Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
Data File : PL094090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 10:31
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 08 01:32:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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...	3.545	2.774	56483636	65246470	20.976	19.989	
28)	SA Decachlor...	9.065	7.913	41801923	70553196	19.983	20.135	
	Target Compounds							
2)	A alpha-BHC	4.001	3.277	41887796	46773131	10.926	9.567	
3)	MA gamma-BHC...	4.334	3.607	38630692	43754869	10.489	9.229	
4)	MA Heptachlor	0.000	3.971f	0	66159	N.D.	0.014	#
5)	MB Aldrin	0.000	4.210	0	206861	N.D.	0.045	#
6)	B beta-BHC	4.534	3.908	17672821	21846587	10.995	10.937	
7)	B delta-BHC	0.000	4.135	0	121819	N.D.	0.026	#
8)	B Heptachlo...	0.000	4.745f	0	66815	N.D.	0.016	#
9)	A Endosulfan I	0.000	5.073f	0	735488	N.D.	0.190	#
10)	B gamma-Chl...	0.000	4.976	0	2555597	N.D.	0.603	#
11)	B alpha-Chl...	0.000	5.028	0	1176465	N.D.	0.281	#
12)	B 4,4'-DDE	0.000	5.233	0	566830	N.D.	0.141	#
13)	MA Dieldrin	0.000	5.373	0	252849	N.D.	0.059	#
14)	MA Endrin	6.582	5.638	111.0E6	182.1E6	47.339	49.319	
15)	B Endosulfa...	6.812f	5.947f	2223099	468849	0.923	0.127	#
16)	A 4,4'-DDD	6.719	5.788	3918747	2859121	2.062	0.906	#
17)	MA 4,4'-DDT	7.032	6.037	198.6E6	379.7E6	100.729	116.681	
18)	B Endrin al...	6.931	6.113	2691188	6215787	1.384	2.042	#
20)	A Methoxychlor	7.508	6.613	243.6E6	459.8E6	233.456	257.165	
21)	B Endrin ke...	7.651	6.841	6549501	7391146	2.596	1.762	#
22)	Mirex	0.000	7.039f	0	421501	N.D.	0.125	#
24)	Chlordane-2	0.000	4.324f	0	874638	N.D.	5.961	#
25)	Chlordane-3	0.000	4.976	0	2555597	N.D.	5.877	#
26)	Chlordane-4	0.000	5.028	0	1176465	N.D.	2.777	#
27)	Chlordane-5	0.000	5.947	0	468849	N.D.	3.061	#

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

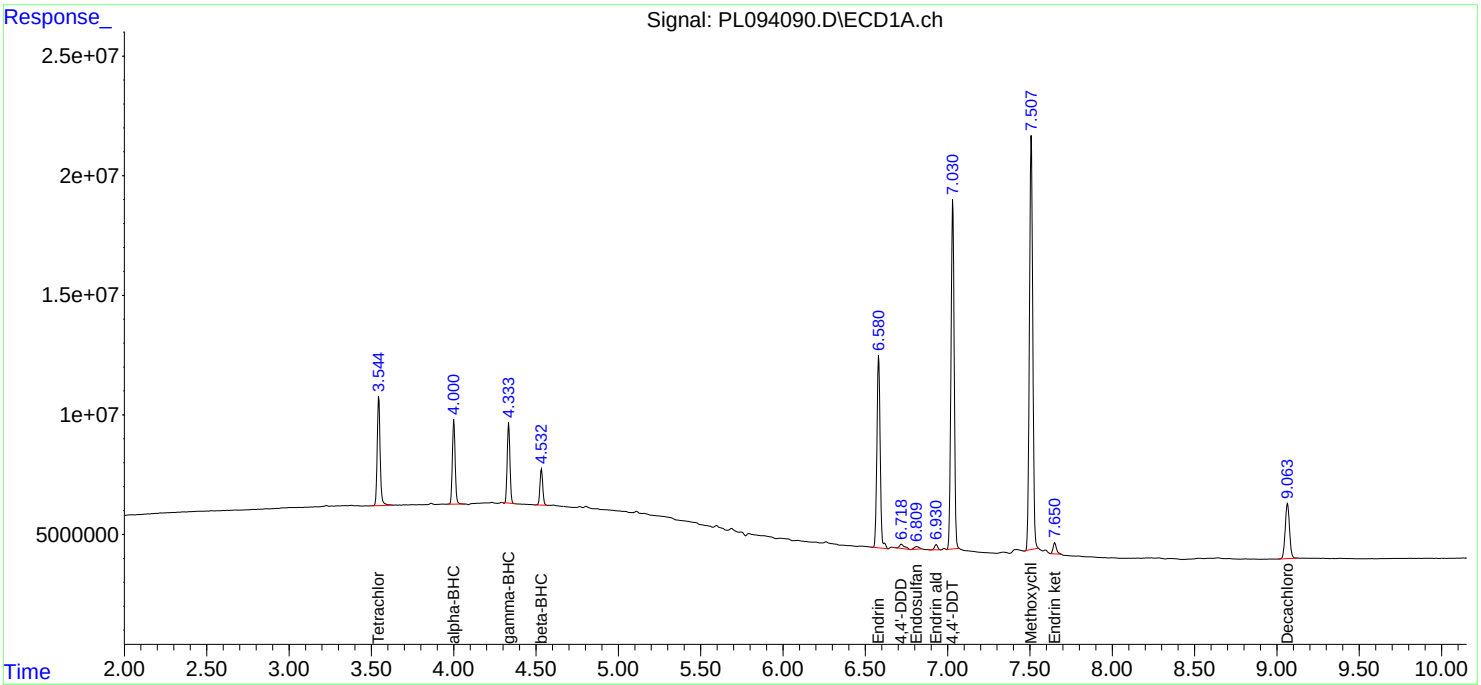
Quantitation Report (Not Reviewed)

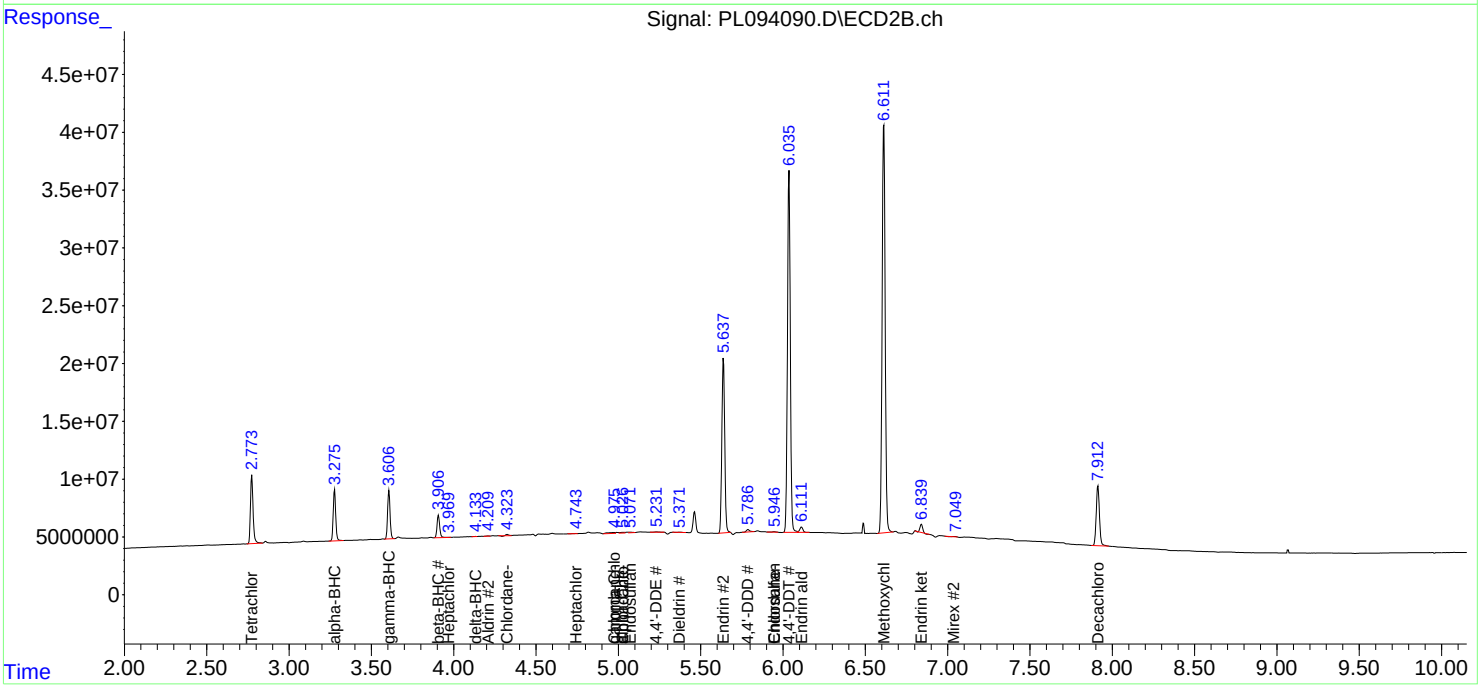
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
Data File : PL094090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 10:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

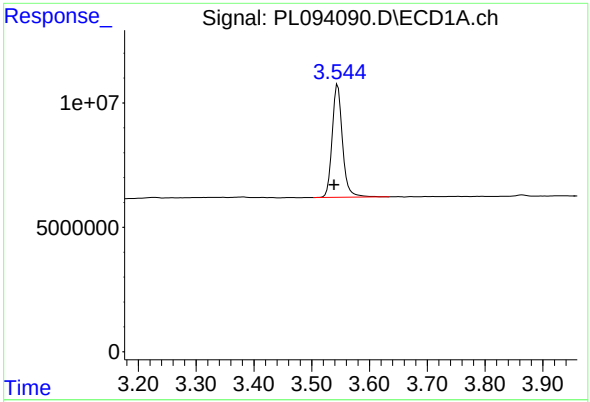
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 01:32:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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



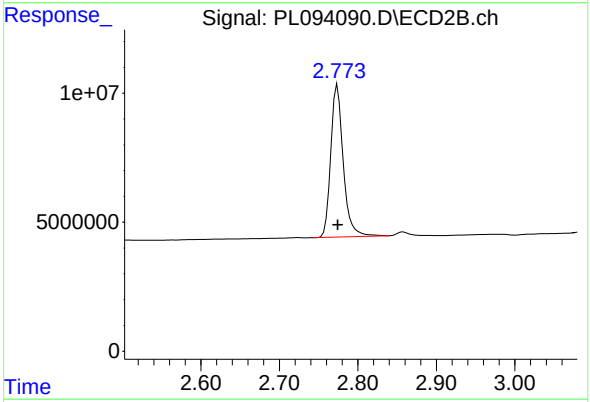




#1 Tetrachloro-m-xylene

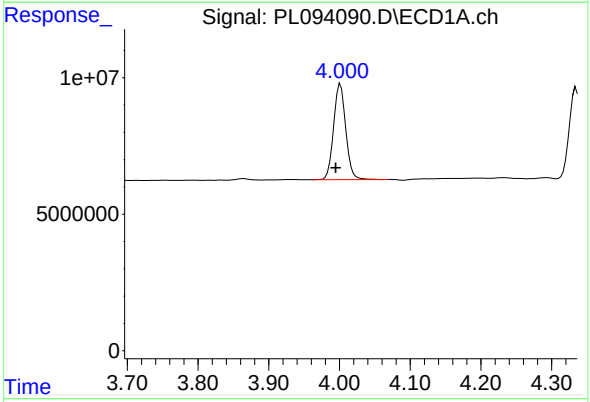
R.T.: 3.545 min
Delta R.T.: 0.006 min
Response: 56483636
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



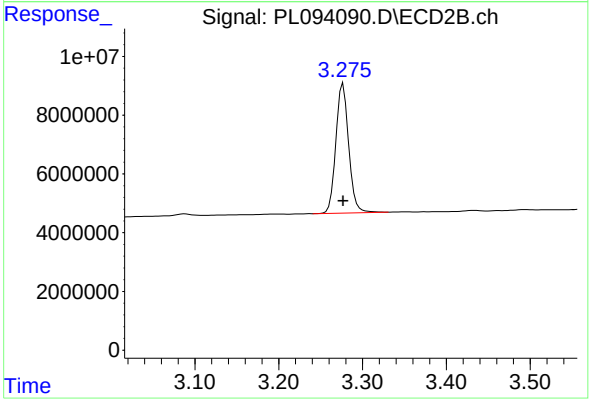
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 65246470
Conc: 19.99 ng/ml



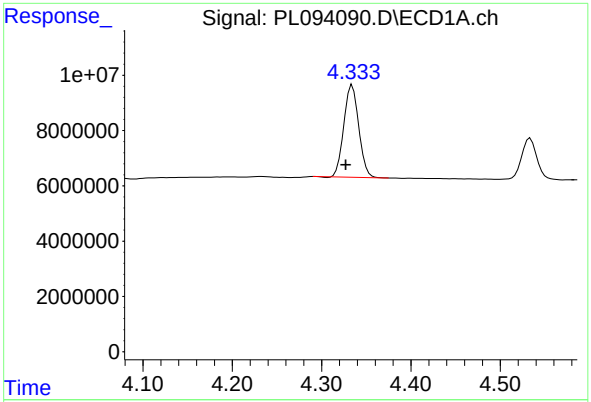
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 41887796
Conc: 10.93 ng/ml



#2 alpha-BHC

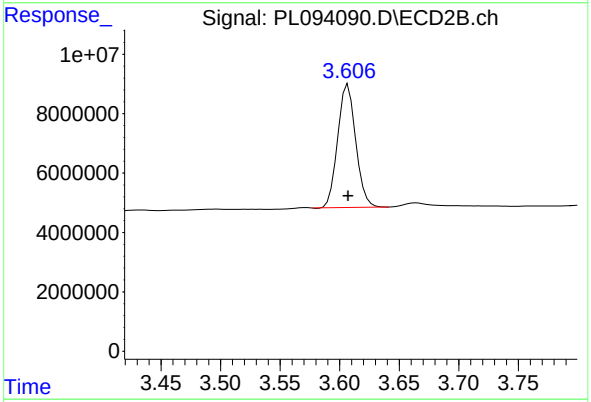
R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 46773131
Conc: 9.57 ng/ml



#3 gamma-BHC (Lindane)

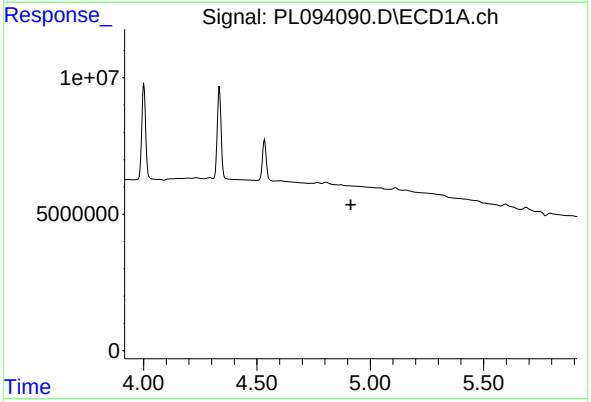
R.T.: 4.334 min
Delta R.T.: 0.007 min
Response: 38630692
Conc: 10.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



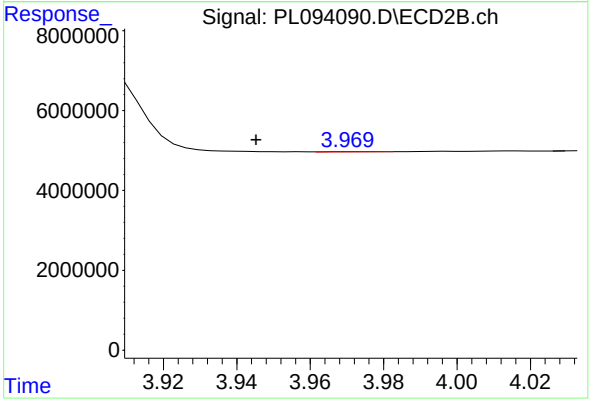
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 43754869
Conc: 9.23 ng/ml



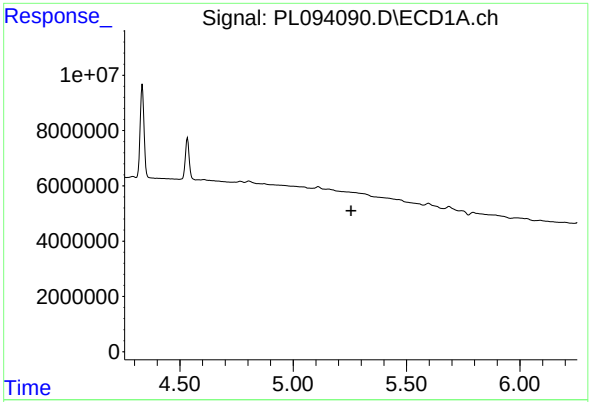
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.914 min
Response: 0
Conc: N.D.



#4 Heptachlor

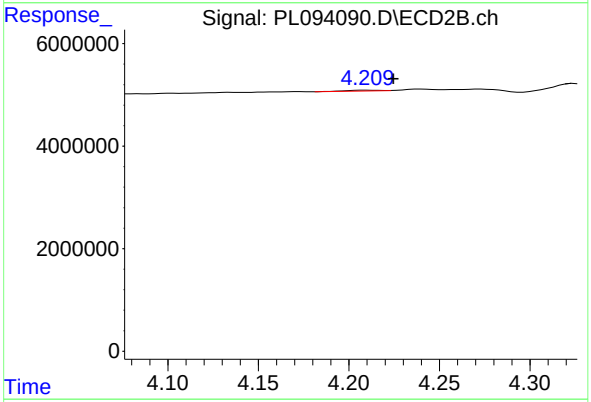
R.T.: 3.971 min
Delta R.T.: 0.026 min
Response: 66159
Conc: 0.01 ng/ml



#5 Aldrin

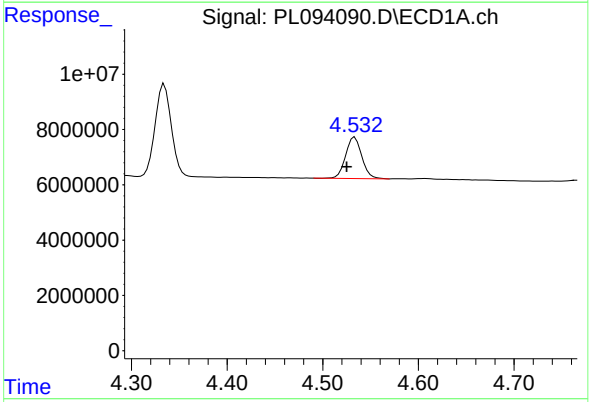
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



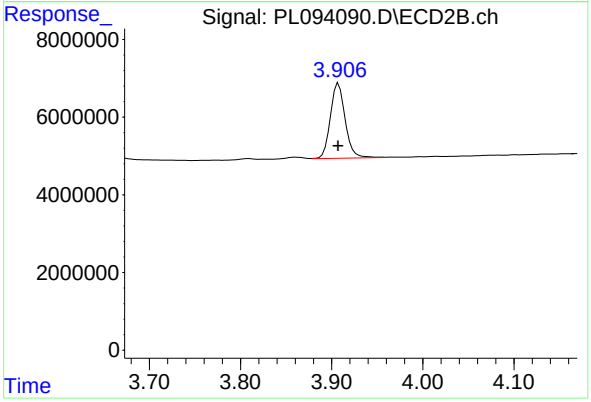
#5 Aldrin

R.T.: 4.210 min
Delta R.T.: -0.015 min
Response: 206861
Conc: 0.05 ng/ml



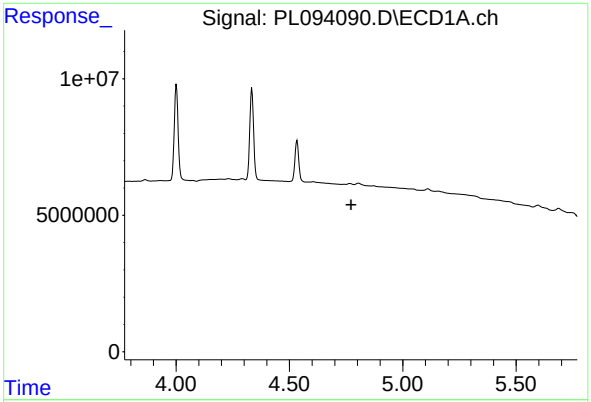
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.008 min
Response: 17672821
Conc: 11.00 ng/ml



#6 beta-BHC

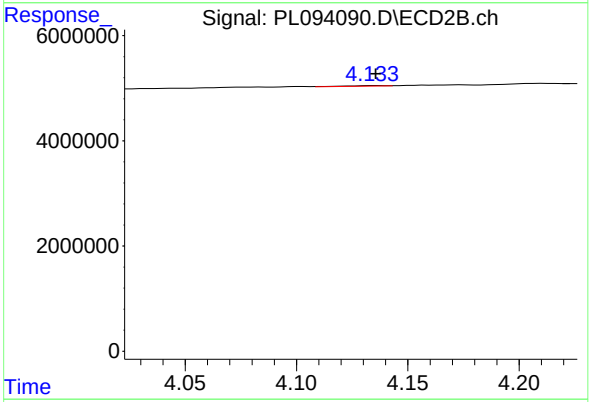
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 21846587
Conc: 10.94 ng/ml



#7 delta-BHC

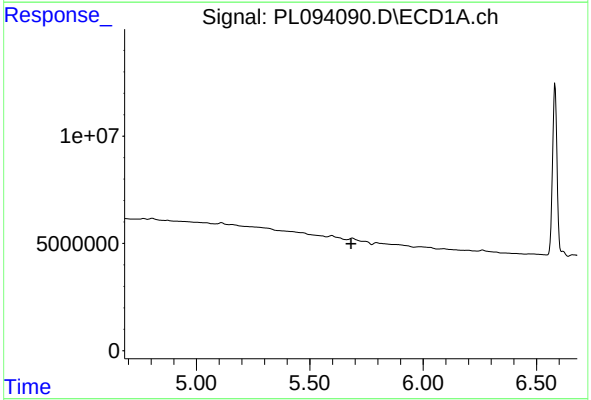
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



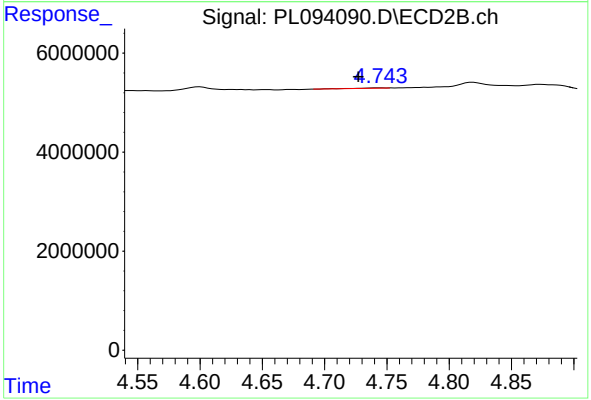
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 121819
Conc: 0.03 ng/ml



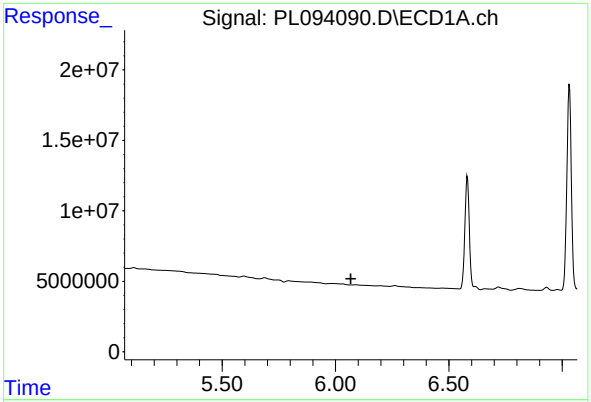
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.682 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

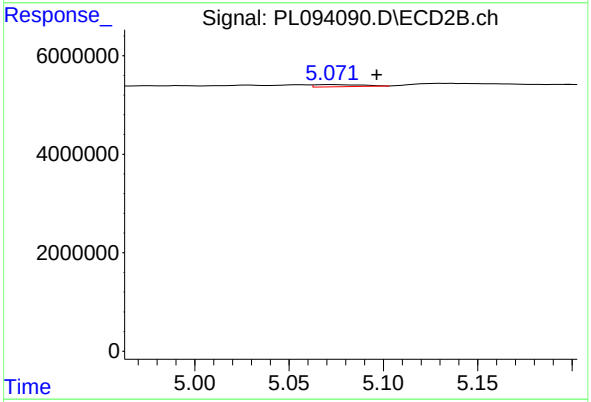
R.T.: 4.745 min
Delta R.T.: 0.018 min
Response: 66815
Conc: 0.02 ng/ml



#9 Endosulfan I

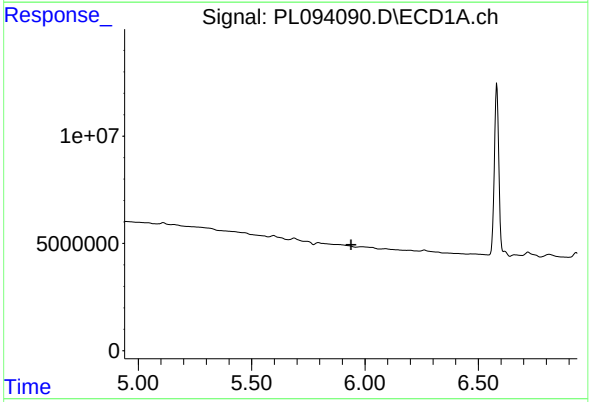
R.T.: 0.000 min
Exp R.T. : 6.067 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



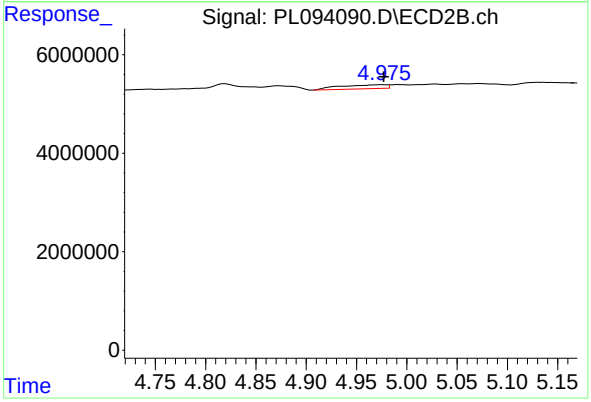
#9 Endosulfan I

R.T.: 5.073 min
Delta R.T.: -0.024 min
Response: 735488
Conc: 0.19 ng/ml



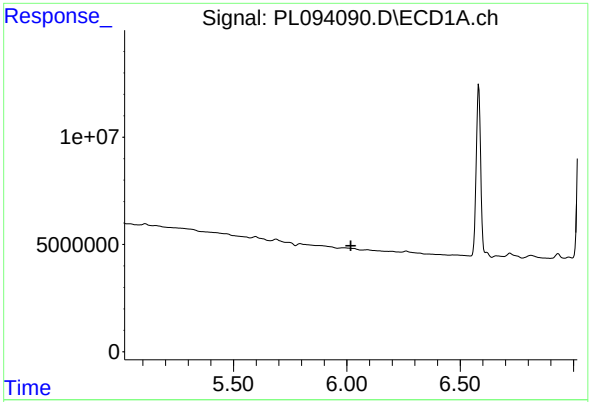
#10 gamma-Chlordane

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



#10 gamma-Chlordane

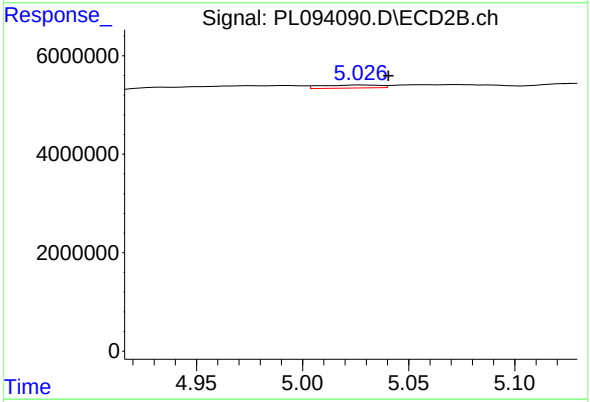
R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 2555597
Conc: 0.60 ng/ml



#11 alpha-Chlordane

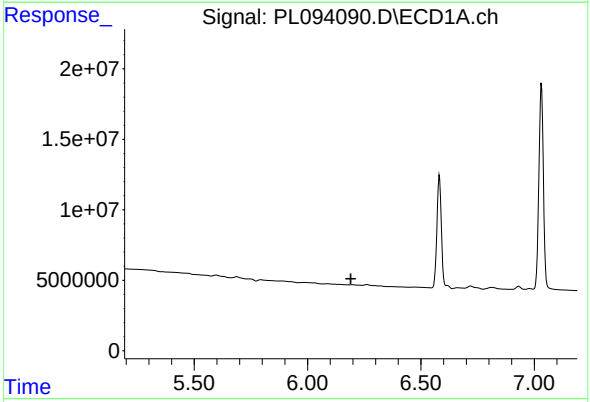
R.T.: 0.000 min
Exp R.T. : 6.017 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



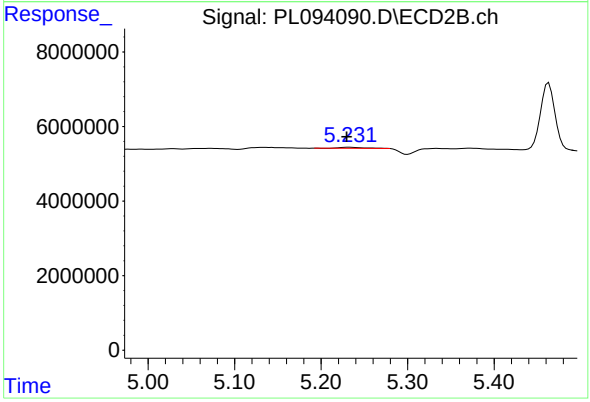
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.012 min
Response: 1176465
Conc: 0.28 ng/ml



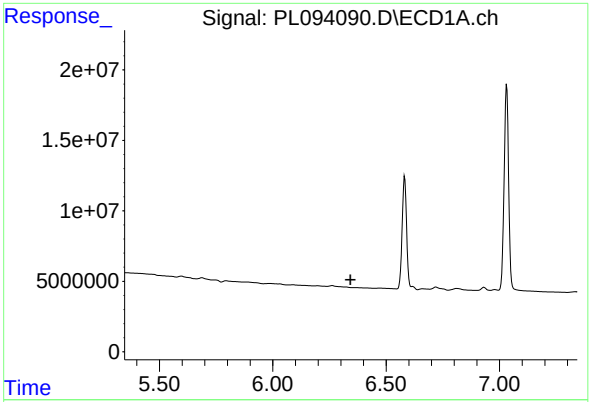
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.191 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

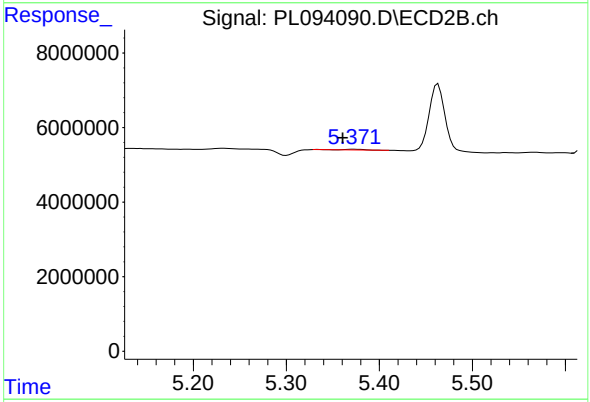
R.T.: 5.233 min
Delta R.T.: 0.003 min
Response: 566830
Conc: 0.14 ng/ml



#13 Dieldrin

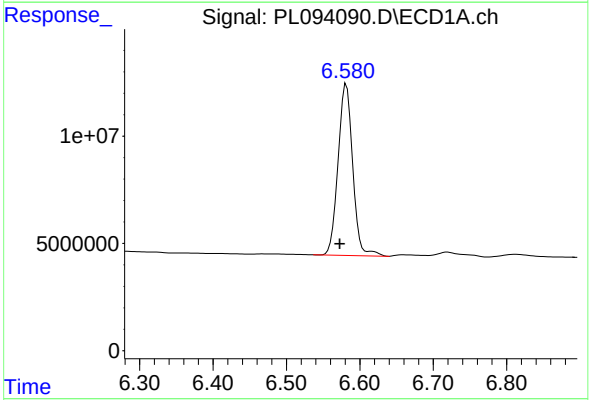
R.T.: 0.000 min
Exp R.T. : 6.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



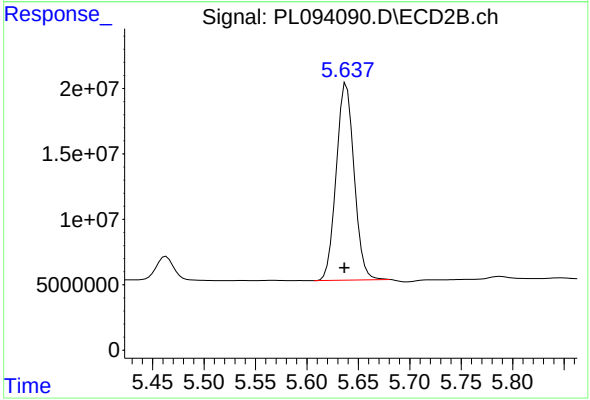
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.012 min
Response: 252849
Conc: 0.06 ng/ml



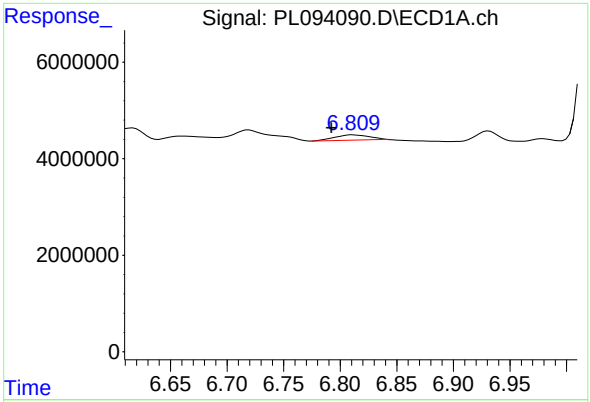
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.009 min
Response: 111000670
Conc: 47.34 ng/ml



#14 Endrin

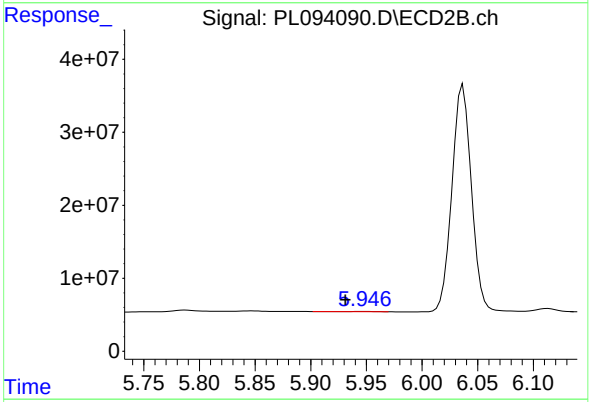
R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 182120976
Conc: 49.32 ng/ml



#15 Endosulfan II

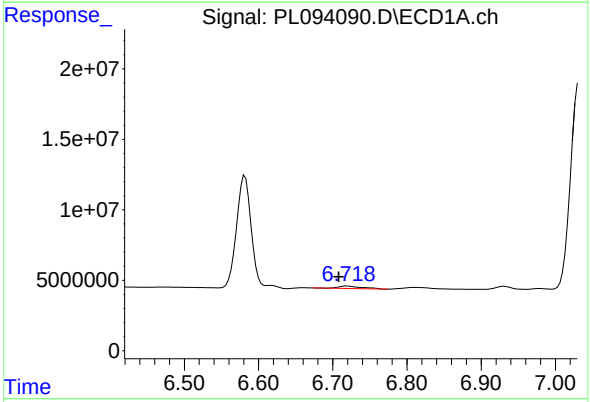
R.T.: 6.812 min
Delta R.T.: 0.019 min
Response: 2223099
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



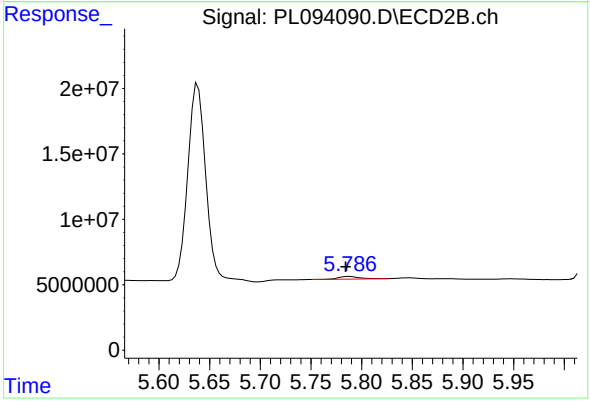
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: 0.016 min
Response: 468849
Conc: 0.13 ng/ml



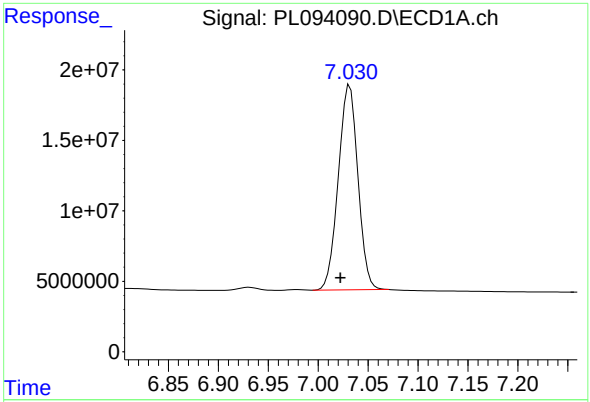
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.011 min
Response: 3918747
Conc: 2.06 ng/ml



#16 4,4'-DDD

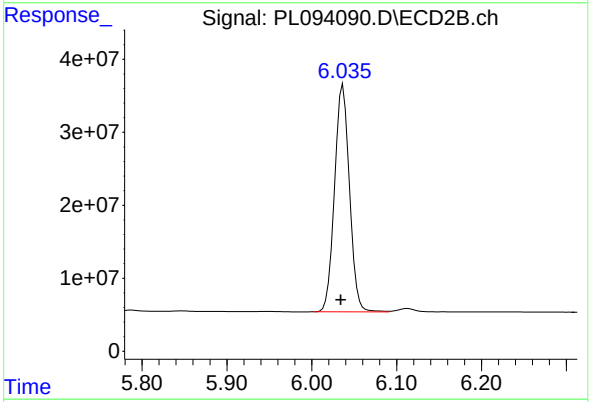
R.T.: 5.788 min
Delta R.T.: 0.004 min
Response: 2859121
Conc: 0.91 ng/ml



#17 4,4'-DDT

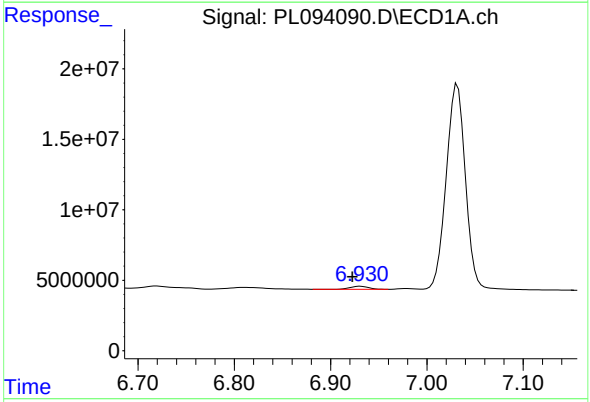
R.T.: 7.032 min
Delta R.T.: 0.009 min
Response: 198642940
Conc: 100.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



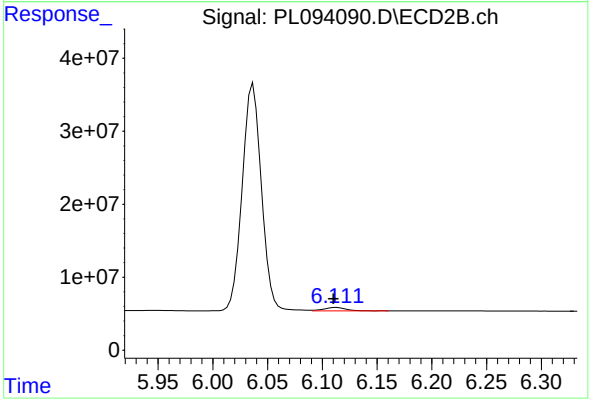
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 379684023
Conc: 116.68 ng/ml



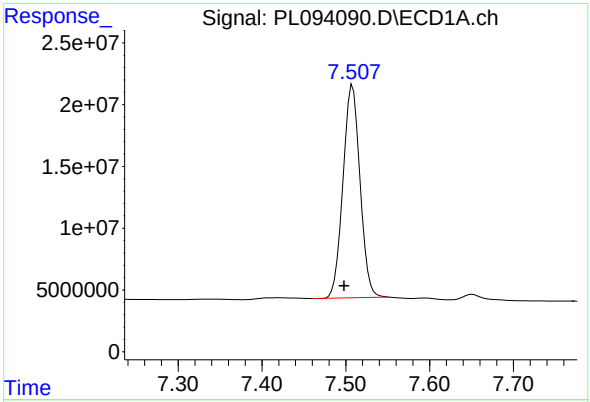
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.009 min
Response: 2691188
Conc: 1.38 ng/ml



#18 Endrin aldehyde

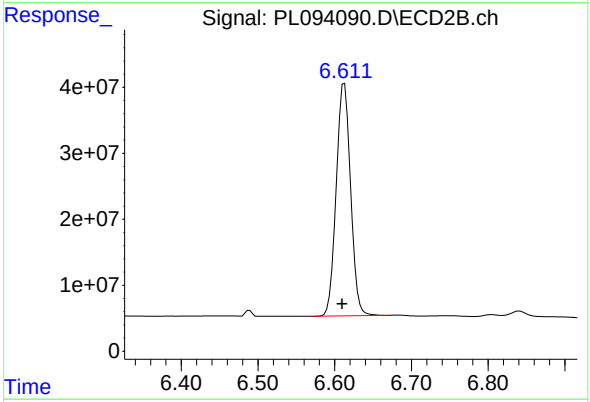
R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 6215787
Conc: 2.04 ng/ml



#20 Methoxychlor

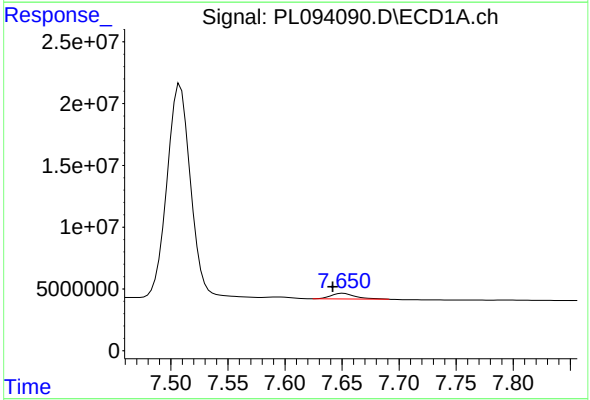
R.T.: 7.508 min
Delta R.T.: 0.010 min
Response: 243587110
Conc: 233.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



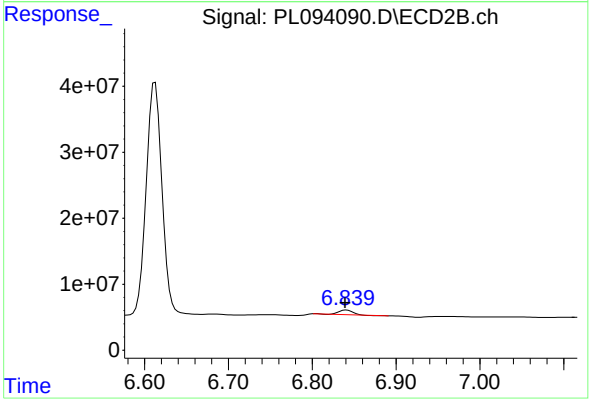
#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 459845518
Conc: 257.16 ng/ml



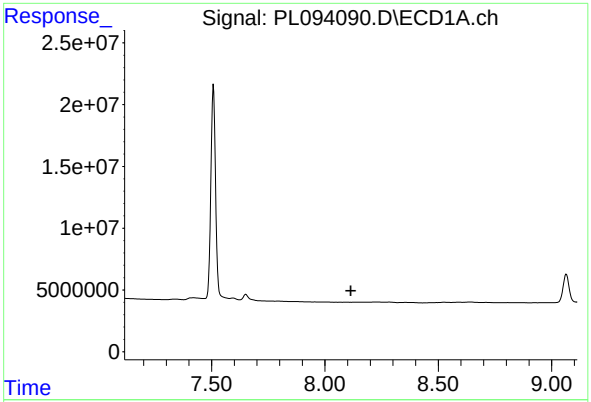
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.009 min
Response: 6549501
Conc: 2.60 ng/ml



#21 Endrin ketone

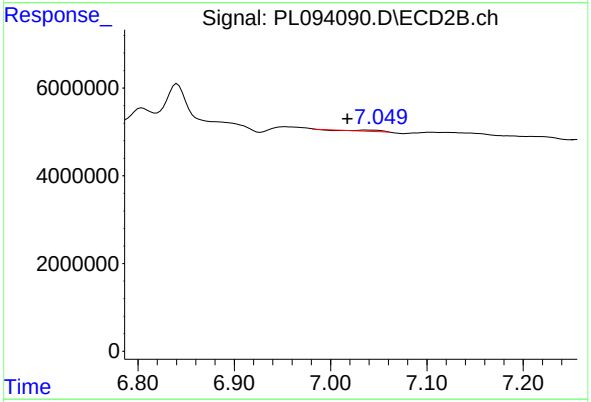
R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 7391146
Conc: 1.76 ng/ml



#22 Mirex

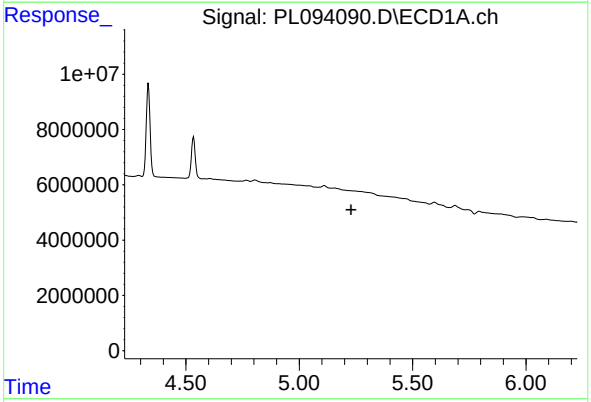
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



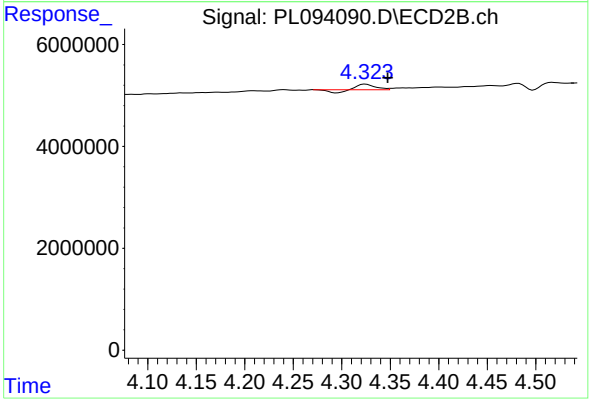
#22 Mirex

R.T.: 7.039 min
Delta R.T.: 0.021 min
Response: 421501
Conc: 0.12 ng/ml



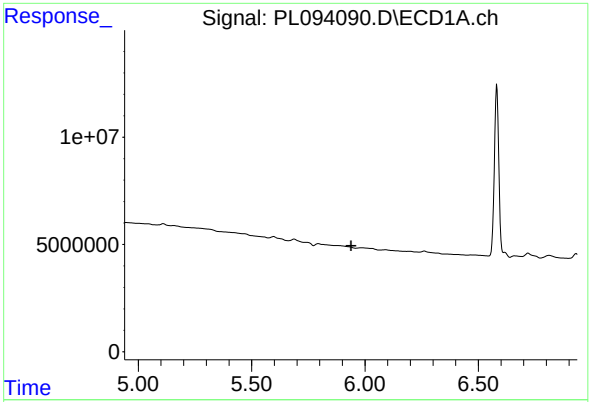
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.



#24 Chlordane-2

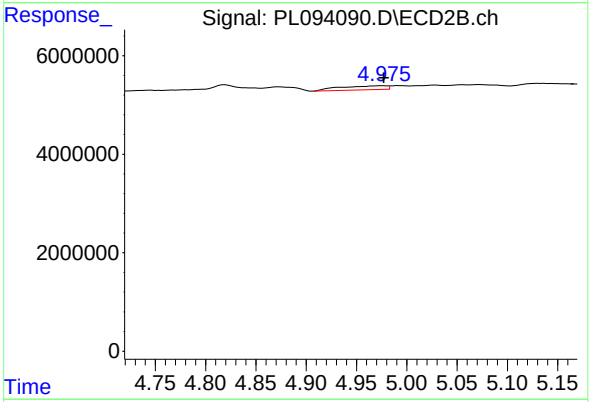
R.T.: 4.324 min
Delta R.T.: -0.023 min
Response: 874638
Conc: 5.96 ng/ml



#25 Chlordane-3

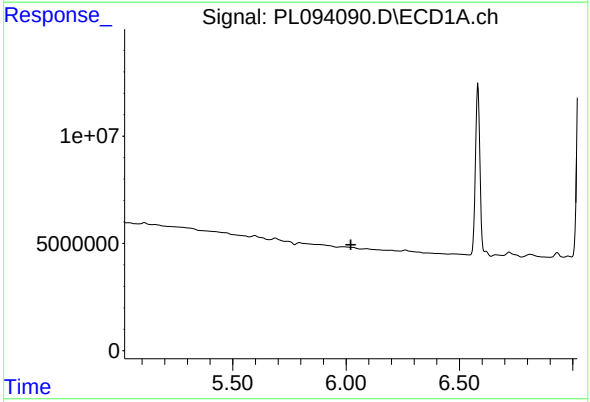
R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



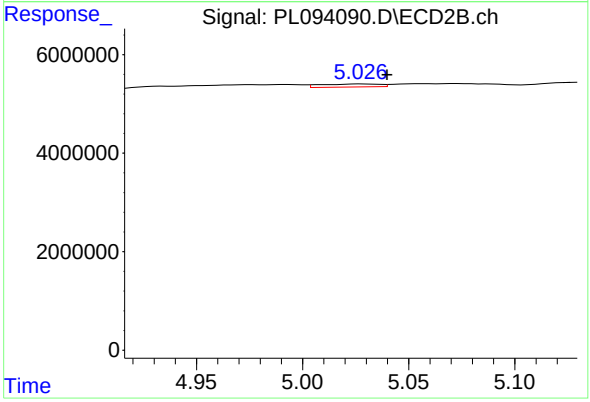
#25 Chlordane-3

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 2555597
Conc: 5.88 ng/ml



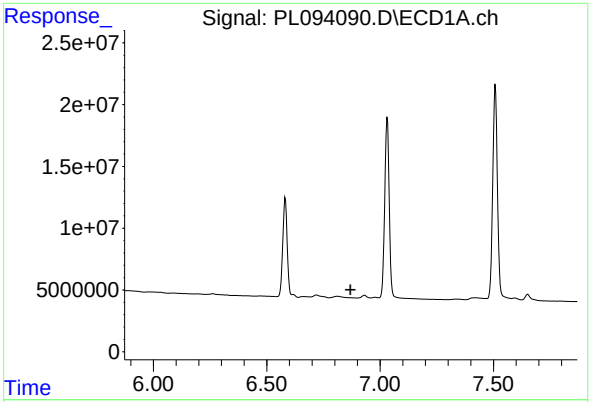
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.



#26 Chlordane-4

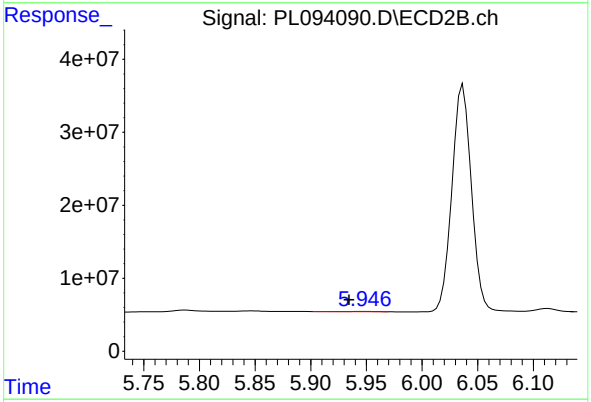
R.T.: 5.028 min
Delta R.T.: -0.012 min
Response: 1176465
Conc: 2.78 ng/ml



#27 Chlordane-5

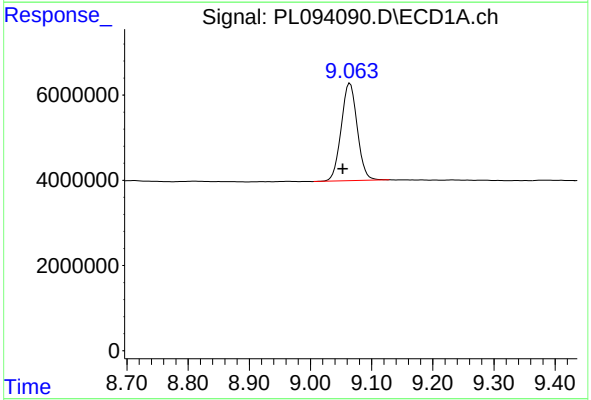
R.T.: 0.000 min
Exp R.T. : 6.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



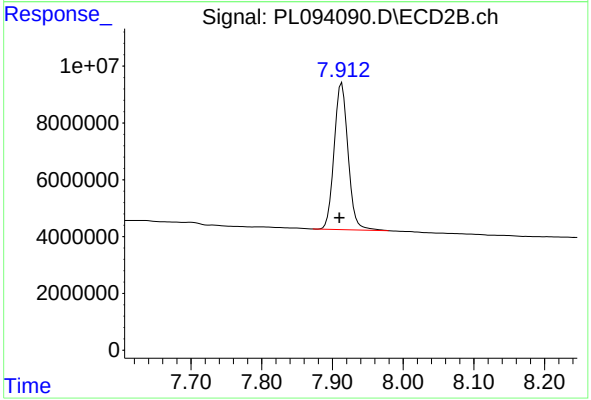
#27 Chlordane-5

R.T.: 5.947 min
Delta R.T.: 0.013 min
Response: 468849
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.012 min
Response: 41801923
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 70553196
Conc: 20.13 ng/ml