Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021325\
Data File : PL094165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 11:56
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 14 00:55:05 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...	3.539	2.773	57683293	69471432	21.422	21.283	
28)	SA Decachlor...	9.058	7.911	40893369	70880041	19.548	20.228	
	Target Compounds							
2)	A alpha-BHC	3.995	3.275	42838144	49499141	11.174	10.125	
3)	MA gamma-BHC...	4.329	3.606	40172722	46206365	10.908	9.746	
4)	MA Heptachlor	0.000	3.968f	0	37658	N.D.	0.008	#
5)	MB Aldrin	0.000	4.217	0	161353	N.D.	0.035	#
6)	B beta-BHC	4.527	3.906	18414005	22701986	11.456	11.366	
7)	B delta-BHC	0.000	4.133	0	250916	N.D.	0.053	#
8)	B Heptachlo...	0.000	4.729	0	161471	N.D.	0.039	#
10)	B gamma-Chl...	0.000	4.985	0	4297797	N.D.	1.014	#
11)	B alpha-Chl...	0.000	5.035	0	725218	N.D.	0.173	#
12)	B 4,4'-DDE	0.000	5.230	0	1181962	N.D.	0.295	#
13)	MA Dieldrin	0.000	5.358	0	166112	N.D.	0.039	#
14)	MA Endrin	6.576	5.636	105.1E6	176.9E6	44.837	47.919	
15)	B Endosulfa...	6.814f	5.944	3285081	1515480	1.363	0.409	#
16)	A 4,4'-DDD	6.711	5.784	13527280	16103683	7.118	5.102	#
17)	MA 4,4'-DDT	7.027	6.034	180.8E6	352.4E6	91.696	108.308	
18)	B Endrin al...	6.926	6.110	4232717	7425886	2.177	2.439	
19)	B Endosulfa...	0.000	6.317f	0	317771	N.D.	0.089	#
20)	A Methoxychlor	7.503	6.610	223.4E6	427.1E6	214.105	238.825	
21)	B Endrin ke...	7.646	6.838	10012312	17139433	3.969	4.085	
22)	Mirex	0.000	7.005	0	1264	N.D.	0.000	#
23)	Chlordane-1	0.000	3.763	0	18882	N.D.	0.151	#
24)	Chlordane-2	0.000	4.362	0	611765	N.D.	4.170	#
25)	Chlordane-3	0.000	4.985	0	4297797	N.D.	9.884	#
26)	Chlordane-4	0.000	5.035	0	725218	N.D.	1.712	#
27)	Chlordane-5	0.000	5.944	0	1515480	N.D.	9.895	#

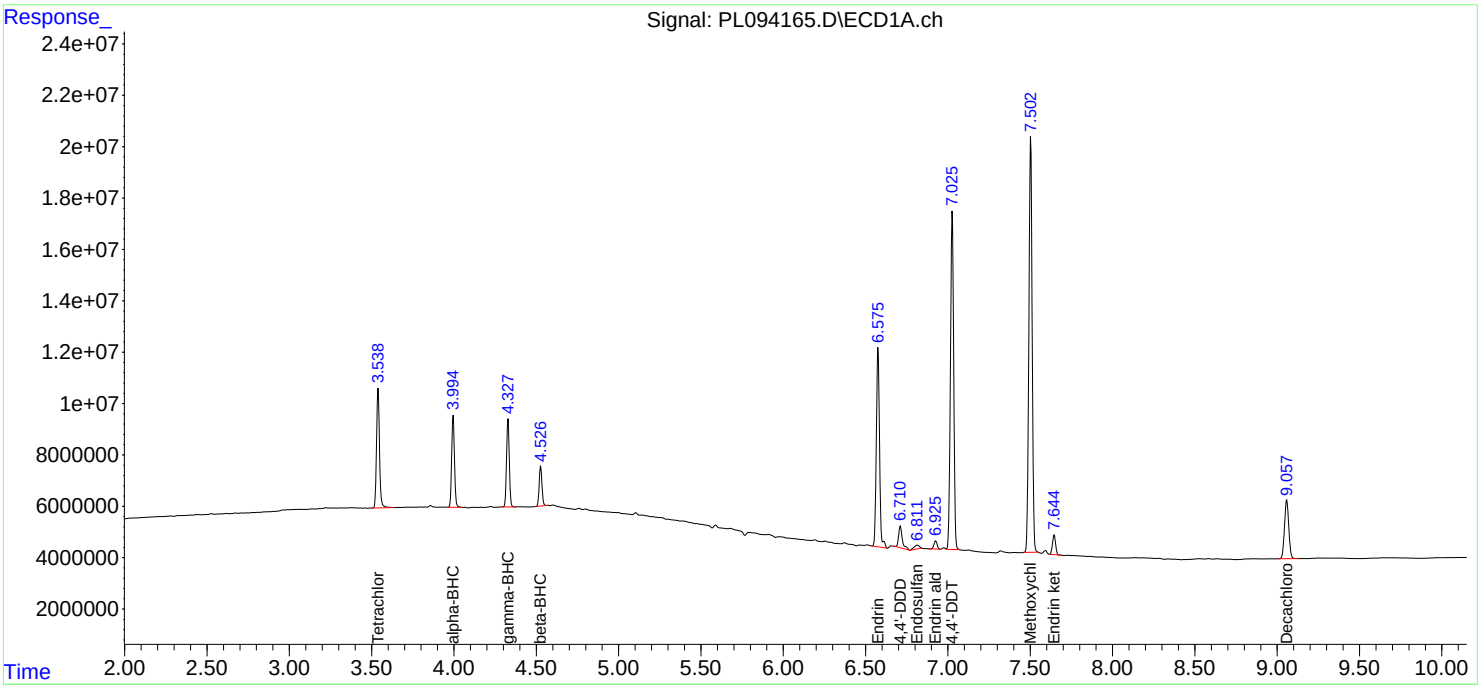
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

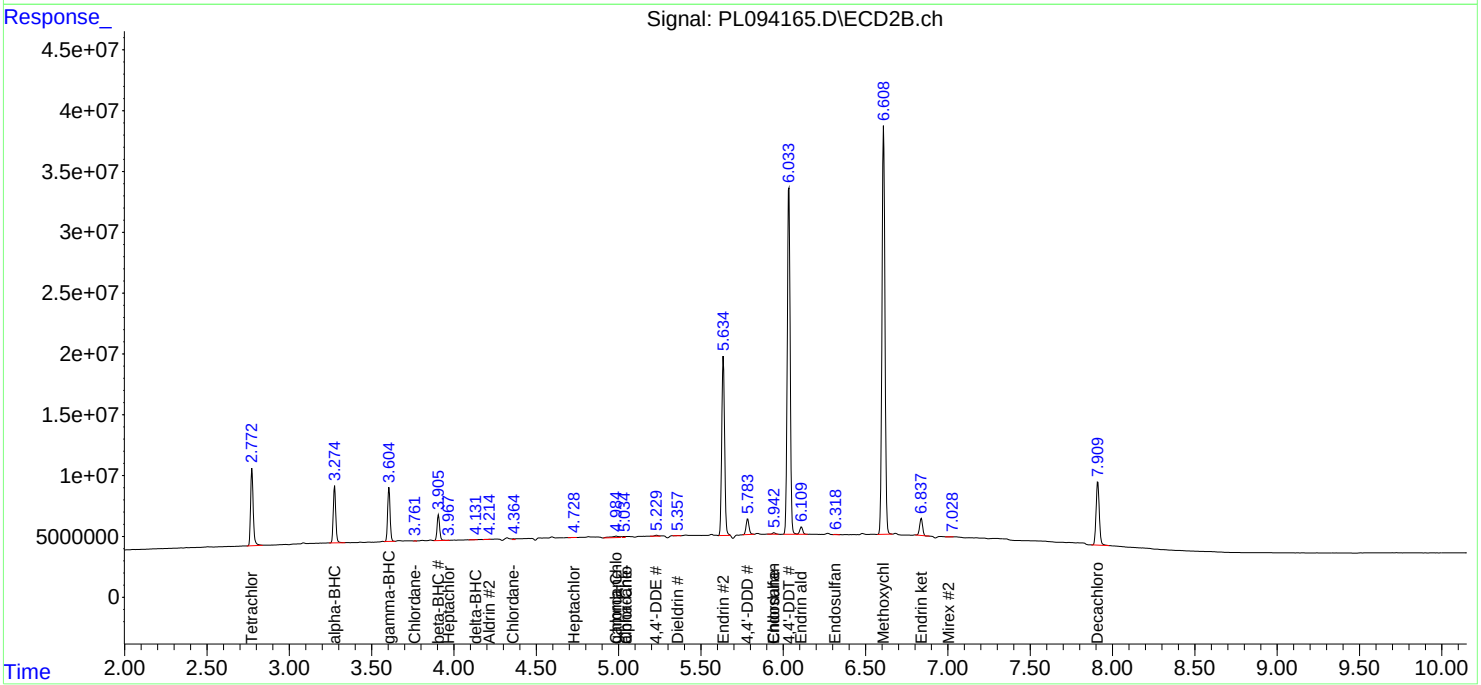
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021325\
Data File : PL094165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2025 11:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

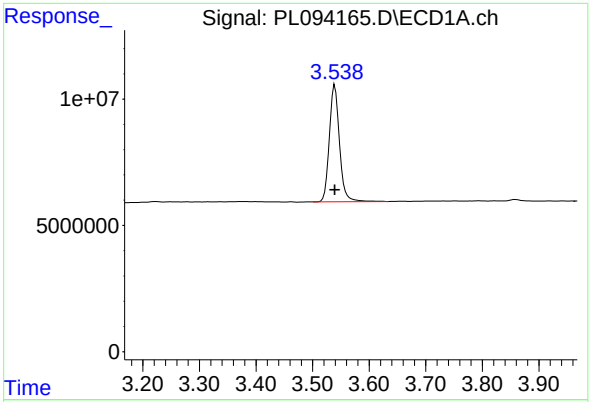
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 00:55:05 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



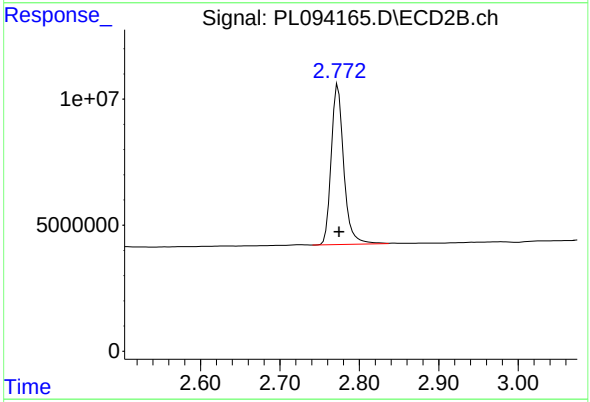




#1 Tetrachloro-m-xylene

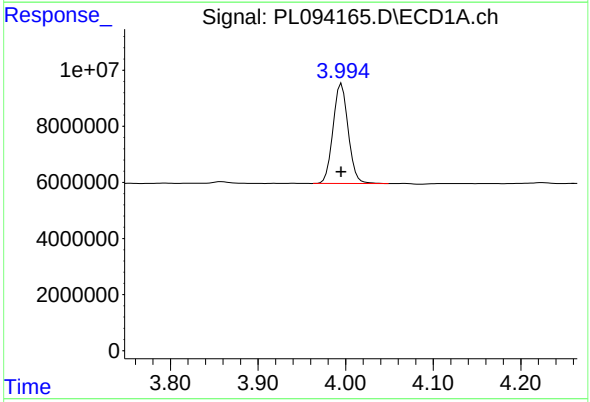
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 57683293
Conc: 21.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



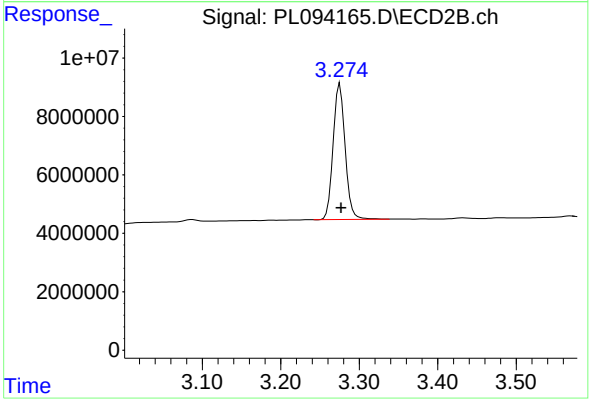
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 69471432
Conc: 21.28 ng/ml



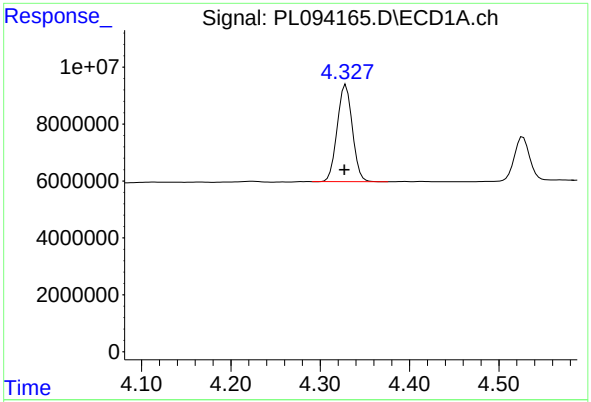
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42838144
Conc: 11.17 ng/ml



#2 alpha-BHC

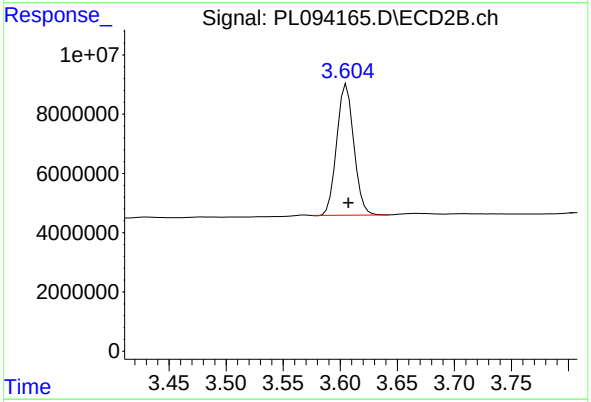
R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 49499141
Conc: 10.12 ng/ml



#3 gamma-BHC (Lindane)

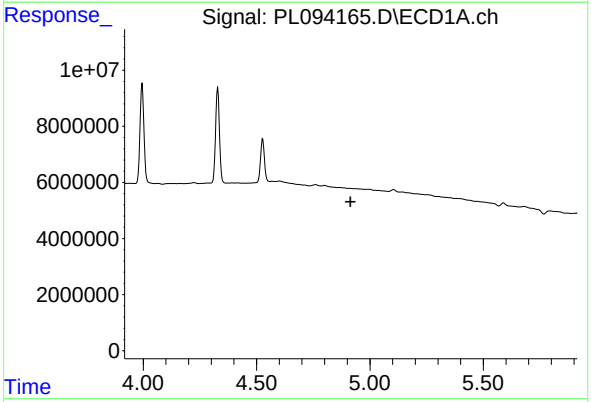
R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 40172722
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



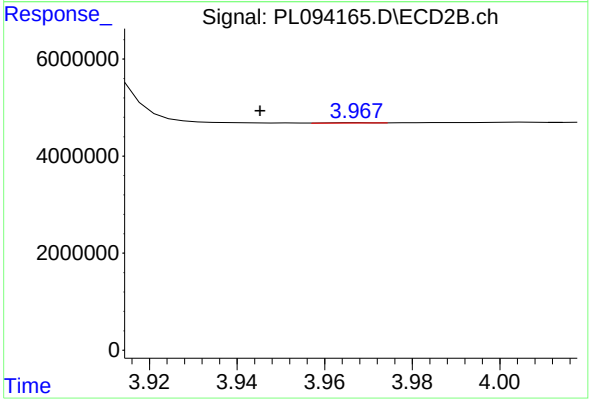
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 46206365
Conc: 9.75 ng/ml



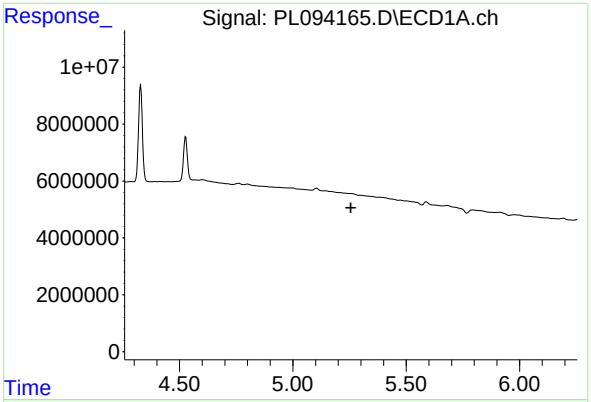
#4 Heptachlor

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



#4 Heptachlor

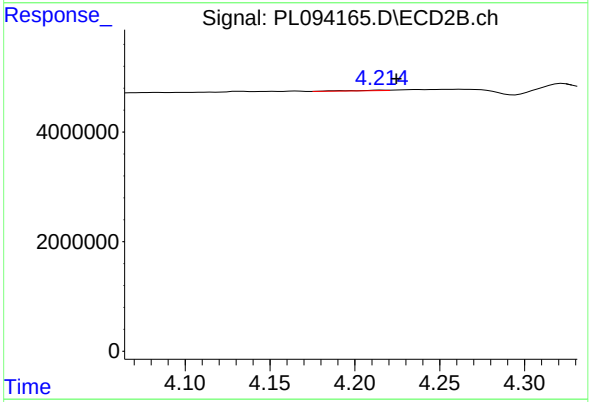
R.T.: 3.968 min
Delta R.T.: 0.023 min
Response: 37658
Conc: 0.01 ng/ml



#5 Aldrin

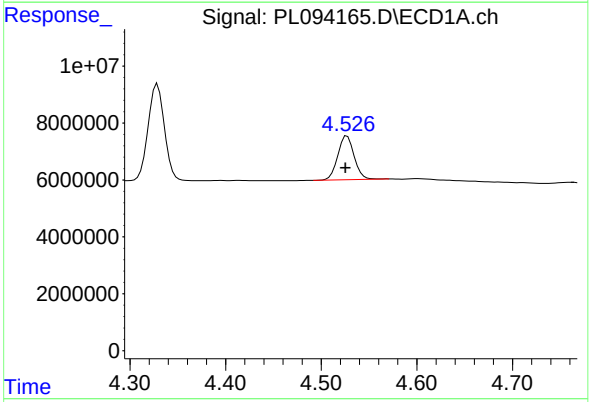
R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



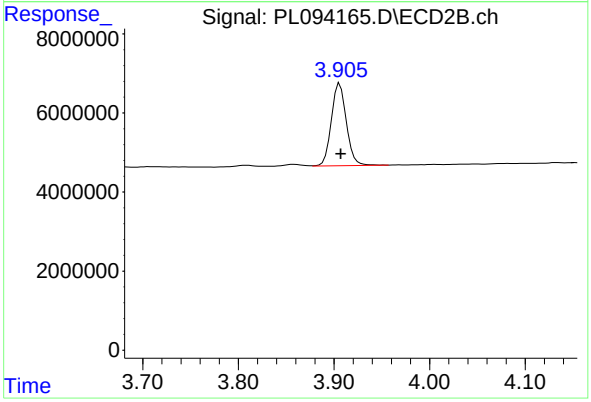
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.008 min
Response: 161353
Conc: 0.04 ng/ml



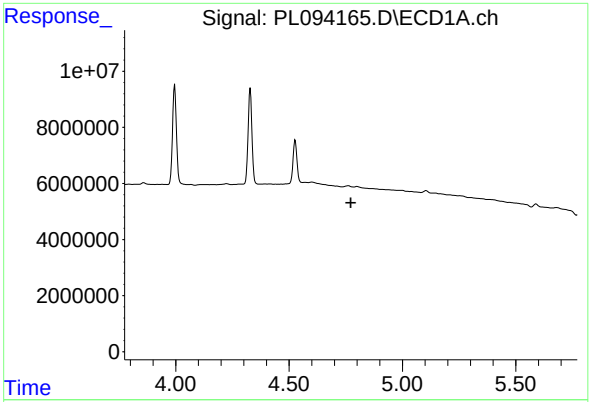
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 18414005
Conc: 11.46 ng/ml



#6 beta-BHC

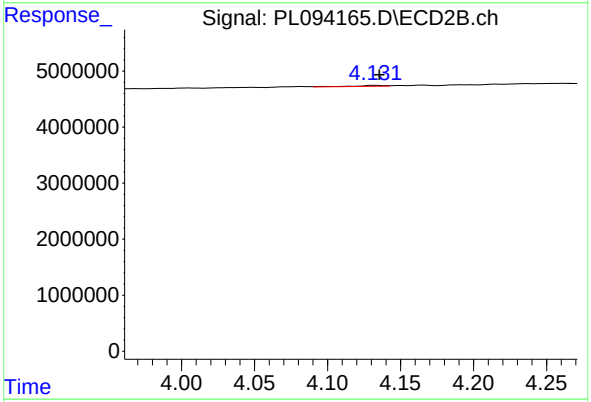
R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 22701986
Conc: 11.37 ng/ml



#7 delta-BHC

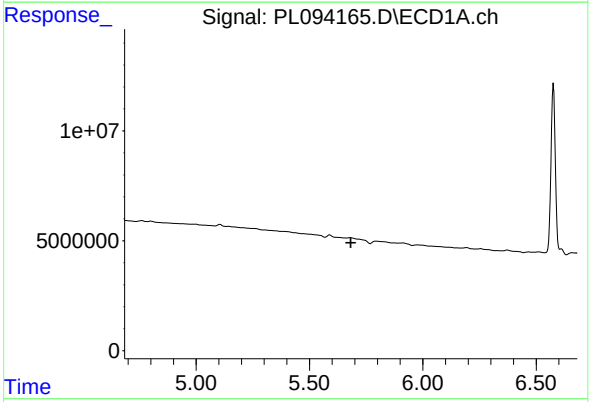
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



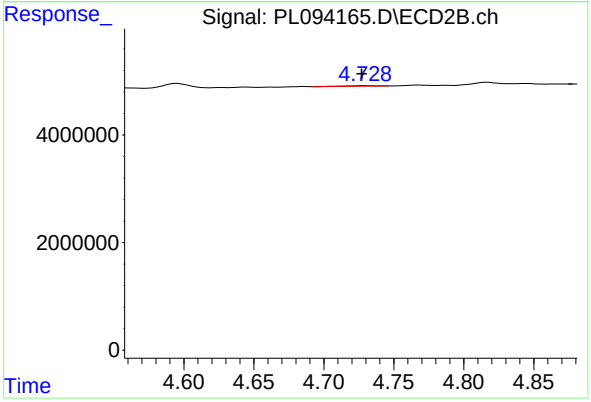
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 250916
Conc: 0.05 ng/ml



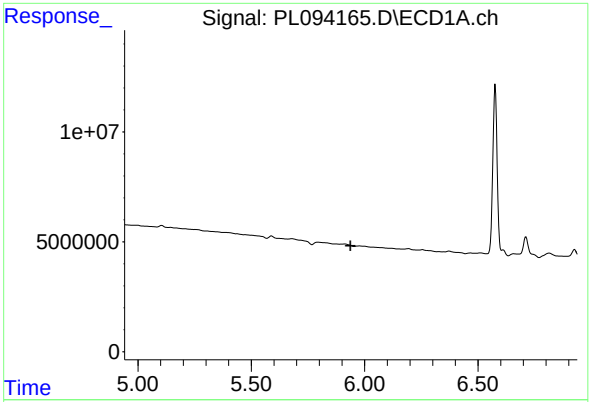
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

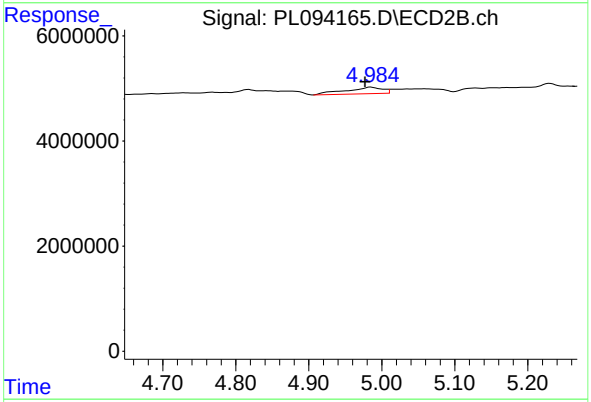
R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 161471
Conc: 0.04 ng/ml



#10 gamma-Chlordane

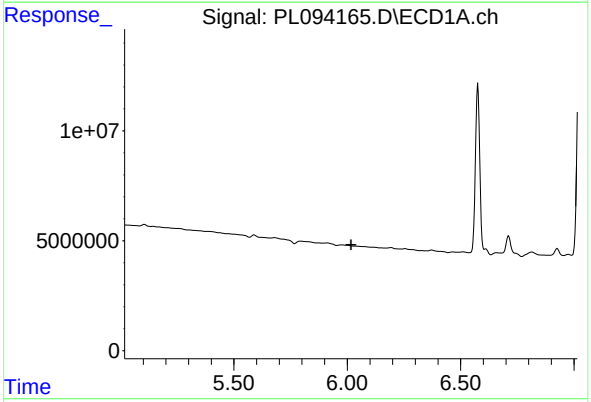
R.T.: 0.000 min
Exp R.T. : 5.938 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



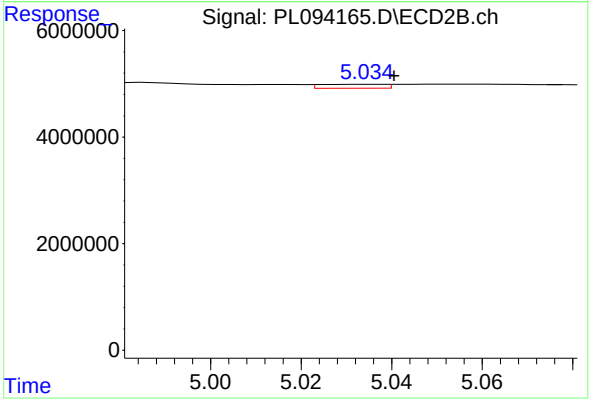
#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 4297797
Conc: 1.01 ng/ml



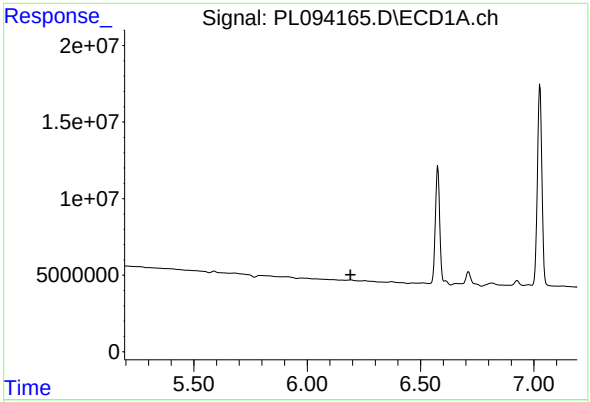
#11 alpha-Chlordane

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



#11 alpha-Chlordane

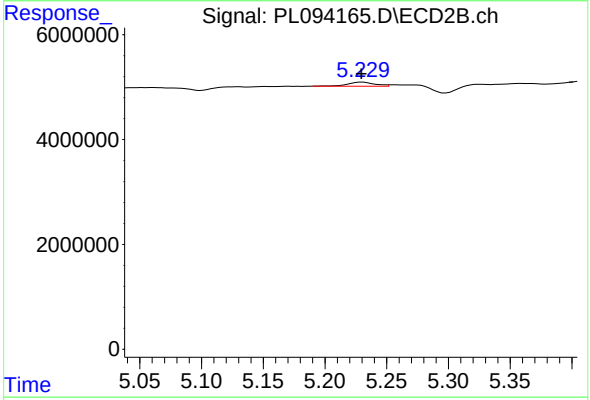
R.T.: 5.035 min
Delta R.T.: -0.005 min
Response: 725218
Conc: 0.17 ng/ml



#12 4,4'-DDE

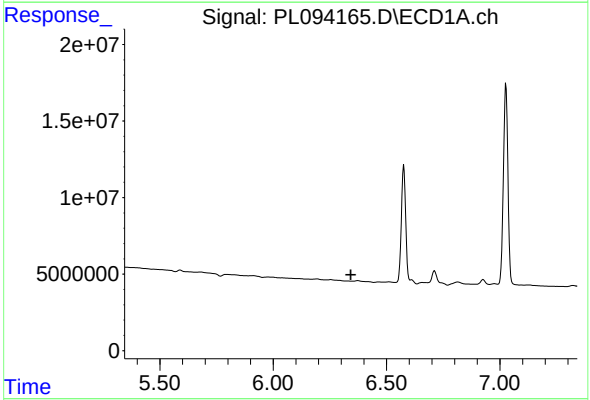
R.T.: 0.000 min
Exp R.T. : 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



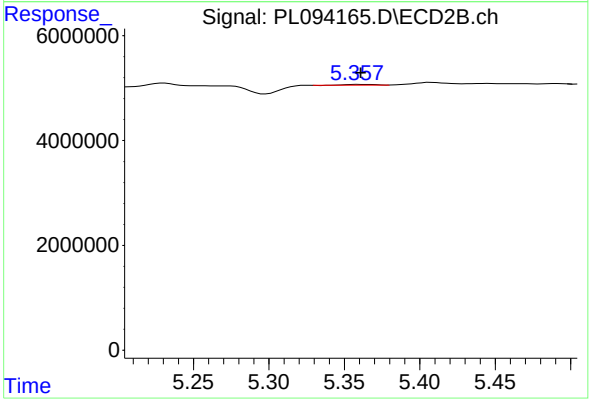
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 1181962
Conc: 0.29 ng/ml



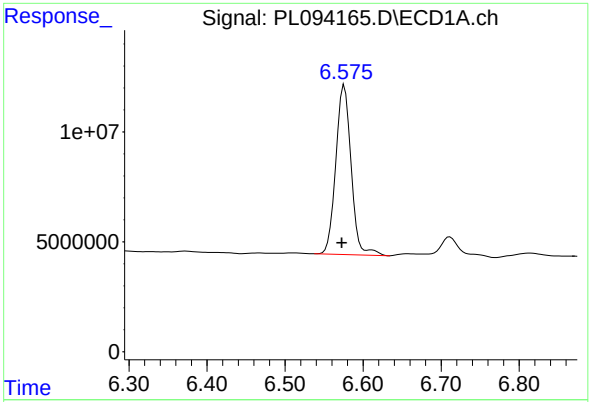
#13 Dieldrin

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



#13 Dieldrin

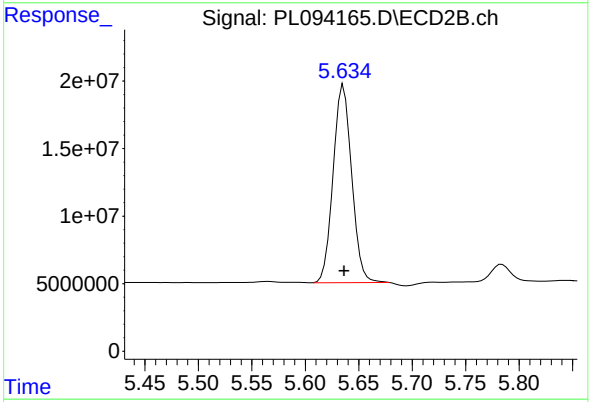
R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 166112
Conc: 0.04 ng/ml



#14 Endrin

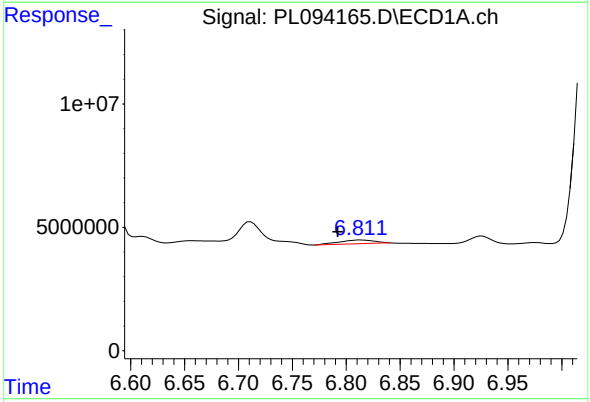
R.T.: 6.576 min
Delta R.T.: 0.004 min
Response: 105134811
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



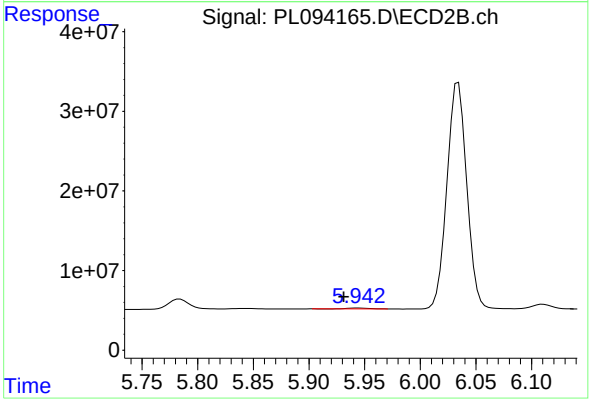
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 176947929
Conc: 47.92 ng/ml



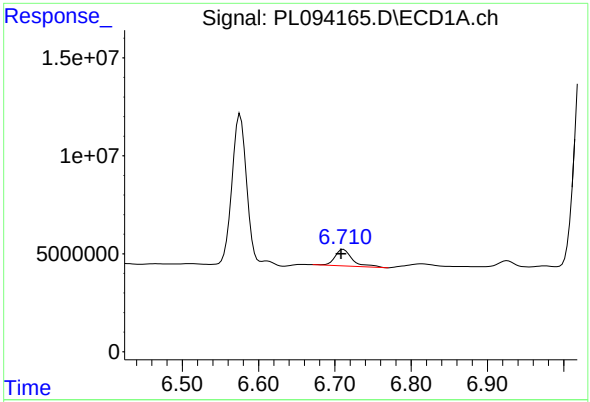
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: 0.022 min
Response: 3285081
Conc: 1.36 ng/ml



#15 Endosulfan II

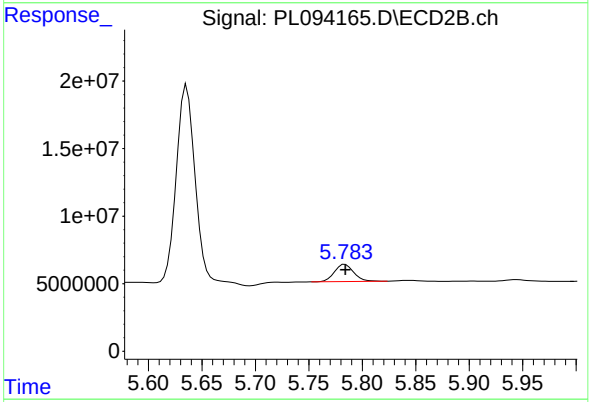
R.T.: 5.944 min
Delta R.T.: 0.013 min
Response: 1515480
Conc: 0.41 ng/ml



#16 4,4'-DDD

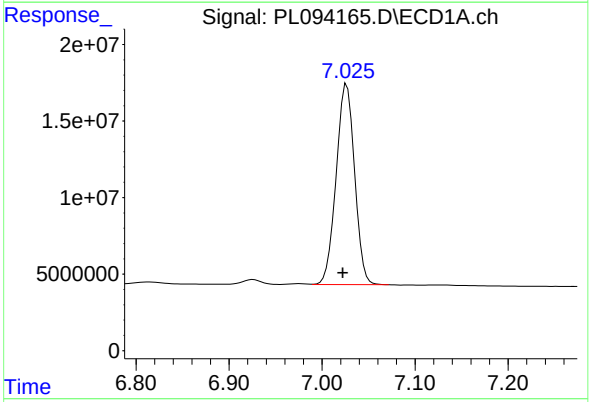
R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 13527280
Conc: 7.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



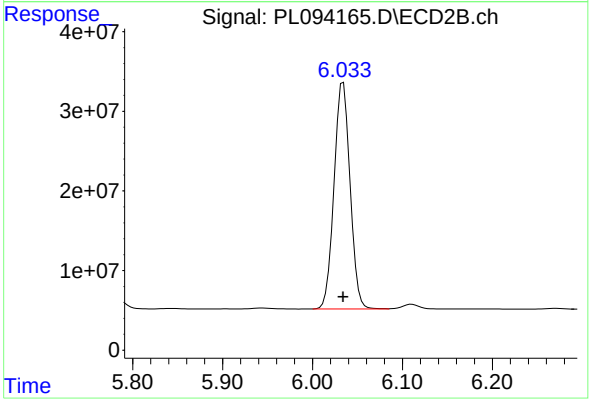
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 16103683
Conc: 5.10 ng/ml



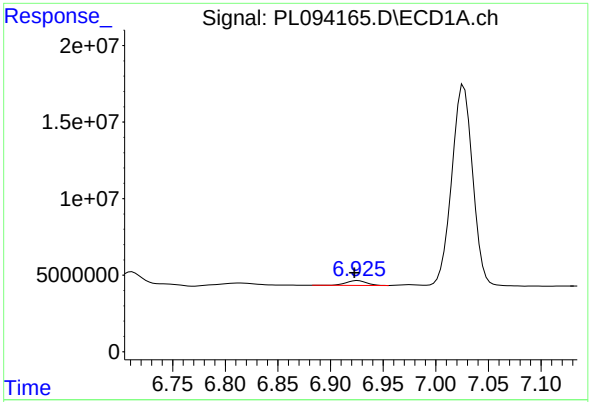
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 180829394
Conc: 91.70 ng/ml



#17 4,4'-DDT

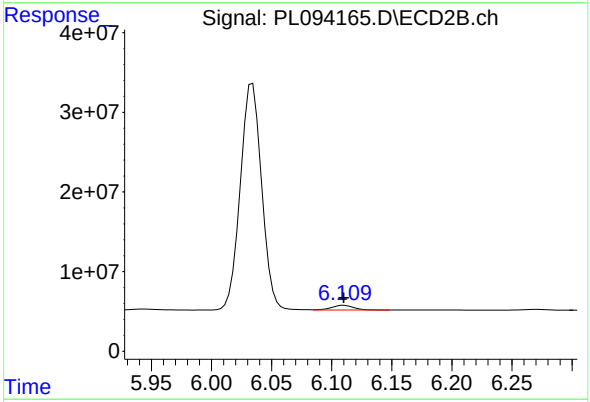
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 352437668
Conc: 108.31 ng/ml



#18 Endrin aldehyde

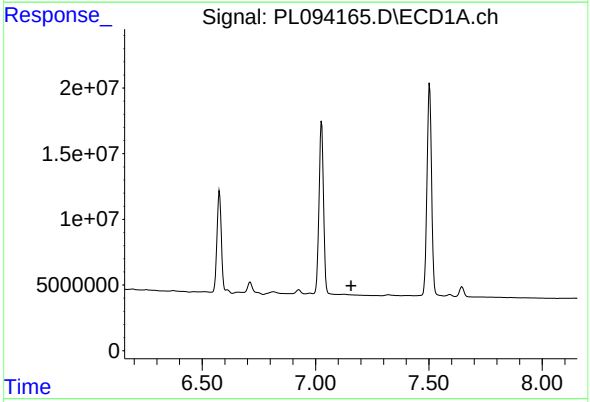
R.T.: 6.926 min
Delta R.T.: 0.003 min
Response: 4232717
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



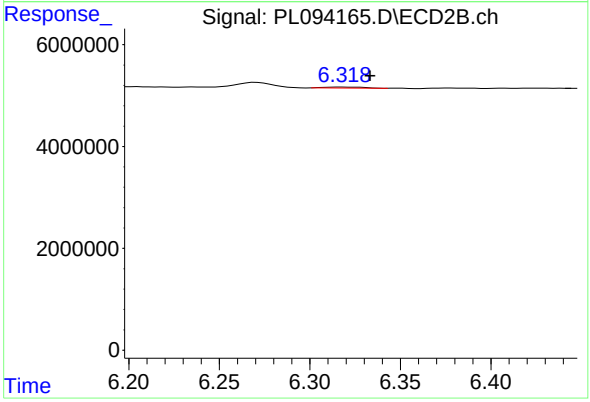
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 7425886
Conc: 2.44 ng/ml



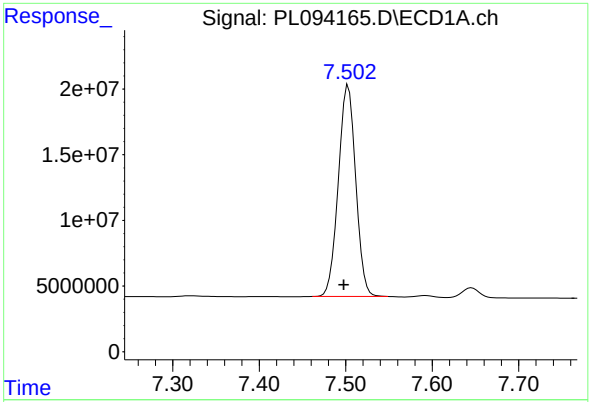
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.157 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

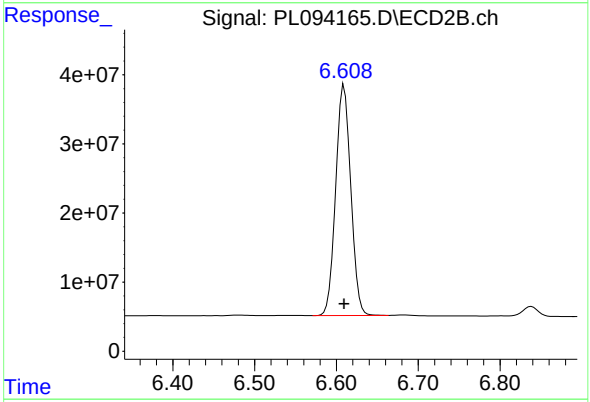
R.T.: 6.317 min
Delta R.T.: -0.017 min
Response: 317771
Conc: 0.09 ng/ml



#20 Methoxychlor

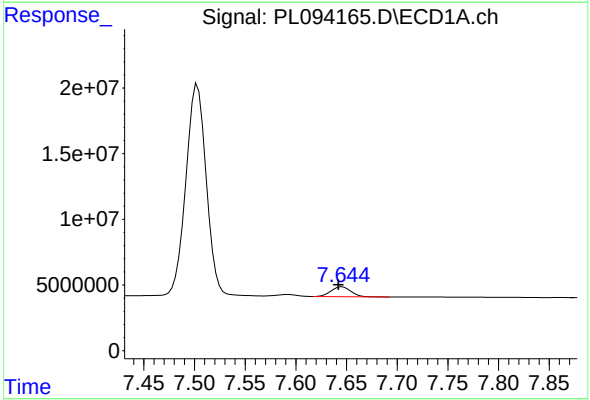
R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 223396495
Conc: 214.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



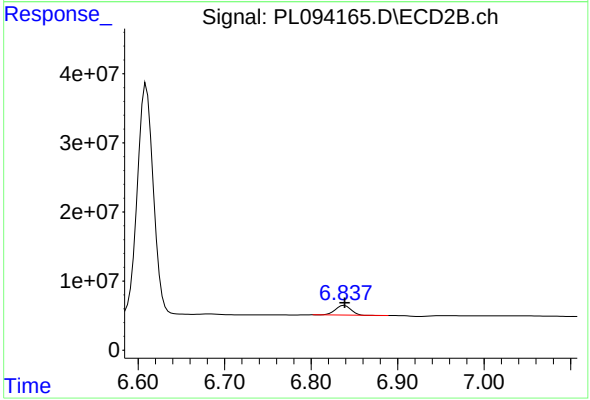
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 427050937
Conc: 238.82 ng/ml



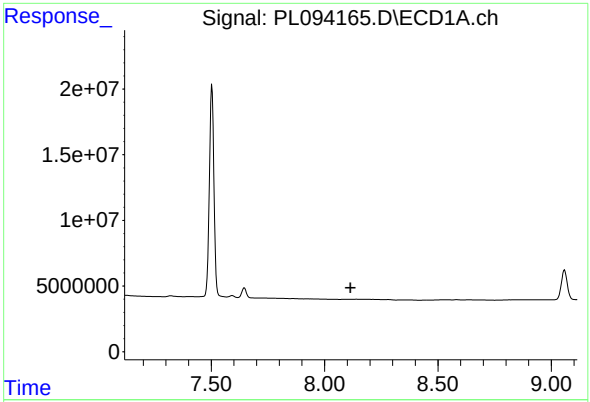
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 10012312
Conc: 3.97 ng/ml



#21 Endrin ketone

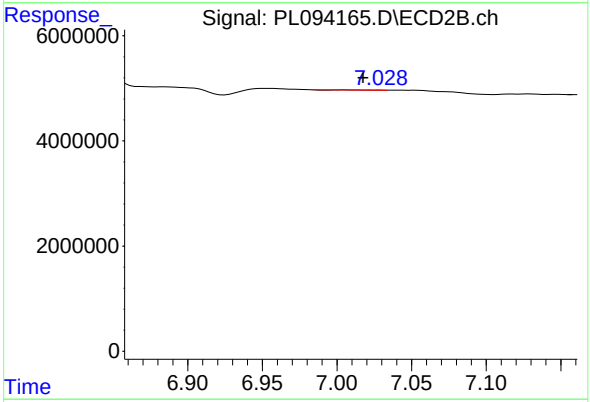
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 17139433
Conc: 4.09 ng/ml



#22 Mirex

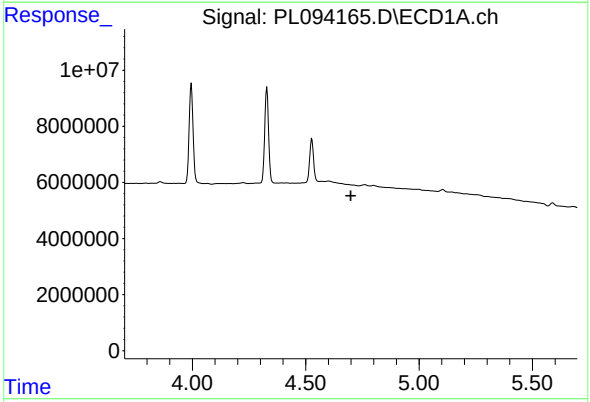
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



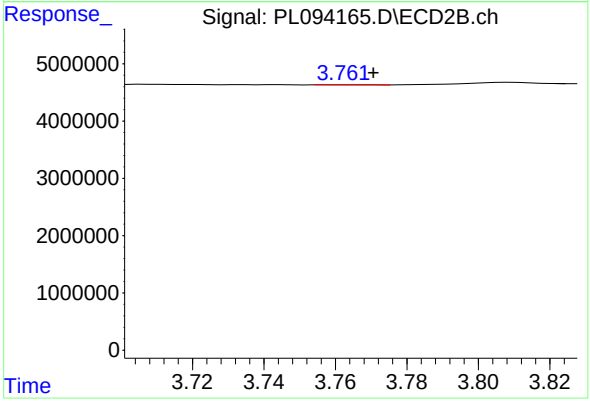
#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.013 min
Response: 1264
Conc: 0.00 ng/ml



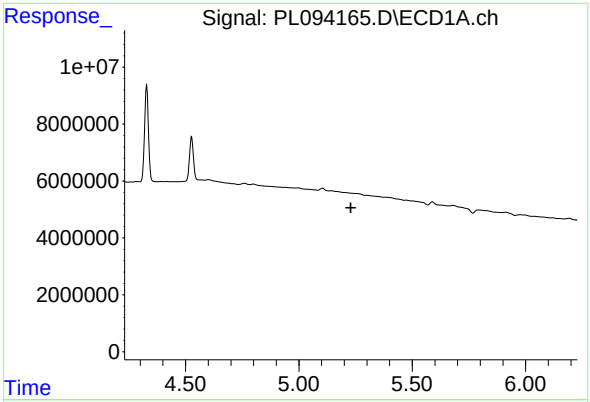
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



#23 Chlordane-1

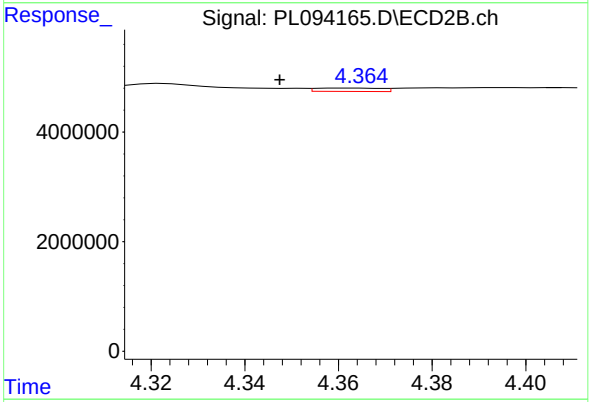
R.T.: 3.763 min
Delta R.T.: -0.008 min
Response: 18882
Conc: 0.15 ng/ml



#24 Chlordane-2

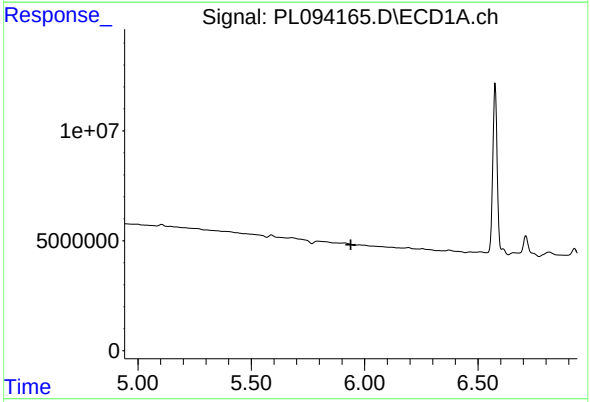
R.T.: 0.000 min
Exp R.T. : 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



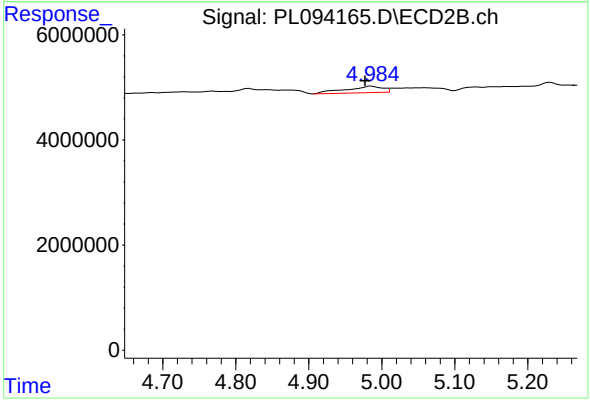
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.014 min
Response: 611765
Conc: 4.17 ng/ml



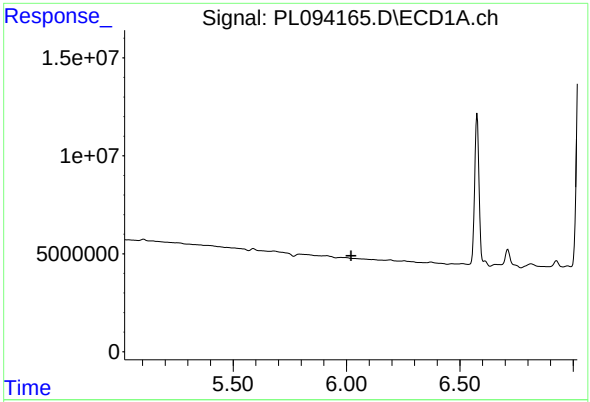
#25 Chlordane-3

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



#25 Chlordane-3

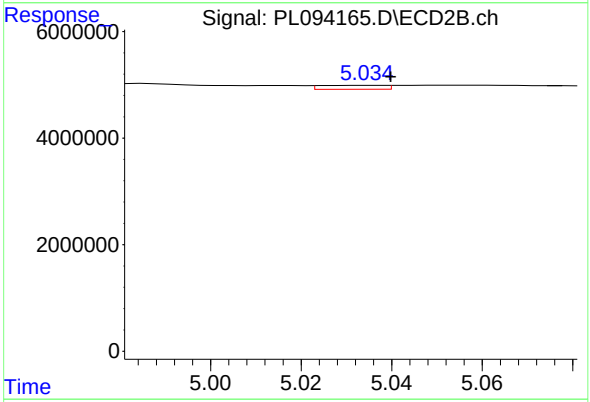
R.T.: 4.985 min
Delta R.T.: 0.008 min
Response: 4297797
Conc: 9.88 ng/ml



#26 Chlordane-4

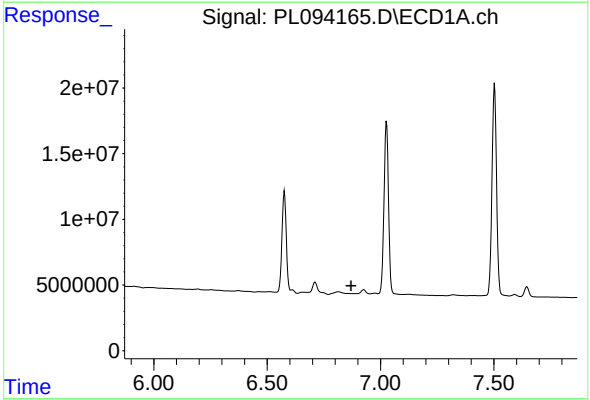
R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



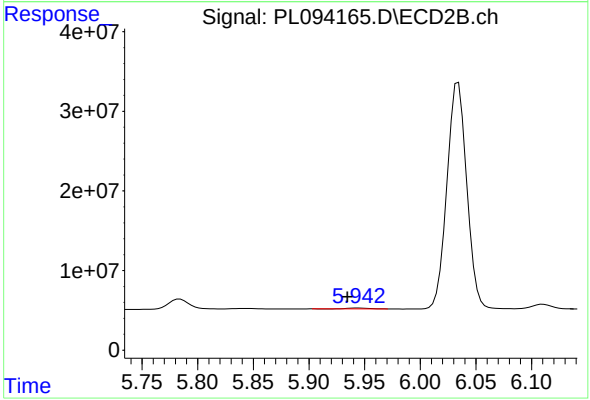
#26 Chlordane-4

R.T.: 5.035 min
Delta R.T.: -0.005 min
Response: 725218
Conc: 1.71 ng/ml



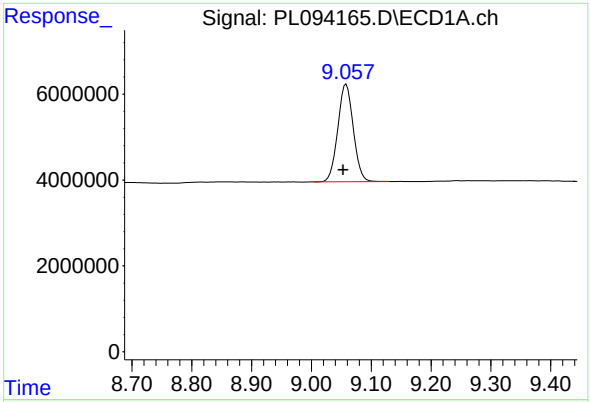
#27 Chlordane-5

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



#27 Chlordane-5

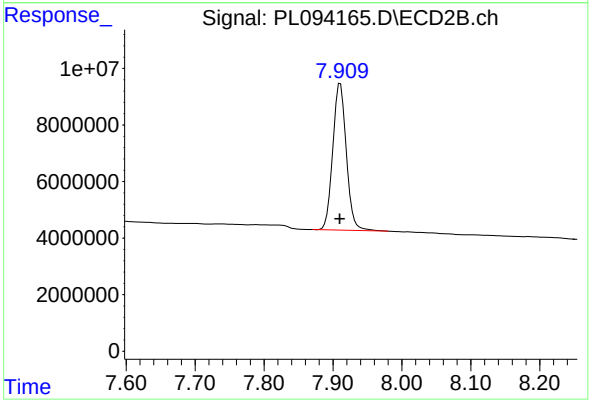
R.T.: 5.944 min
Delta R.T.: 0.009 min
Response: 1515480
Conc: 9.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.005 min
Response: 40893369
Conc: 19.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 70880041
Conc: 20.23 ng/ml