Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
Data File : PL070362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2021 10:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 23:31:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
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...	4.626	5.564	10078986	26126379	20.142	19.753	
28)	SA Decachlor...	10.391	11.488	14010986	20995364	20.248	17.349	
	Target Compounds							
2)	A alpha-BHC	5.332	6.145	5818822	16717498	7.861	8.547	
3)	MA gamma-BHC...	5.755	6.541	6131546	15691352	8.781	8.564	
4)	MA Heptachlor	0.000	7.178f	0	124153	N.D.	0.067	#
5)	MB Aldrin	6.518f	7.555	67672	32547	0.094	0.019	#
6)	B beta-BHC	6.136	6.796	3239338	8072409	9.649	9.388	
7)	B delta-BHC	0.000	7.083f	0	771739	N.D.	0.399	#
8)	B Heptachlo...	0.000	8.026	0	56411	N.D.	0.036	#
9)	A Endosulfan I	7.483	8.409f	74415	181934	0.111	0.124	
10)	B gamma-Chl...	7.360	8.325f	116745	38474	0.161	0.024	#
11)	B alpha-Chl...	7.444f	8.409f	40230	181934	0.055	0.115	#
12)	B 4,4'-DDE	7.627	8.567	261191	549922	0.410	0.355	
14)	MA Endrin	8.047	8.964	26474388	48913377	41.895	38.940	
15)	B Endosulfa...	8.383f	9.213	421638	1161637	0.665	0.972	#
16)	A 4,4'-DDD	8.212	9.107	4039242	8410012	7.202	7.120	
17)	MA 4,4'-DDT	8.473	9.425	46898326	93774409	76.667	71.757	
18)	B Endrin al...	8.546	9.333	843451	1077333	1.702	1.117	#
19)	B Endosulfa...	8.768	9.574	97228	-178354	0.147	N.D.	#
20)	A Methoxychlor	9.067	9.911	58383682	109.2E6	156.357	168.701	
21)	B Endrin ke...	9.295	10.069	3507820	4691006	4.591	3.507	
23)	Chlordane-1	0.000	6.967	0	497801	N.D.	10.844	#
24)	Chlordane-2	0.000	7.555	0	32547	N.D.	0.604	#
25)	Chlordane-3	7.360	8.325f	116745	38474	1.706	0.182	#
26)	Chlordane-4	7.444f	8.409f	40230	181934	0.550	0.716	#
27)	Chlordane-5	8.383f	9.301f	421638	14847	21.201	0.342	#

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

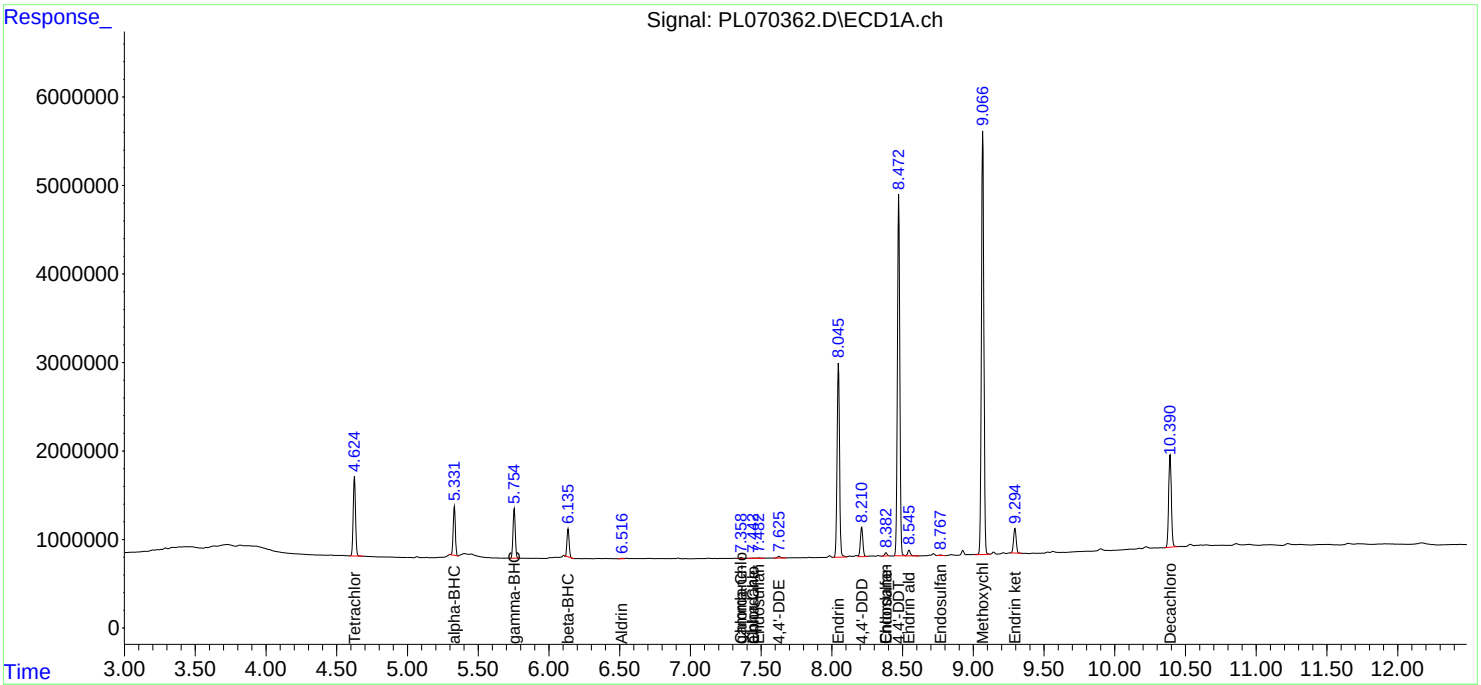
Quantitation Report (Not Reviewed)

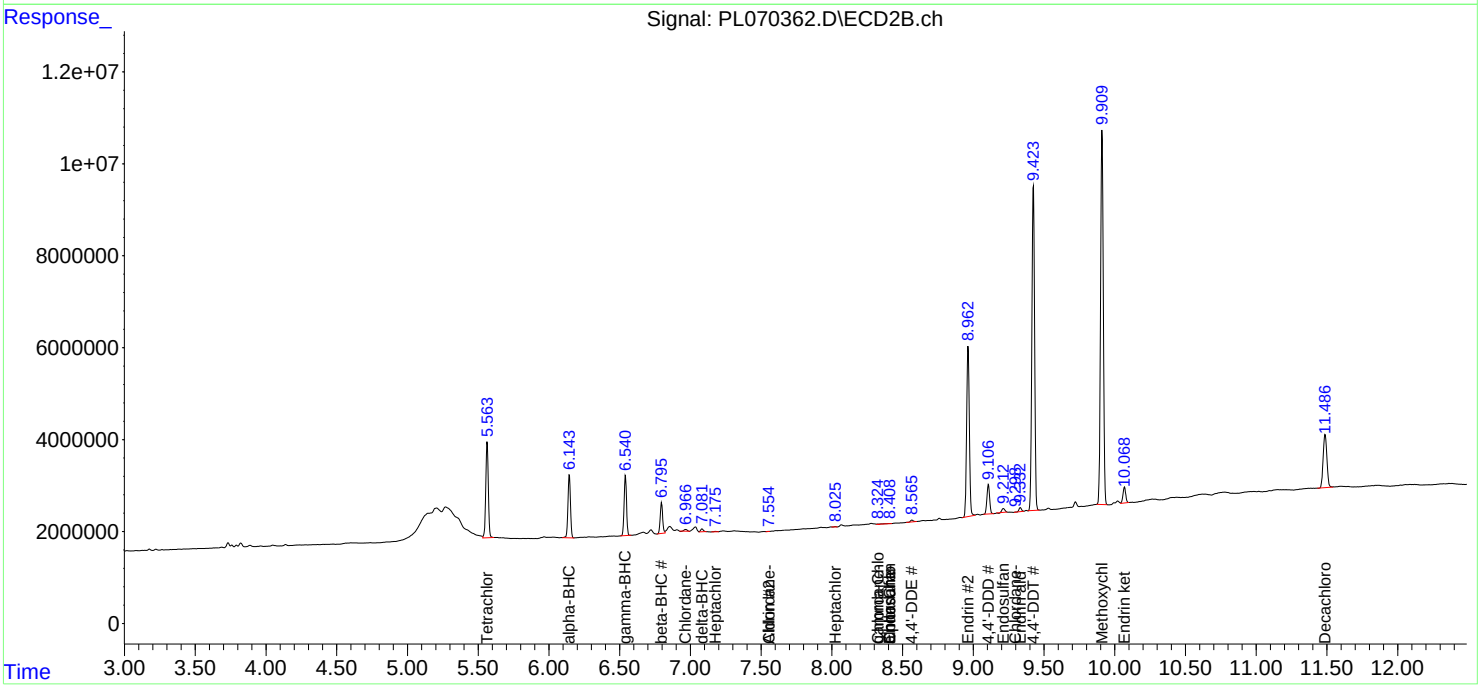
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101821\
Data File : PL070362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2021 10:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

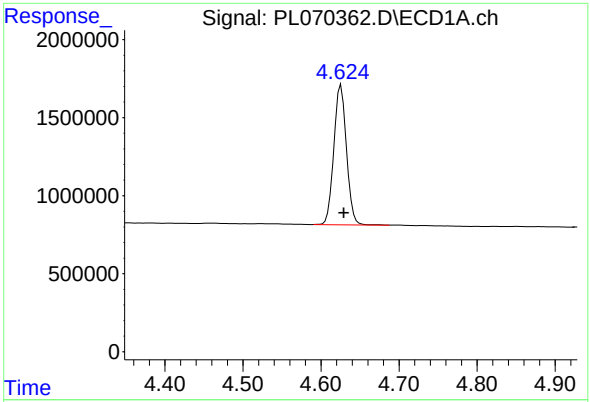
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 23:31:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
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



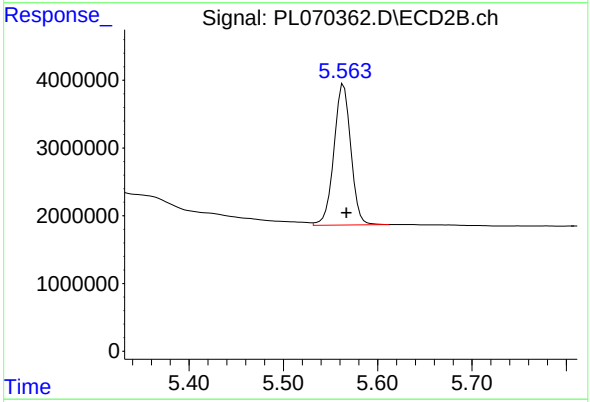




#1 Tetrachloro-m-xylene

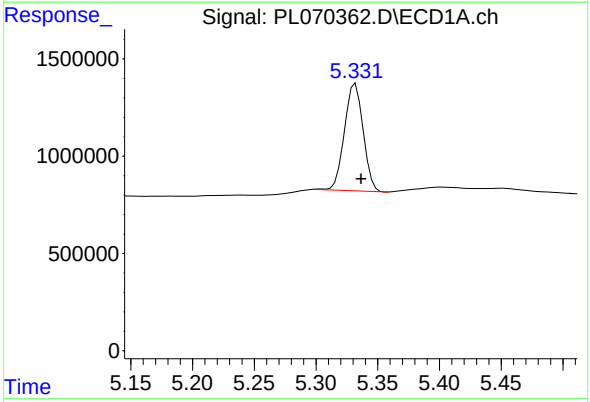
R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 10078986
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



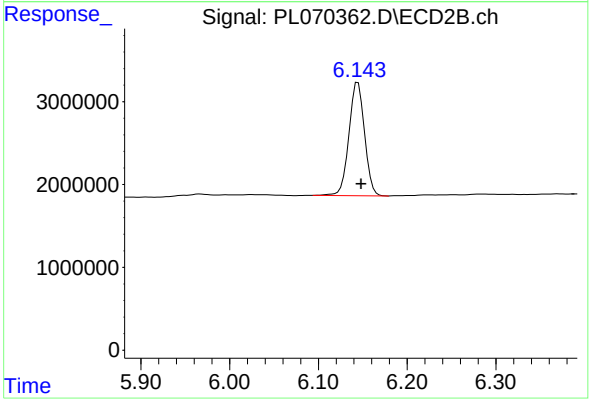
#1 Tetrachloro-m-xylene

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 26126379
Conc: 19.75 ng/ml



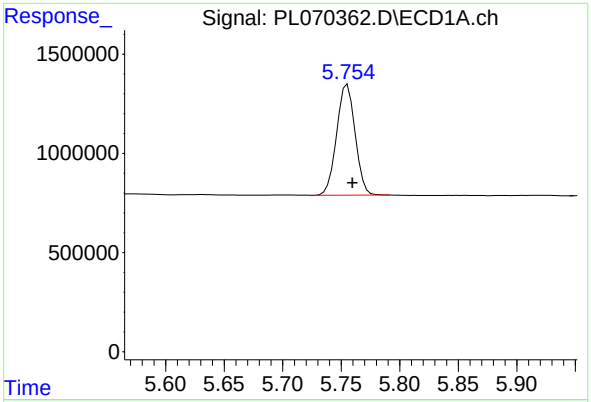
#2 alpha-BHC

R.T.: 5.332 min
Delta R.T.: -0.004 min
Response: 5818822
Conc: 7.86 ng/ml



#2 alpha-BHC

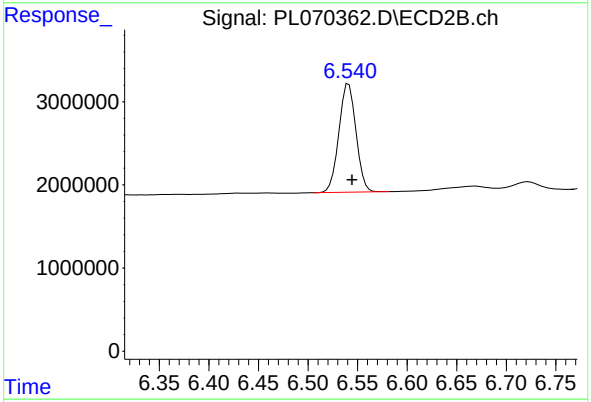
R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 16717498
Conc: 8.55 ng/ml



#3 gamma-BHC (Lindane)

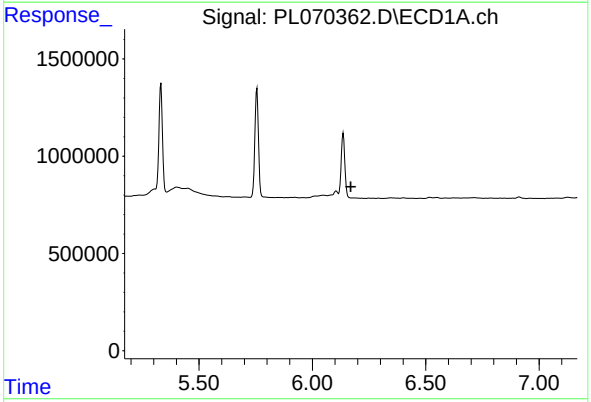
R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 6131546
Conc: 8.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



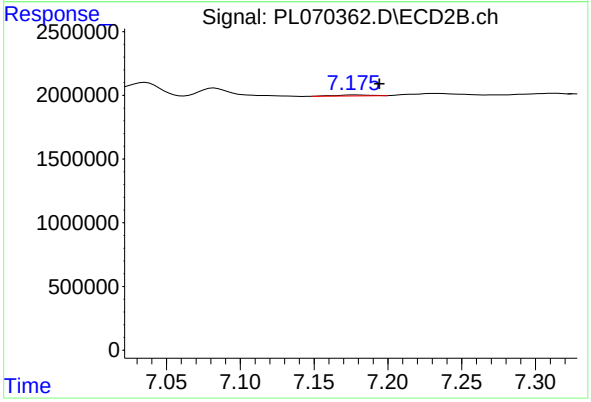
#3 gamma-BHC (Lindane)

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 15691352
Conc: 8.56 ng/ml



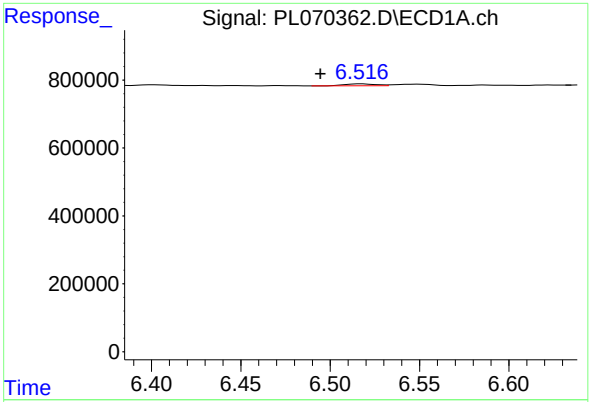
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



#4 Heptachlor

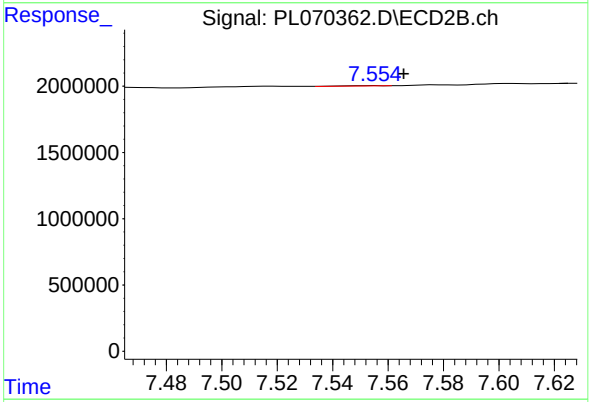
R.T.: 7.178 min
Delta R.T.: -0.016 min
Response: 124153
Conc: 0.07 ng/ml



#5 Aldrin

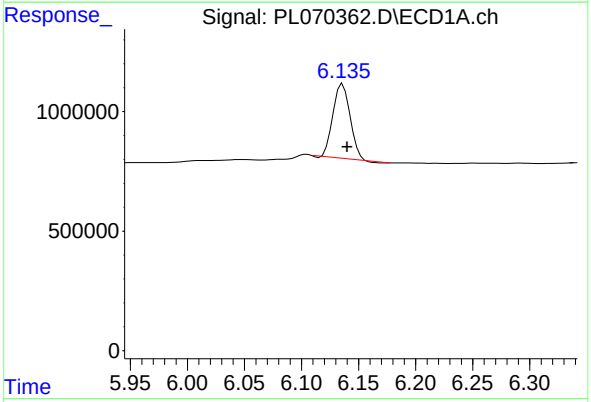
R.T.: 6.518 min
Delta R.T.: 0.023 min
Response: 67672
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



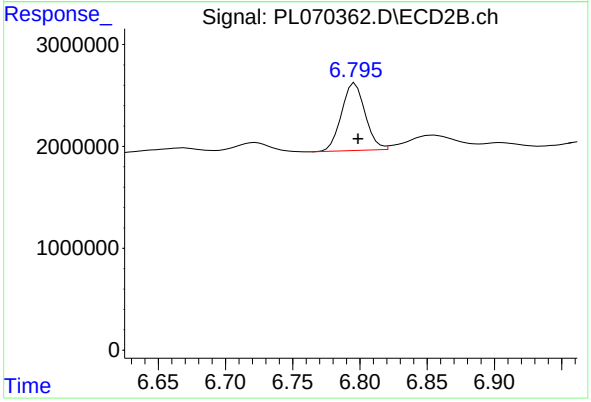
#5 Aldrin

R.T.: 7.555 min
Delta R.T.: -0.010 min
Response: 32547
Conc: 0.02 ng/ml



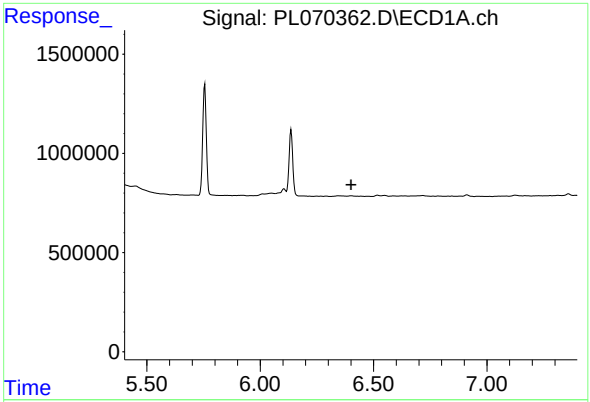
#6 beta-BHC

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 3239338
Conc: 9.65 ng/ml



#6 beta-BHC

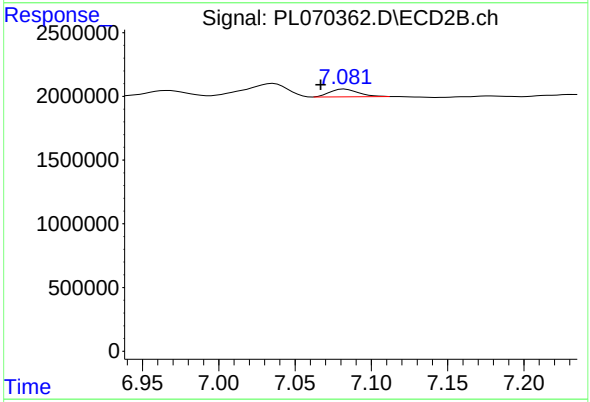
R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 8072409
Conc: 9.39 ng/ml



#7 delta-BHC

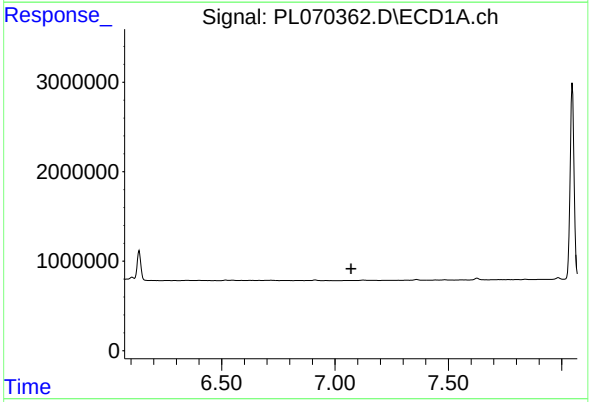
R.T.: 0.000 min
Exp R.T. : 6.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



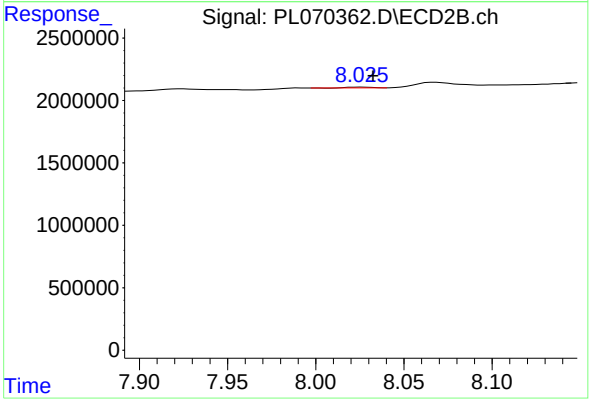
#7 delta-BHC

R.T.: 7.083 min
Delta R.T.: 0.016 min
Response: 771739
Conc: 0.40 ng/ml



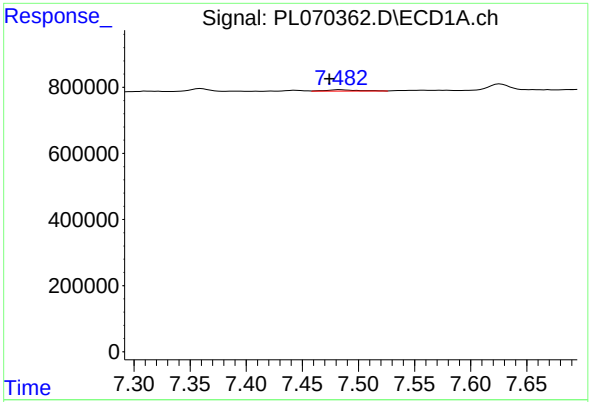
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 7.071 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

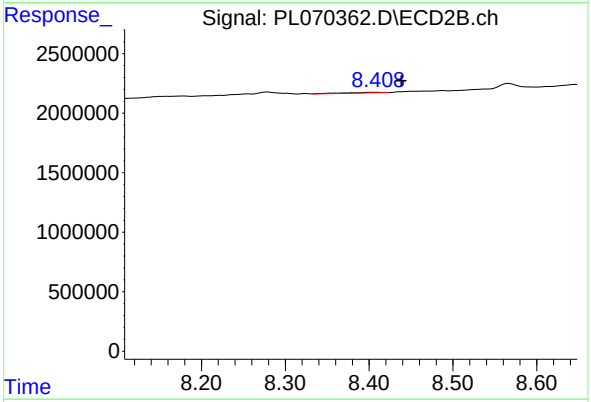
R.T.: 8.026 min
Delta R.T.: -0.007 min
Response: 56411
Conc: 0.04 ng/ml



#9 Endosulfan I

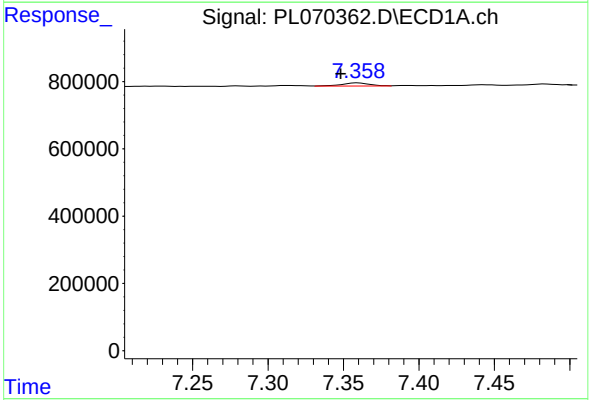
R.T.: 7.483 min
Delta R.T.: 0.009 min
Response: 74415
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



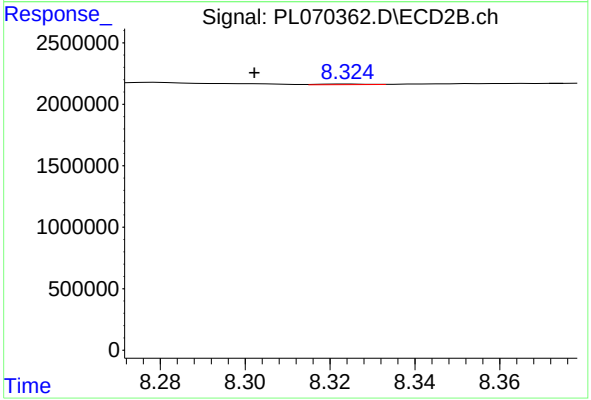
#9 Endosulfan I

R.T.: 8.409 min
Delta R.T.: -0.030 min
Response: 181934
Conc: 0.12 ng/ml



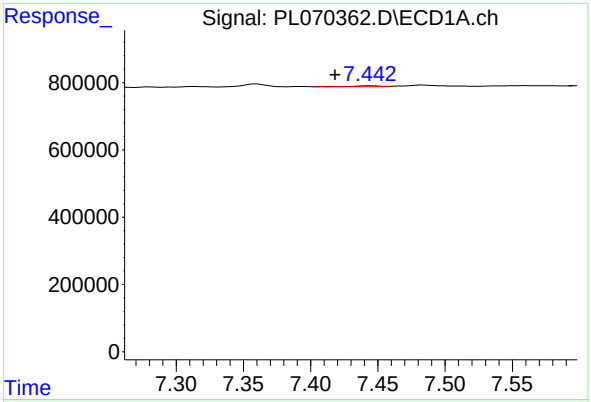
#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: 0.011 min
Response: 116745
Conc: 0.16 ng/ml



#10 gamma-Chlordane

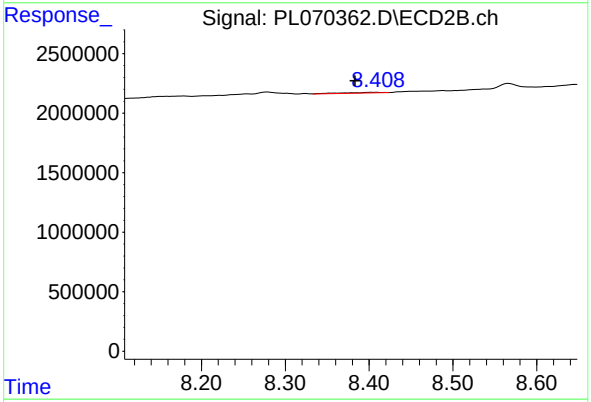
R.T.: 8.325 min
Delta R.T.: 0.023 min
Response: 38474
Conc: 0.02 ng/ml



#11 alpha-Chlordane

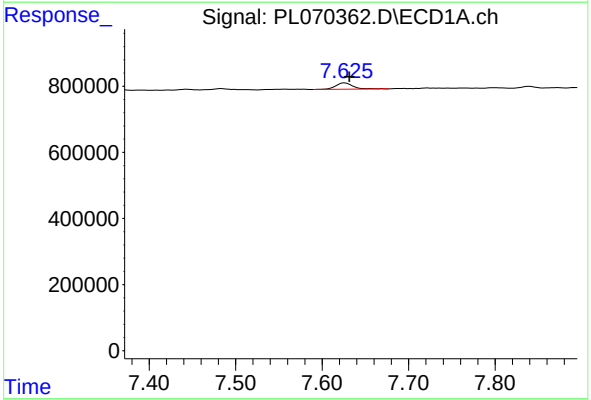
R.T.: 7.444 min
Delta R.T.: 0.025 min
Response: 40230
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



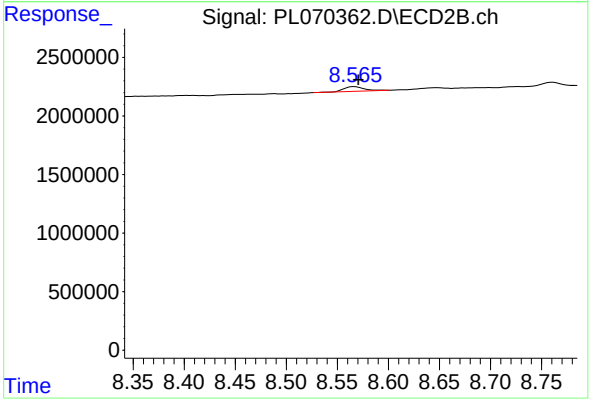
#11 alpha-Chlordane

R.T.: 8.409 min
Delta R.T.: 0.025 min
Response: 181934
Conc: 0.12 ng/ml



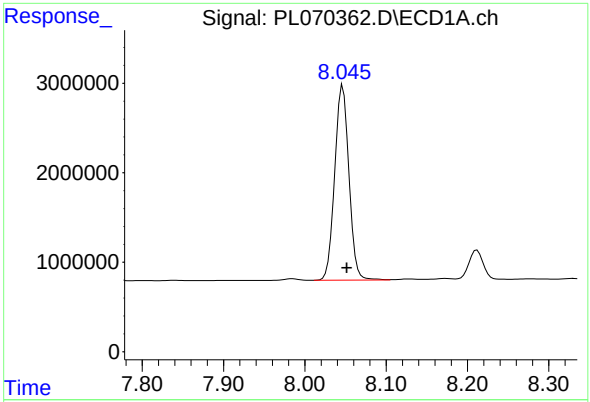
#12 4,4'-DDE

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 261191
Conc: 0.41 ng/ml



#12 4,4'-DDE

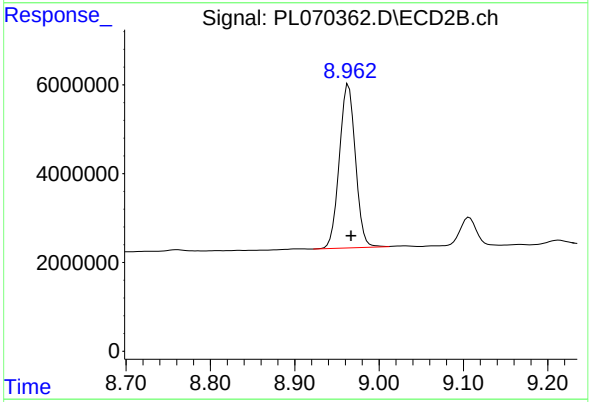
R.T.: 8.567 min
Delta R.T.: -0.004 min
Response: 549922
Conc: 0.36 ng/ml



#14 Endrin

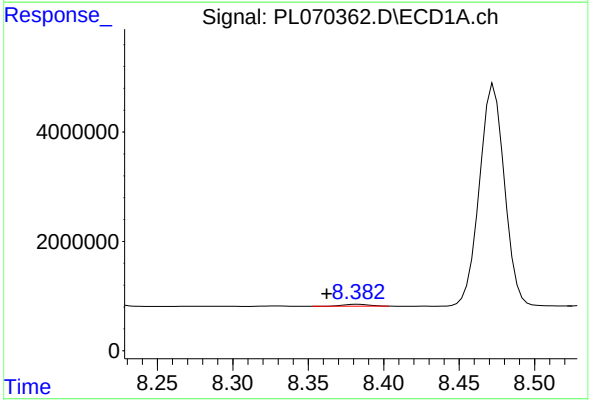
R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 26474388
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



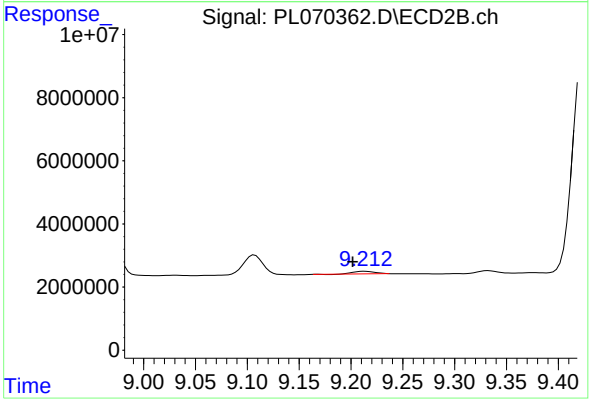
#14 Endrin

R.T.: 8.964 min
Delta R.T.: -0.003 min
Response: 48913377
Conc: 38.94 ng/ml



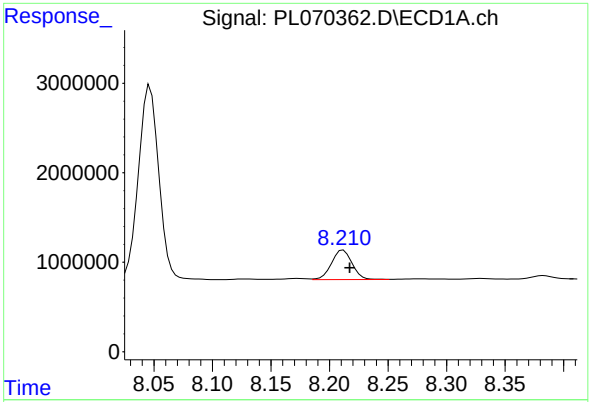
#15 Endosulfan II

R.T.: 8.383 min
Delta R.T.: 0.021 min
Response: 421638
Conc: 0.66 ng/ml



#15 Endosulfan II

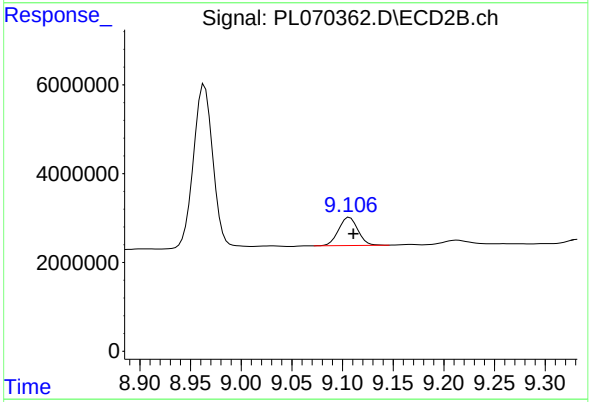
R.T.: 9.213 min
Delta R.T.: 0.012 min
Response: 1161637
Conc: 0.97 ng/ml



#16 4,4'-DDD

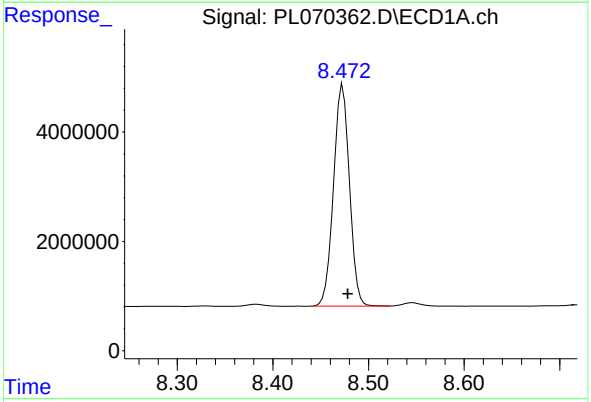
R.T.: 8.212 min
Delta R.T.: -0.005 min
Response: 4039242
Conc: 7.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



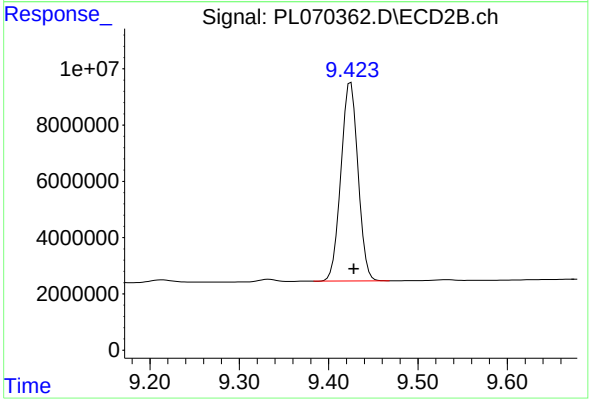
#16 4,4'-DDD

R.T.: 9.107 min
Delta R.T.: -0.004 min
Response: 8410012
Conc: 7.12 ng/ml



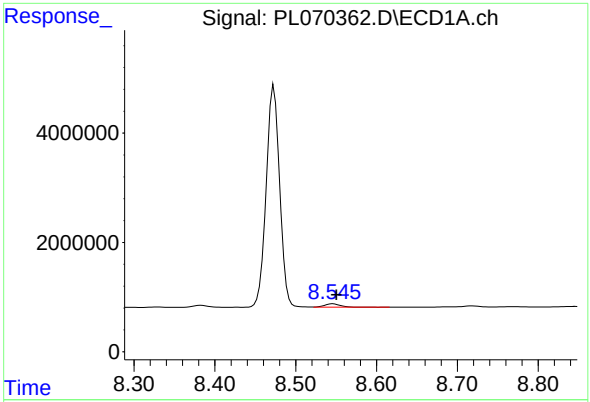
#17 4,4'-DDT

R.T.: 8.473 min
Delta R.T.: -0.005 min
Response: 46898326
Conc: 76.67 ng/ml



#17 4,4'-DDT

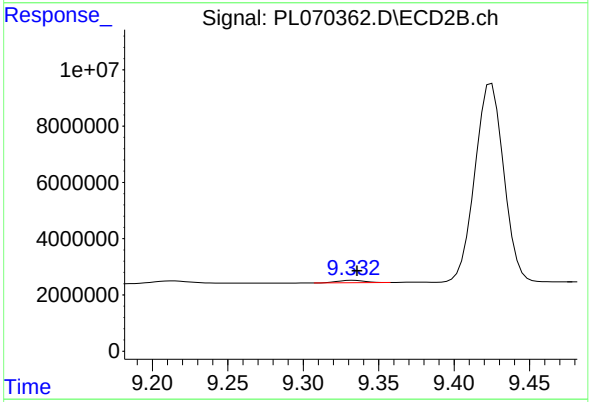
R.T.: 9.425 min
Delta R.T.: -0.003 min
Response: 93774409
Conc: 71.76 ng/ml



#18 Endrin aldehyde

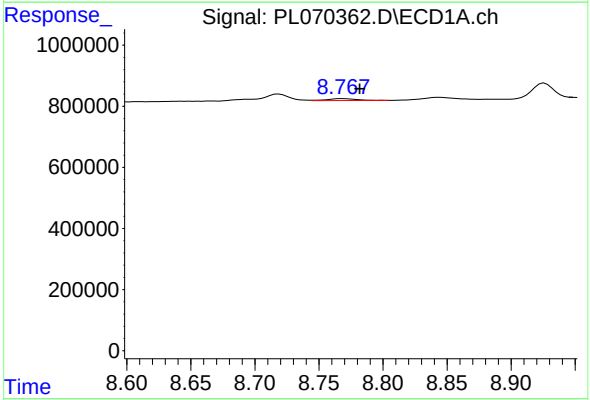
R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 843451
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



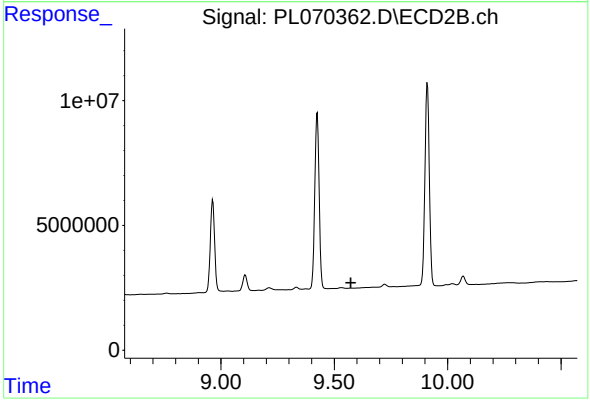
#18 Endrin aldehyde

R.T.: 9.333 min
Delta R.T.: -0.003 min
Response: 1077333
Conc: 1.12 ng/ml



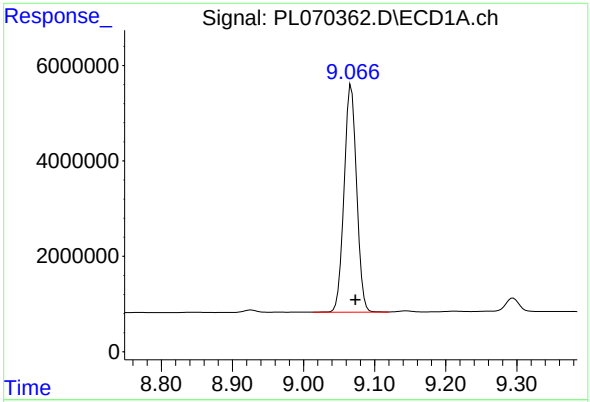
#19 Endosulfan Sulfate

R.T.: 8.768 min
Delta R.T.: -0.013 min
Response: 97228
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

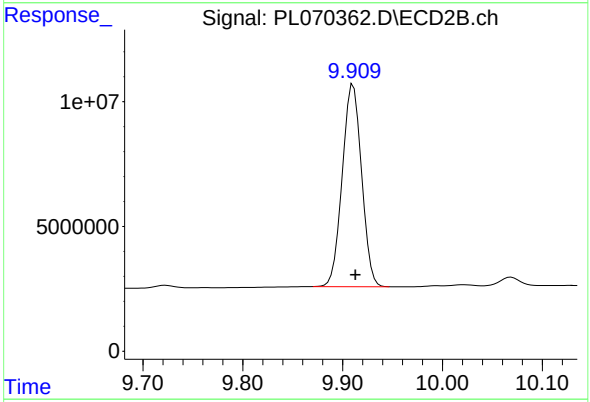
R.T.: 9.574 min
Delta R.T.: 0.000 min
Response: -178354
Conc: N.D.



#20 Methoxychlor

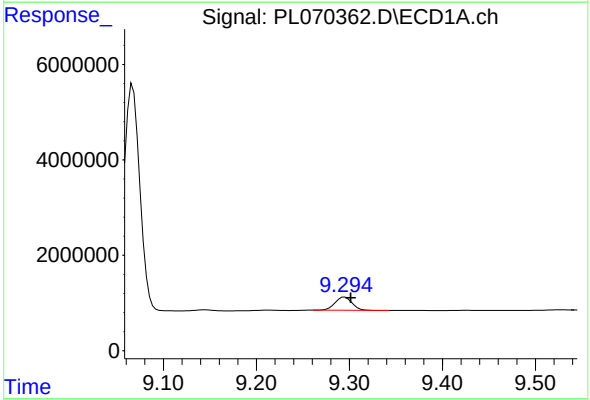
R.T.: 9.067 min
Delta R.T.: -0.006 min
Response: 58383682
Conc: 156.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



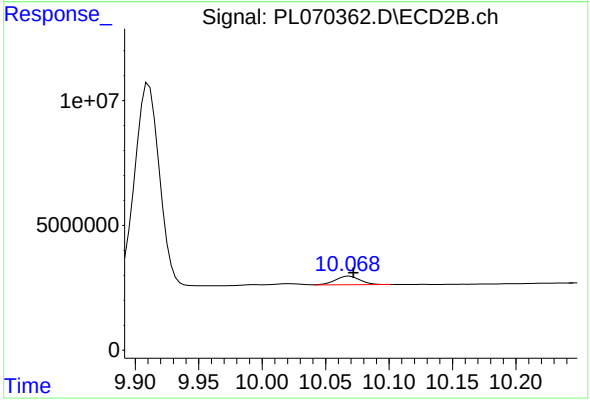
#20 Methoxychlor

R.T.: 9.911 min
Delta R.T.: -0.002 min
Response: 109172916
Conc: 168.70 ng/ml



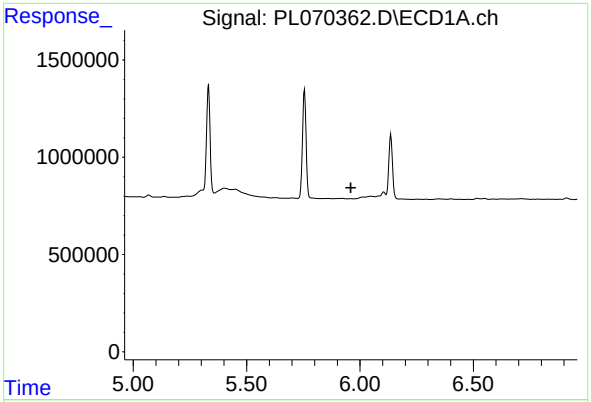
#21 Endrin ketone

R.T.: 9.295 min
Delta R.T.: -0.006 min
Response: 3507820
Conc: 4.59 ng/ml



#21 Endrin ketone

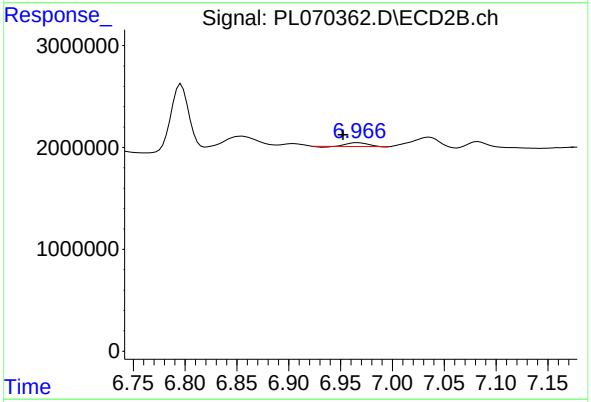
R.T.: 10.069 min
Delta R.T.: -0.003 min
Response: 4691006
Conc: 3.51 ng/ml



#23 Chlordane-1

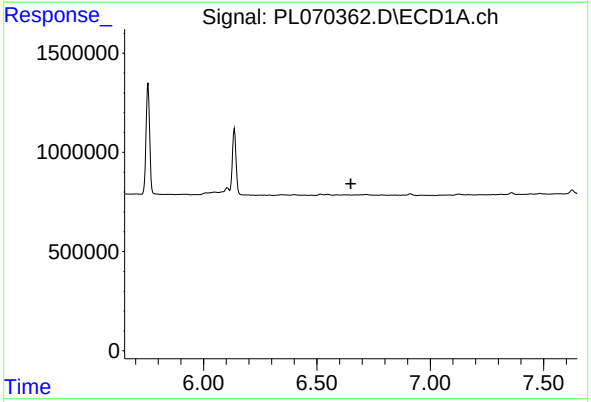
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



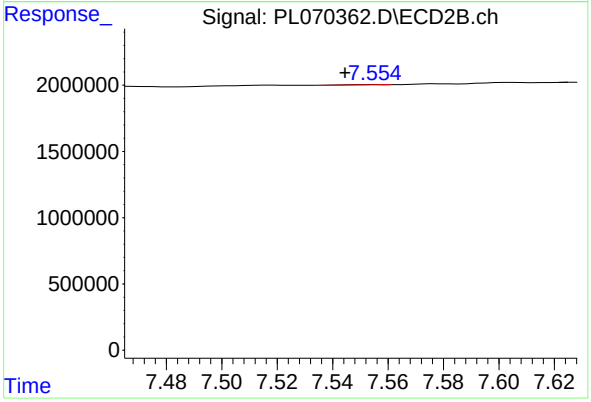
#23 Chlordane-1

R.T.: 6.967 min
Delta R.T.: 0.014 min
Response: 497801
Conc: 10.84 ng/ml



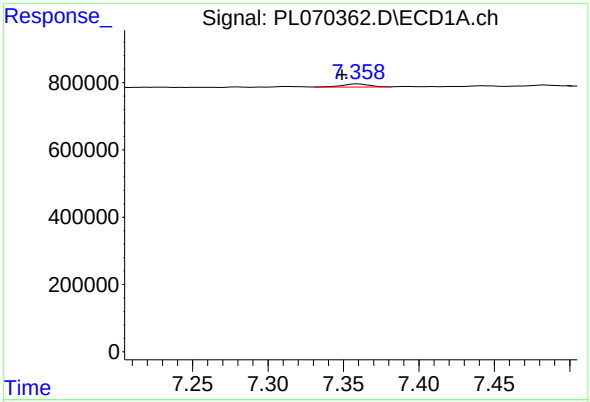
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 6.649 min
Response: 0
Conc: N.D.



#24 Chlordane-2

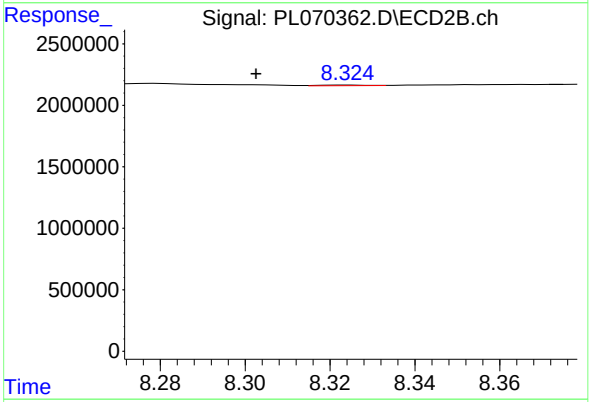
R.T.: 7.555 min
Delta R.T.: 0.011 min
Response: 32547
Conc: 0.60 ng/ml



#25 Chlordane-3

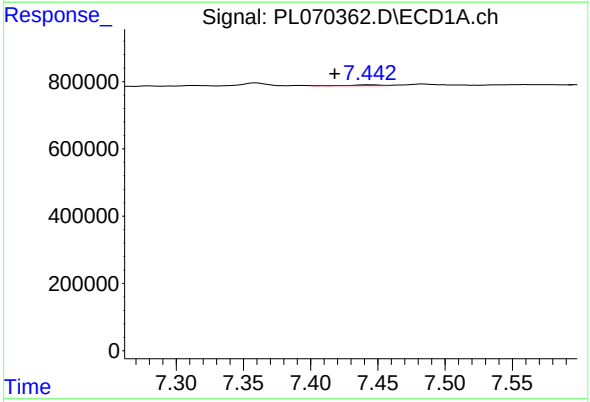
R.T.: 7.360 min
Delta R.T.: 0.010 min
Response: 116745
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



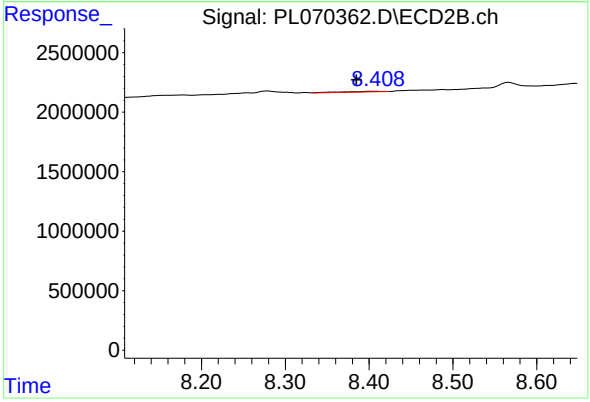
#25 Chlordane-3

R.T.: 8.325 min
Delta R.T.: 0.022 min
Response: 38474
Conc: 0.18 ng/ml



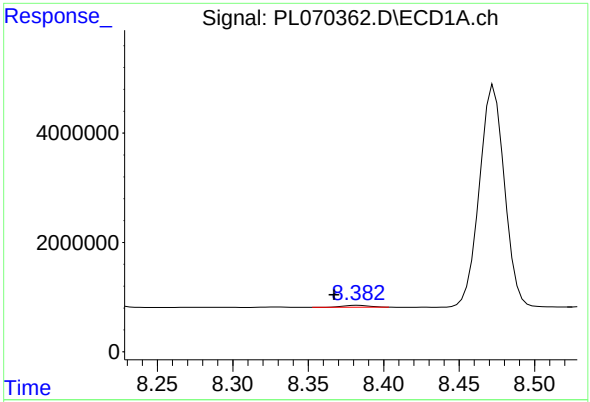
#26 Chlordane-4

R.T.: 7.444 min
Delta R.T.: 0.026 min
Response: 40230
Conc: 0.55 ng/ml



#26 Chlordane-4

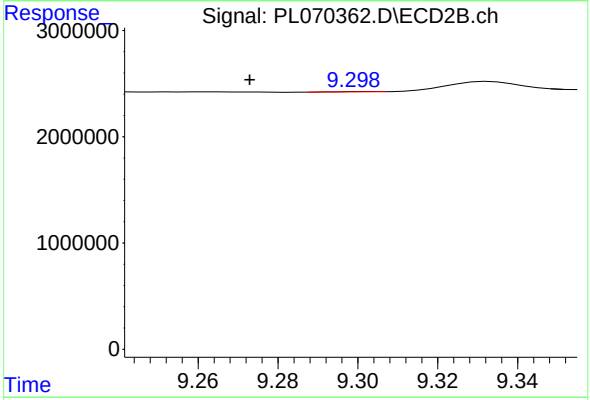
R.T.: 8.409 min
Delta R.T.: 0.024 min
Response: 181934
Conc: 0.72 ng/ml



#27 Chlordane-5

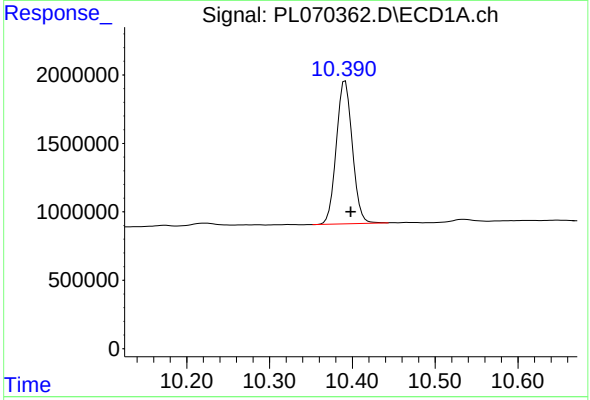
R.T.: 8.383 min
Delta R.T.: 0.016 min
Response: 421638
Conc: 21.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



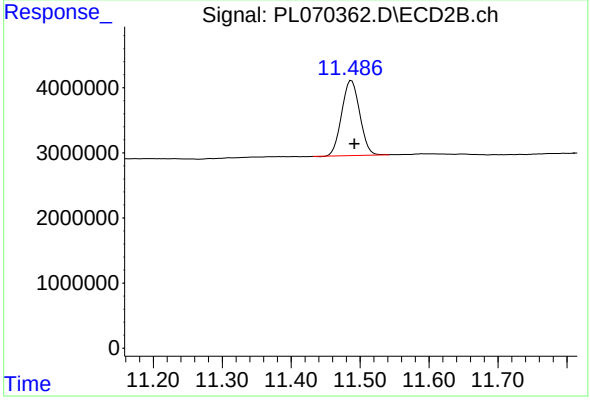
#27 Chlordane-5

R.T.: 9.301 min
Delta R.T.: 0.028 min
Response: 14847
Conc: 0.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.391 min
Delta R.T.: -0.007 min
Response: 14010986
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min
Delta R.T.: -0.004 min
Response: 20995364
Conc: 17.35 ng/ml