Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 10:15
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: Feb 26 00:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
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...	3.543	2.771	57821212	71191394	22.772	22.309	
28)	SA	Decachlor...	9.060	7.908	45947843	77887681	21.599	20.253	
	Target Compounds								
2)	A	alpha-BHC	3.999	3.273	42658880	50277860	11.277	10.230	
3)	MA	gamma-BHC...	4.332	3.603	40675550	47157189	11.009	10.012	
4)	MA	Heptachlor	0.000	3.969f	0	15392	N.D.	0.003	#
5)	MB	Aldrin	0.000	4.235f	0	1486648	N.D.	0.322	#
6)	B	beta-BHC	4.531	3.904	18241781	23639972	11.423	11.886	
7)	B	delta-BHC	0.000	4.130	0	219496	N.D.	0.046	#
8)	B	Heptachlo...	0.000	4.699f	0	44053	N.D.	0.010	#
9)	A	Endosulfan I	0.000	5.094	0	16024	N.D.	0.004	#
10)	B	gamma-Chl...	0.000	4.982	0	1393188	N.D.	0.321	#
11)	B	alpha-Chl...	0.000	5.025	0	479537	N.D.	0.111	#
12)	B	4,4'-DDE	0.000	5.227	0	1061355	N.D.	0.253	#
13)	MA	Dieldrin	0.000	5.361	0	8311	N.D.	0.002	#
14)	MA	Endrin	6.578	5.633	110.3E6	185.7E6	43.225	54.536	#
15)	B	Endosulfa...	0.000	5.942f	0	1780727	N.D.	0.476	#
16)	A	4,4'-DDD	6.714	5.782	11325634	17002155	6.123	5.338	
17)	MA	4,4'-DDT	7.029	6.032	193.6E6	377.0E6	92.185	105.989	
18)	B	Endrin al...	6.929	6.108	4921863	9627018	2.528	3.046	
19)	B	Endosulfa...	0.000	6.313f	0	403789	N.D.	0.109	#
20)	A	Methoxychlor	7.505	6.608	242.3E6	451.4E6	218.067	231.370	
21)	B	Endrin ke...	7.648	6.836	12454981	19341692	4.968	4.532	
22)		Mirex	0.000	7.025	0	235914	N.D.	0.068	#
23)		Chlordane-1	0.000	3.762	0	46851	N.D.	0.345	#
24)		Chlordane-2	0.000	4.359	0	68689	N.D.	0.436	#
25)		Chlordane-3	0.000	4.982	0	1393188	N.D.	2.933	#
26)		Chlordane-4	0.000	5.025	0	479537	N.D.	1.020	#
27)		Chlordane-5	0.000	5.942	0	1780727	N.D.	10.876	#

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

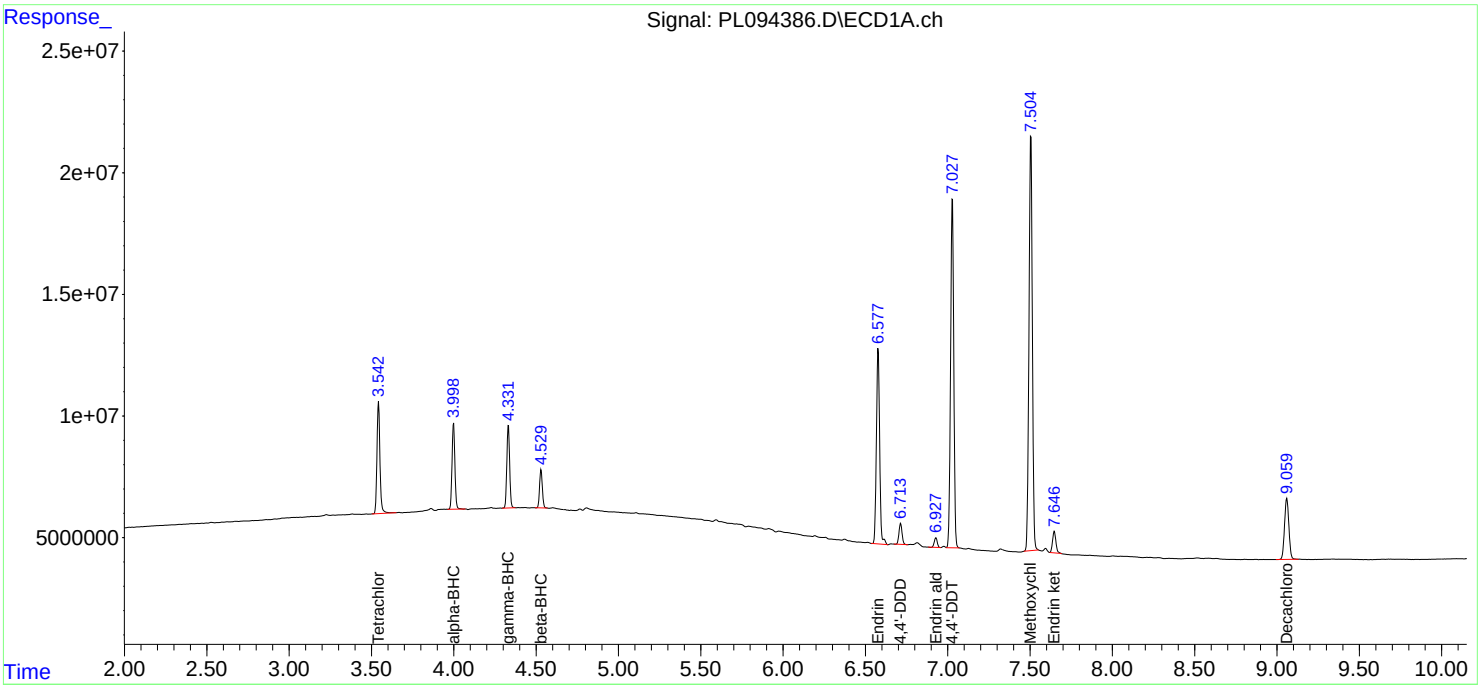
Quantitation Report (Not Reviewed)

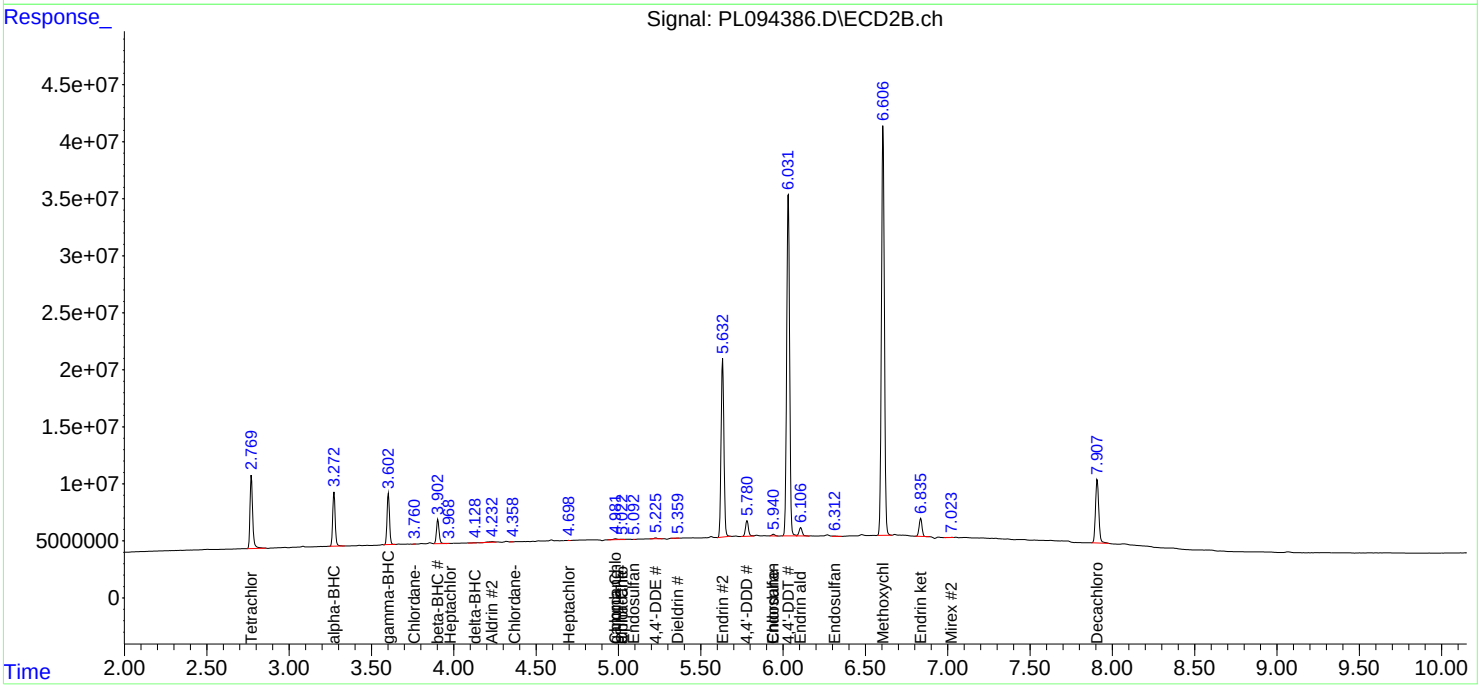
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094386.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 10:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

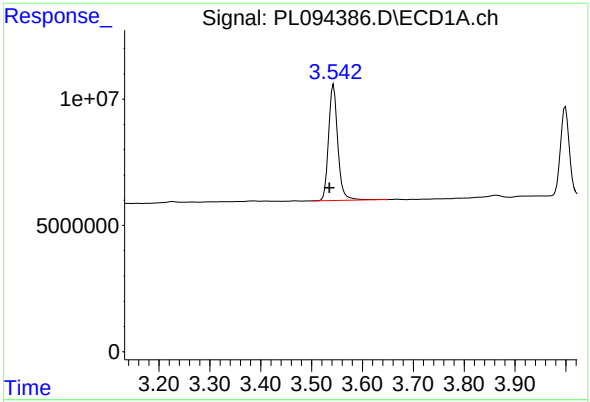
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:07:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
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



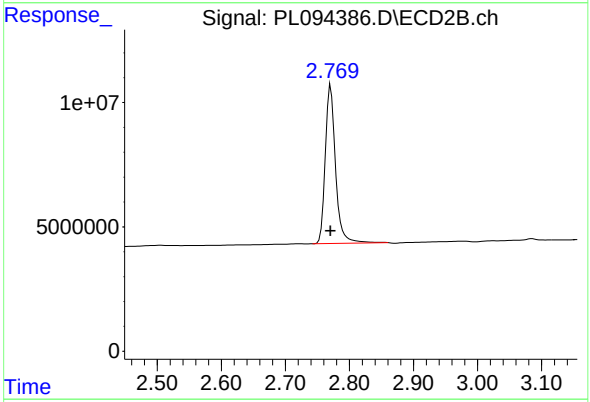




#1 Tetrachloro-m-xylene

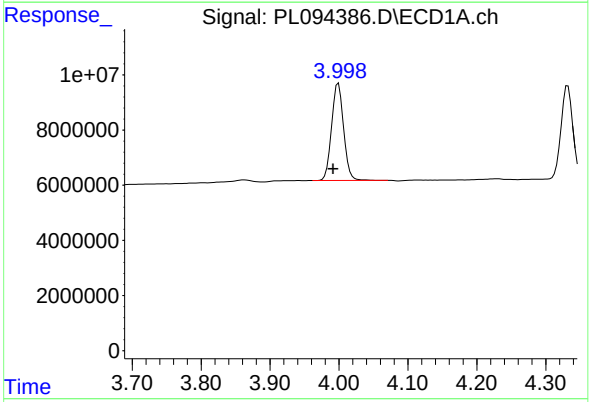
R.T.: 3.543 min
Delta R.T.: 0.008 min
Response: 57821212
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



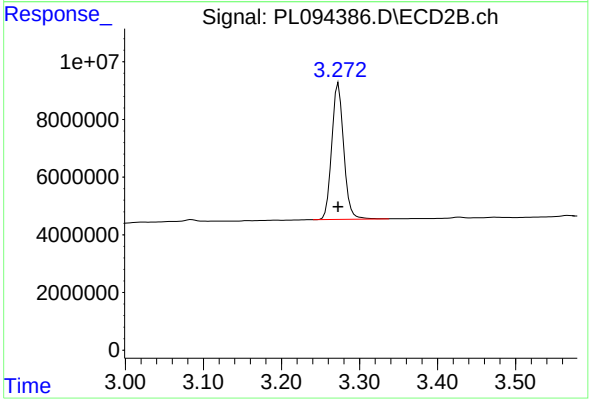
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 71191394
Conc: 22.31 ng/ml



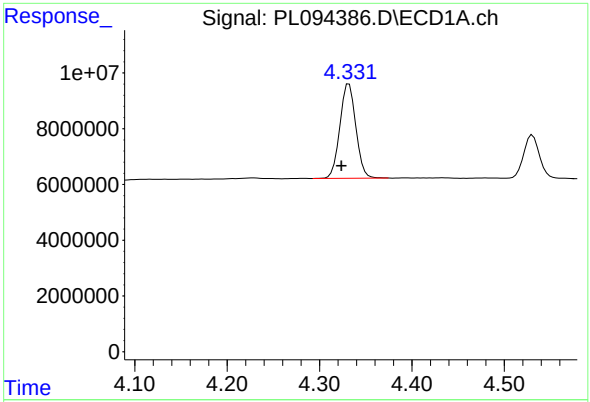
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 42658880
Conc: 11.28 ng/ml



#2 alpha-BHC

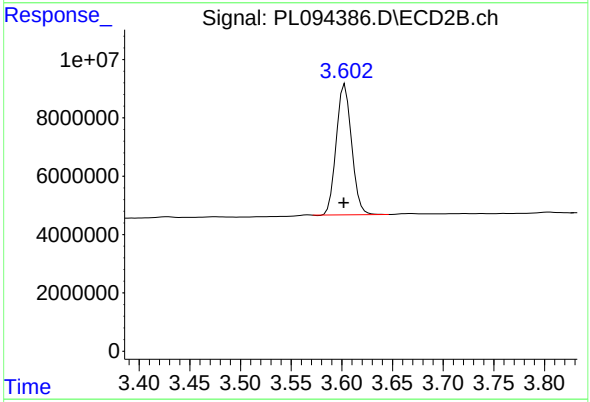
R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 50277860
Conc: 10.23 ng/ml



#3 gamma-BHC (Lindane)

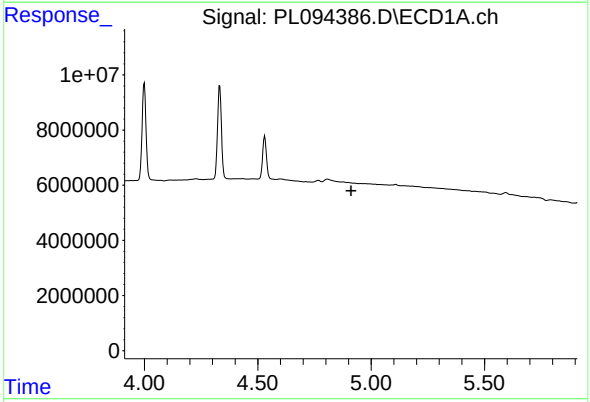
R.T.: 4.332 min
Delta R.T.: 0.008 min
Response: 40675550
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



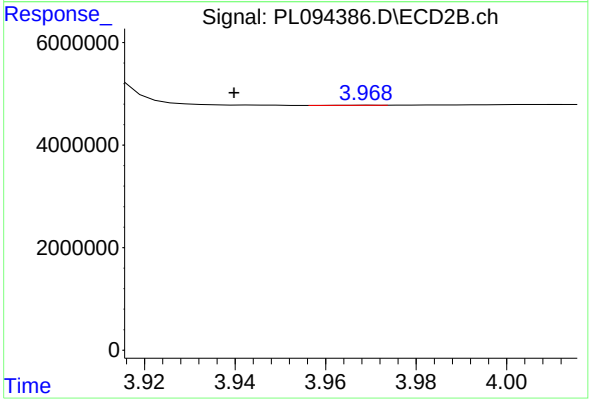
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 47157189
Conc: 10.01 ng/ml



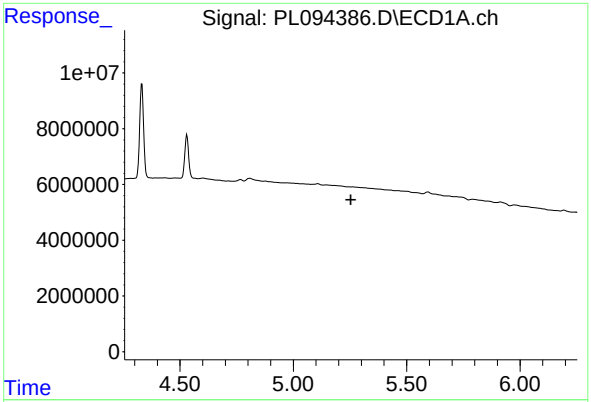
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.912 min
Response: 0
Conc: N.D.



#4 Heptachlor

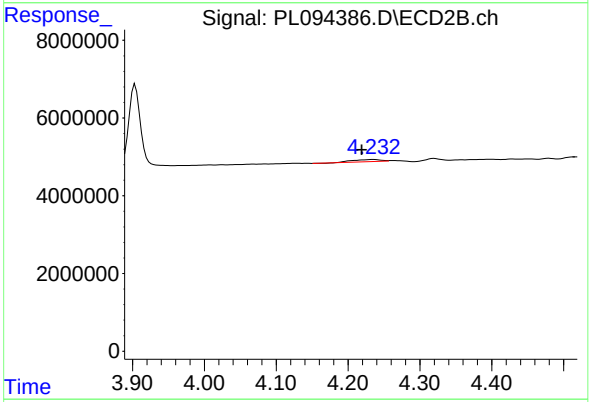
R.T.: 3.969 min
Delta R.T.: 0.030 min
Response: 15392
Conc: 0.00 ng/ml



#5 Aldrin

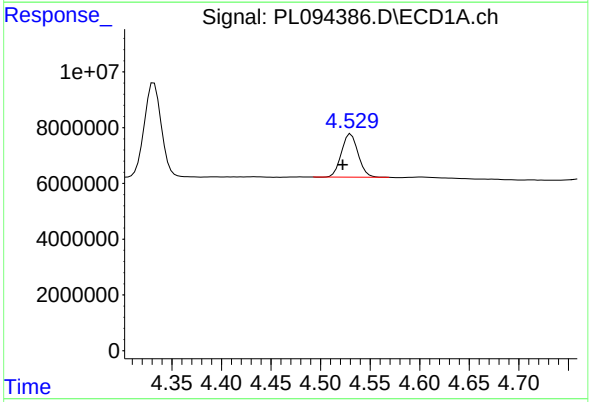
R.T.: 0.000 min
Exp R.T. : 5.253 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



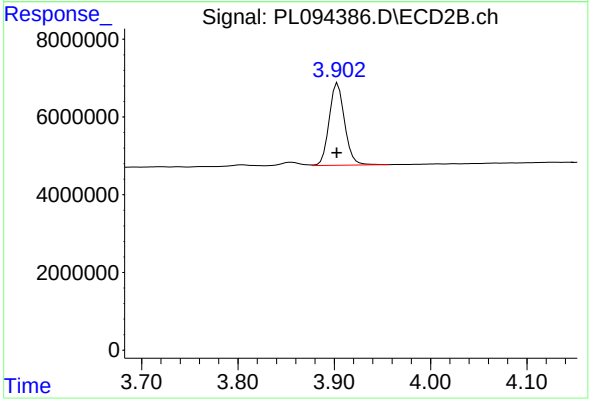
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.016 min
Response: 1486648
Conc: 0.32 ng/ml



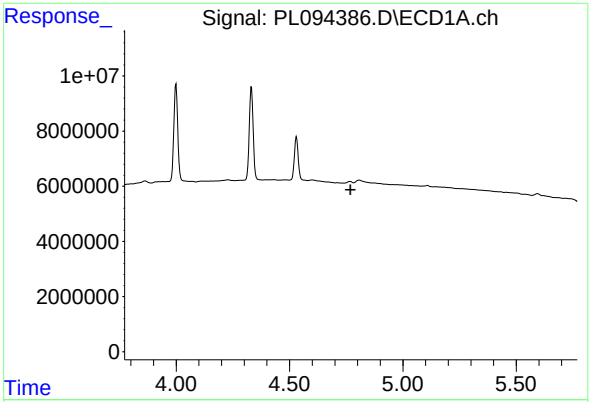
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: 18241781
Conc: 11.42 ng/ml



#6 beta-BHC

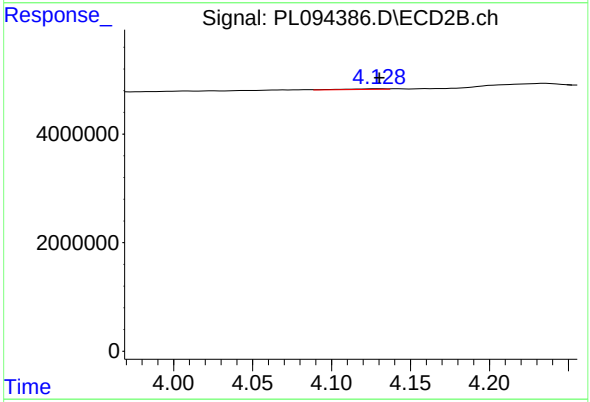
R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 23639972
Conc: 11.89 ng/ml



#7 delta-BHC

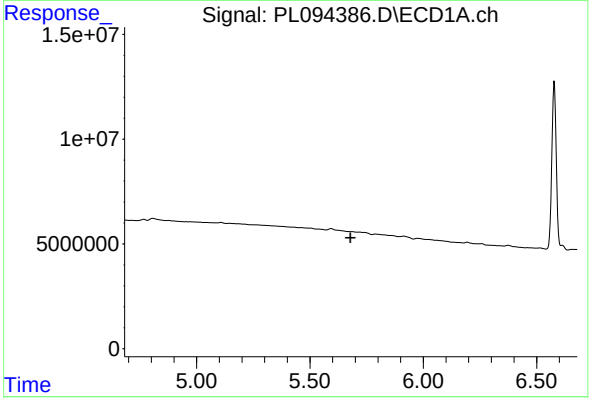
R.T.: 0.000 min
Exp R.T. : 4.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



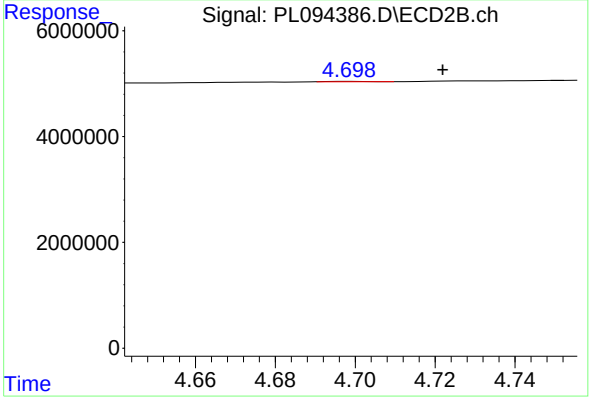
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 219496
Conc: 0.05 ng/ml



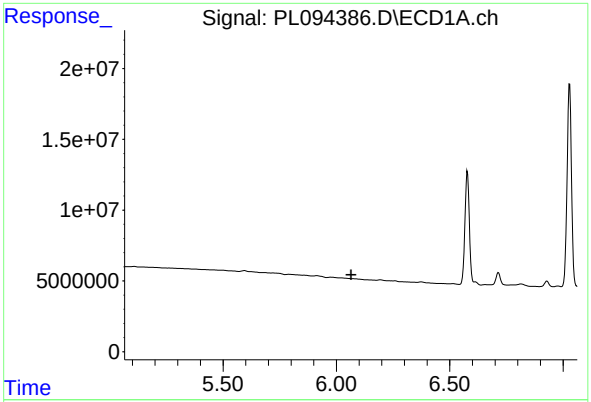
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.679 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

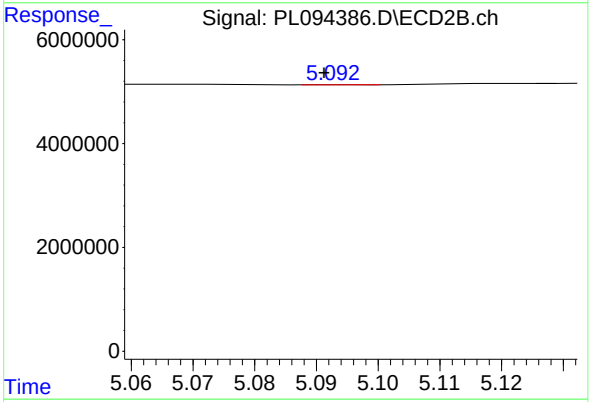
R.T.: 4.699 min
Delta R.T.: -0.023 min
Response: 44053
Conc: 0.01 ng/ml



#9 Endosulfan I

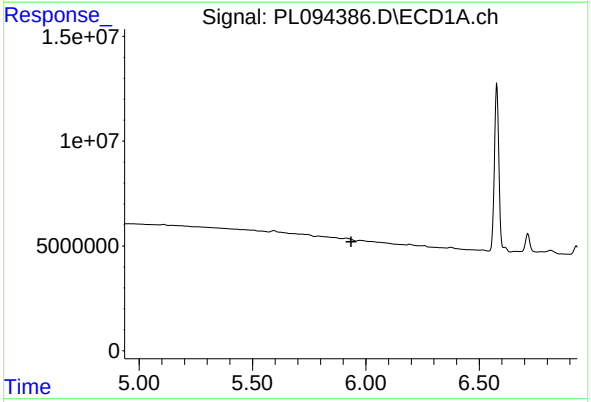
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



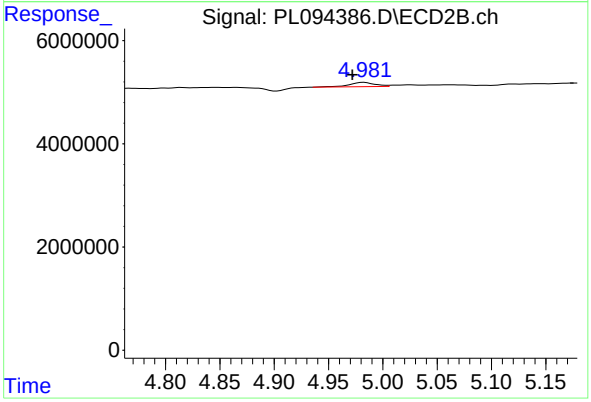
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 16024
Conc: 0.00 ng/ml



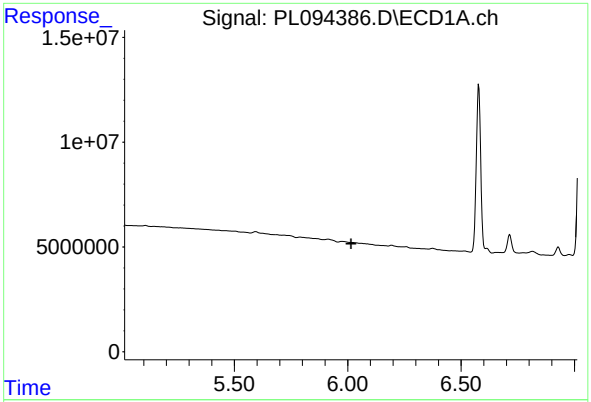
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

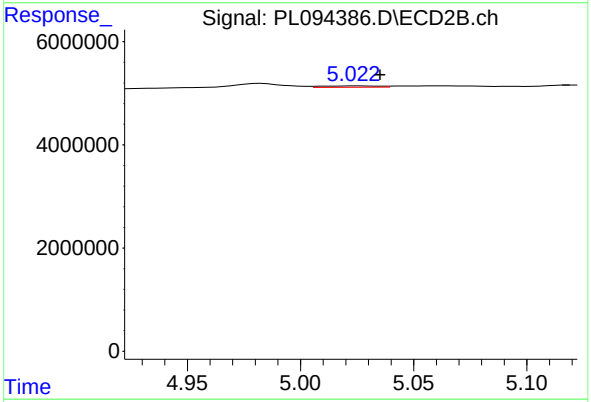
R.T.: 4.982 min
Delta R.T.: 0.010 min
Response: 1393188
Conc: 0.32 ng/ml



#11 alpha-Chlordane

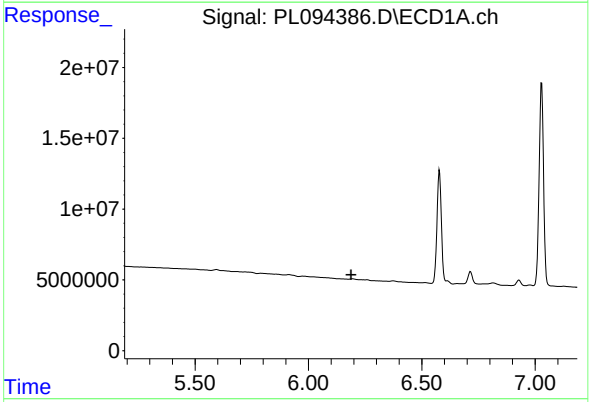
R.T.: 0.000 min
Exp R.T. : 6.015 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



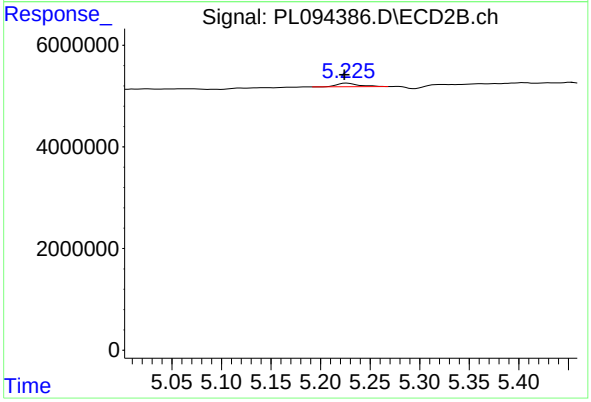
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.010 min
Response: 479537
Conc: 0.11 ng/ml



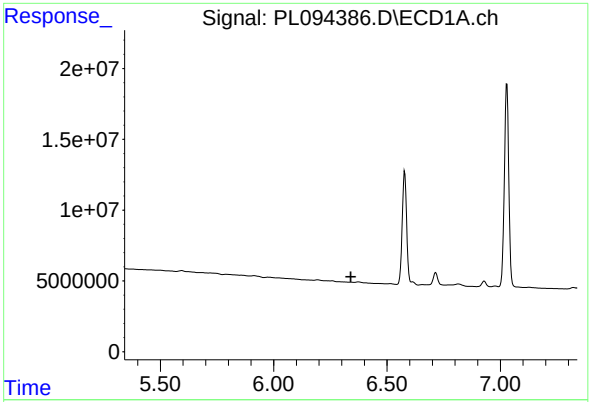
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

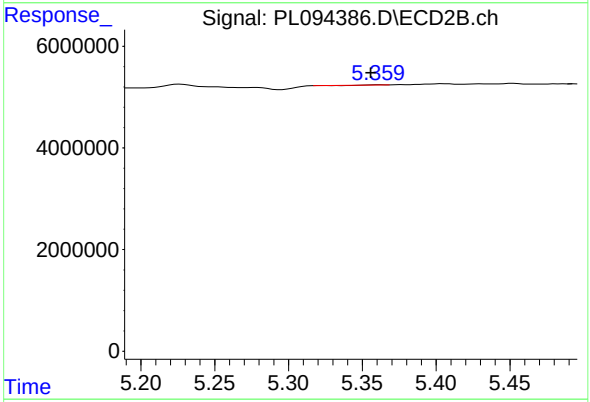
R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 1061355
Conc: 0.25 ng/ml



#13 Dieldrin

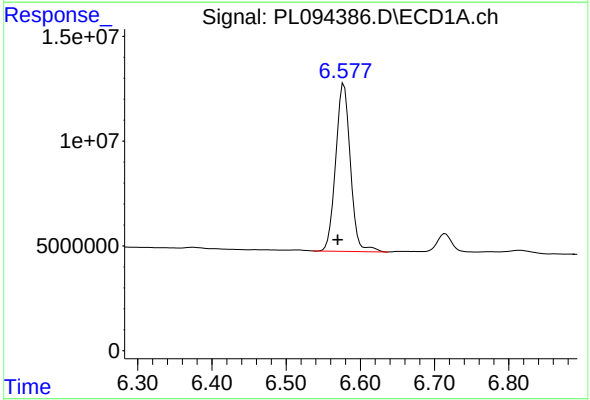
R.T.: 0.000 min
Exp R.T. : 6.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



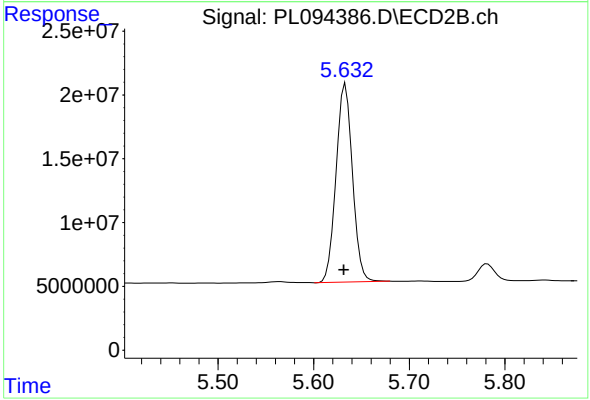
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.006 min
Response: 8311
Conc: 0.00 ng/ml



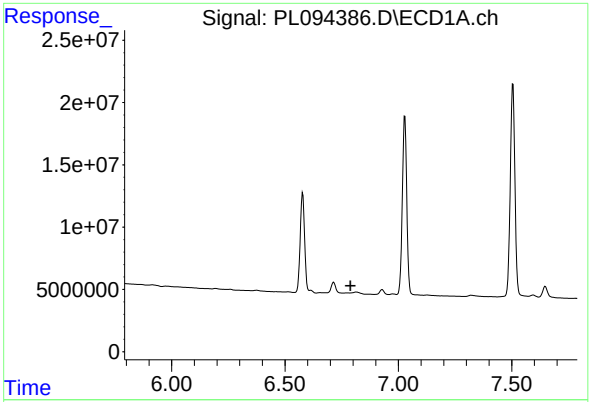
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.008 min
Response: 110321303
Conc: 43.22 ng/ml



#14 Endrin

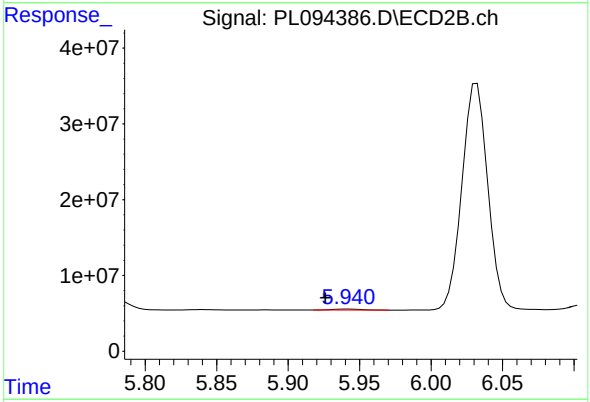
R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 185680906
Conc: 54.54 ng/ml



#15 Endosulfan II

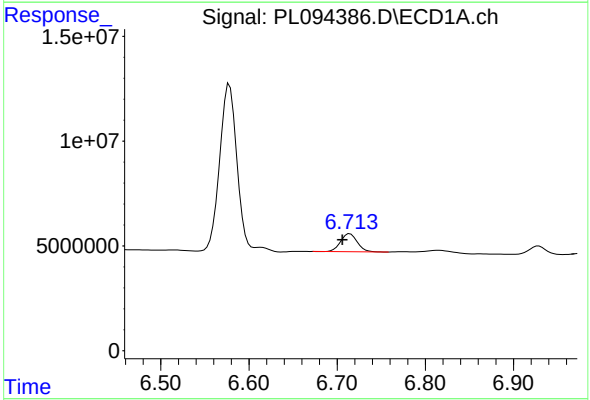
R.T.: 0.000 min
Exp R.T. : 6.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



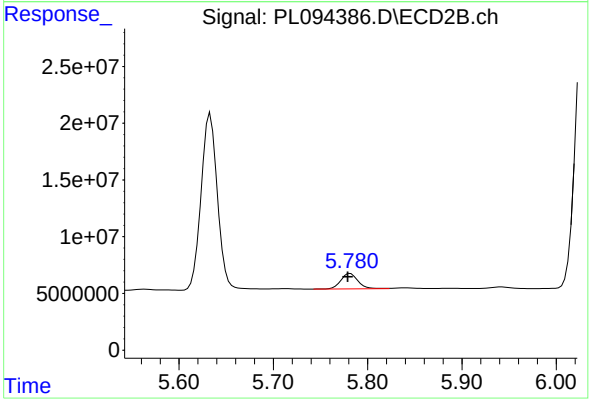
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.016 min
Response: 1780727
Conc: 0.48 ng/ml



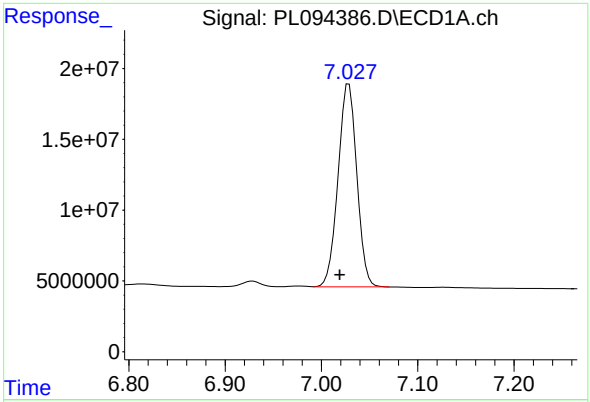
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.008 min
Response: 11325634
Conc: 6.12 ng/ml



#16 4,4'-DDD

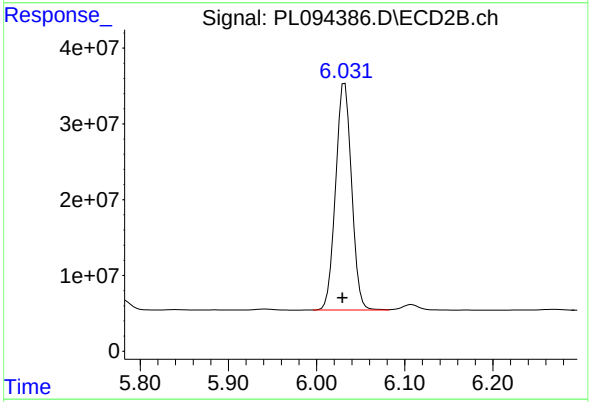
R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 17002155
Conc: 5.34 ng/ml



#17 4,4'-DDT

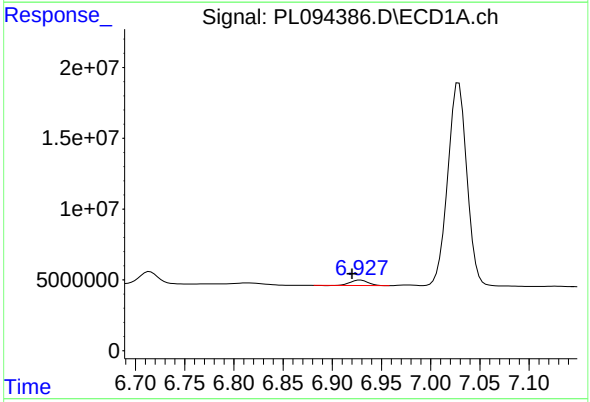
R.T.: 7.029 min
Delta R.T.: 0.010 min
Response: 193591429
Conc: 92.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



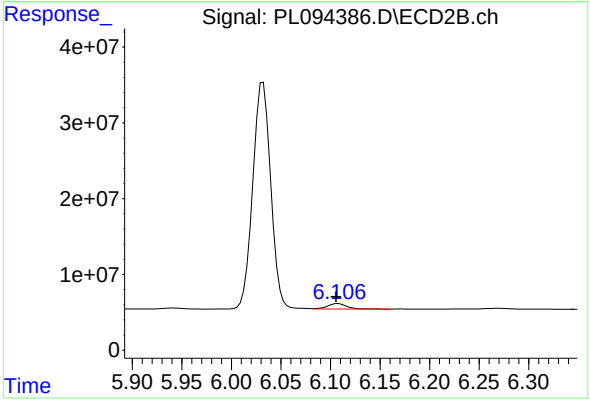
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 377002875
Conc: 105.99 ng/ml



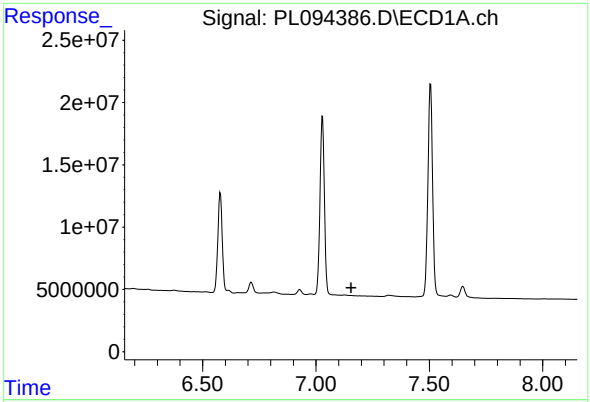
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.009 min
Response: 4921863
Conc: 2.53 ng/ml



#18 Endrin aldehyde

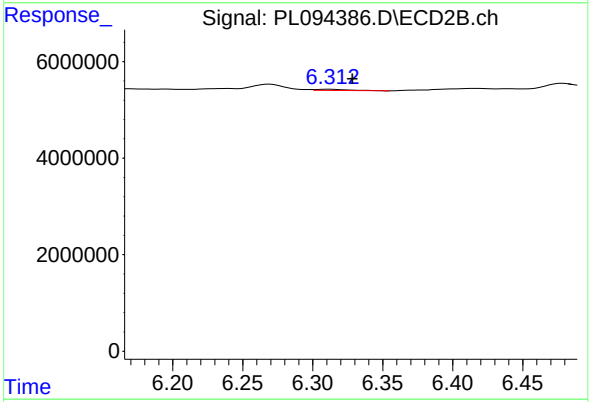
R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 9627018
Conc: 3.05 ng/ml



#19 Endosulfan Sulfate

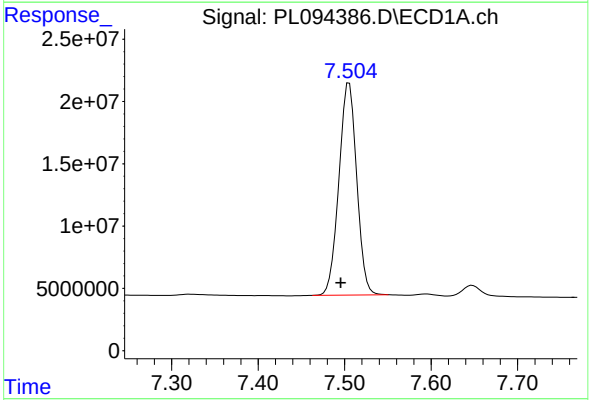
R.T.: 0.000 min
Exp R.T. : 7.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



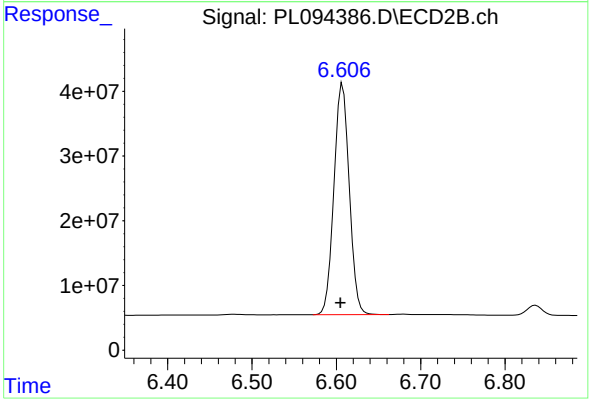
#19 Endosulfan Sulfate

R.T.: 6.313 min
Delta R.T.: -0.016 min
Response: 403789
Conc: 0.11 ng/ml



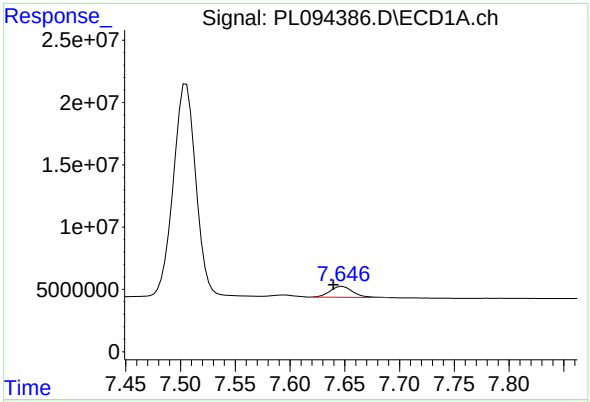
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.010 min
Response: 242281211
Conc: 218.07 ng/ml



#20 Methoxychlor

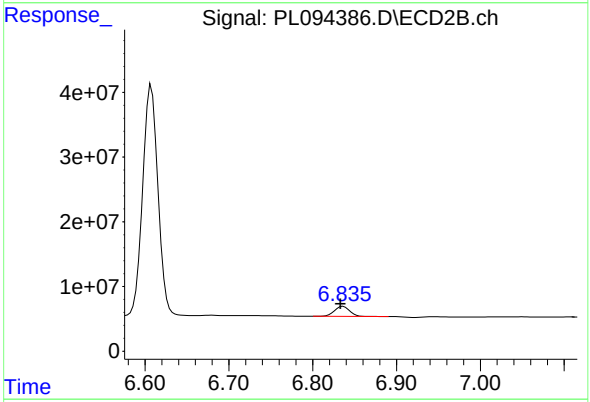
R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 451409465
Conc: 231.37 ng/ml



#21 Endrin ketone

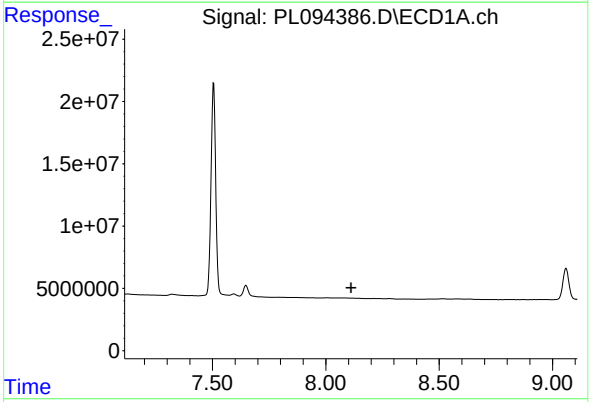
R.T.: 7.648 min
Delta R.T.: 0.008 min
Response: 12454981
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



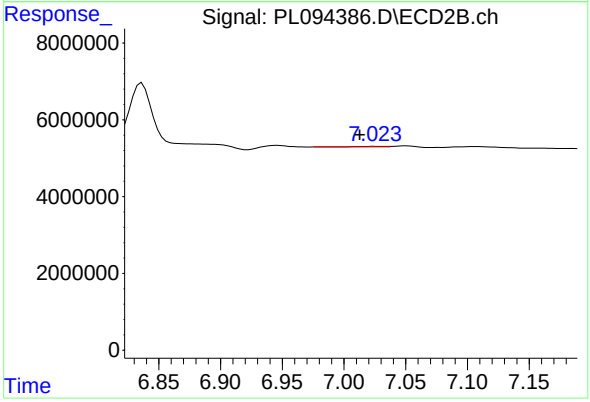
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 19341692
Conc: 4.53 ng/ml



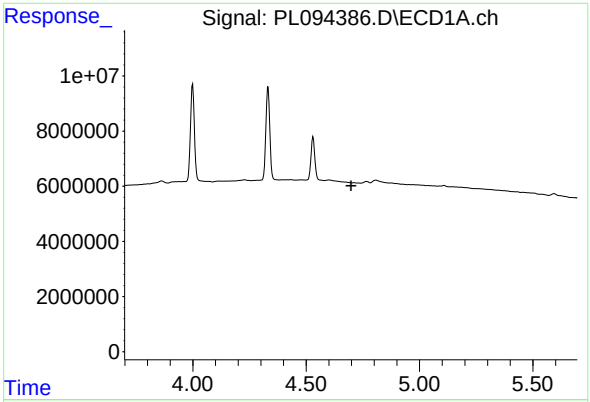
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

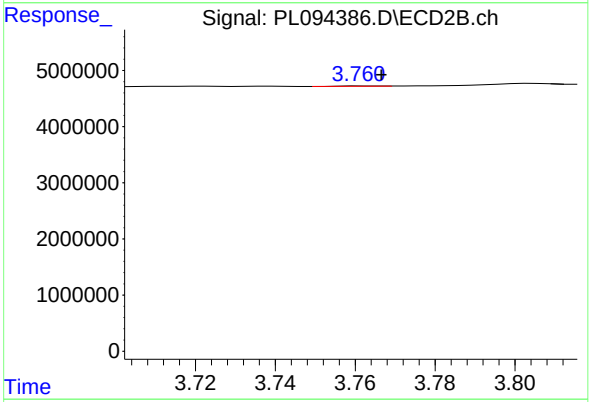
R.T.: 7.025 min
Delta R.T.: 0.012 min
Response: 235914
Conc: 0.07 ng/ml



#23 Chlordane-1

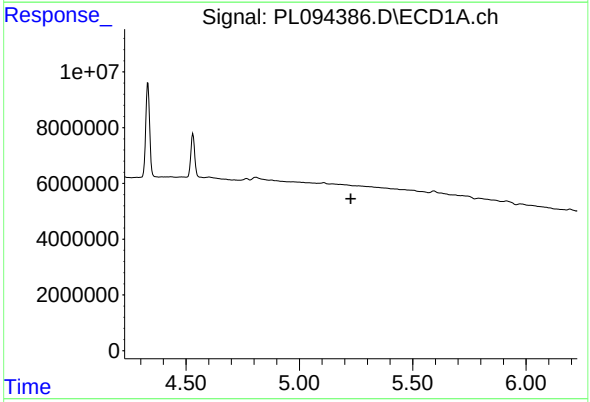
R.T.: 0.000 min
Exp R.T. : 4.698 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



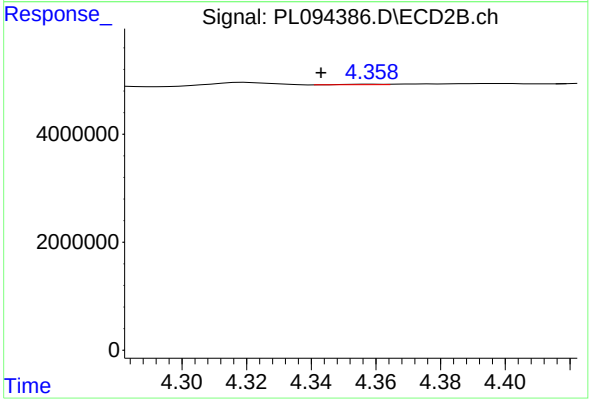
#23 Chlordane-1

R.T.: 3.762 min
Delta R.T.: -0.005 min
Response: 46851
Conc: 0.34 ng/ml



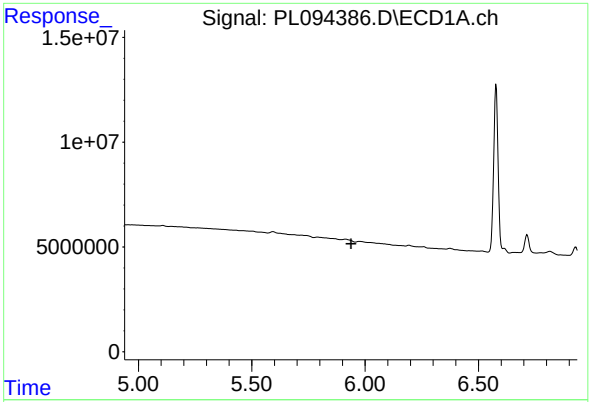
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.227 min
Response: 0
Conc: N.D.



#24 Chlordane-2

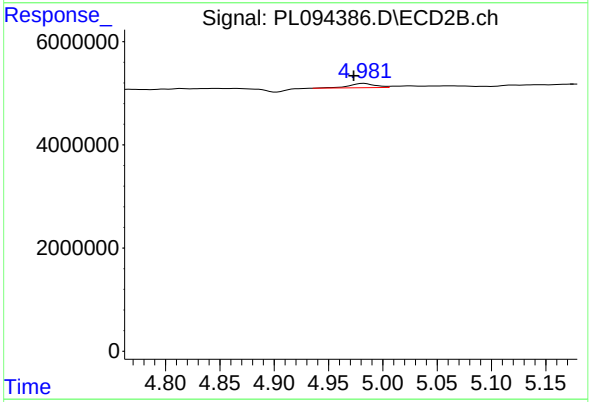
R.T.: 4.359 min
Delta R.T.: 0.016 min
Response: 68689
Conc: 0.44 ng/ml



#25 Chlordane-3

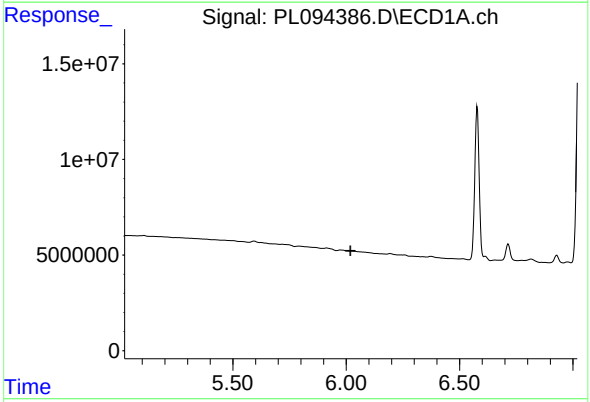
R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



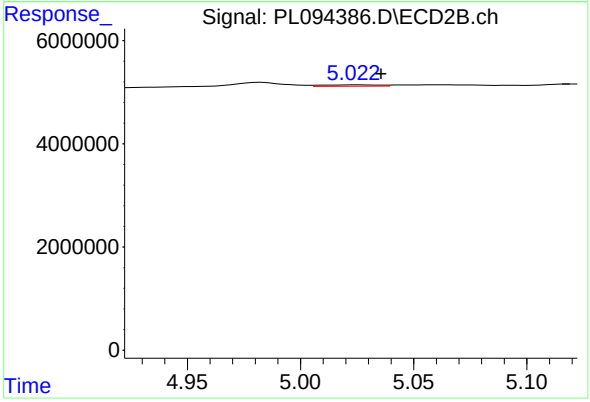
#25 Chlordane-3

R.T.: 4.982 min
Delta R.T.: 0.009 min
Response: 1393188
Conc: 2.93 ng/ml



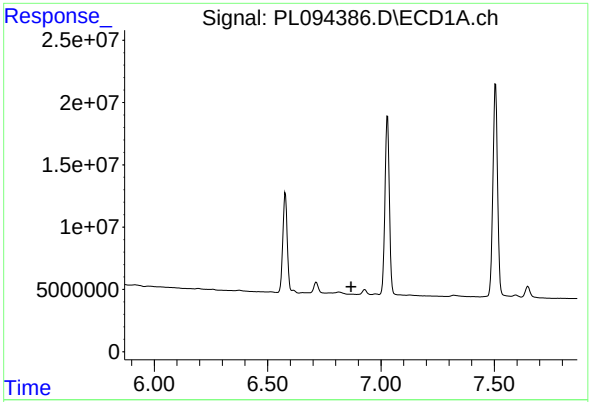
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



#26 Chlordane-4

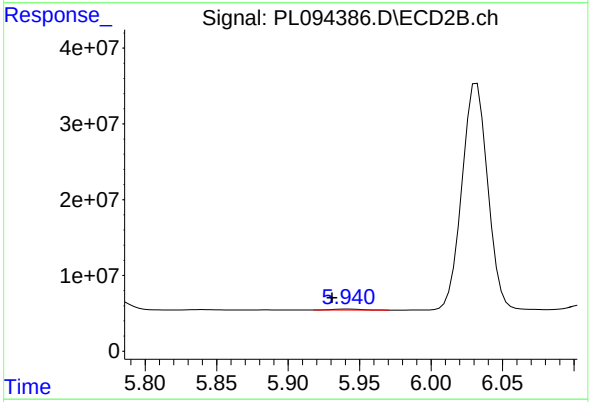
R.T.: 5.025 min
Delta R.T.: -0.011 min
Response: 479537
Conc: 1.02 ng/ml



#27 Chlordane-5

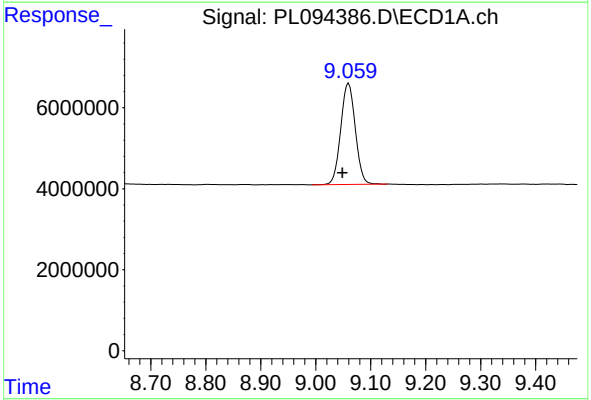
R.T.: 0.000 min
Exp R.T. : 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



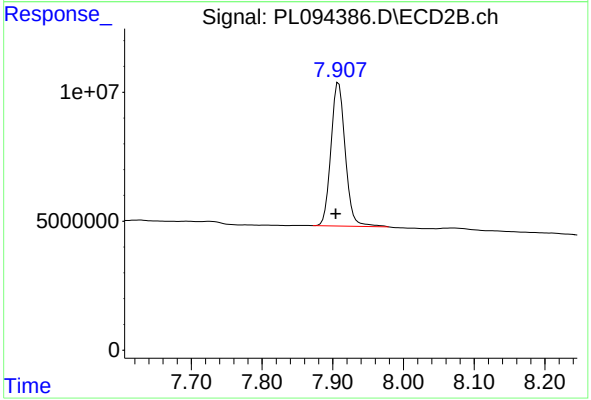
#27 Chlordane-5

R.T.: 5.942 min
Delta R.T.: 0.011 min
Response: 1780727
Conc: 10.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.011 min
Response: 45947843
Conc: 21.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.004 min
Response: 77887681
Conc: 20.25 ng/ml