0.020 min
Response: 129550
Conc: 0.04 ng/ml



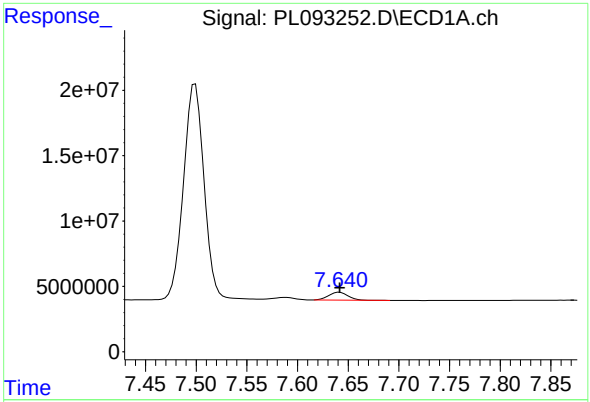
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 231010278
Conc: 221.09 ng/ml



#20 Methoxychlor

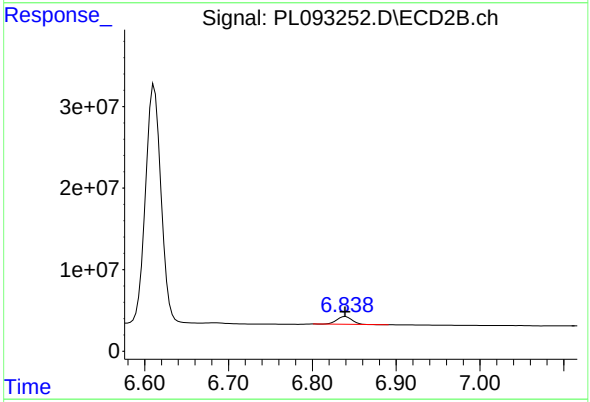
R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 374357543
Conc: 245.17 ng/ml



#21 Endrin ketone

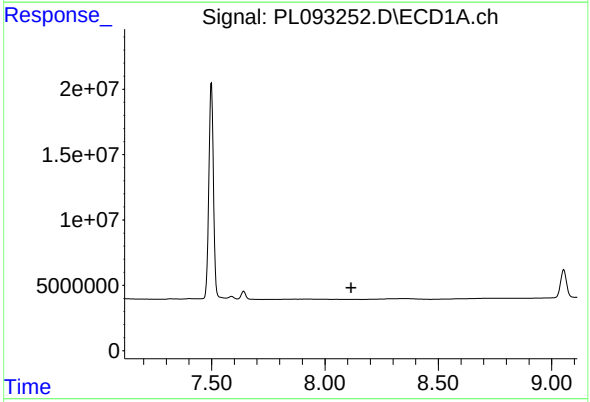
R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 7883764
Conc: 3.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



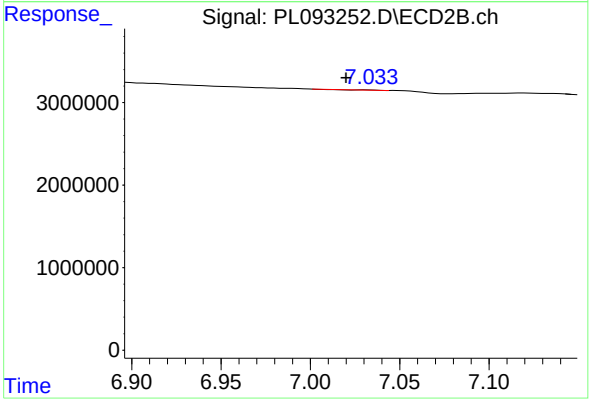
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 11837247
Conc: 3.53 ng/ml



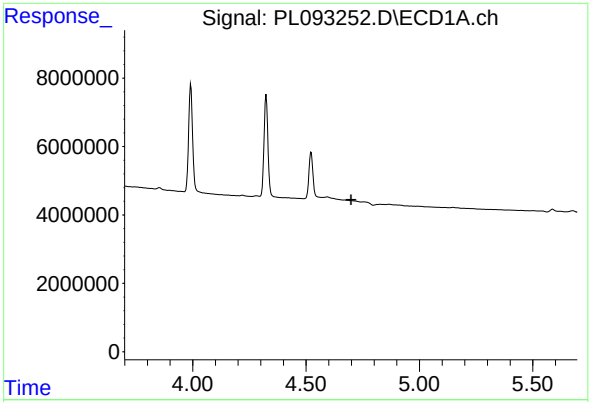
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

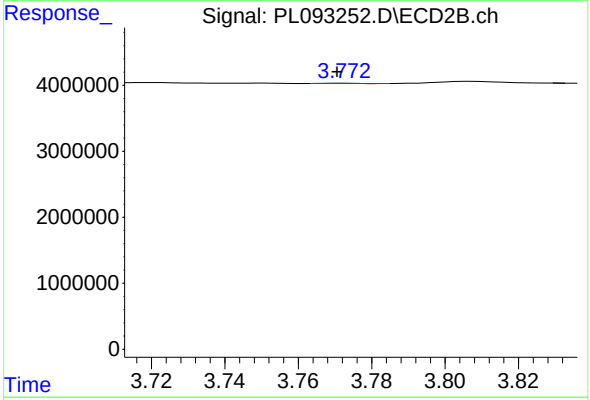
R.T.: 7.031 min
Delta R.T.: 0.011 min
Response: 28274
Conc: 0.01 ng/ml



#23 Chlordane-1

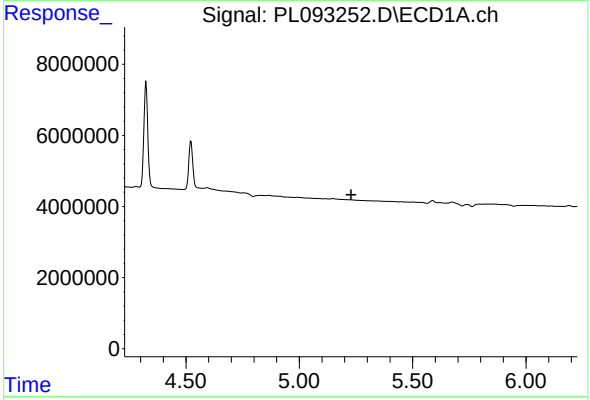
R.T.: 0.000 min
Exp R.T. : 4.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



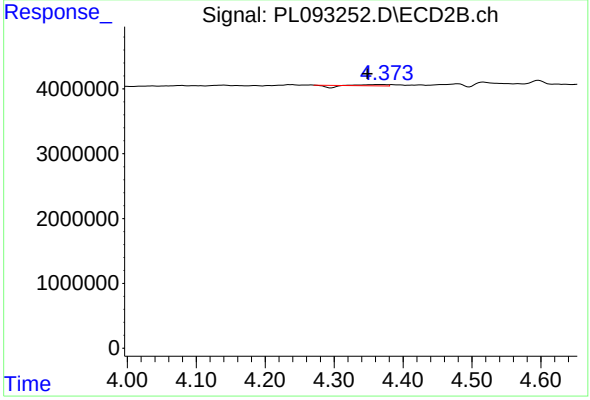
#23 Chlordane-1

R.T.: 3.773 min
Delta R.T.: 0.003 min
Response: 19691
Conc: 0.17 ng/ml



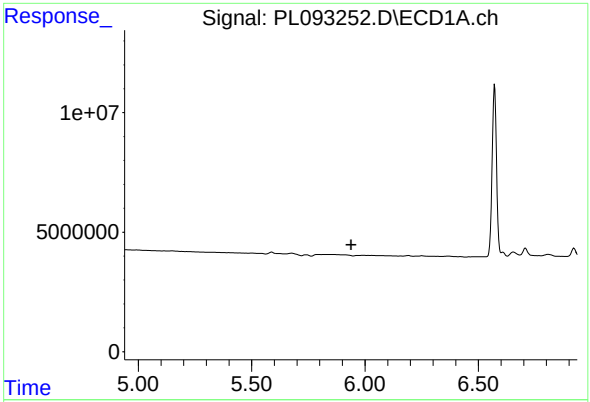
#24 Chlordane-2

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



#24 Chlordane-2

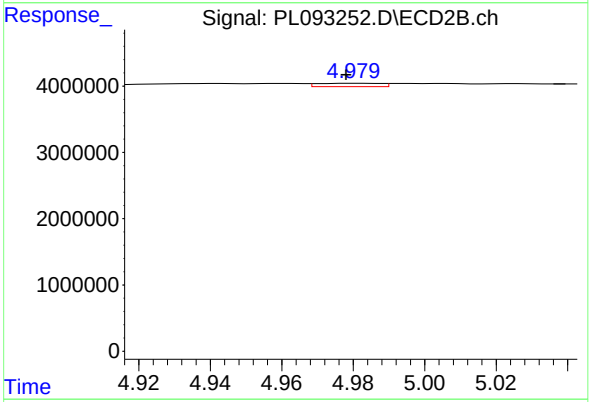
R.T.: 4.370 min
Delta R.T.: 0.022 min
Response: 113525
Conc: 0.85 ng/ml



#25 Chlordane-3

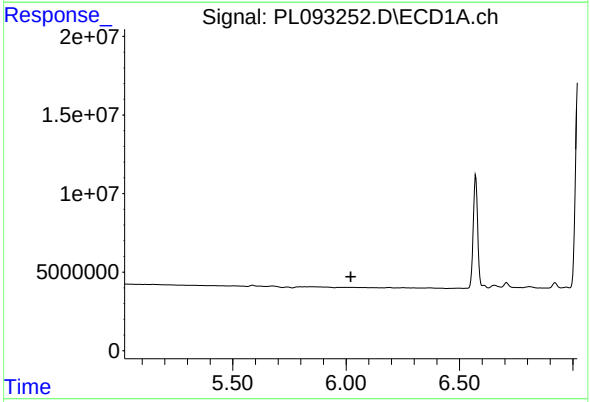
R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



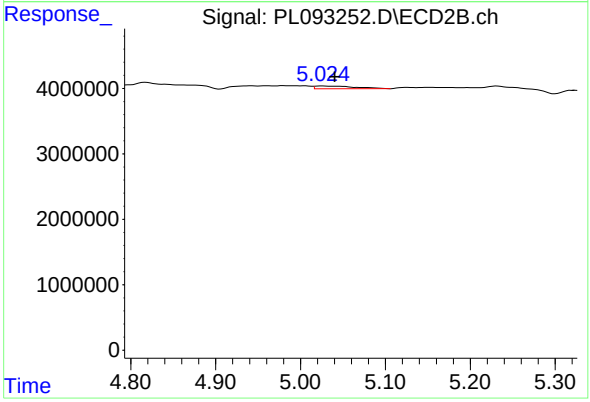
#25 Chlordane-3

R.T.: 4.981 min
Delta R.T.: 0.003 min
Response: 622955
Conc: 1.55 ng/ml



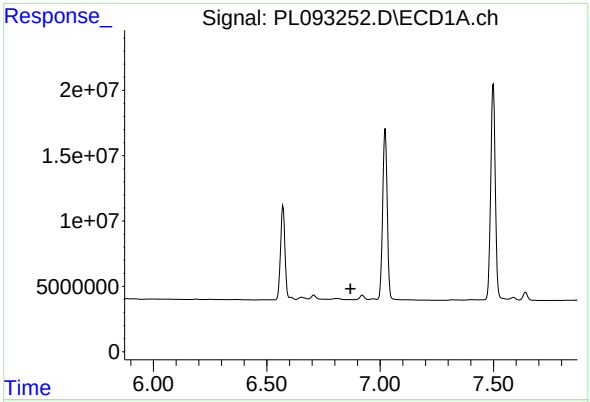
#26 Chlordane-4

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



#26 Chlordane-4

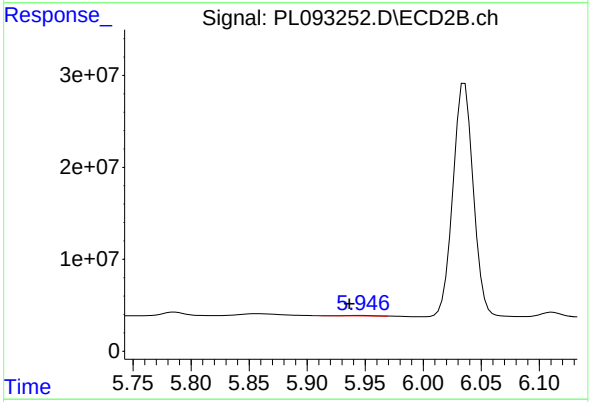
R.T.: 5.025 min
Delta R.T.: -0.015 min
Response: 1392020
Conc: 3.57 ng/ml



#27 Chlordane-5

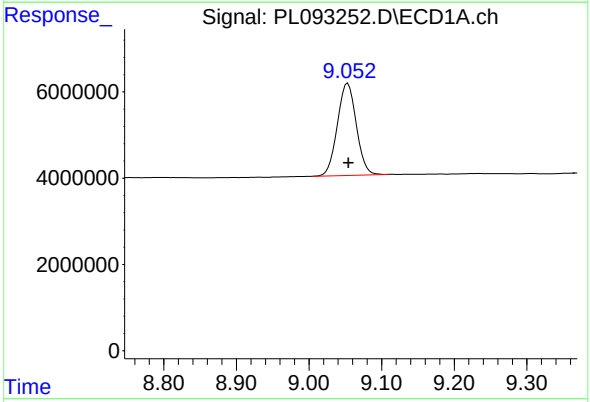
R.T.: 0.000 min
Exp R.T. : 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



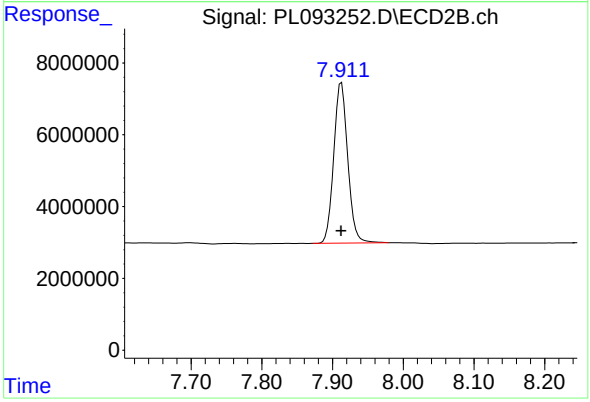
#27 Chlordane-5

R.T.: 5.946 min
Delta R.T.: 0.009 min
Response: 585186
Conc: 4.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 38793164
Conc: 22.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 61534160
Conc: 21.54 ng/ml