Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
Data File : PL084186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2023 16:09
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: Jul 25 21:31:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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...	3.476	2.688	42325129	21141125	21.164	19.036	
28)	SA Decachlor...	9.022	7.869	30224583	24381102	23.220	21.943	
	Target Compounds							
2)	A alpha-BHC	3.933	3.193	28829595	14229432	9.840	8.850	
3)	MA gamma-BHC...	4.267	3.523	27553852	13361726	9.752	8.787	
4)	MA Heptachlor	4.852	0.000	96352	0	0.035	N.D.	#
5)	MB Aldrin	0.000	4.158	0	68458	N.D.	0.045	#
6)	B beta-BHC	4.466	3.825	14487878	6927025	12.075	10.495	
7)	B delta-BHC	0.000	4.058	0	32966	N.D.	0.022	#
8)	B Heptachlo...	0.000	4.657	0	20229	N.D.	0.016	#
9)	A Endosulfan I	0.000	5.033	0	38489	N.D.	0.031	#
10)	B gamma-Chl...	5.865f	4.918	1365339	599220	0.529	0.450	
11)	B alpha-Chl...	0.000	4.986f	0	72148	N.D.	0.054	#
12)	B 4,4'-DDE	6.147	5.167	736084	313947	0.366	0.256	#
13)	MA Dieldrin	0.000	5.301	0	44714	N.D.	0.034	#
14)	MA Endrin	6.524	5.564	86227258	53685855	45.277	48.839	
15)	B Endosulfa...	0.000	5.846f	0	50070	N.D.	0.044	#
16)	A 4,4'-DDD	6.666	5.724	5907234	3565173	4.023	3.716	
17)	MA 4,4'-DDT	6.982	5.976	151.2E6	108.0E6	94.799	118.628	#
18)	B Endrin al...	6.876	6.043	2764569	2070849	1.887	2.304	
19)	B Endosulfa...	7.086f	6.268	430797	46116	0.249	0.042	#
20)	A Methoxychlor	7.463	6.561	179.8E6	135.5E6	229.840	282.784	
21)	B Endrin ke...	7.594	6.772	4696423	4365538	2.680	3.379	#
22)	Mirex	0.000	6.938f	0	23262	N.D.	0.023	#
24)	Chlordane-2	0.000	4.282	0	90449	N.D.	0.213	#
25)	Chlordane-3	5.865f	4.918	1365339	599220	0.389	0.437	
26)	Chlordane-4	0.000	4.952f	0	31728	N.D.	0.022	#
27)	Chlordane-5	0.000	5.846f	0	50070	N.D.	0.109	#

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

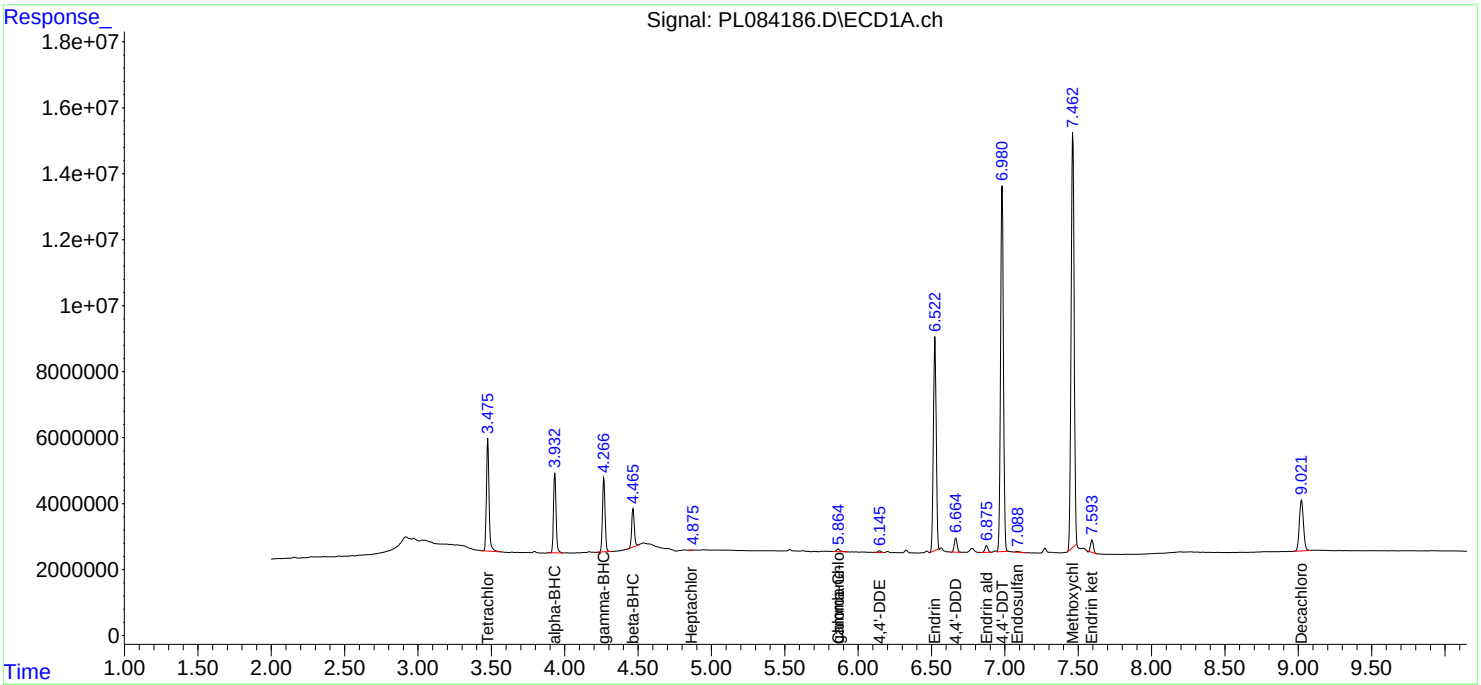
Quantitation Report (Not Reviewed)

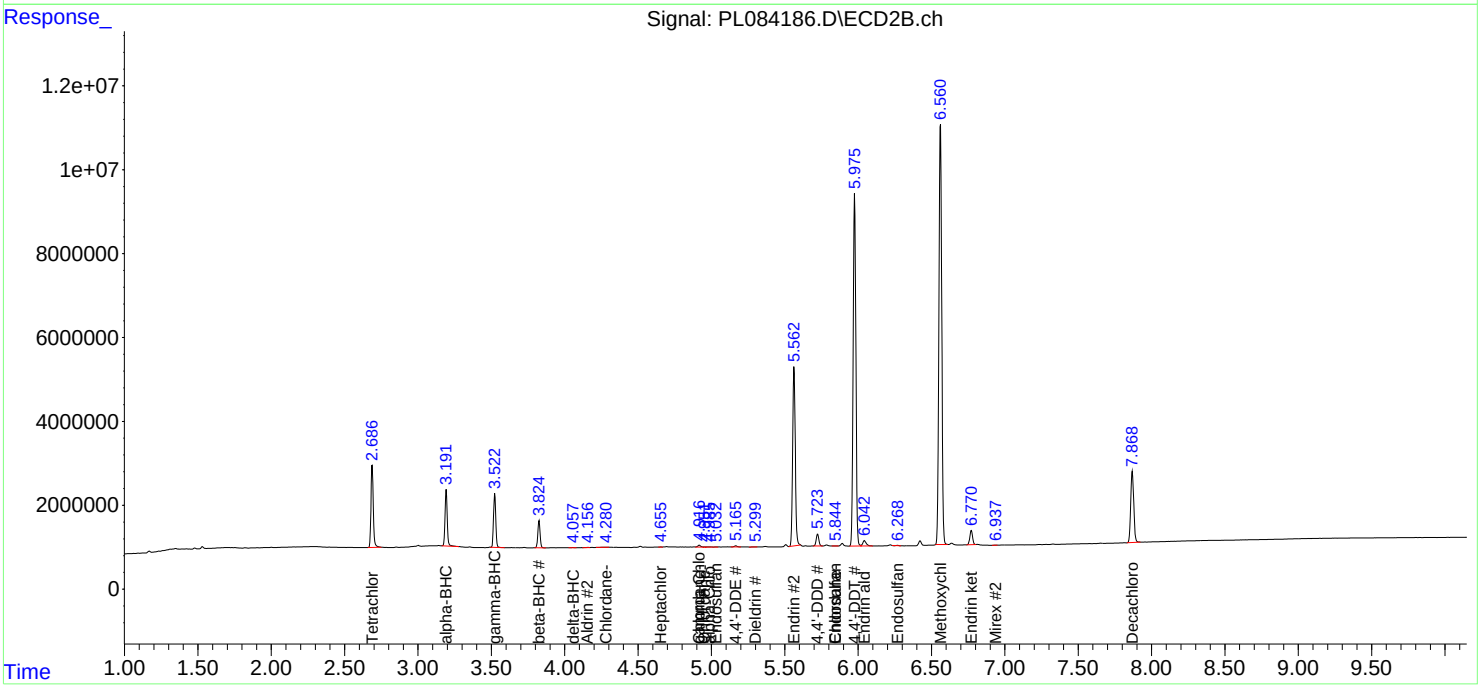
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
Data File : PL084186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jul 2023 16:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

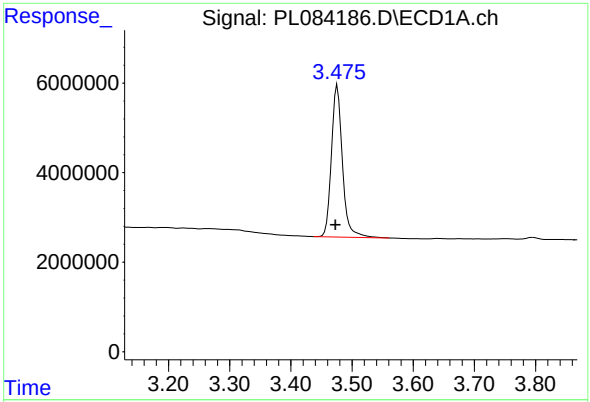
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 21:31:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 2023
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



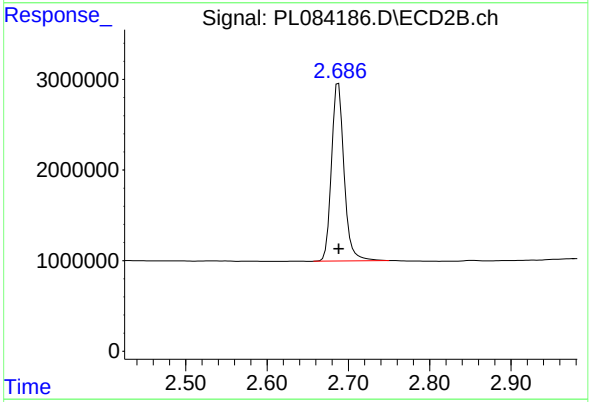




#1 Tetrachloro-m-xylene

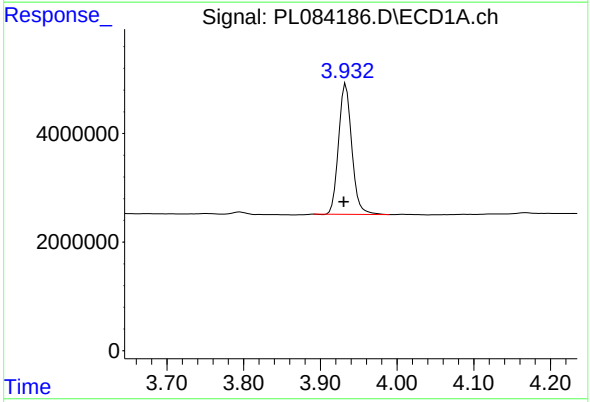
R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 42325129
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



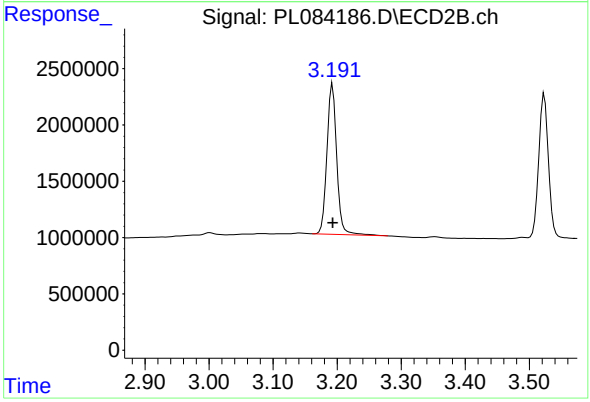
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 21141125
Conc: 19.04 ng/ml



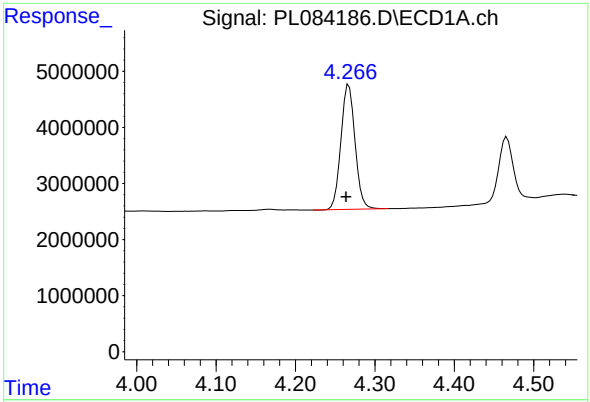
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.003 min
Response: 28829595
Conc: 9.84 ng/ml



#2 alpha-BHC

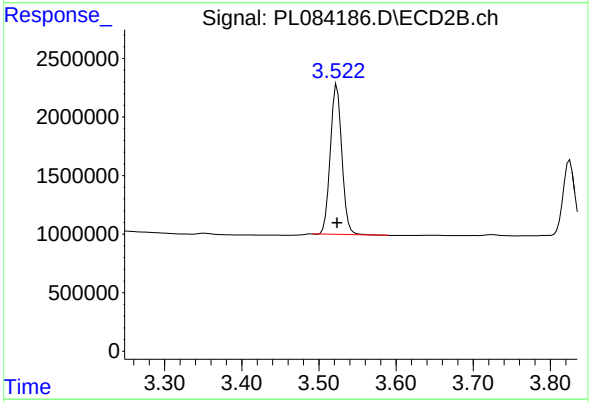
R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 14229432
Conc: 8.85 ng/ml



#3 gamma-BHC (Lindane)

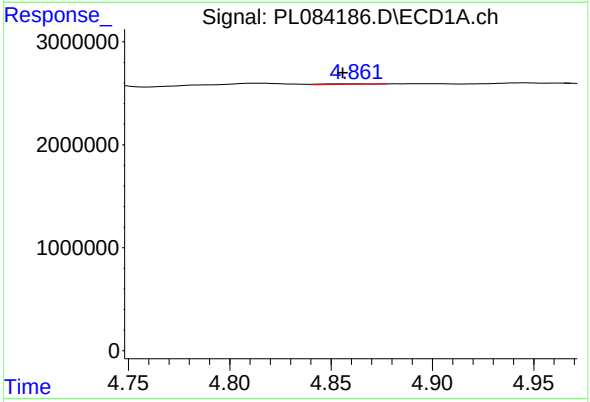
R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 27553852
Conc: 9.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



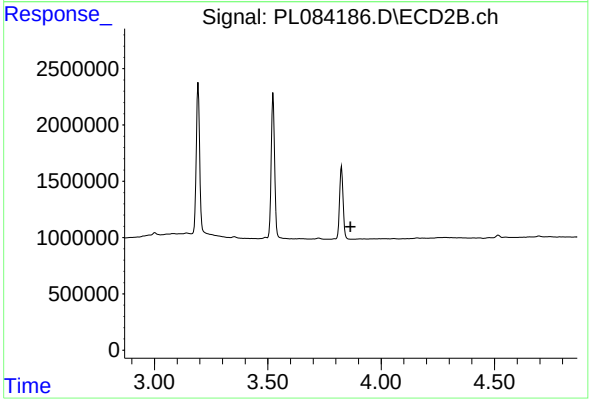
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13361726
Conc: 8.79 ng/ml



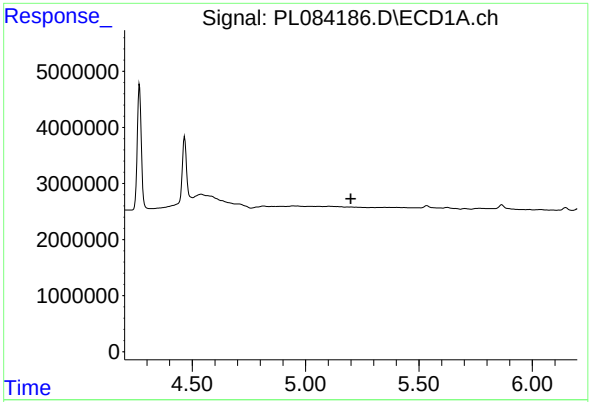
#4 Heptachlor

R.T.: 4.852 min
Delta R.T.: -0.004 min
Response: 96352
Conc: 0.04 ng/ml



#4 Heptachlor

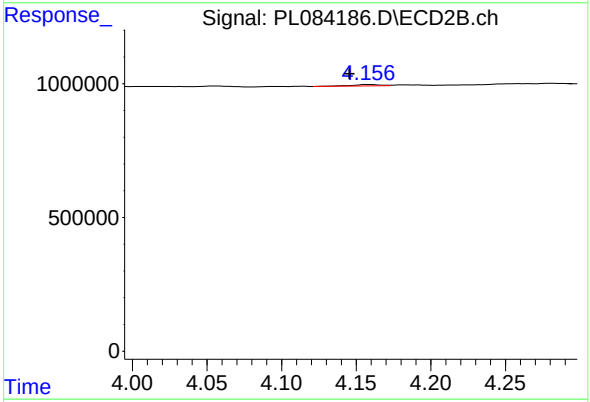
R.T.: 0.000 min
Exp R.T. : 3.865 min
Response: 0
Conc: N.D.



#5 Aldrin

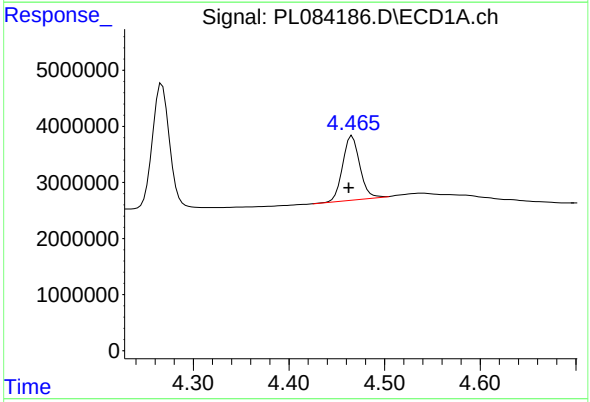
R.T.: 0.000 min
Exp R.T. : 5.199 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



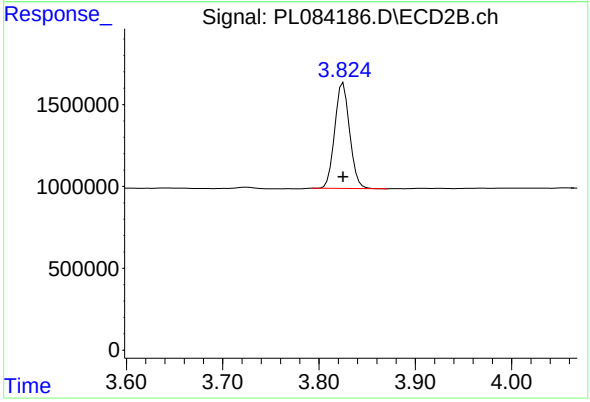
#5 Aldrin

R.T.: 4.158 min
Delta R.T.: 0.013 min
Response: 68458
Conc: 0.05 ng/ml



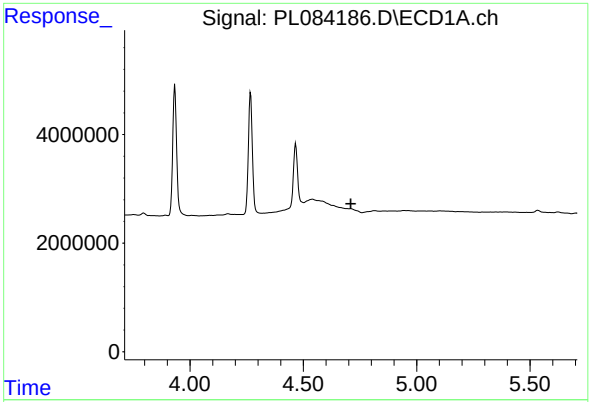
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: 0.004 min
Response: 14487878
Conc: 12.07 ng/ml



#6 beta-BHC

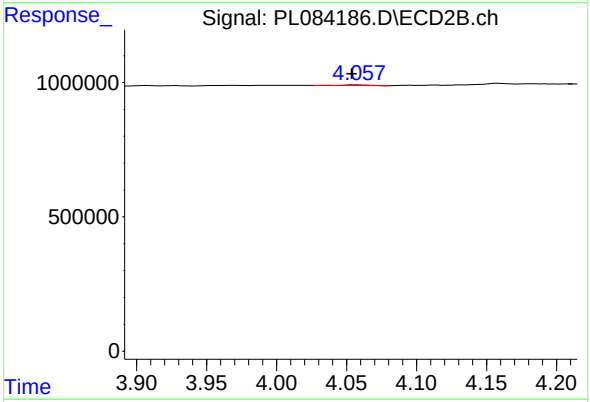
R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6927025
Conc: 10.49 ng/ml



#7 delta-BHC

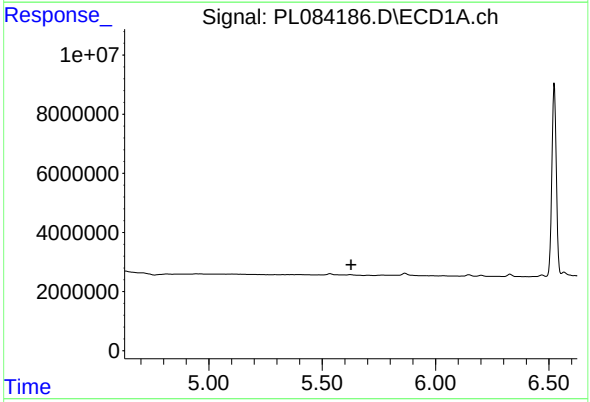
R.T.: 0.000 min
Exp R.T. : 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



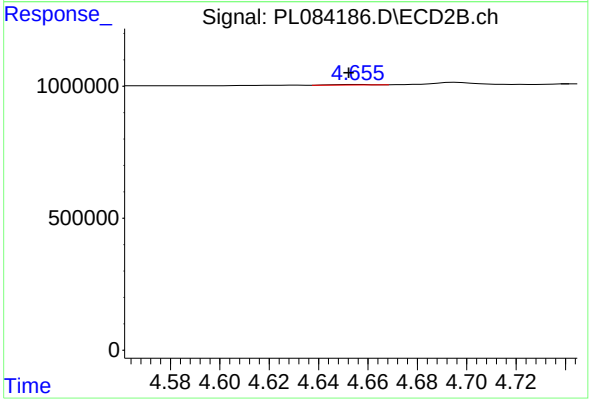
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: 0.005 min
Response: 32966
Conc: 0.02 ng/ml



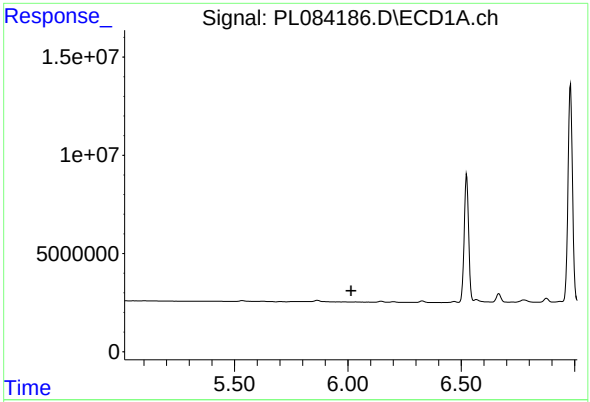
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.628 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

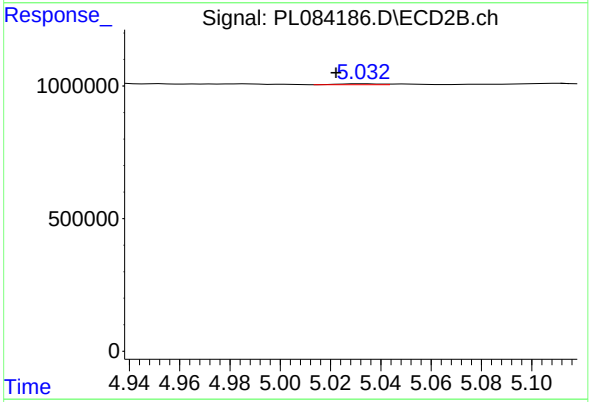
R.T.: 4.657 min
Delta R.T.: 0.004 min
Response: 20229
Conc: 0.02 ng/ml



#9 Endosulfan I

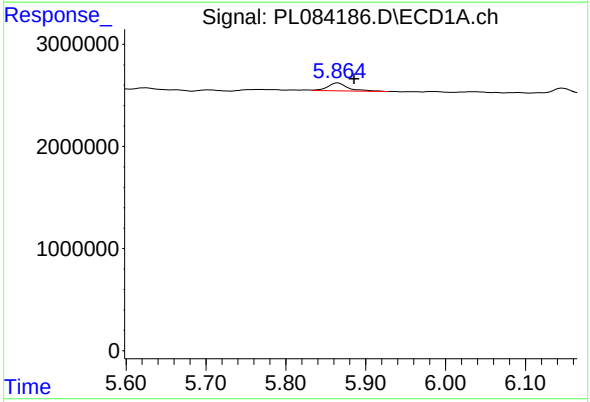
R.T.: 0.000 min
Exp R.T. : 6.014 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



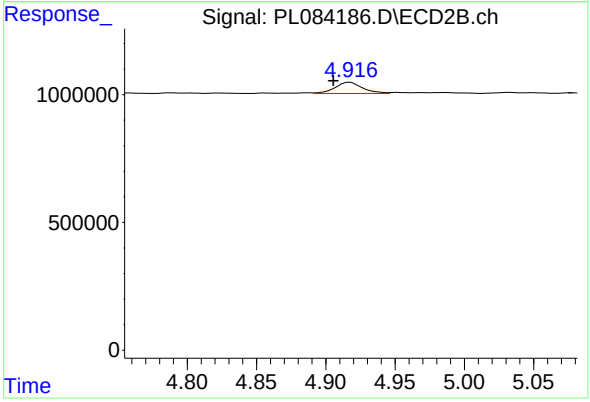
#9 Endosulfan I

R.T.: 5.033 min
Delta R.T.: 0.011 min
Response: 38489
Conc: 0.03 ng/ml



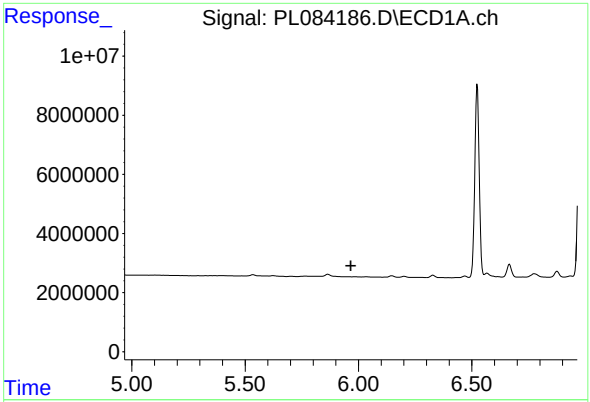
#10 gamma-Chlordane

R.T.: 5.865 min
Delta R.T.: -0.020 min
Response: 1365339
Conc: 0.53 ng/ml



#10 gamma-Chlordane

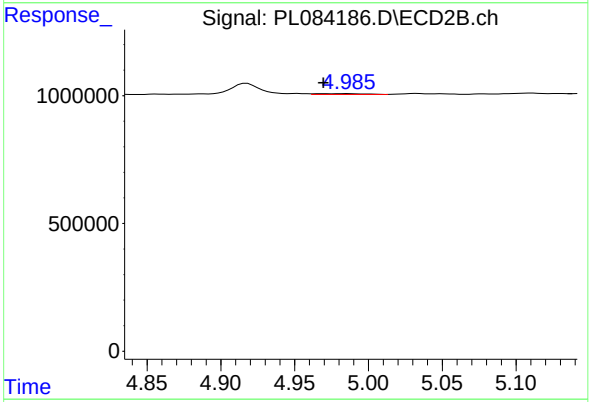
R.T.: 4.918 min
Delta R.T.: 0.012 min
Response: 599220
Conc: 0.45 ng/ml



#11 alpha-Chlordane

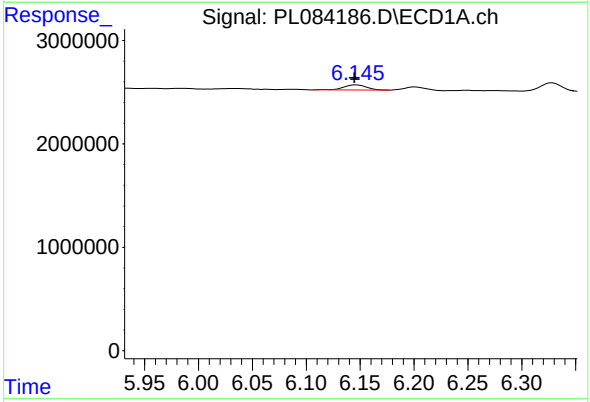
R.T.: 0.000 min
Exp R.T. : 5.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



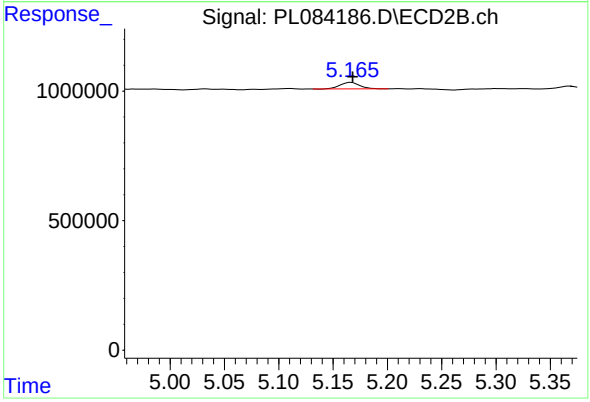
#11 alpha-Chlordane

R.T.: 4.986 min
Delta R.T.: 0.017 min
Response: 72148
Conc: 0.05 ng/ml



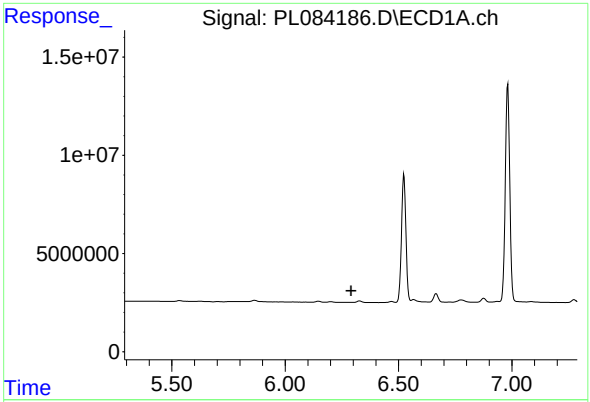
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 736084
Conc: 0.37 ng/ml



#12 4,4'-DDE

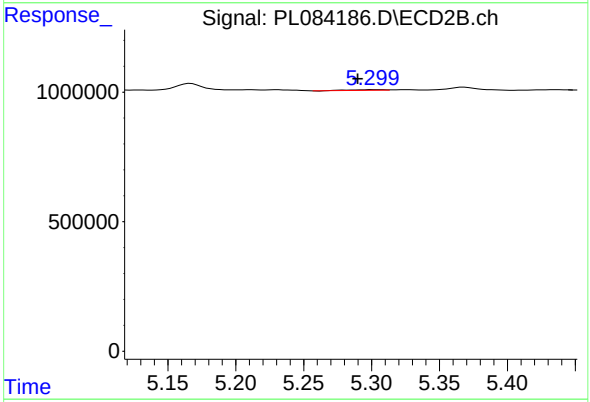
R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 313947
Conc: 0.26 ng/ml



#13 Dieldrin

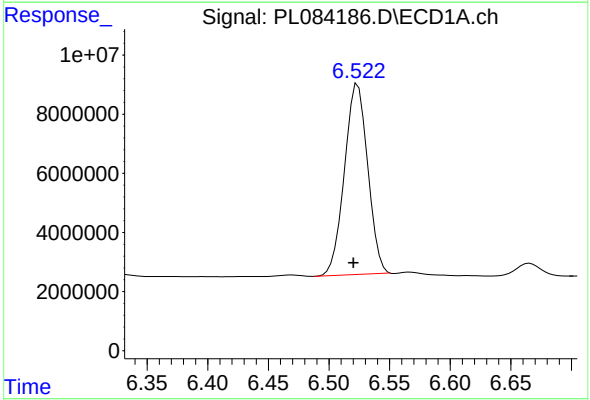
R.T.: 0.000 min
Exp R.T. : 6.291 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



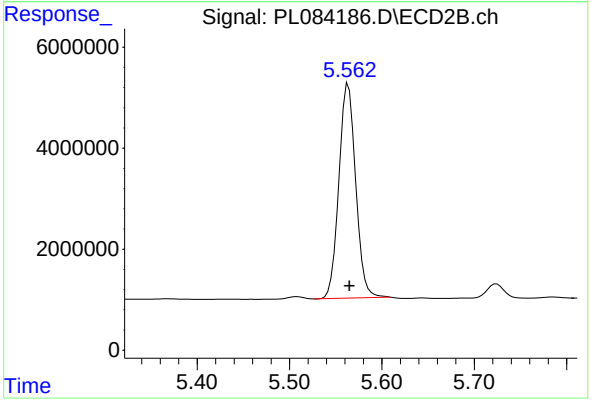
#13 Dieldrin

R.T.: 5.301 min
Delta R.T.: 0.011 min
Response: 44714
Conc: 0.03 ng/ml



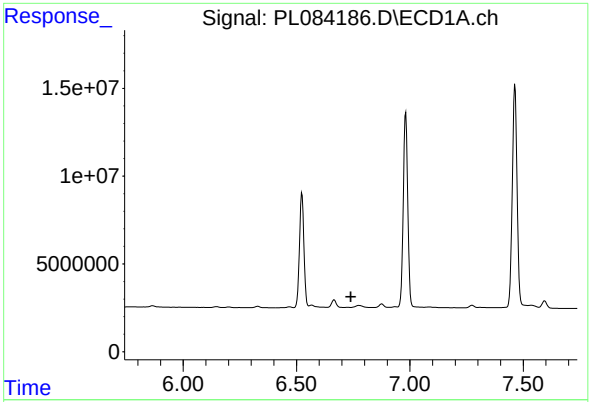
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 86227258
Conc: 45.28 ng/ml



#14 Endrin

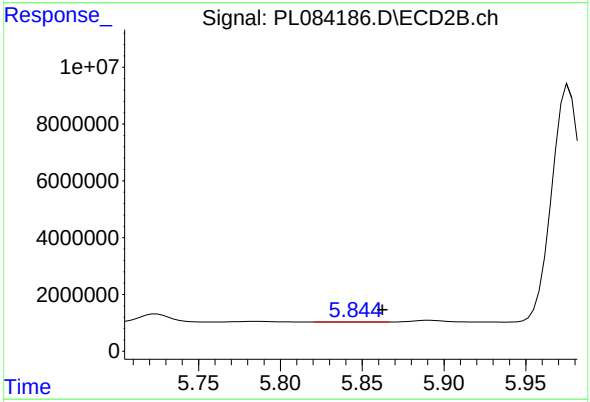
R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 53685855
Conc: 48.84 ng/ml



#15 Endosulfan II

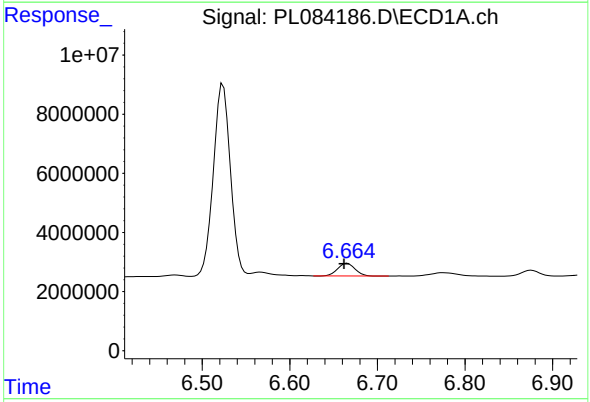
R.T.: 0.000 min
Exp R.T. : 6.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



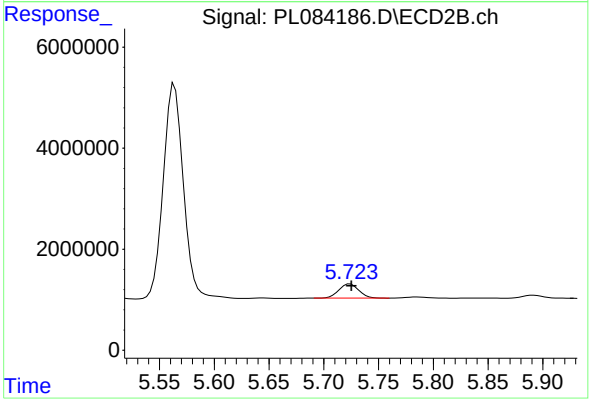
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: -0.017 min
Response: 50070
Conc: 0.04 ng/ml



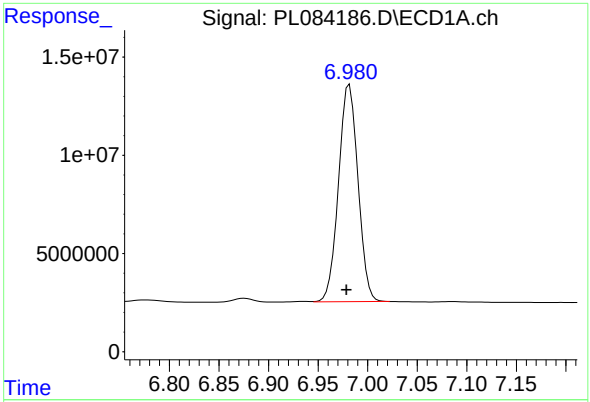
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 5907234
Conc: 4.02 ng/ml



#16 4,4'-DDD

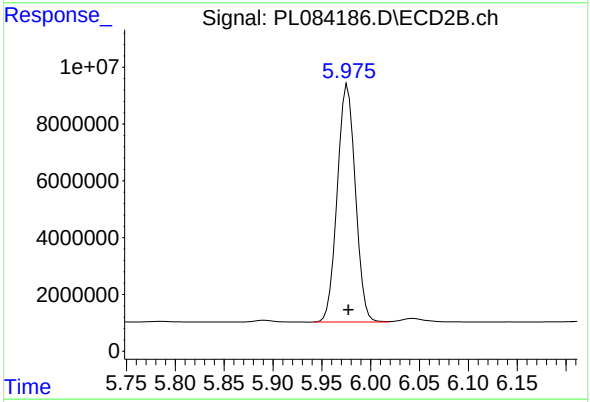
R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 3565173
Conc: 3.72 ng/ml



#17 4,4'-DDT

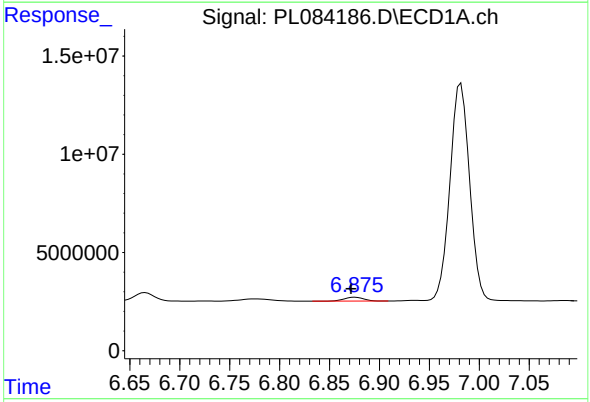
R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 151184409
Conc: 94.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



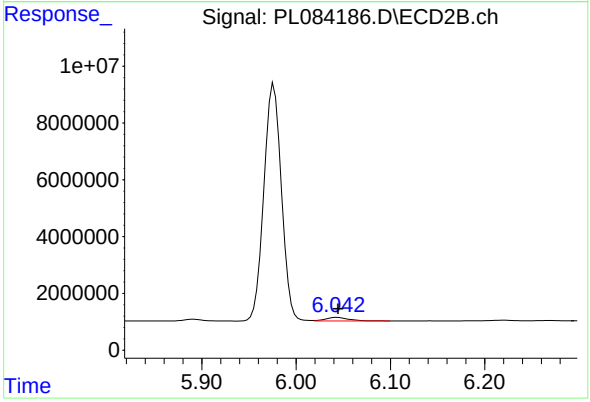
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 108045345
Conc: 118.63 ng/ml



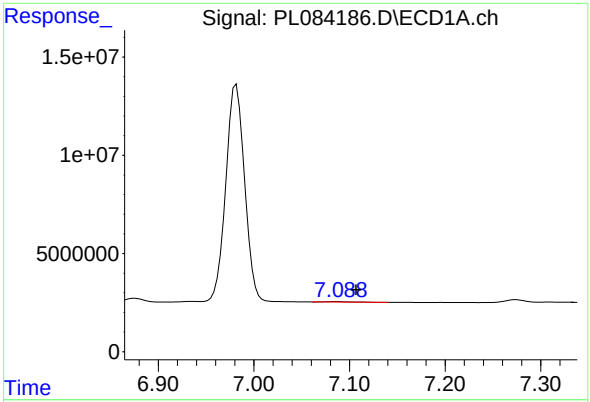
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 2764569
Conc: 1.89 ng/ml



#18 Endrin aldehyde

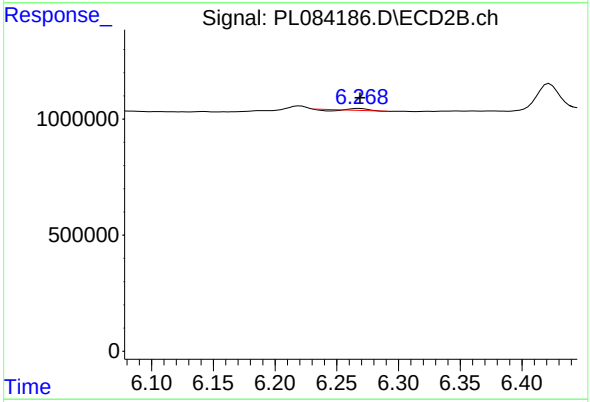
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2070849
Conc: 2.30 ng/ml



#19 Endosulfan Sulfate

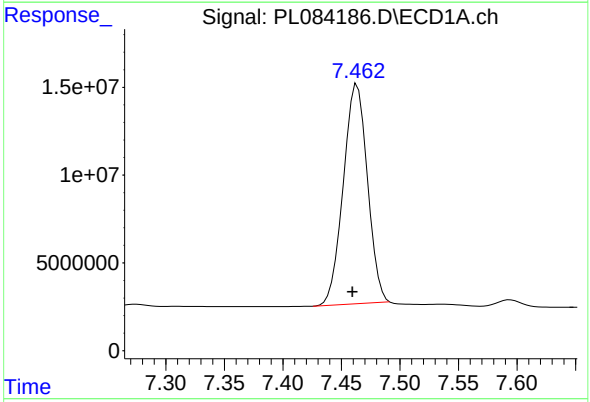
R.T.: 7.086 min
Delta R.T.: -0.021 min
Response: 430797
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



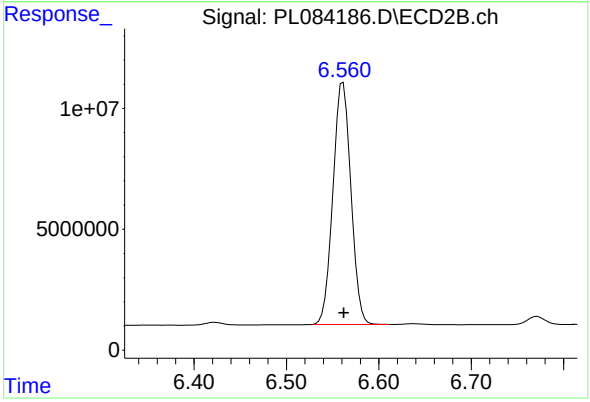
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 46116
Conc: 0.04 ng/ml



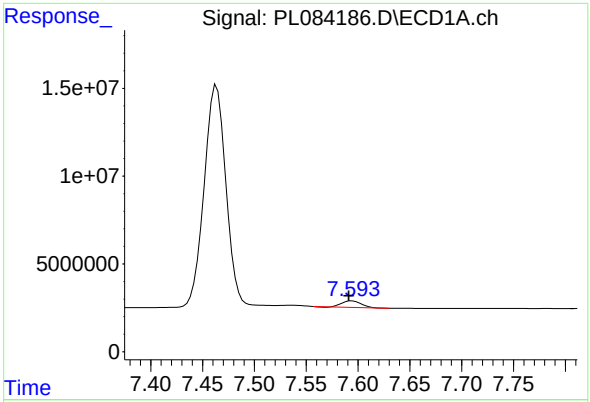
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 179785506
Conc: 229.84 ng/ml



#20 Methoxychlor

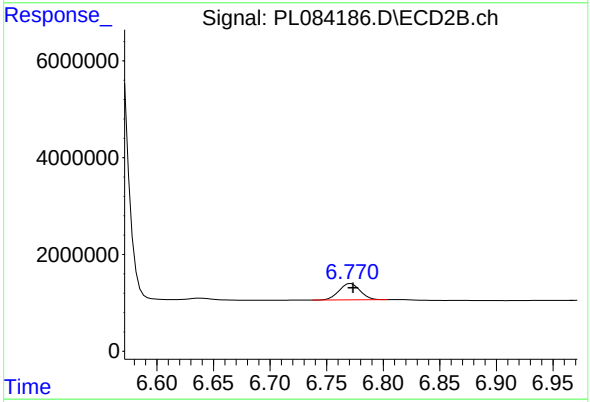
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 135521778
Conc: 282.78 ng/ml



#21 Endrin ketone

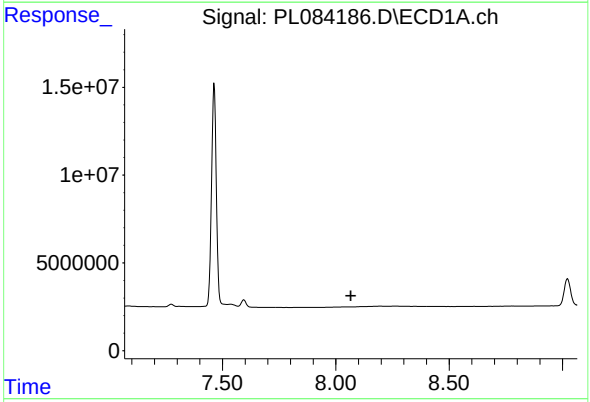
R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 4696423
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



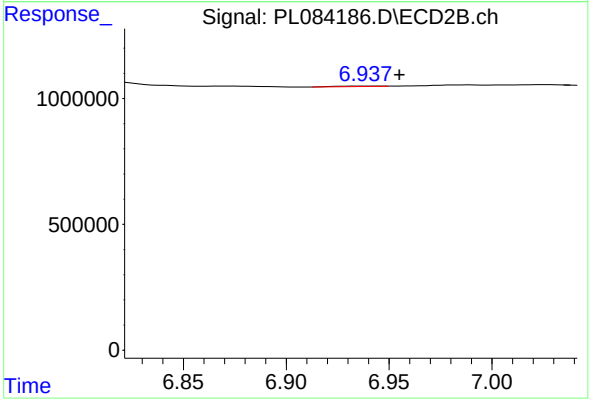
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 4365538
Conc: 3.38 ng/ml



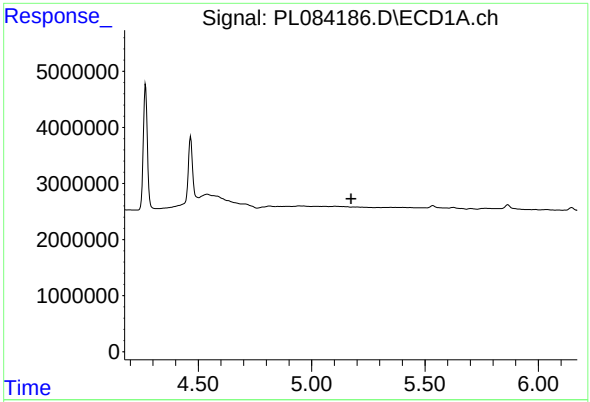
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.066 min
Response: 0
Conc: N.D.



#22 Mirex

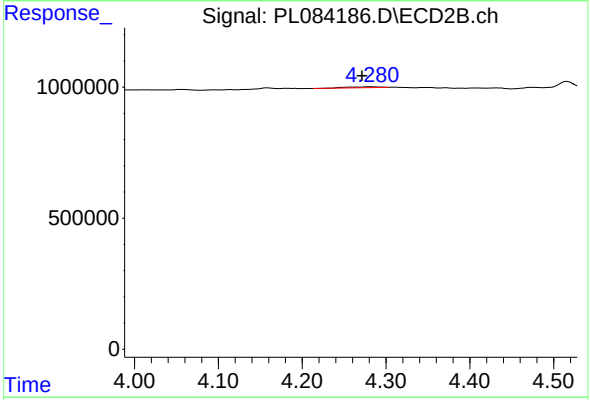
R.T.: 6.938 min
Delta R.T.: -0.017 min
Response: 23262
Conc: 0.02 ng/ml



#24 Chlordane-2

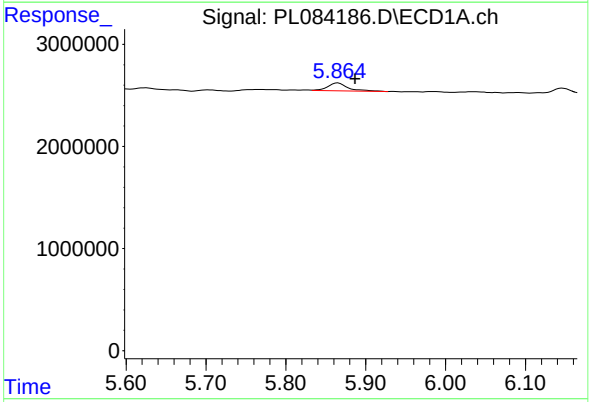
R.T.: 0.000 min
Exp R.T. : 5.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



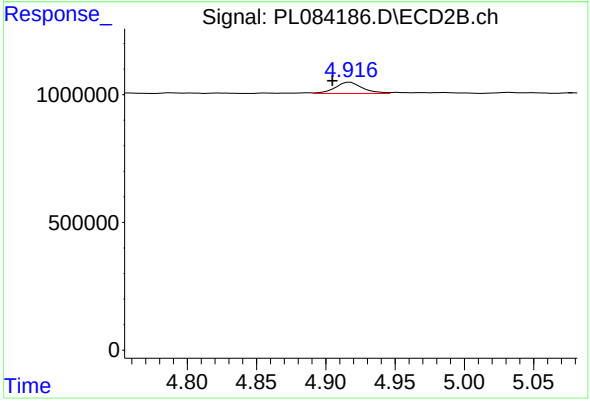
#24 Chlordane-2

R.T.: 4.282 min
Delta R.T.: 0.011 min
Response: 90449
Conc: 0.21 ng/ml



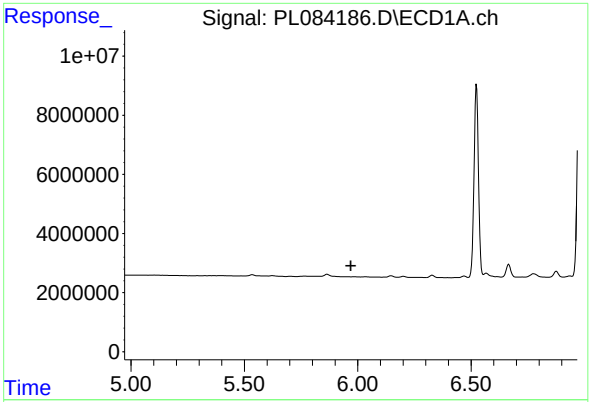
#25 Chlordane-3

R.T.: 5.865 min
Delta R.T.: -0.021 min
Response: 1365339
Conc: 0.39 ng/ml



#25 Chlordane-3

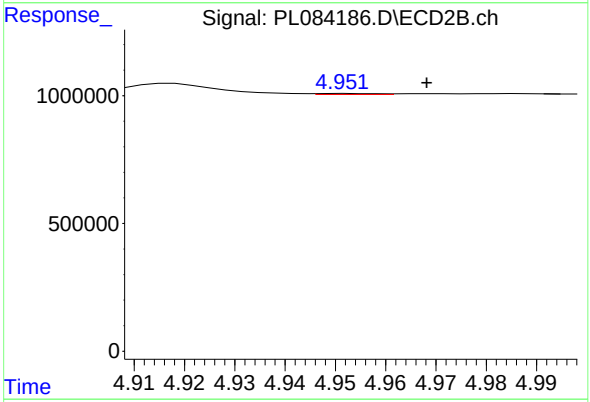
R.T.: 4.918 min
Delta R.T.: 0.013 min
Response: 599220
Conc: 0.44 ng/ml



#26 Chlordane-4

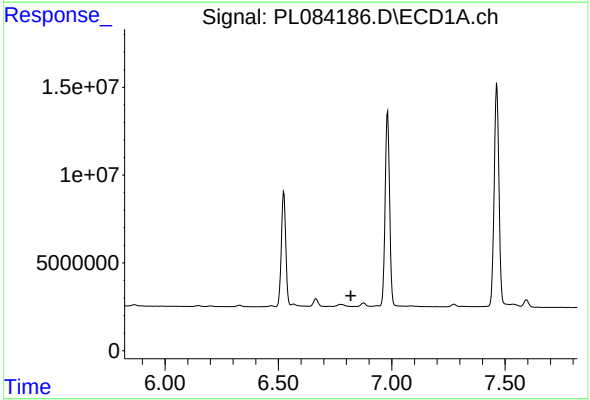
R.T.: 0.000 min
Exp R.T. : 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



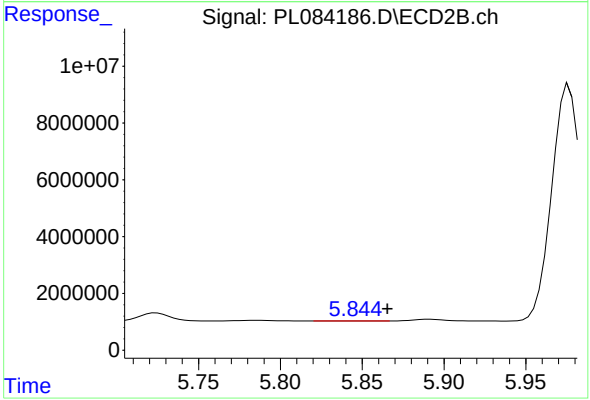
#26 Chlordane-4

R.T.: 4.952 min
Delta R.T.: -0.016 min
Response: 31728
Conc: 0.02 ng/ml



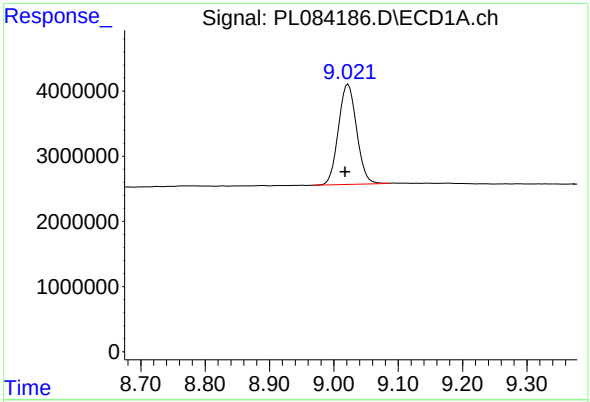
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.819 min
Response: 0
Conc: N.D.



#27 Chlordane-5

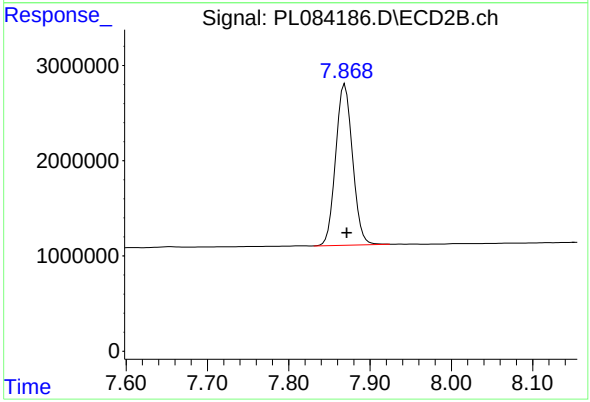
R.T.: 5.846 min
Delta R.T.: -0.020 min
Response: 50070
Conc: 0.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.005 min
Response: 30224583
Conc: 23.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 24381102
Conc: 21.94 ng/ml