Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030525\
Data File : PL094498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 09:12
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: Mar 06 00:51:07 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...	3.538	2.771	63758501	76993222	25.111	24.127	
28)	SA Decachlor...	9.054	7.905	50220641	87796020	23.608	22.830	
	Target Compounds							
2)	A alpha-BHC	3.994	3.274	48509073	55847793	12.824	11.363	
3)	MA gamma-BHC...	4.326	3.604	46379567	52153216	12.553	11.073	
4)	MA Heptachlor	0.000	3.964f	0	82996	N.D.	0.018	#
5)	MB Aldrin	0.000	4.237f	0	344511	N.D.	0.075	#
6)	B beta-BHC	4.525	3.904	20970855	25874551	13.132	13.009	
7)	B delta-BHC	0.000	4.142	0	118030	N.D.	0.025	#
8)	B Heptachlo...	0.000	4.728	0	151073	N.D.	0.036	#
10)	B gamma-Chl...	0.000	4.986	0	1432566	N.D.	0.330	#
11)	B alpha-Chl...	0.000	5.020	0	343720	N.D.	0.080	#
12)	B 4,4'-DDE	0.000	5.228	0	719818	N.D.	0.171	#
13)	MA Dieldrin	0.000	5.360	0	99985	N.D.	0.023	#
14)	MA Endrin	6.574	5.633	133.1E6	214.0E6	52.139	62.861	
15)	B Endosulfa...	0.000	5.942f	0	1157764	N.D.	0.310	#
16)	A 4,4'-DDD	6.710	5.782	3808740	5559854	2.059	1.745	
17)	MA 4,4'-DDT	7.024	6.031	236.5E6	454.4E6	112.614	127.737	
18)	B Endrin al...	6.923	6.107	4401821	9474848	2.261	2.998	#
19)	B Endosulfa...	0.000	6.316	0	1107487	N.D.	0.300	#
20)	A Methoxychlor	7.501	6.606	284.5E6	543.7E6	256.108	278.661	
21)	B Endrin ke...	7.643	6.835	7641366	14155392	3.048	3.317	
22)	Mirex	0.000	6.991f	0	131180	N.D.	0.038	#
23)	Chlordane-1	0.000	3.771	0	16072	N.D.	0.118	#
24)	Chlordane-2	0.000	4.363f	0	1066003	N.D.	6.761	#
25)	Chlordane-3	0.000	4.986	0	1432566	N.D.	3.015	#
26)	Chlordane-4	0.000	5.020	0	343720	N.D.	0.731	#
27)	Chlordane-5	0.000	5.942	0	1157764	N.D.	7.071	#

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

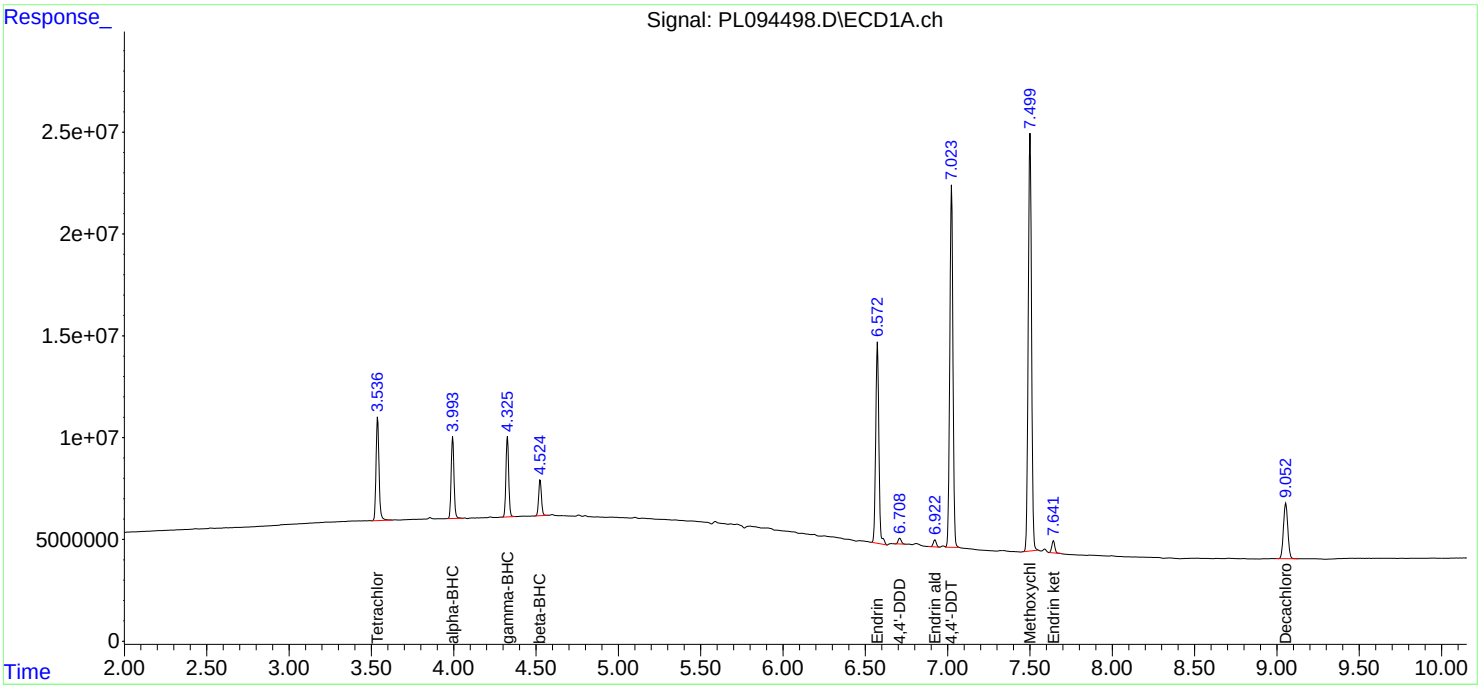
Quantitation Report (Not Reviewed)

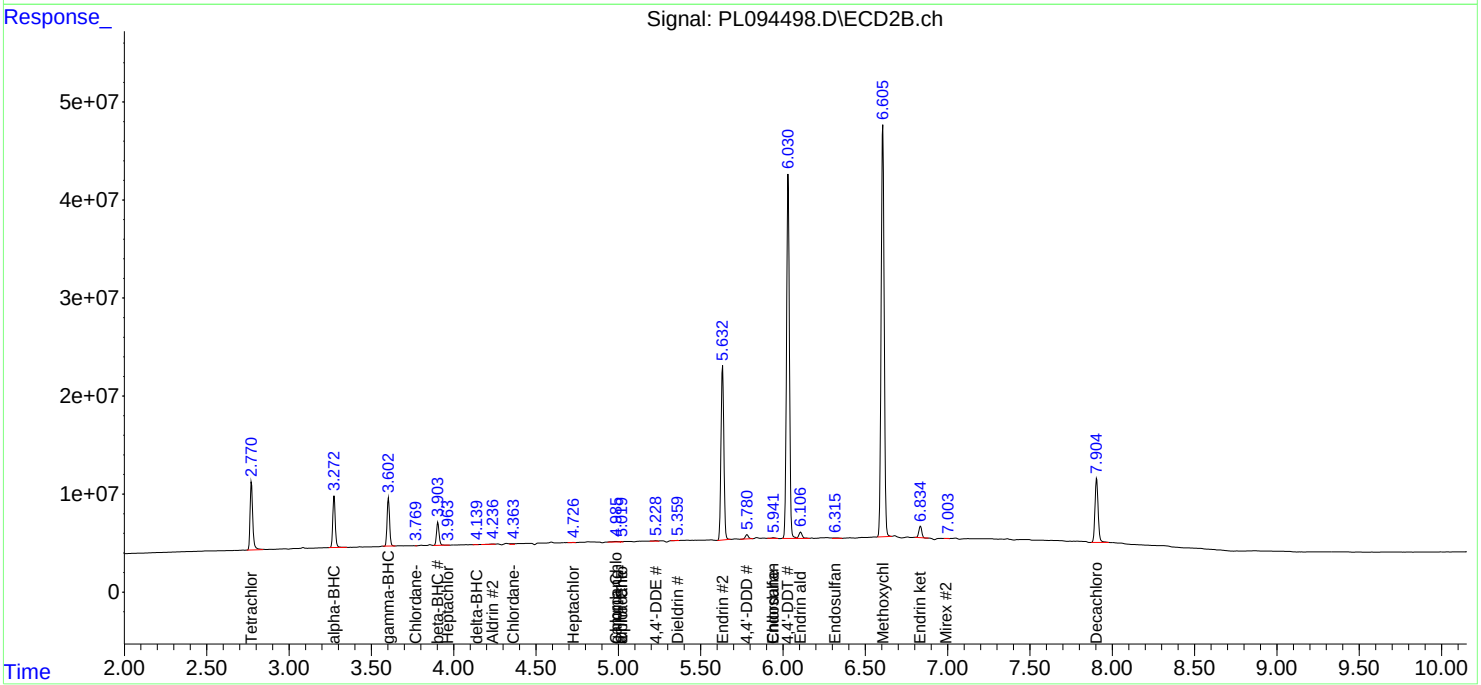
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030525\
Data File : PL094498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 09:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

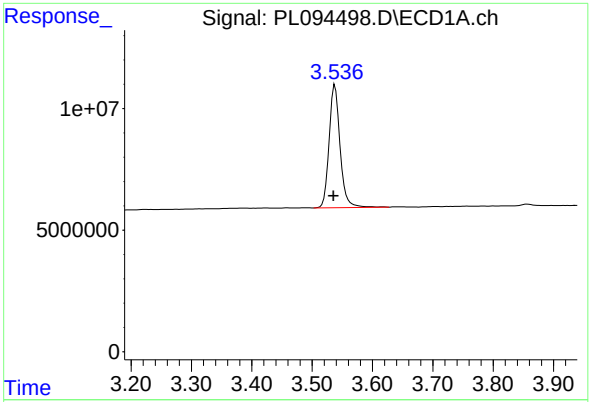
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:51:07 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



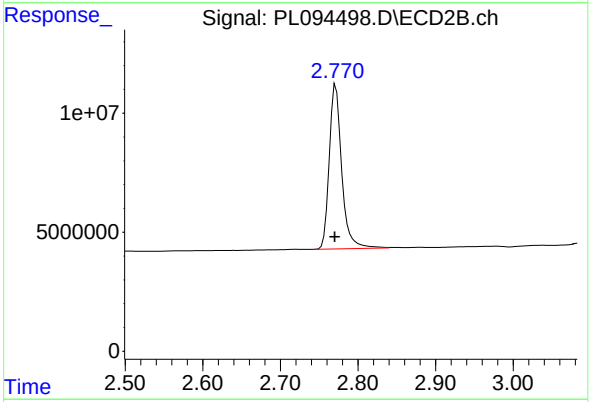




#1 Tetrachloro-m-xylene

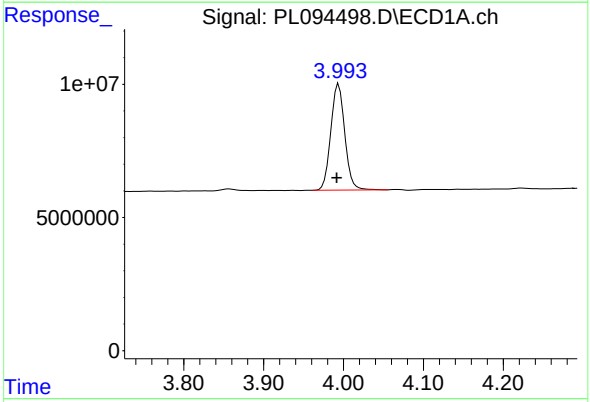
R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 63758501
Conc: 25.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



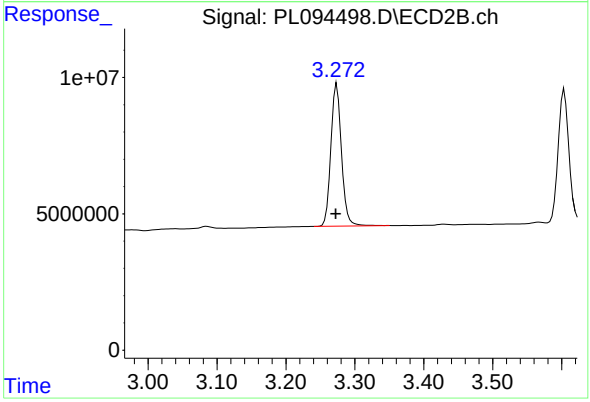
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 76993222
Conc: 24.13 ng/ml



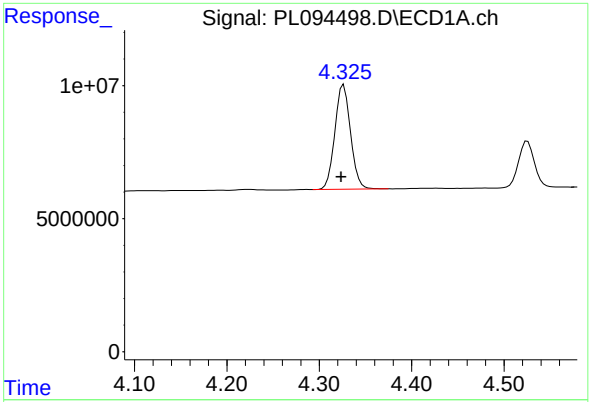
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 48509073
Conc: 12.82 ng/ml



#2 alpha-BHC

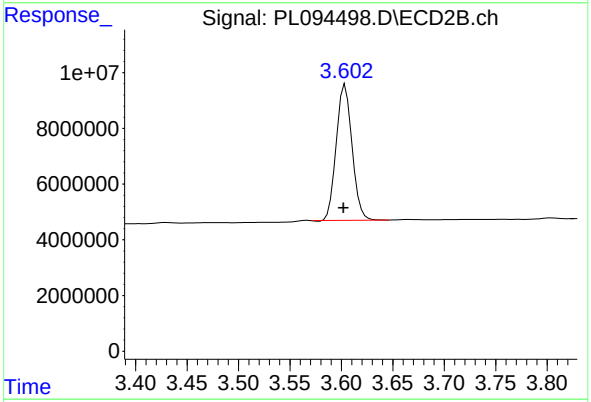
R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 55847793
Conc: 11.36 ng/ml



#3 gamma-BHC (Lindane)

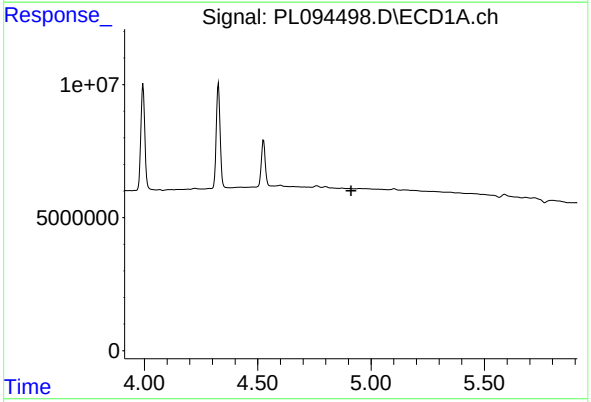
R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 46379567
Conc: 12.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



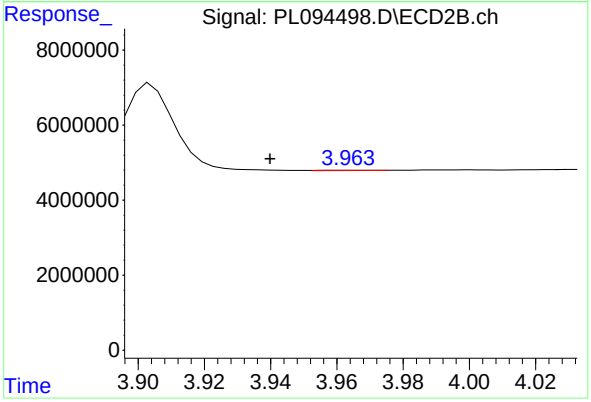
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 52153216
Conc: 11.07 ng/ml



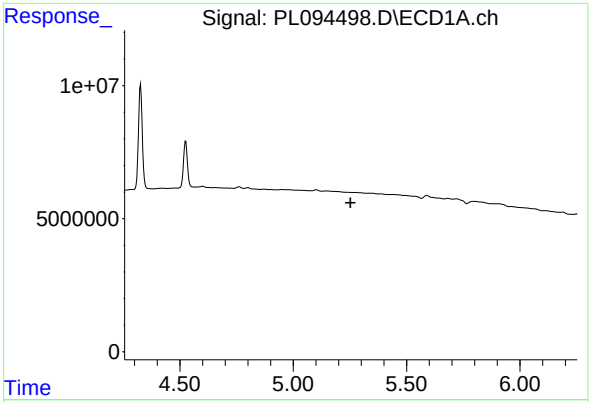
#4 Heptachlor

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



#4 Heptachlor

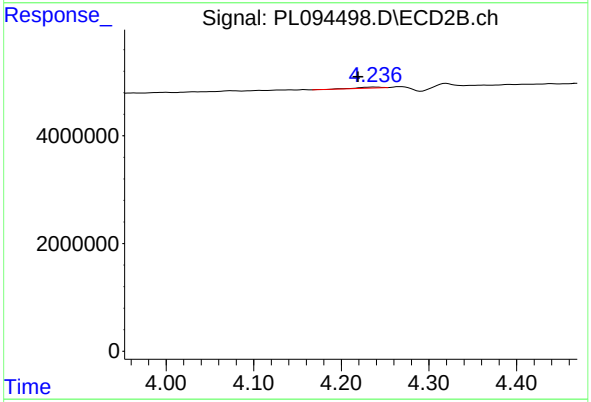
R.T.: 3.964 min
Delta R.T.: 0.024 min
Response: 82996
Conc: 0.02 ng/ml



#5 Aldrin

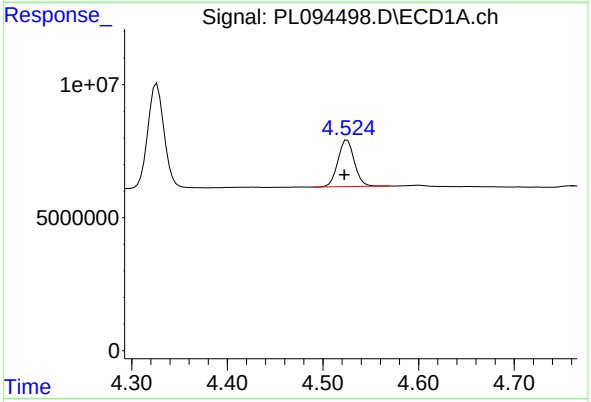
R.T.: 0.000 min
Exp R.T. : 5.253 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



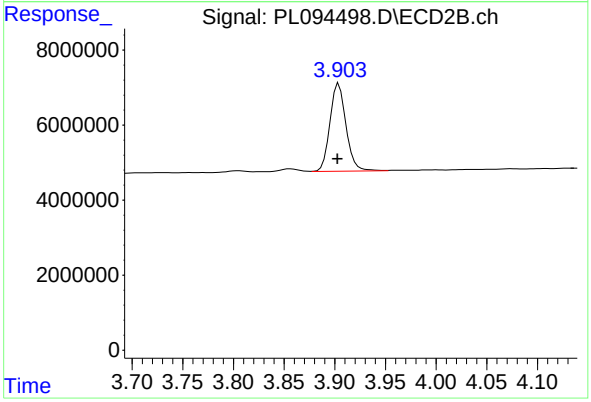
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: 0.018 min
Response: 344511
Conc: 0.07 ng/ml



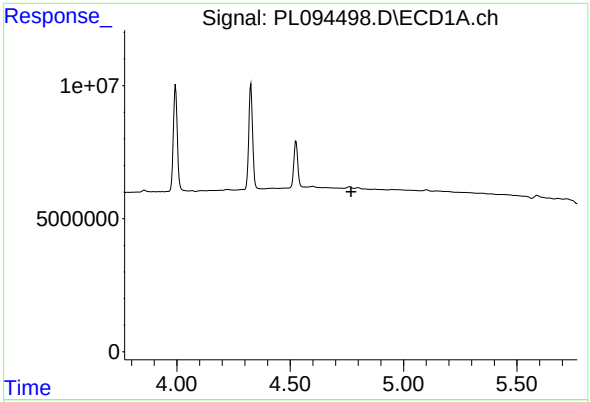
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 20970855
Conc: 13.13 ng/ml



#6 beta-BHC

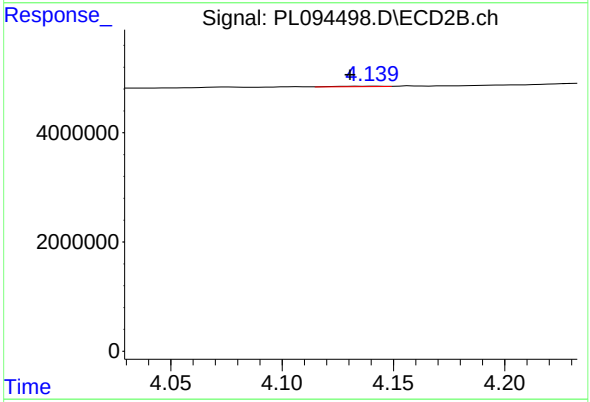
R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 25874551
Conc: 13.01 ng/ml



#7 delta-BHC

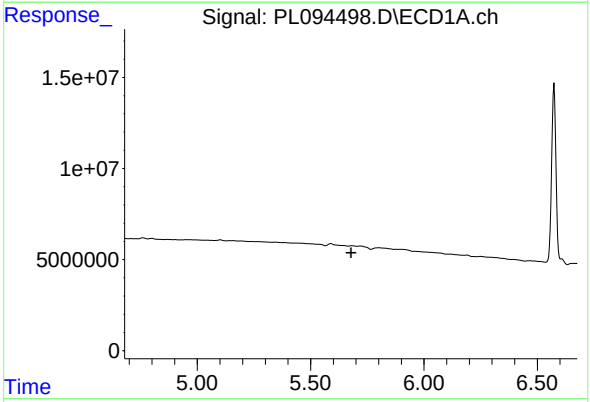
R.T.: 0.000 min
Exp R.T. : 4.769 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



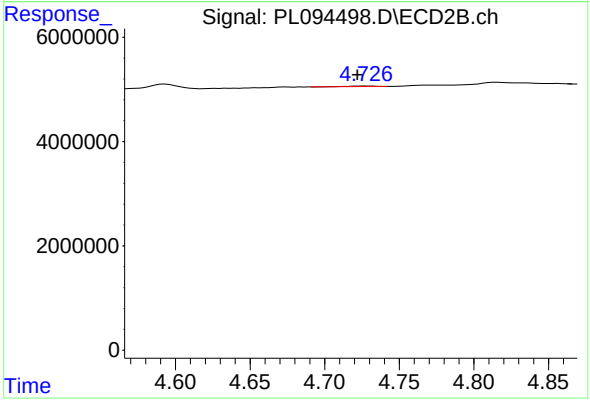
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: 0.012 min
Response: 118030
Conc: 0.02 ng/ml



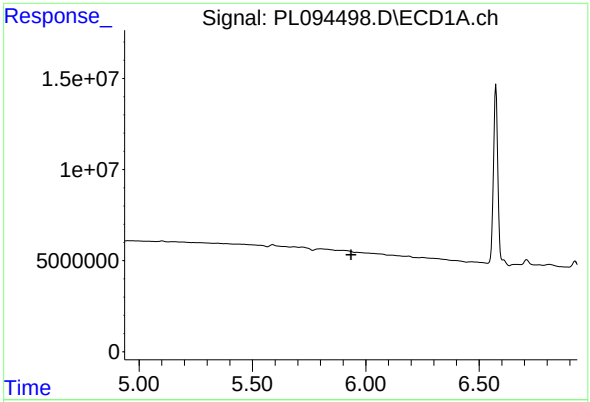
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

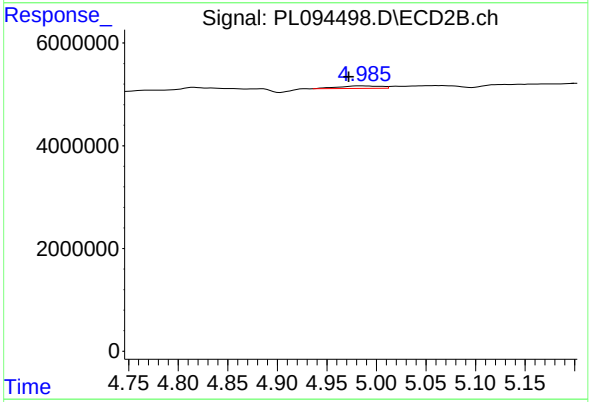
R.T.: 4.728 min
Delta R.T.: 0.006 min
Response: 151073
Conc: 0.04 ng/ml



#10 gamma-Chlordane

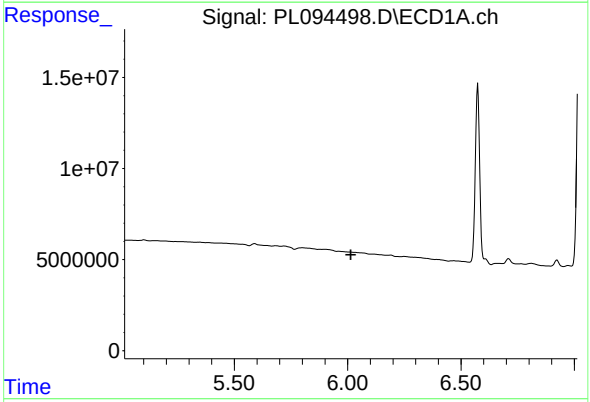
R.T.: 0.000 min
Exp R.T. : 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



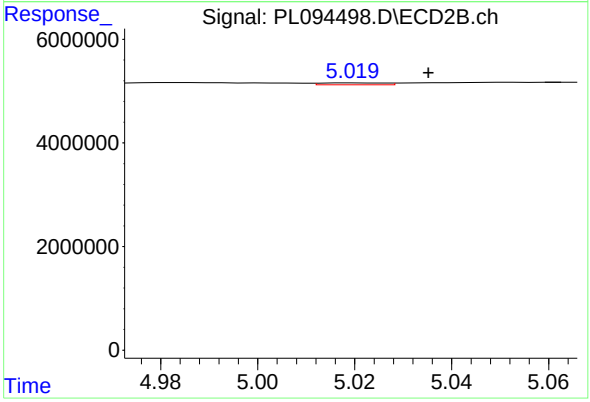
#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: 0.014 min
Response: 1432566
Conc: 0.33 ng/ml



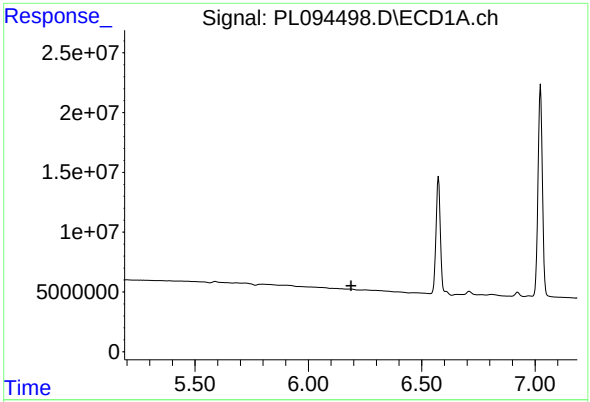
#11 alpha-Chlordane

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



#11 alpha-Chlordane

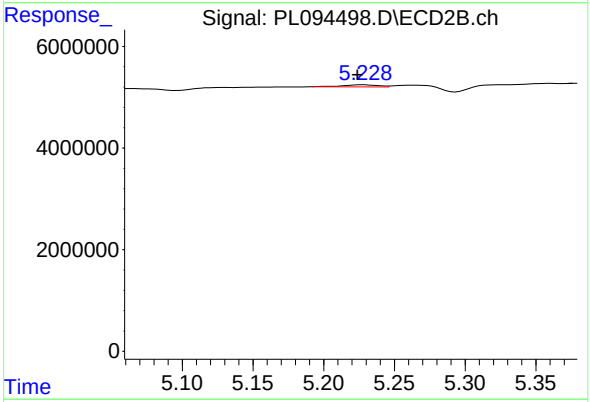
R.T.: 5.020 min
Delta R.T.: -0.015 min
Response: 343720
Conc: 0.08 ng/ml



#12 4,4'-DDE

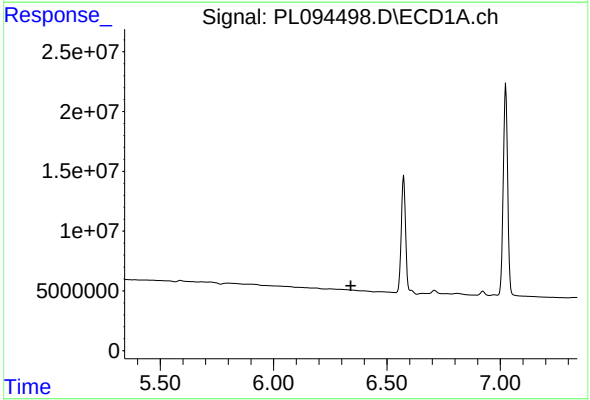
R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



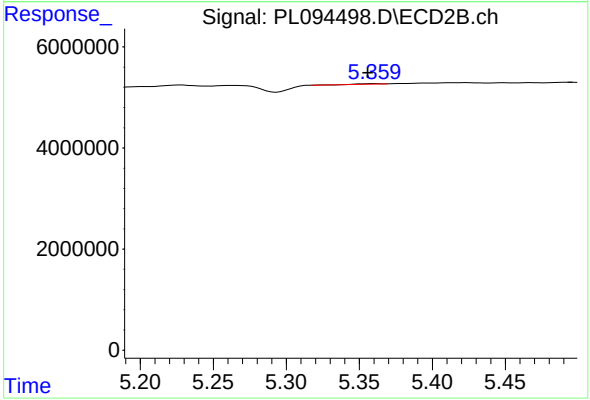
#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.004 min
Response: 719818
Conc: 0.17 ng/ml



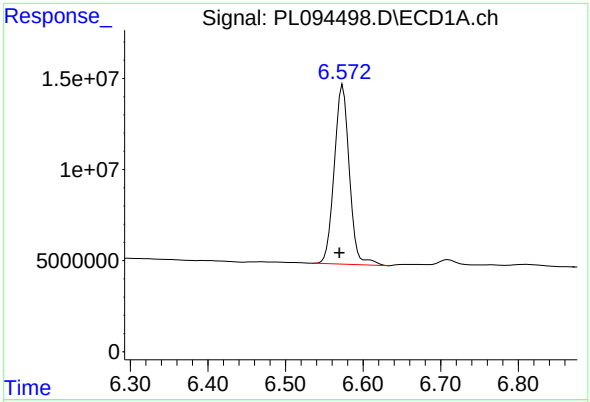
#13 Dieldrin

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



#13 Dieldrin

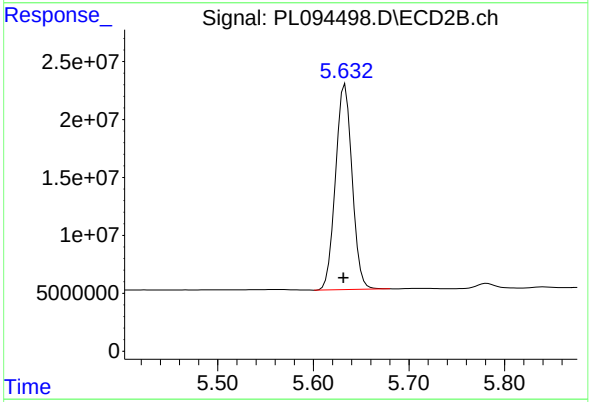
R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 99985
Conc: 0.02 ng/ml



#14 Endrin

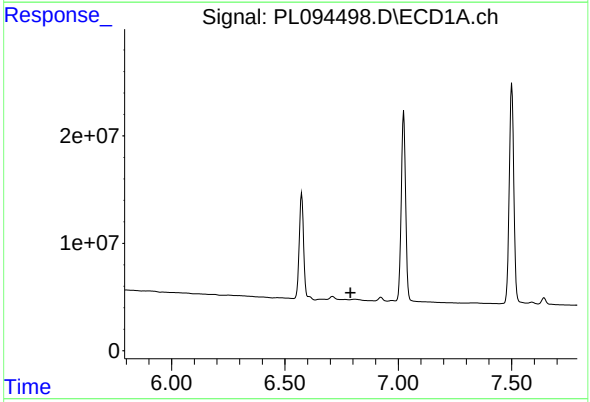
R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 133072617
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



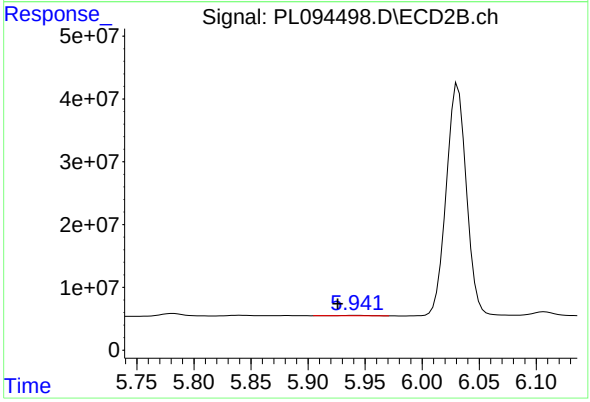
#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 214023203
Conc: 62.86 ng/ml



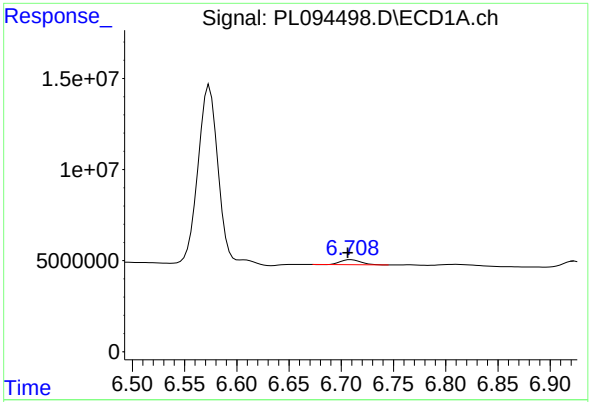
#15 Endosulfan II

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



#15 Endosulfan II

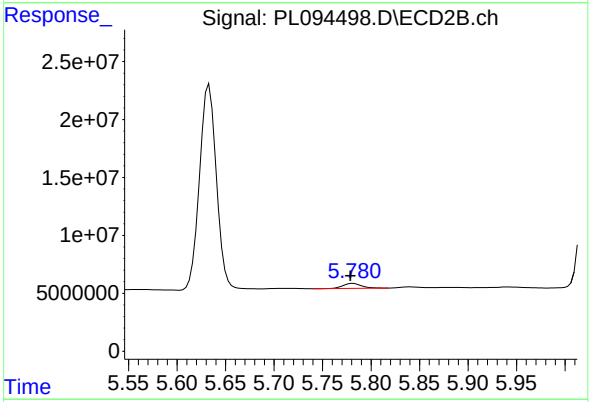
R.T.: 5.942 min
Delta R.T.: 0.016 min
Response: 1157764
Conc: 0.31 ng/ml



#16 4,4'-DDD

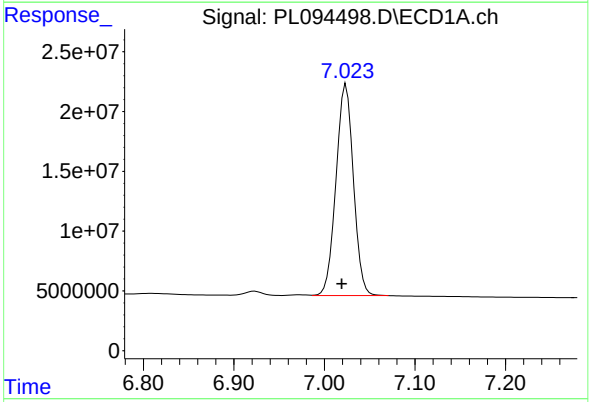
R.T.: 6.710 min
Delta R.T.: 0.003 min
Response: 3808740
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



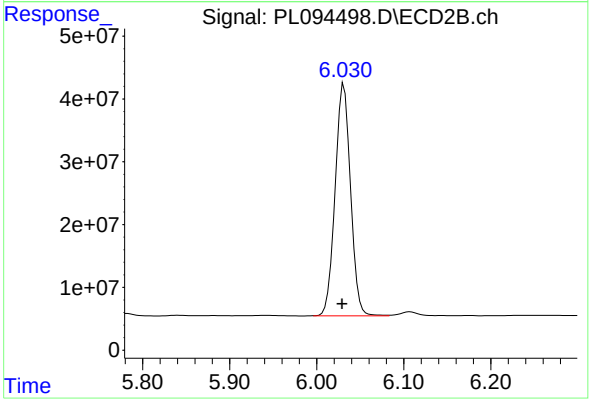
#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 5559854
Conc: 1.75 ng/ml



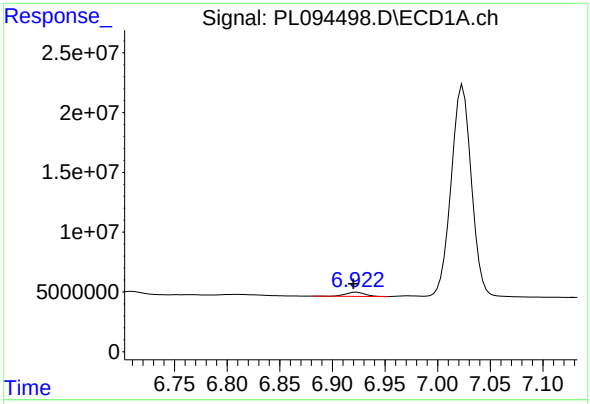
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 236492318
Conc: 112.61 ng/ml



#17 4,4'-DDT

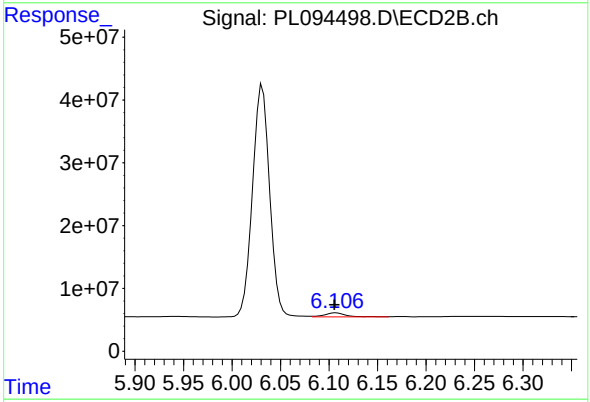
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 454360417
Conc: 127.74 ng/ml



#18 Endrin aldehyde

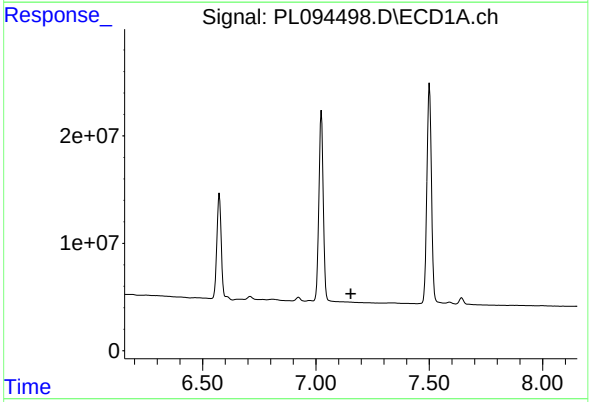
R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 4401821
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



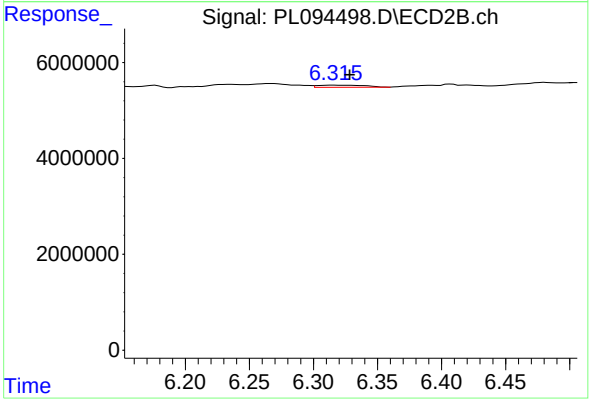
#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 9474848
Conc: 3.00 ng/ml



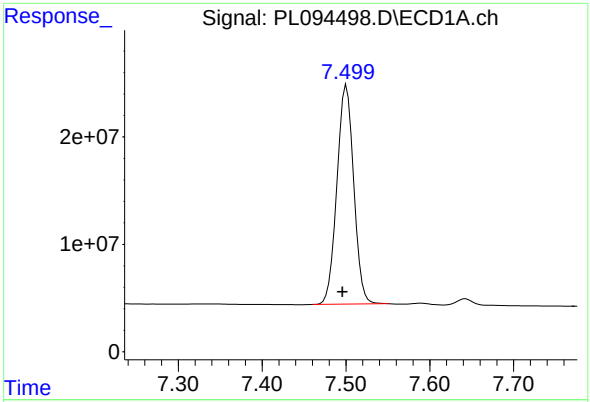
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

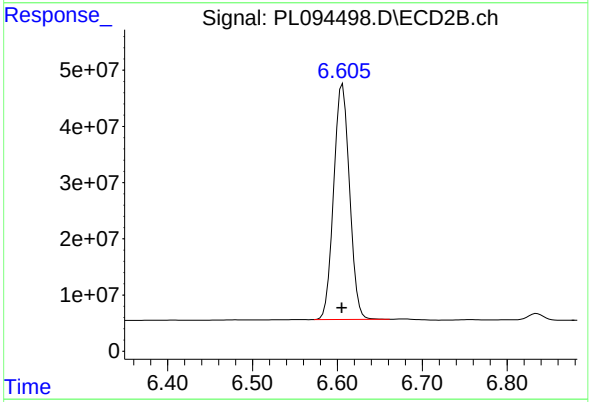
R.T.: 6.316 min
Delta R.T.: -0.012 min
Response: 1107487
Conc: 0.30 ng/ml



#20 Methoxychlor

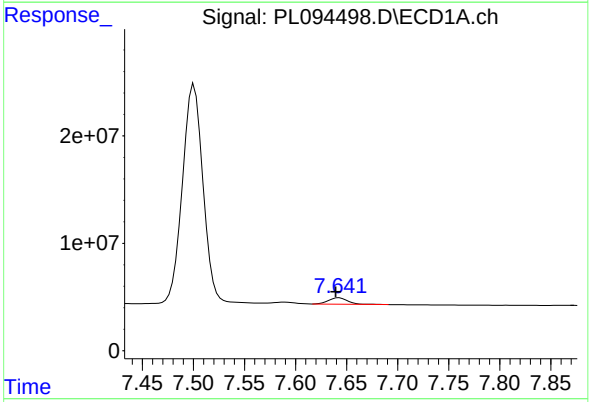
R.T.: 7.501 min
Delta R.T.: 0.005 min
Response: 284546612
Conc: 256.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



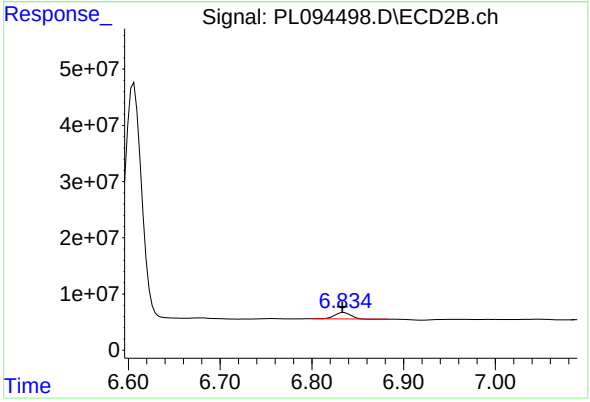
#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.001 min
Response: 543674171
Conc: 278.66 ng/ml



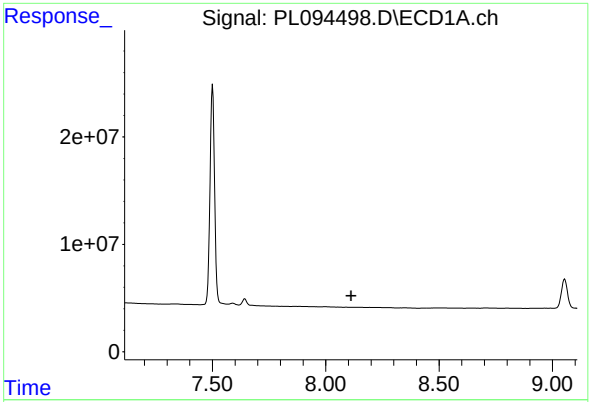
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 7641366
Conc: 3.05 ng/ml



#21 Endrin ketone

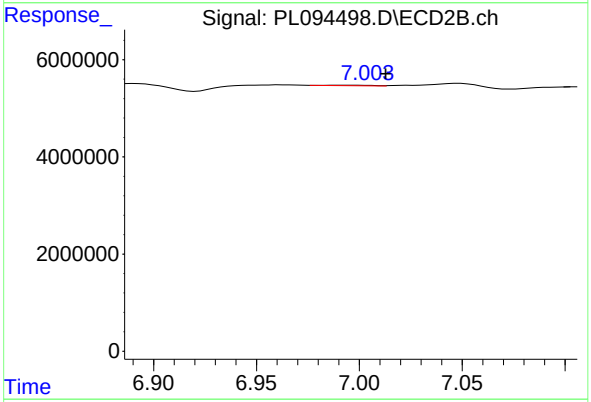
R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 14155392
Conc: 3.32 ng/ml



#22 Mirex

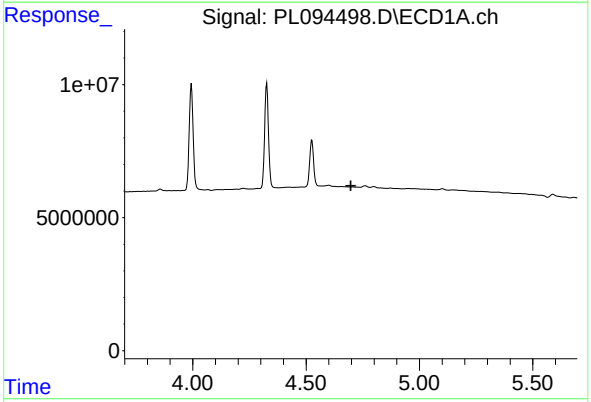
R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



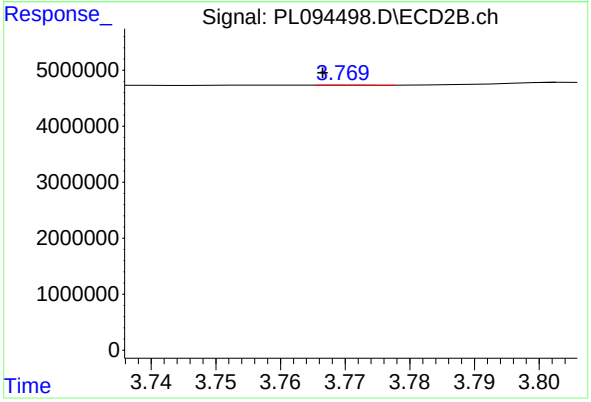
#22 Mirex

R.T.: 6.991 min
Delta R.T.: -0.022 min
Response: 131180
Conc: 0.04 ng/ml



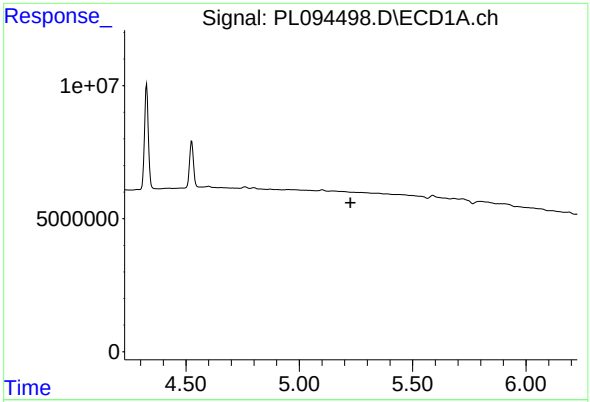
#23 Chlordane-1

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



#23 Chlordane-1

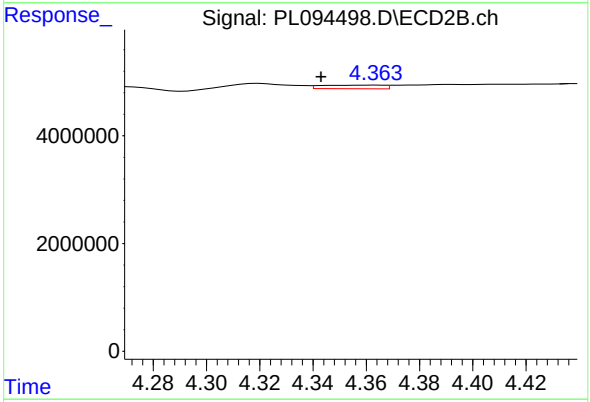
R.T.: 3.771 min
Delta R.T.: 0.004 min
Response: 16072
Conc: 0.12 ng/ml



#24 Chlordane-2

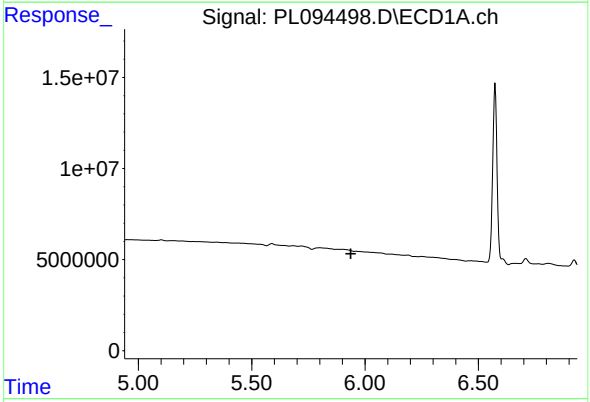
R.T.: 0.000 min
Exp R.T. : 5.227 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



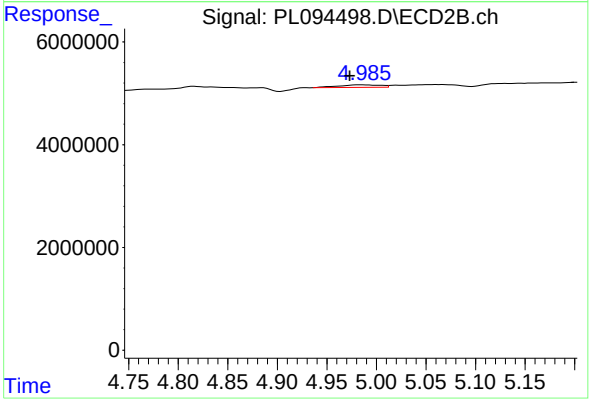
#24 Chlordane-2

R.T.: 4.363 min
Delta R.T.: 0.020 min
Response: 1066003
Conc: 6.76 ng/ml



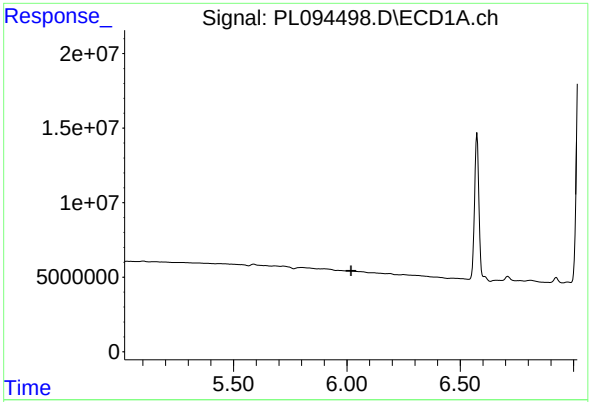
#25 Chlordane-3

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



#25 Chlordane-3

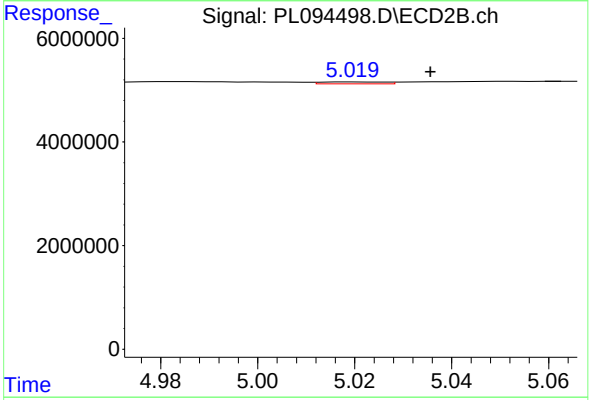
R.T.: 4.986 min
Delta R.T.: 0.013 min
Response: 1432566
Conc: 3.02 ng/ml



#26 Chlordane-4

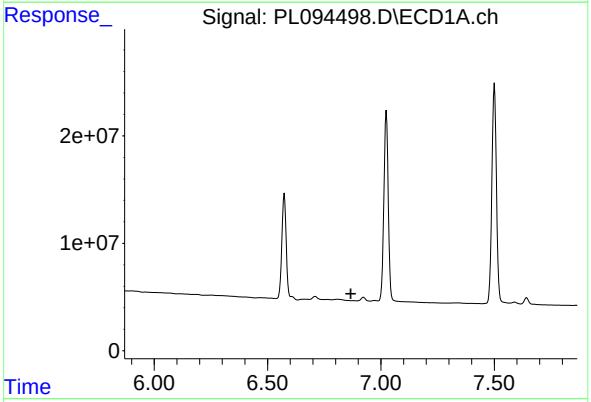
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



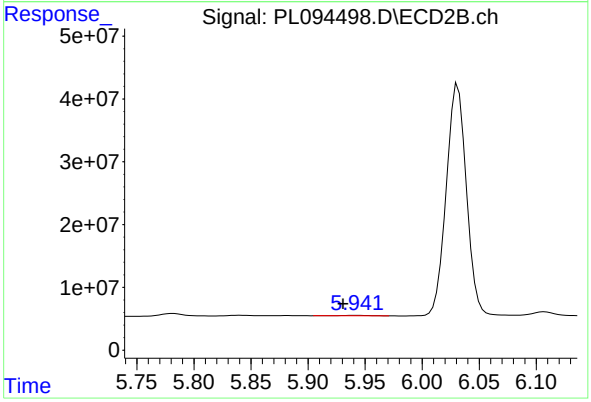
#26 Chlordane-4

R.T.: 5.020 min
Delta R.T.: -0.015 min
Response: 343720
Conc: 0.73 ng/ml



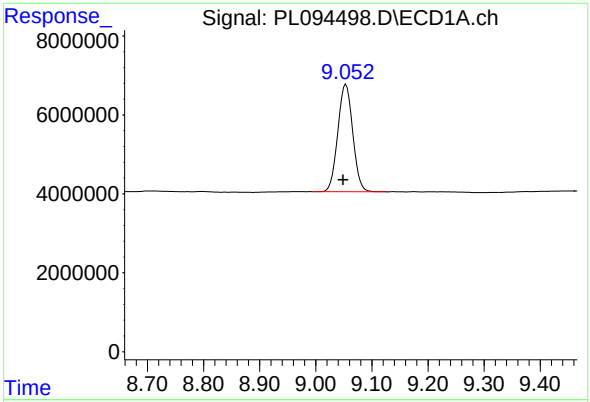
#27 Chlordane-5

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



#27 Chlordane-5

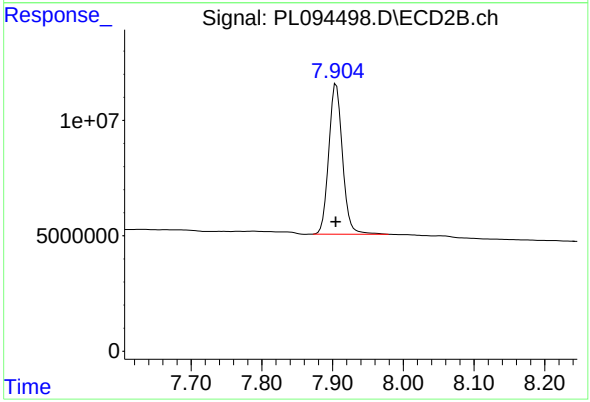
R.T.: 5.942 min
Delta R.T.: 0.011 min
Response: 1157764
Conc: 7.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.005 min
Response: 50220641
Conc: 23.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 87796020
Conc: 22.83 ng/ml