Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
Data File : PL090304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2024 14:51
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: Jun 25 01:58:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 01:45:30 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...	3.547	2.790	45885885	30548270	20.218	19.313	
28)	SA Decachlor...	9.062	7.937	31818440	30460103	20.632	20.420	
	Target Compounds							
2)	A alpha-BHC	4.002	3.294	32978444	21531905	10.514	9.632	
3)	MA gamma-BHC...	4.335	3.625	31523204	19381102	10.487	9.065	
4)	MA Heptachlor	4.910	3.986f	716097	26206	0.258	0.013	#
5)	MB Aldrin	5.280	4.257	370068	121243	0.135	0.061	#
6)	B beta-BHC	4.530	3.923	12068284	10171534	8.959	10.536	
8)	B Heptachlo...	5.684	4.755	1573586	7253	0.617	0.004	#
9)	A Endosulfan I	6.074	5.122	137208	93909	0.058	0.054	
10)	B gamma-Chl...	5.926f	5.017f	1522918	151671	0.603	0.079	#
11)	B alpha-Chl...	6.039	5.080f	382282	63206	0.153	0.033	#
12)	B 4,4'-DDE	6.201	5.255	1591156	802838	0.729	0.485	#
13)	MA Dieldrin	6.376f	5.395	309844	8697	0.127	0.005	#
14)	MA Endrin	6.582	5.660	94318769	75933909	44.484	45.921	
15)	B Endosulfa...	6.822f	5.971f	3451057	699979	1.561	0.427	#
16)	A 4,4'-DDD	6.717	5.809	2837422	1073129	1.549	0.783	#
17)	MA 4,4'-DDT	7.030	6.059	164.9E6	153.1E6	85.954	103.428	
18)	B Endrin al...	6.930	6.134	2583603	2680217	1.530	2.105	#
19)	B Endosulfa...	0.000	6.343	0	147454	N.D.	0.094	#
20)	A Methoxychlor	7.506	6.634	215.7E6	194.7E6	209.345	233.435	
21)	B Endrin ke...	7.648	6.861	6372013	3976004	2.938	2.221	
22)	Mirex	8.135	7.054	23986	55365	0.014	0.036	#
23)	Chlordane-1	0.000	3.803	0	29180	N.D.	0.479	#
24)	Chlordane-2	5.226	4.365	490799	65846	4.138	0.932	#
25)	Chlordane-3	5.926f	5.017f	1522918	151671	4.142	0.751	#
26)	Chlordane-4	6.039	5.080f	382282	63206	0.857	0.331	#
27)	Chlordane-5	0.000	5.759f	0	428611	N.D.	7.498	#

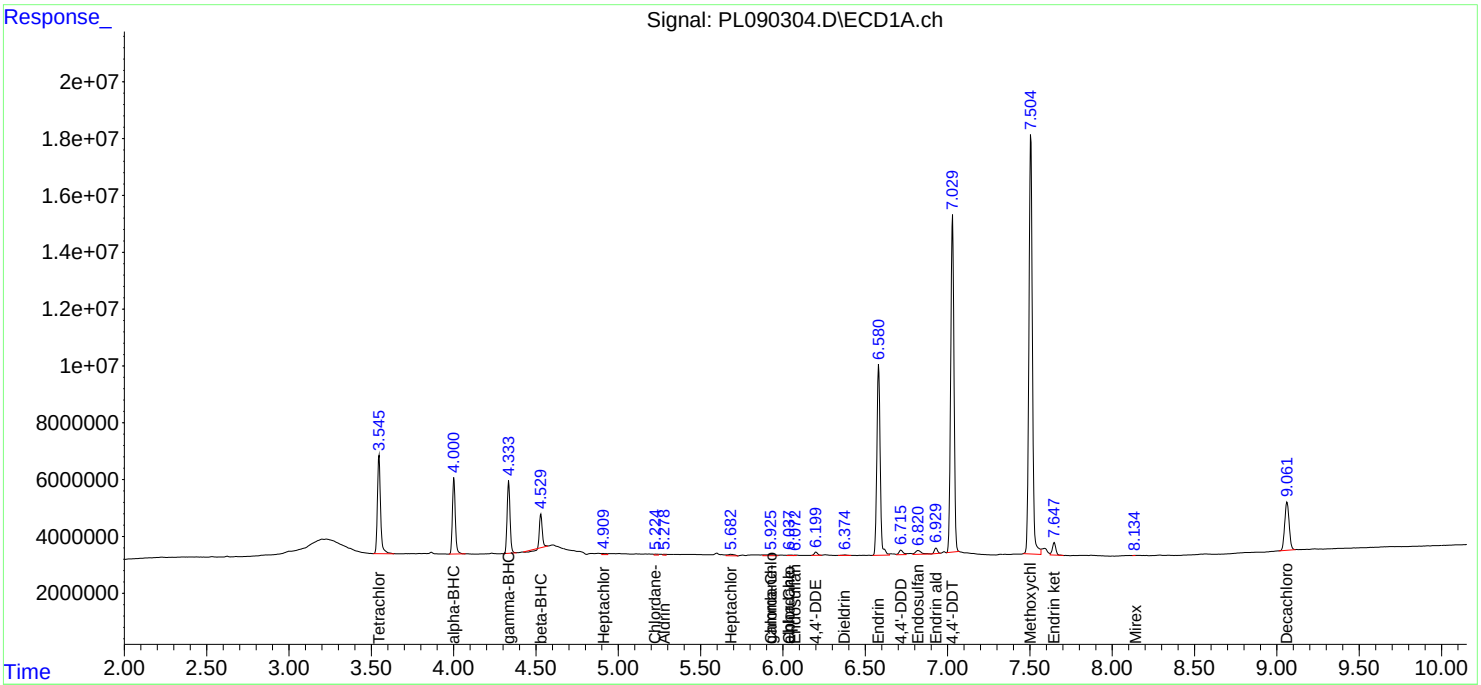
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

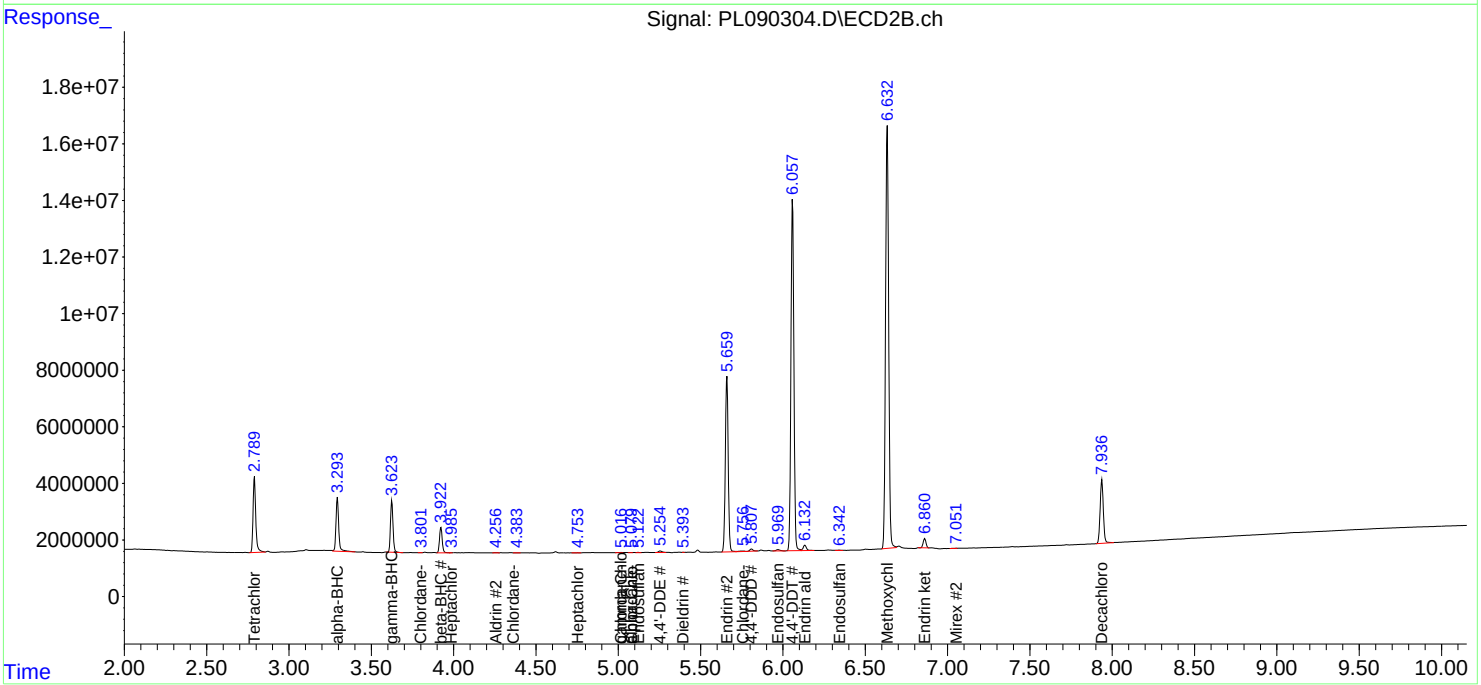
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062424\
Data File : PL090304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2024 14:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

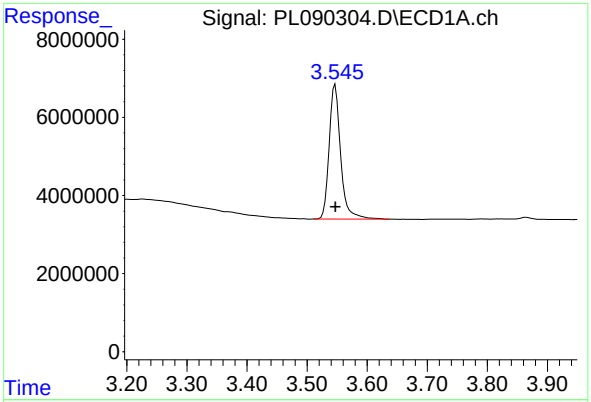
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 01:58:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 01:45:30 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



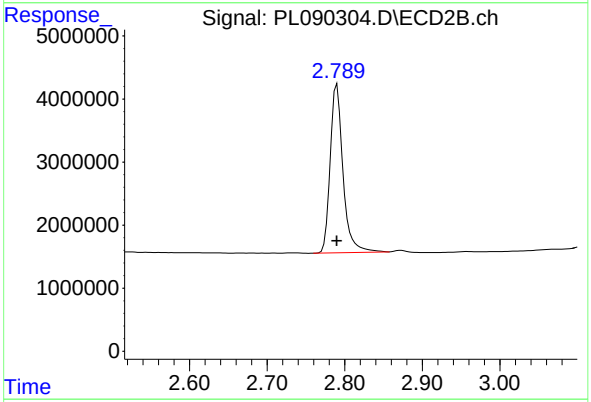




#1 Tetrachloro-m-xylene

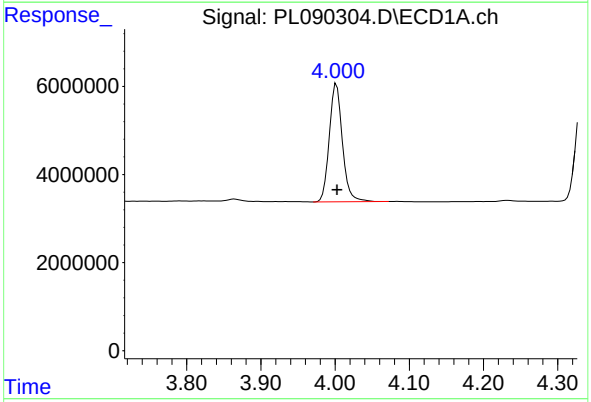
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 45885885
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



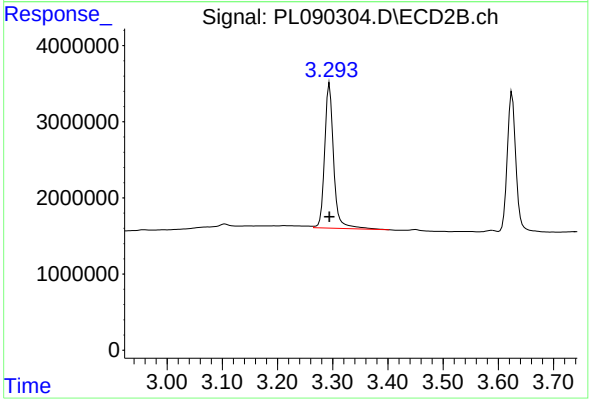
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 30548270
Conc: 19.31 ng/ml



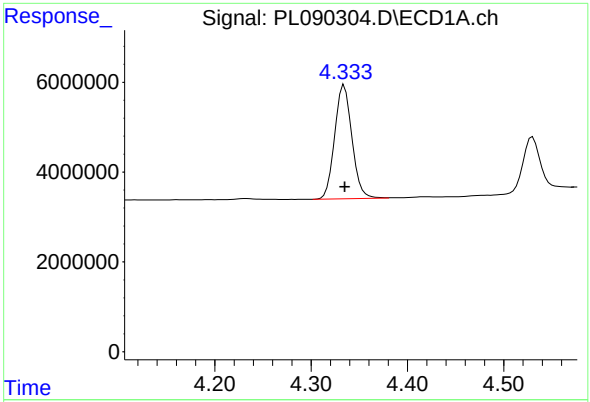
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32978444
Conc: 10.51 ng/ml



#2 alpha-BHC

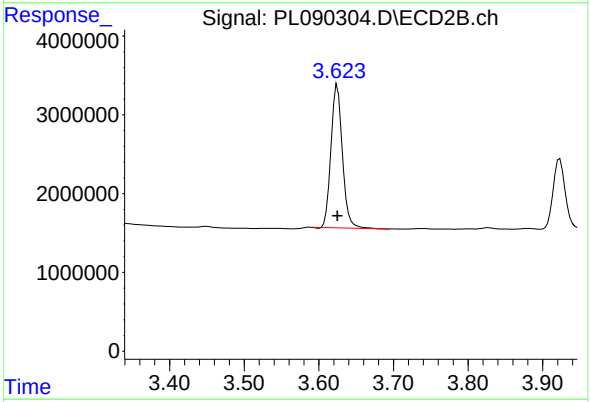
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 21531905
Conc: 9.63 ng/ml



#3 gamma-BHC (Lindane)

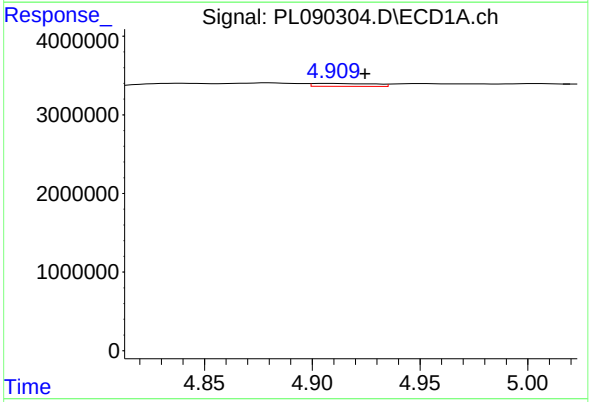
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 31523204
Conc: 10.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



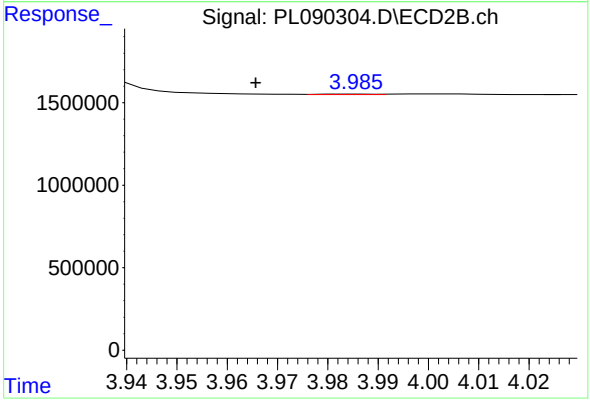
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.000 min
Response: 19381102
Conc: 9.07 ng/ml



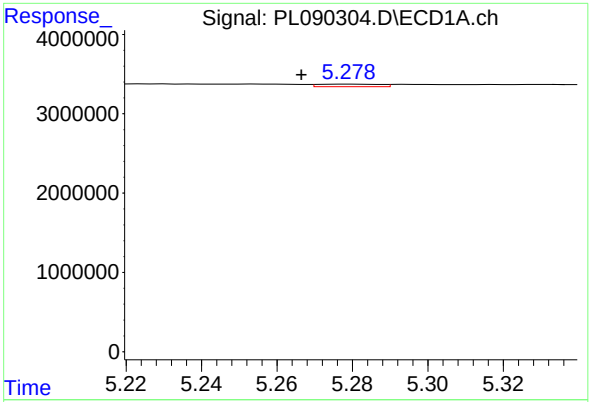
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.015 min
Response: 716097
Conc: 0.26 ng/ml



#4 Heptachlor

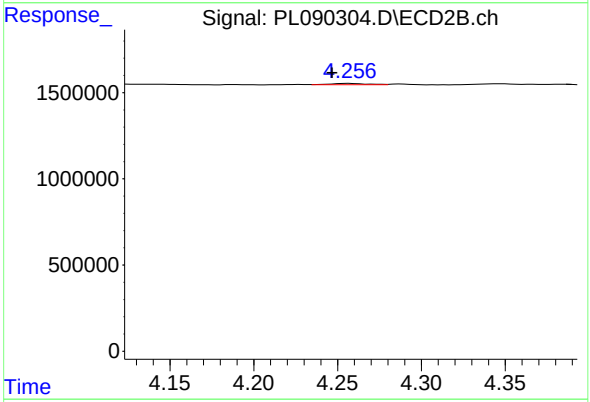
R.T.: 3.986 min
Delta R.T.: 0.020 min
Response: 26206
Conc: 0.01 ng/ml



#5 Aldrin

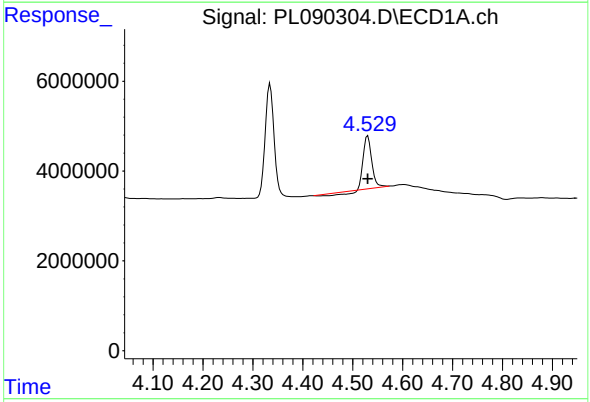
R.T.: 5.280 min
Delta R.T.: 0.013 min
Response: 370068
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



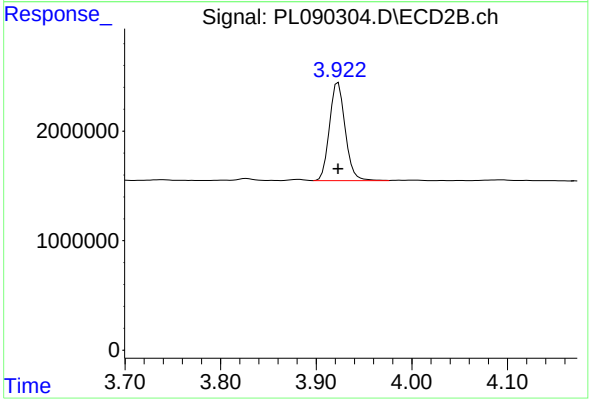
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.010 min
Response: 121243
Conc: 0.06 ng/ml



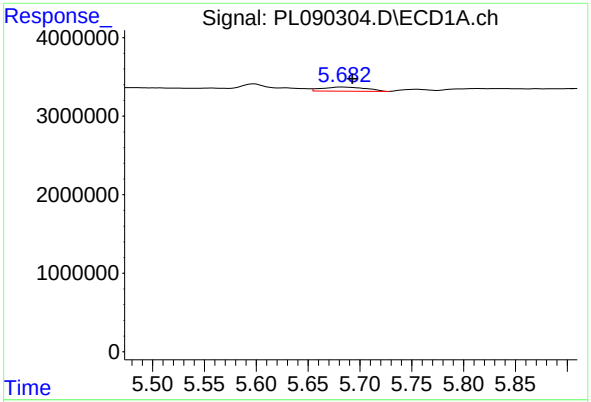
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 12068284
Conc: 8.96 ng/ml



#6 beta-BHC

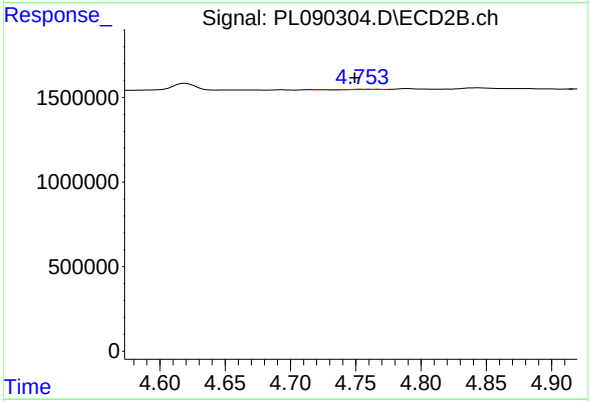
R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 10171534
Conc: 10.54 ng/ml



#8 Heptachlor epoxide

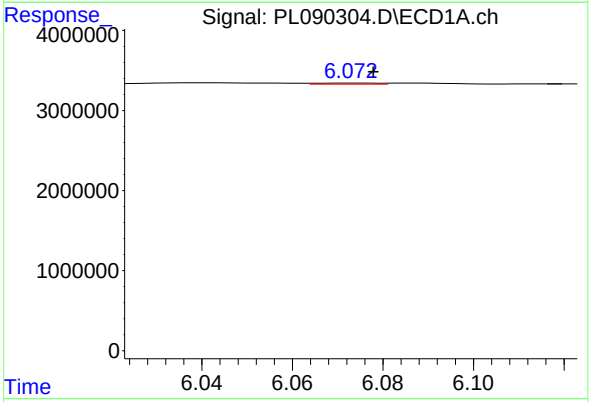
R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 1573586
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



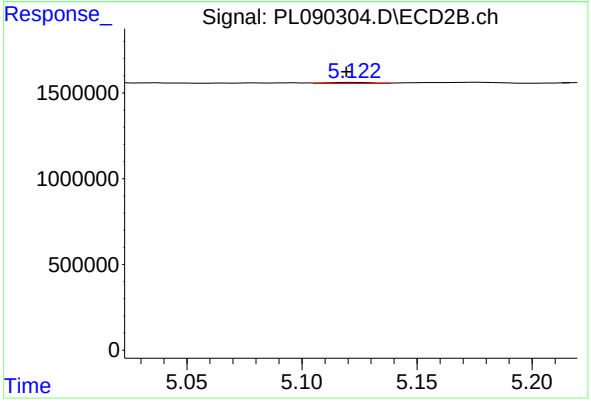
#8 Heptachlor epoxide

R.T.: 4.755 min
Delta R.T.: 0.006 min
Response: 7253
Conc: 0.00 ng/ml



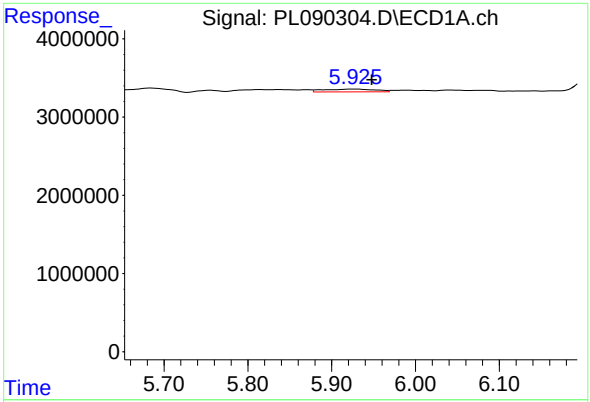
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 137208
Conc: 0.06 ng/ml



#9 Endosulfan I

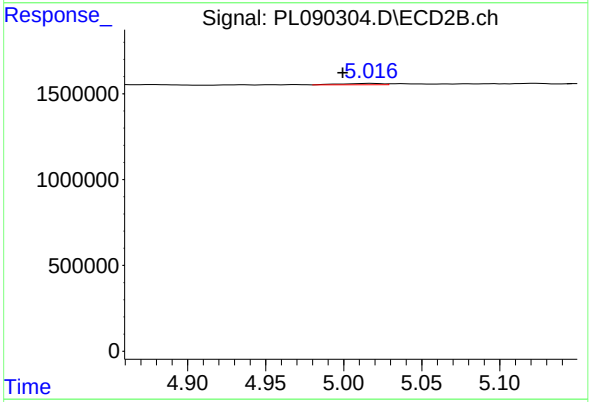
R.T.: 5.122 min
Delta R.T.: 0.003 min
Response: 93909
Conc: 0.05 ng/ml



#10 gamma-Chlordane

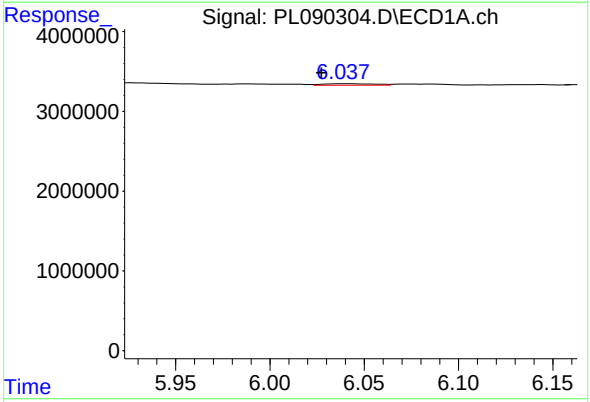
R.T.: 5.926 min
Delta R.T.: -0.022 min
Response: 1522918
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



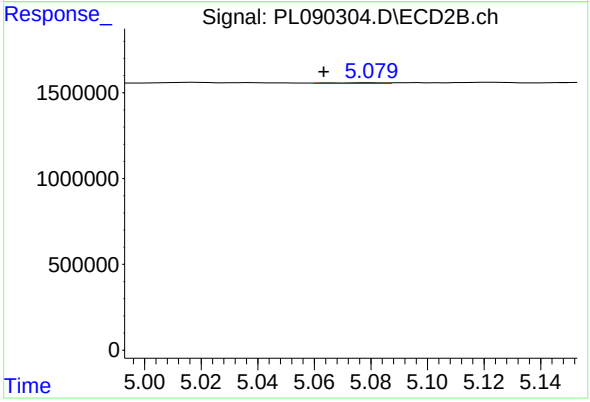
#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.018 min
Response: 151671
Conc: 0.08 ng/ml



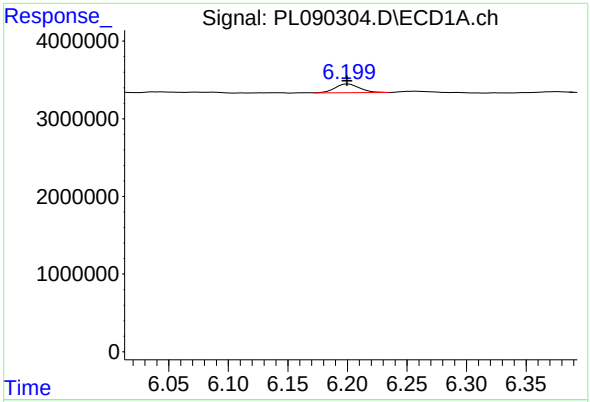
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.012 min
Response: 382282
Conc: 0.15 ng/ml



#11 alpha-Chlordane

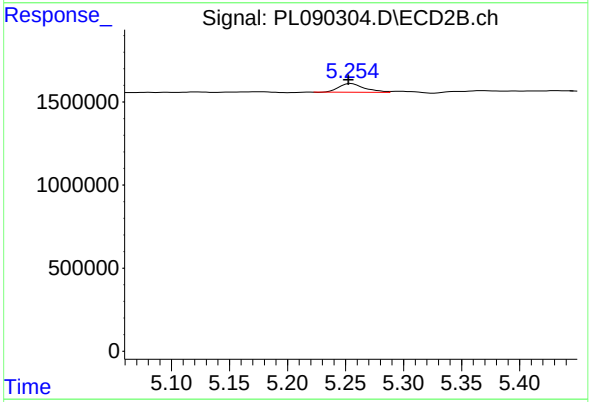
R.T.: 5.080 min
Delta R.T.: 0.017 min
Response: 63206
Conc: 0.03 ng/ml



#12 4,4'-DDE

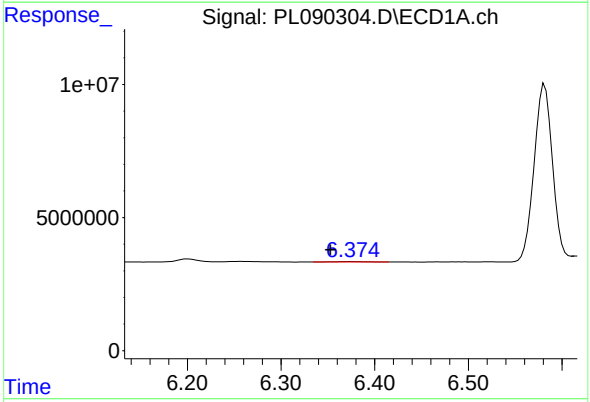
R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1591156
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



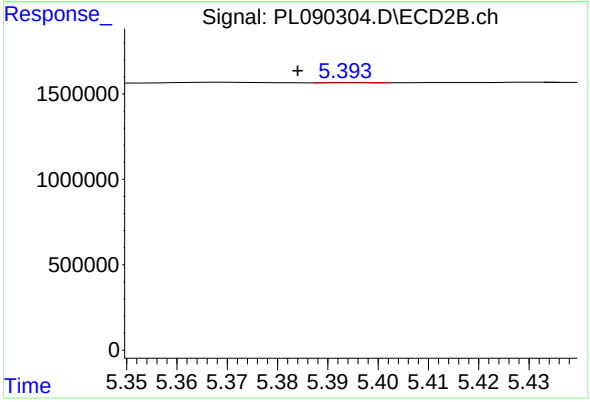
#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: 0.003 min
Response: 802838
Conc: 0.48 ng/ml



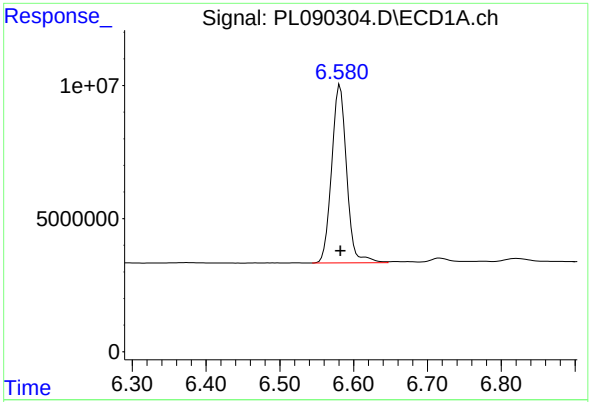
#13 Dieldrin

R.T.: 6.376 min
Delta R.T.: 0.023 min
Response: 309844
Conc: 0.13 ng/ml



#13 Dieldrin

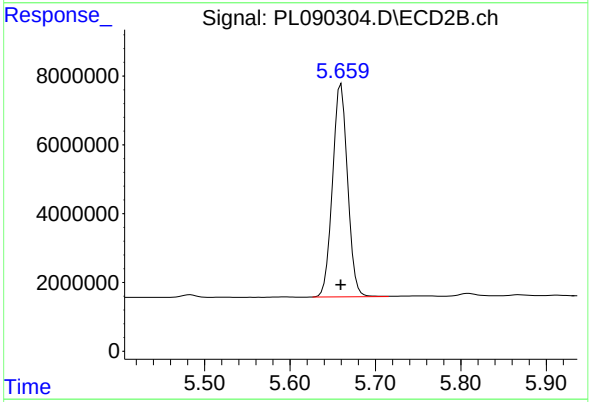
R.T.: 5.395 min
Delta R.T.: 0.011 min
Response: 8697
Conc: 0.00 ng/ml



#14 Endrin

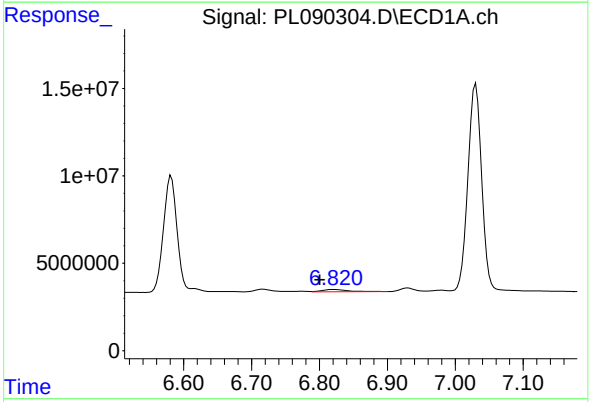
R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 94318769
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



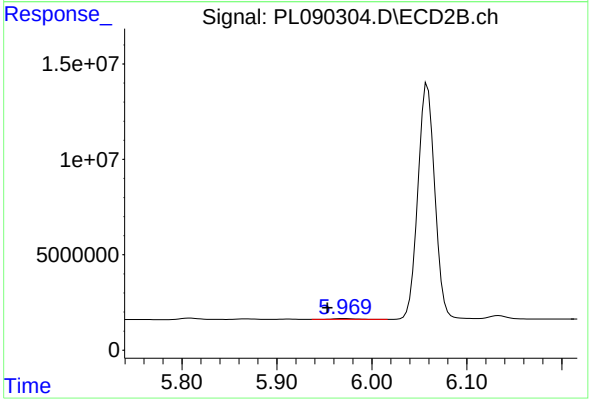
#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 75933909
Conc: 45.92 ng/ml



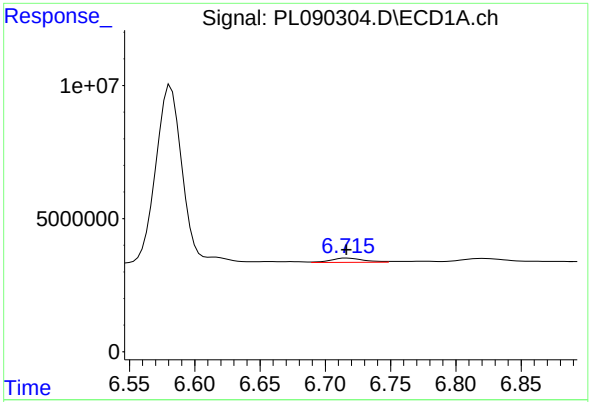
#15 Endosulfan II

R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 3451057
Conc: 1.56 ng/ml



#15 Endosulfan II

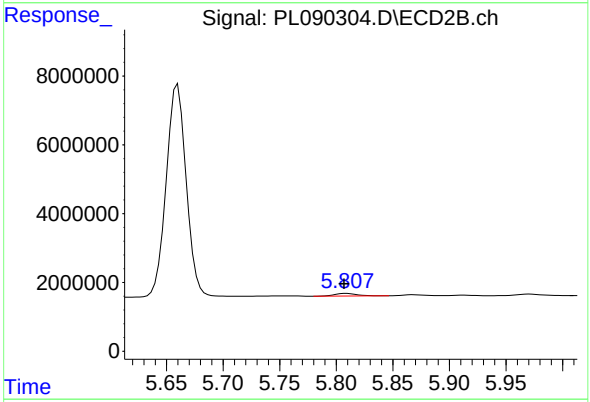
R.T.: 5.971 min
Delta R.T.: 0.017 min
Response: 699979
Conc: 0.43 ng/ml



#16 4,4'-DDD

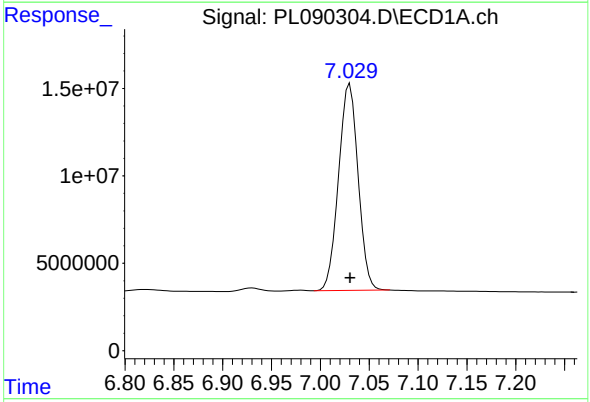
R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 2837422
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



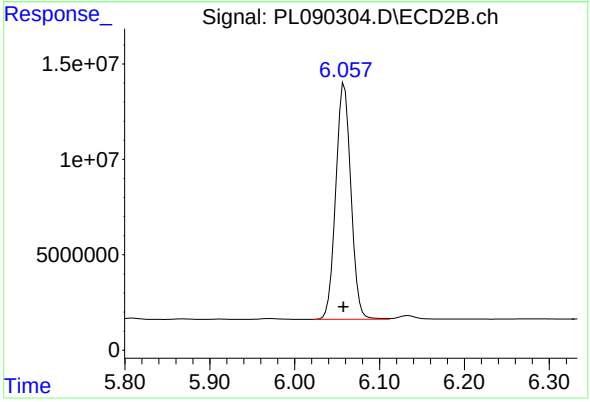
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 1073129
Conc: 0.78 ng/ml



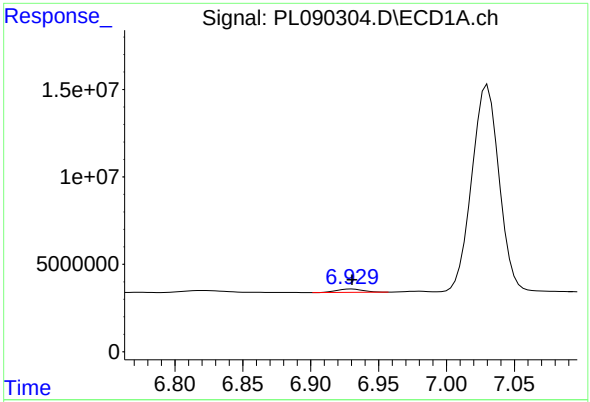
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 164939840
Conc: 85.95 ng/ml



#17 4,4'-DDT

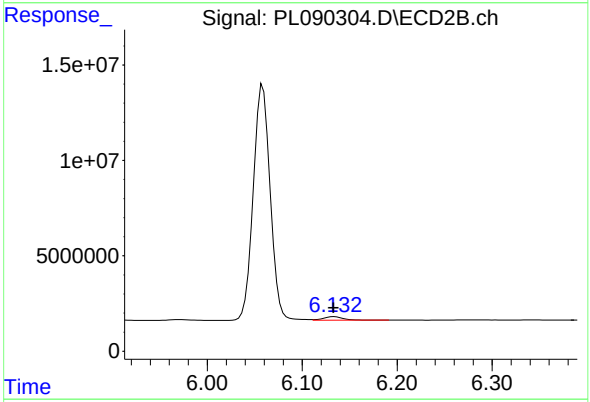
R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 153086006
Conc: 103.43 ng/ml



#18 Endrin aldehyde

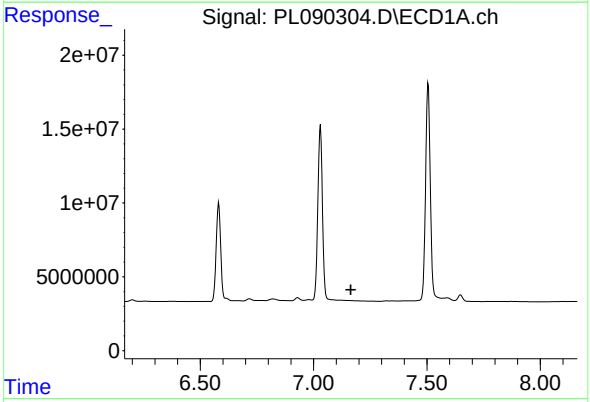
R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2583603
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



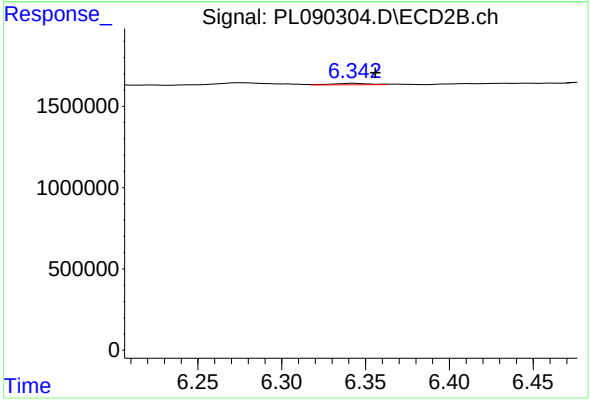
#18 Endrin aldehyde

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 2680217
Conc: 2.10 ng/ml



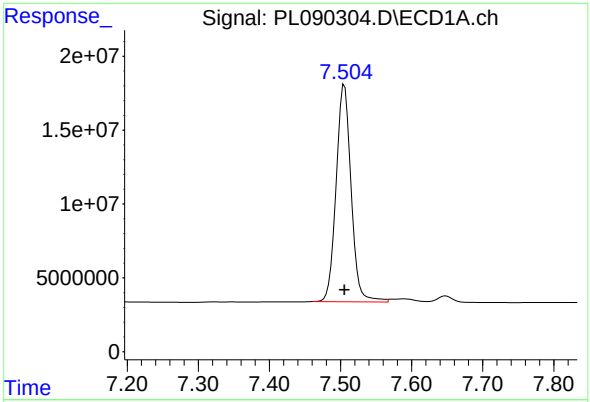
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.164 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

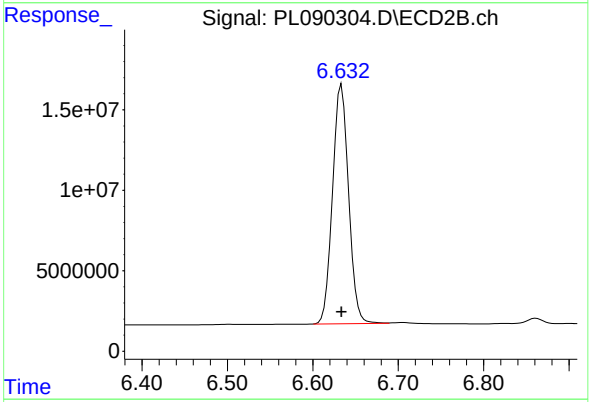
R.T.: 6.343 min
Delta R.T.: -0.013 min
Response: 147454
Conc: 0.09 ng/ml



#20 Methoxychlor

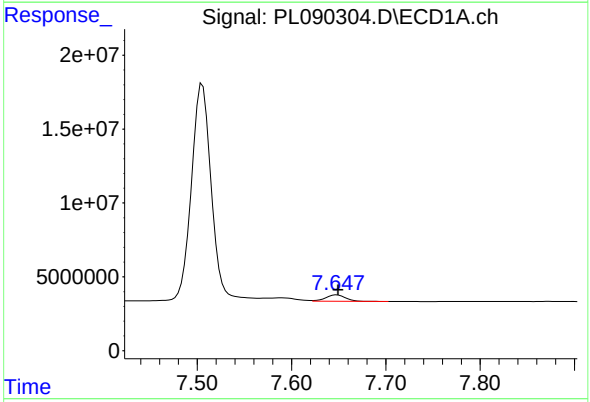
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 215738037
Conc: 209.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



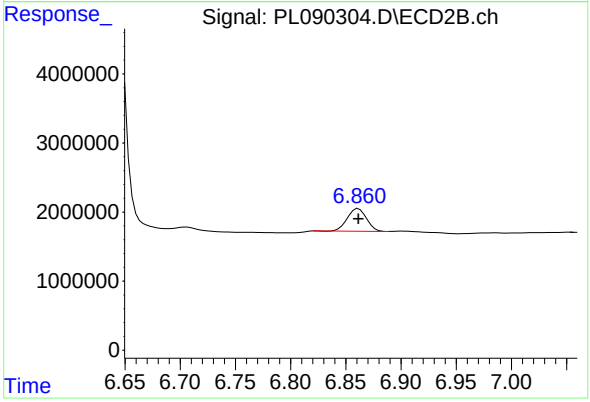
#20 Methoxychlor

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 194748173
Conc: 233.44 ng/ml



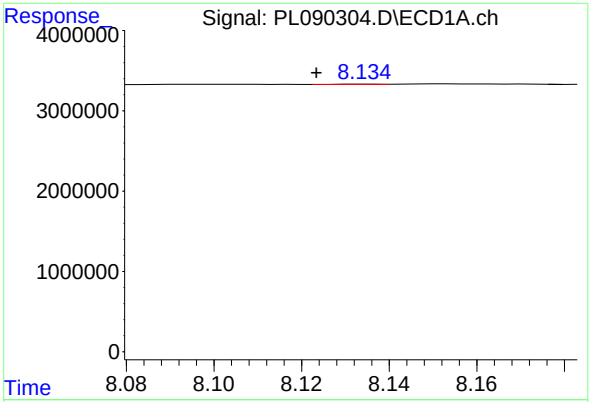
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 6372013
Conc: 2.94 ng/ml



#21 Endrin ketone

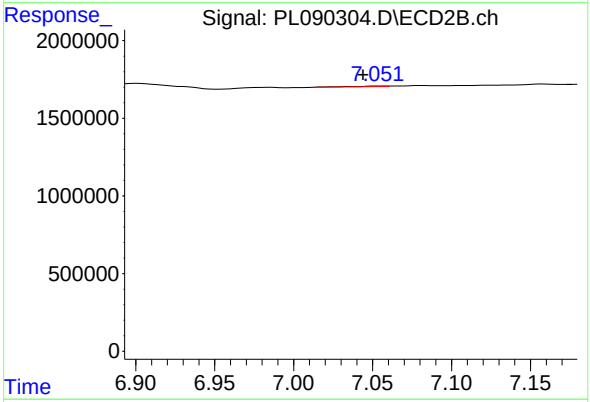
R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 3976004
Conc: 2.22 ng/ml



#22 Mirex

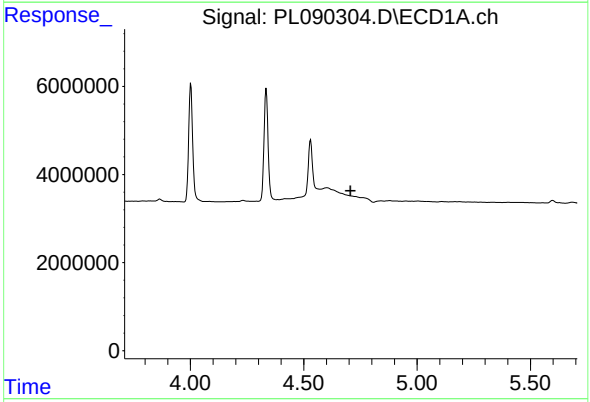
R.T.: 8.135 min
Delta R.T.: 0.012 min
Response: 23986
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



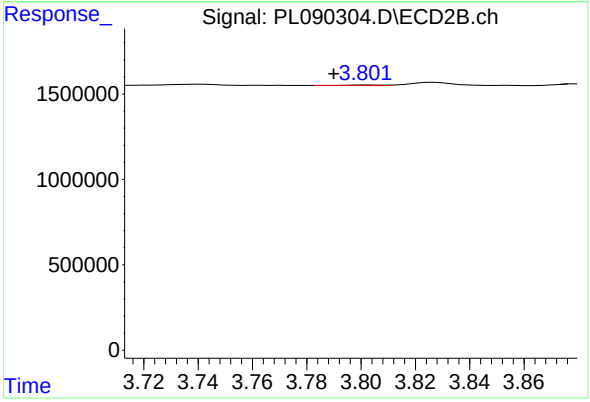
#22 Mirex

R.T.: 7.054 min
Delta R.T.: 0.010 min
Response: 55365
Conc: 0.04 ng/ml



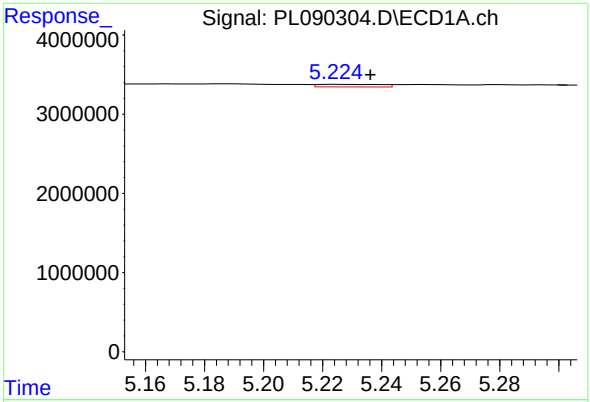
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.707 min
Response: 0
Conc: N.D.



#23 Chlordane-1

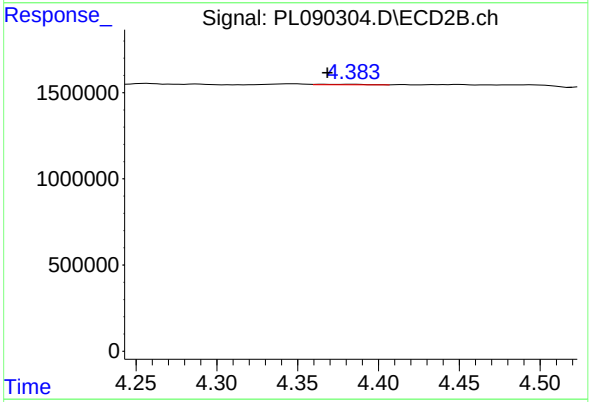
R.T.: 3.803 min
Delta R.T.: 0.013 min
Response: 29180
Conc: 0.48 ng/ml



#24 Chlordane-2

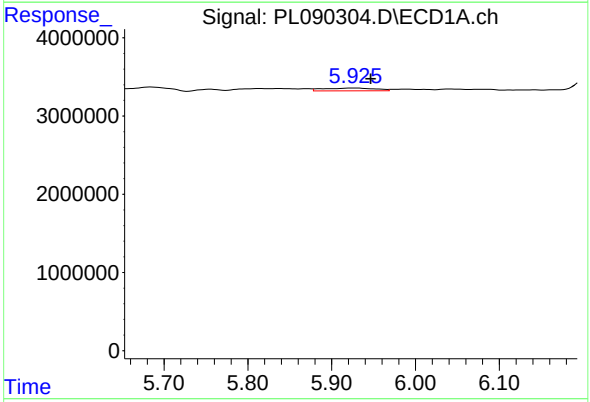
R.T.: 5.226 min
Delta R.T.: -0.011 min
Response: 490799
Conc: 4.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



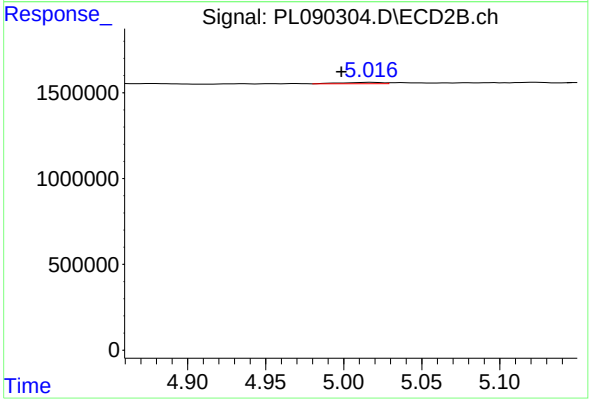
#24 Chlordane-2

R.T.: 4.365 min
Delta R.T.: -0.003 min
Response: 65846
Conc: 0.93 ng/ml



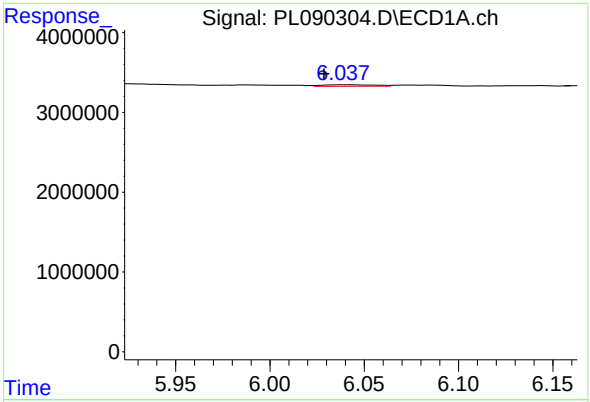
#25 Chlordane-3

R.T.: 5.926 min
Delta R.T.: -0.020 min
Response: 1522918
Conc: 4.14 ng/ml



#25 Chlordane-3

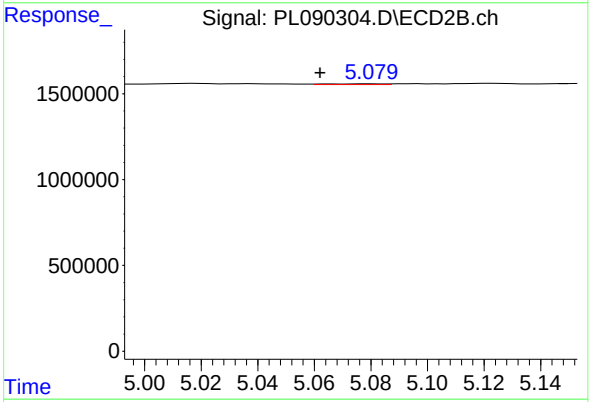
R.T.: 5.017 min
Delta R.T.: 0.019 min
Response: 151671
Conc: 0.75 ng/ml



#26 Chlordane-4

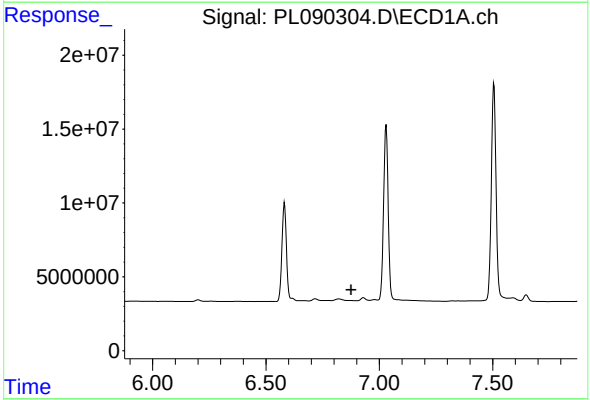
R.T.: 6.039 min
Delta R.T.: 0.011 min
Response: 382282
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



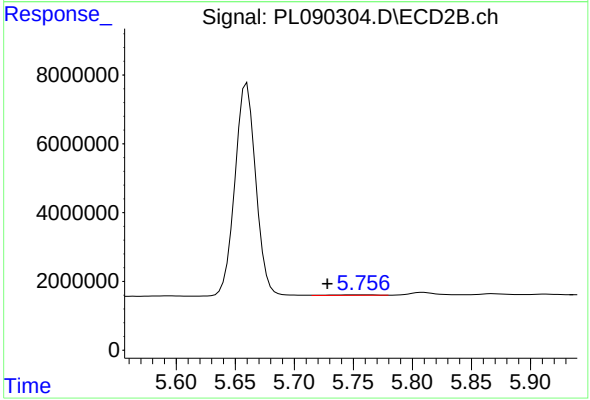
#26 Chlordane-4

R.T.: 5.080 min
Delta R.T.: 0.018 min
Response: 63206
Conc: 0.33 ng/ml



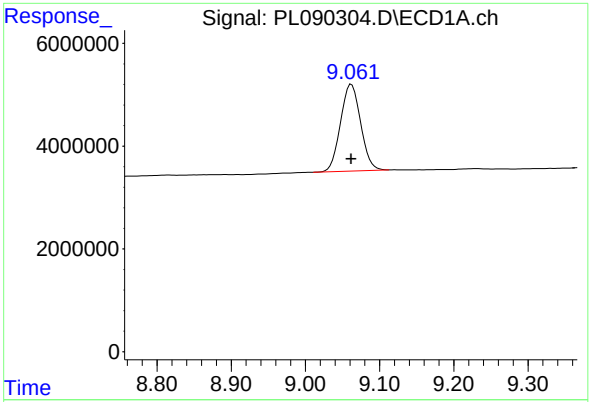
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.876 min
Response: 0
Conc: N.D.



#27 Chlordane-5

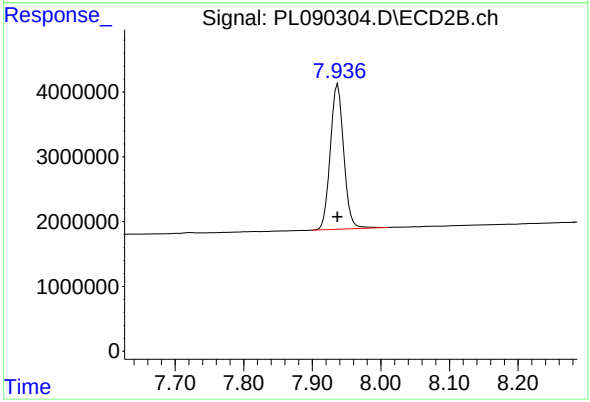
R.T.: 5.759 min
Delta R.T.: 0.031 min
Response: 428611
Conc: 7.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 31818440
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 30460103
Conc: 20.42 ng/ml