Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080123\
Data File : PL084400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2023 20:10
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: Aug 01 05:32:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080123.M
Quant Title : GC Extractables
QLast Update : Mon Jul 31 17:26:06 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	2.686	44795090	21119105	19.387	19.317	
28)	SA Decachlor...	9.024	7.869	32253080	25287332	21.001	20.680	
	Target Compounds							
2)	A alpha-BHC	3.933	3.191	31131306	14608818	9.129	8.919	
3)	MA gamma-BHC...	4.267	3.522	29781253	13701723	9.103	8.597	
4)	MA Heptachlor	4.863	0.000	948050	0	0.272	N.D.	#
5)	MB Aldrin	0.000	4.157	0	44825	N.D.	0.030	#
6)	B beta-BHC	4.467	3.824	14935401	7016369	10.346	10.108	
7)	B delta-BHC	0.000	4.063	0	23443	N.D.	0.015	#
8)	B Heptachlo...	5.630	4.654	3817577	12460	1.248	0.009	#
9)	A Endosulfan I	6.011	5.035	800473	334902	0.301	0.262	
10)	B gamma-Chl...	0.000	4.893	0	78021	N.D.	0.056	#
11)	B alpha-Chl...	0.000	4.974	0	678356	N.D.	0.482	#
12)	B 4,4'-DDE	6.149	5.165	416814	87874	0.182	0.070	#
13)	MA Dieldrin	0.000	5.290	0	365214	N.D.	0.261	#
14)	MA Endrin	6.524	5.563	96529230	58380894	43.908	46.553	
15)	B Endosulfa...	6.730	5.838f	103104	78701	0.049	0.064	#
16)	A 4,4'-DDD	6.667	5.723	1041777	142175	0.637	0.136	#
17)	MA 4,4'-DDT	6.983	5.975	173.3E6	121.6E6	97.305	102.060	
18)	B Endrin al...	6.877	6.043	2336507	1909059	1.414	1.895	#
19)	B Endosulfa...	0.000	6.265	0	62666	N.D.	0.052	#
20)	A Methoxychlor	7.464	6.560	206.4E6	159.2E6	223.432	227.194	
21)	B Endrin ke...	7.596	6.770	3251366	1552222	1.633	1.058	#
22)	Mirex	0.000	6.934f	0	61794	N.D.	0.053	#
23)	Chlordane-1	0.000	3.699	0	30578	N.D.	0.078	#
25)	Chlordane-3	0.000	4.893	0	78021	N.D.	0.057	#
26)	Chlordane-4	0.000	4.974	0	678356	N.D.	0.474	#
27)	Chlordane-5	0.000	5.892f	0	148459	N.D.	0.294	#

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

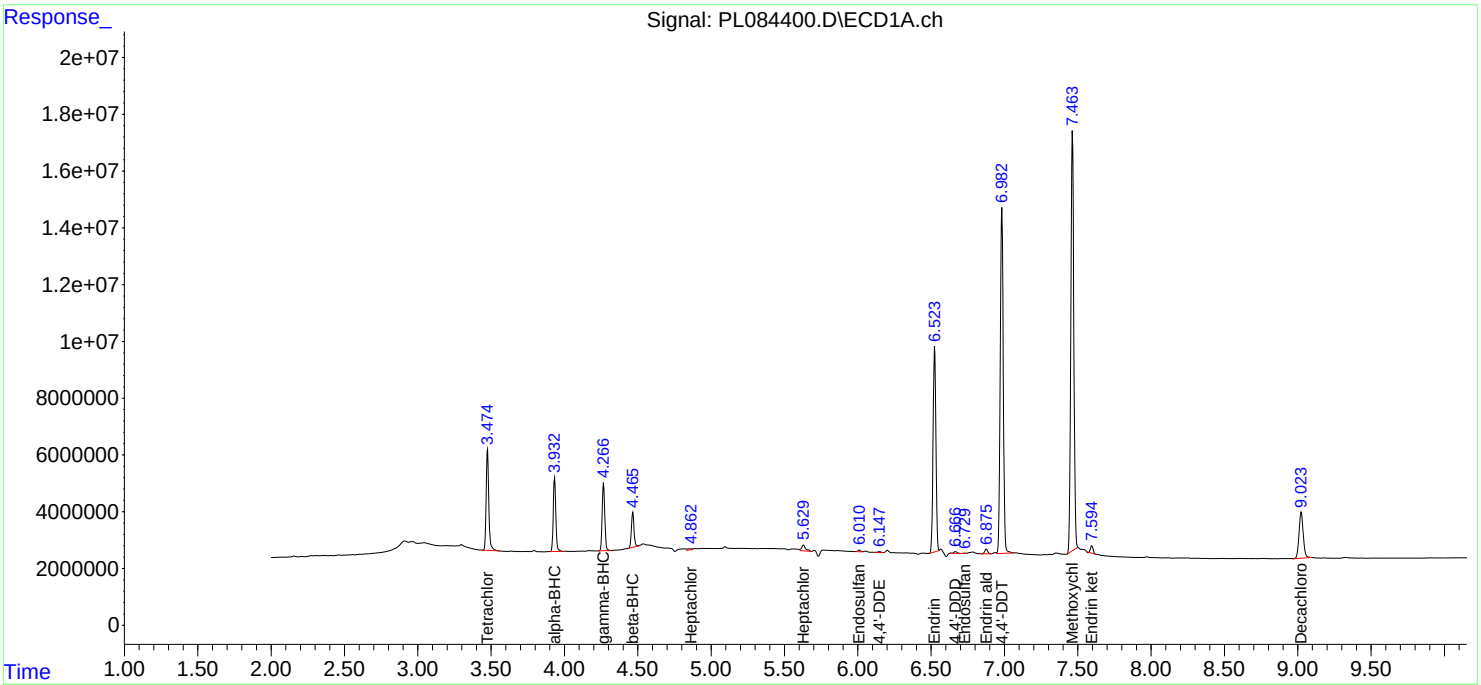
Quantitation Report (Not Reviewed)

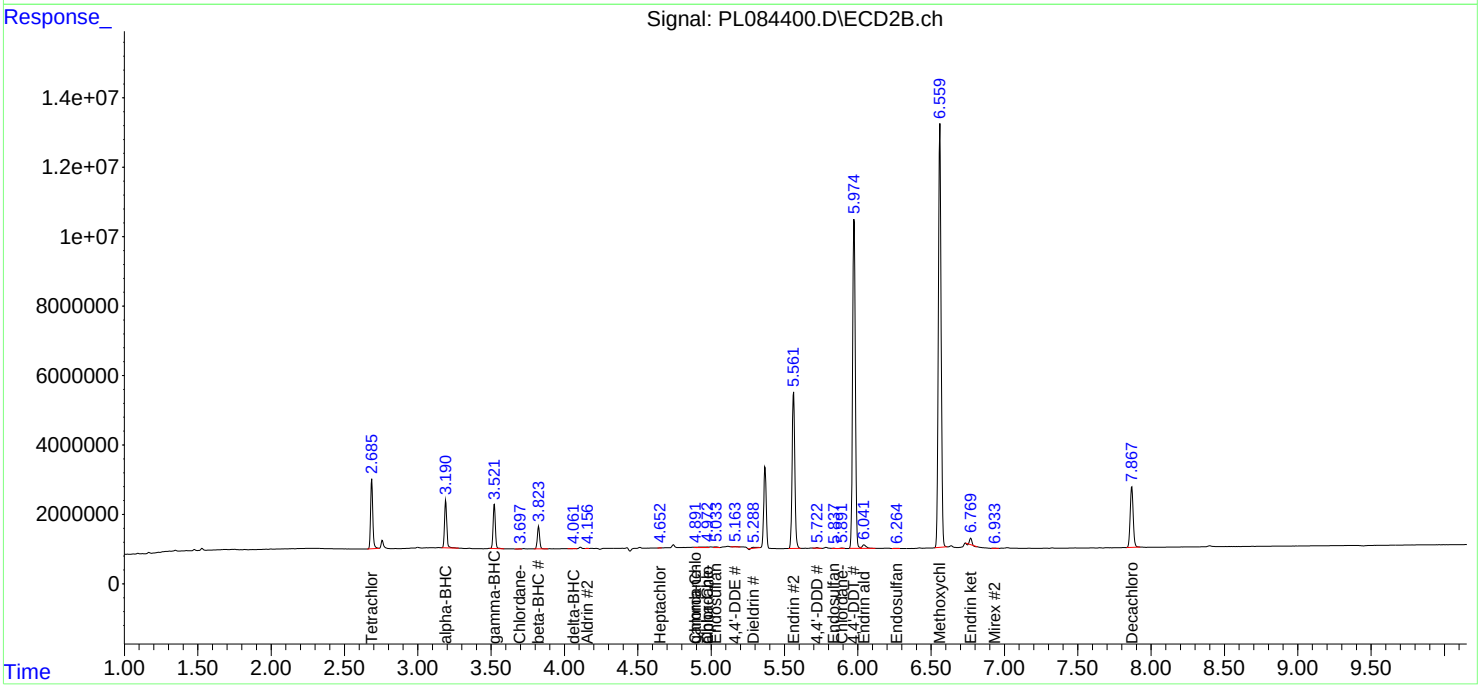
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080123\
Data File : PL084400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2023 20:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

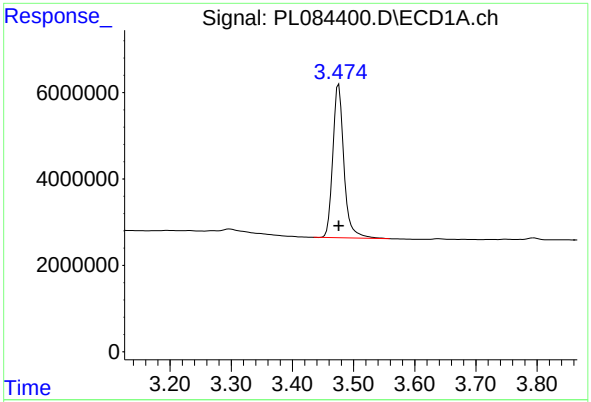
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 05:32:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080123.M
Quant Title : GC Extractables
QLast Update : Mon Jul 31 17:26:06 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



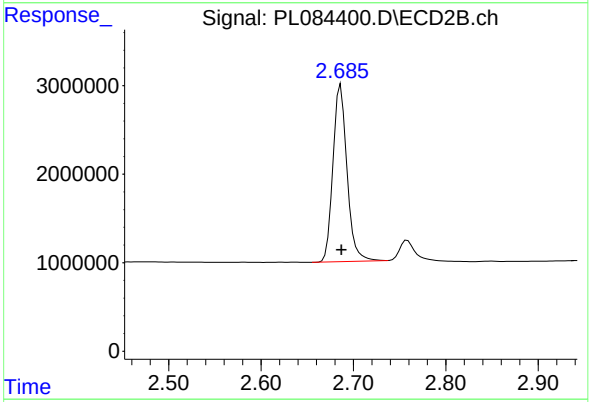




#1 Tetrachloro-m-xylene

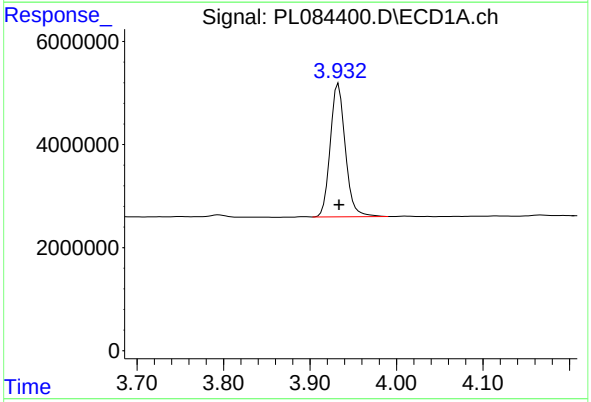
R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 44795090
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



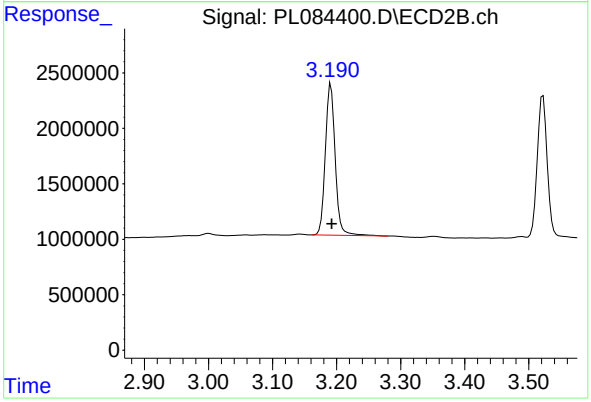
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 21119105
Conc: 19.32 ng/ml



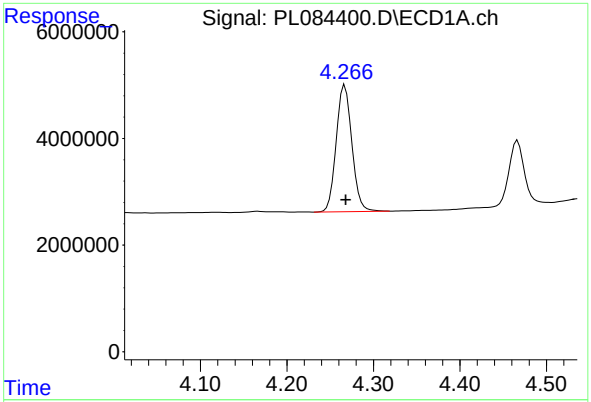
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 31131306
Conc: 9.13 ng/ml



#2 alpha-BHC

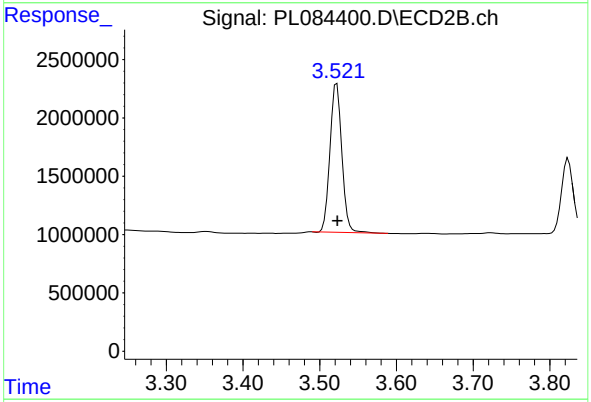
R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 14608818
Conc: 8.92 ng/ml



#3 gamma-BHC (Lindane)

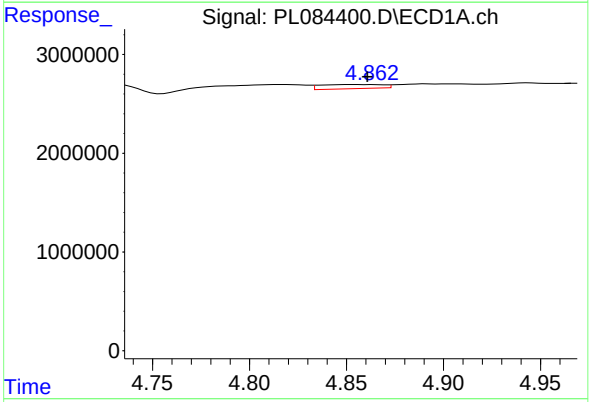
R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 29781253
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



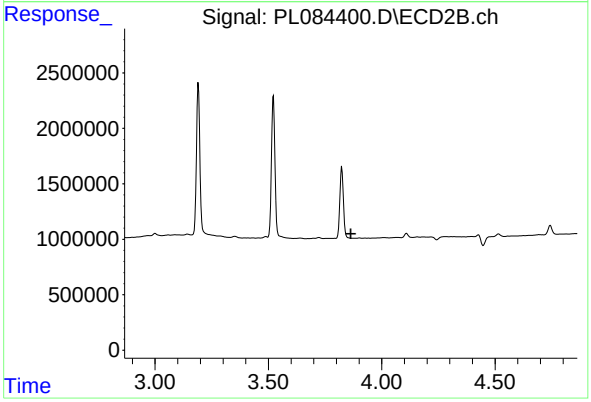
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 13701723
Conc: 8.60 ng/ml



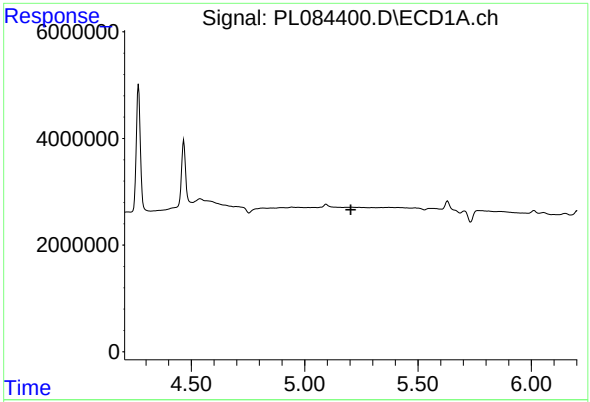
#4 Heptachlor

R.T.: 4.863 min
Delta R.T.: 0.002 min
Response: 948050
Conc: 0.27 ng/ml



#4 Heptachlor

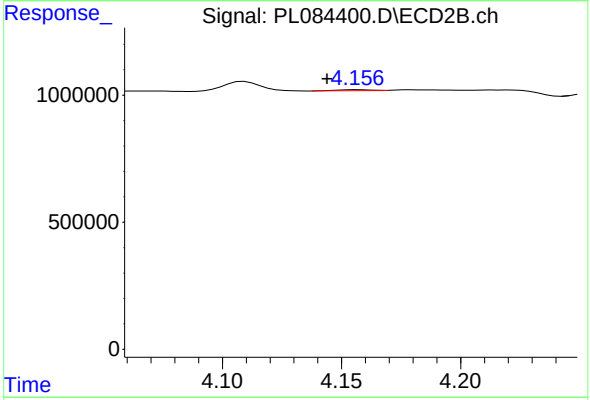
R.T.: 0.000 min
Exp R.T. : 3.864 min
Response: 0
Conc: N.D.



#5 Aldrin

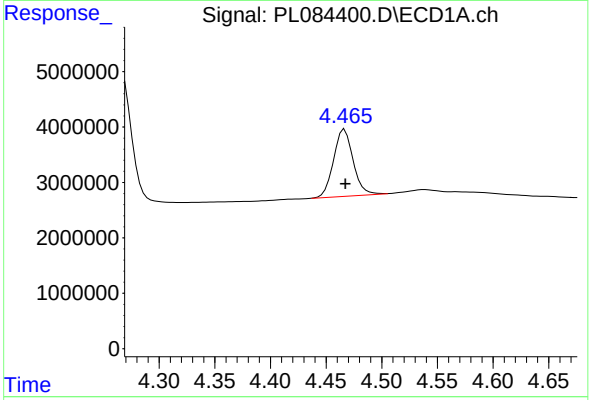
R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



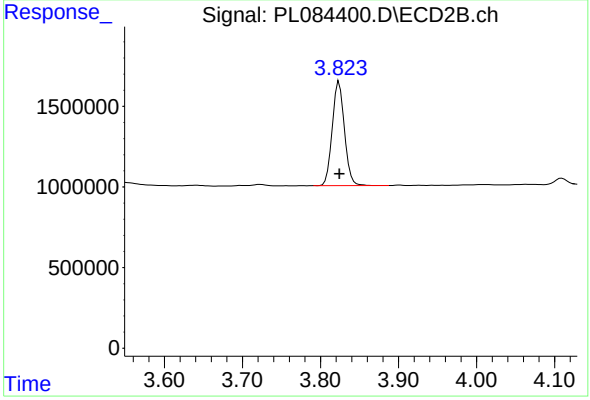
#5 Aldrin

R.T.: 4.157 min
Delta R.T.: 0.013 min
Response: 44825
Conc: 0.03 ng/ml



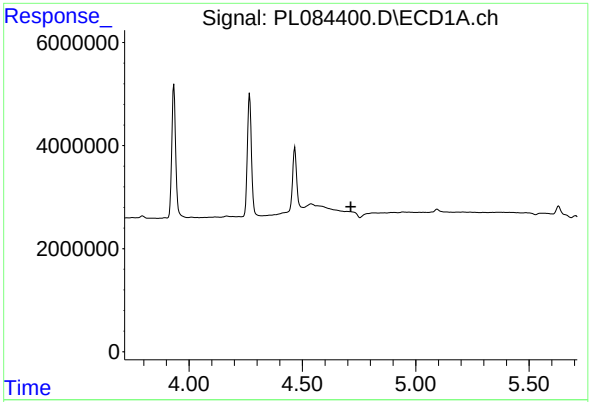
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 14935401
Conc: 10.35 ng/ml



#6 beta-BHC

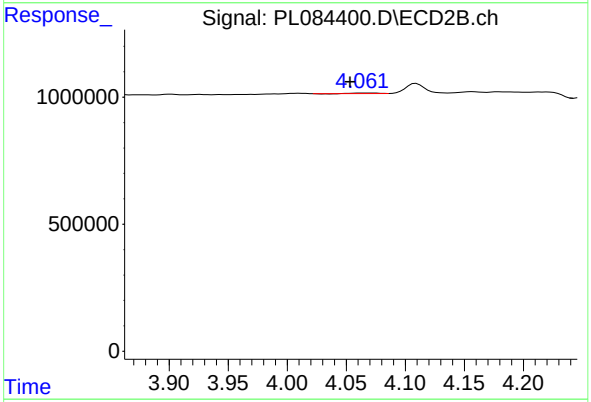
R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 7016369
Conc: 10.11 ng/ml



#7 delta-BHC

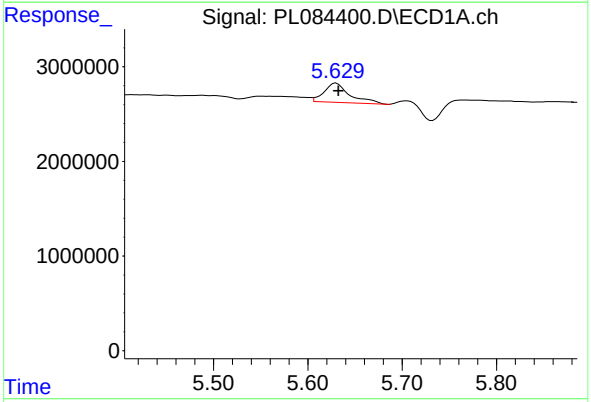
R.T.: 0.000 min
Exp R.T. : 4.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



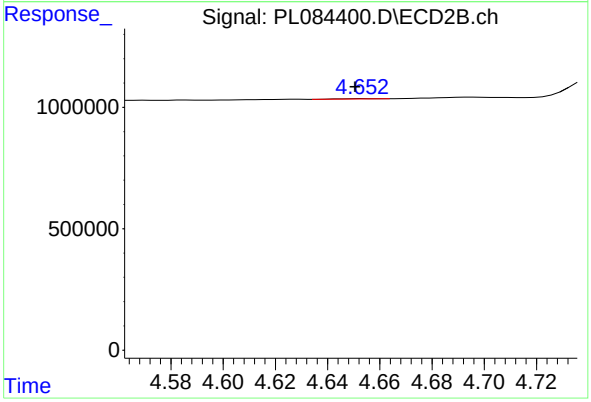
#7 delta-BHC

R.T.: 4.063 min
Delta R.T.: 0.010 min
Response: 23443
Conc: 0.01 ng/ml



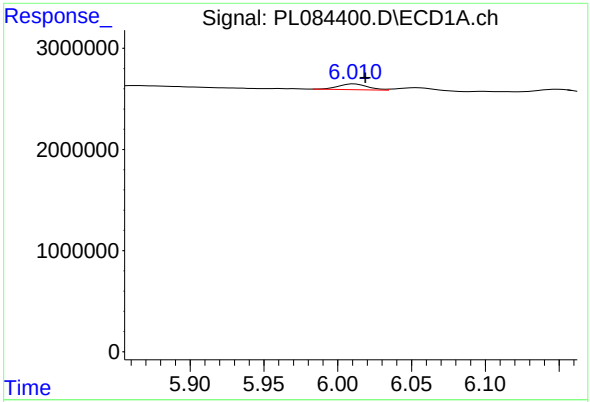
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 3817577
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

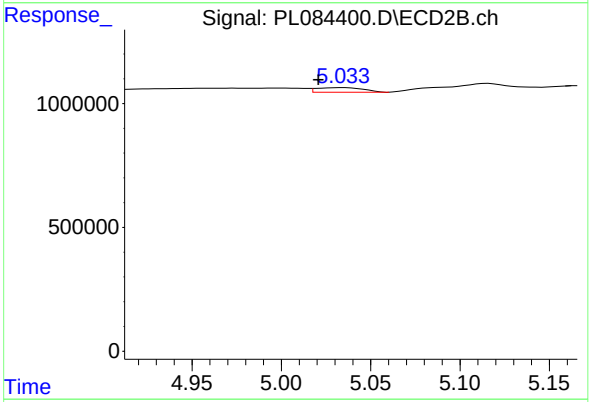
R.T.: 4.654 min
Delta R.T.: 0.003 min
Response: 12460
Conc: 0.01 ng/ml



#9 Endosulfan I

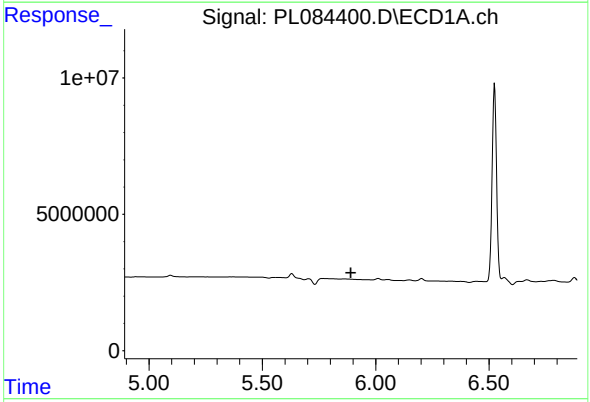
R.T.: 6.011 min
Delta R.T.: -0.007 min
Response: 800473
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



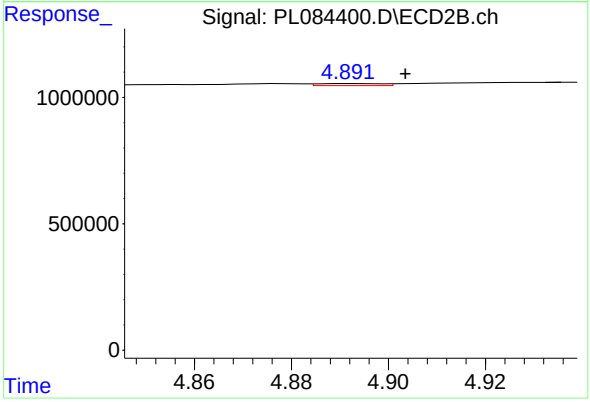
#9 Endosulfan I

R.T.: 5.035 min
Delta R.T.: 0.014 min
Response: 334902
Conc: 0.26 ng/ml



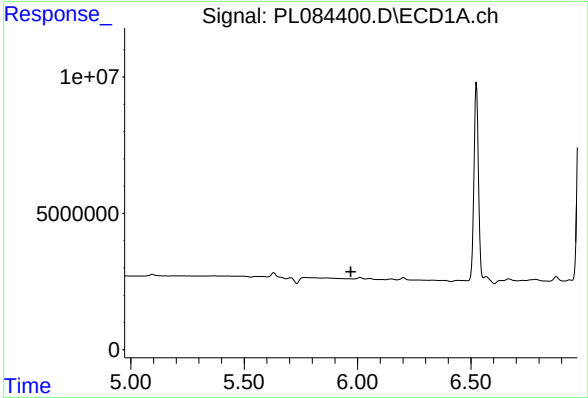
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.890 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

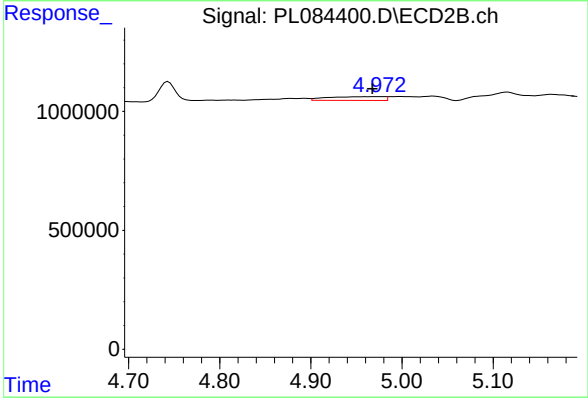
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 78021
Conc: 0.06 ng/ml



#11 alpha-Chlordane

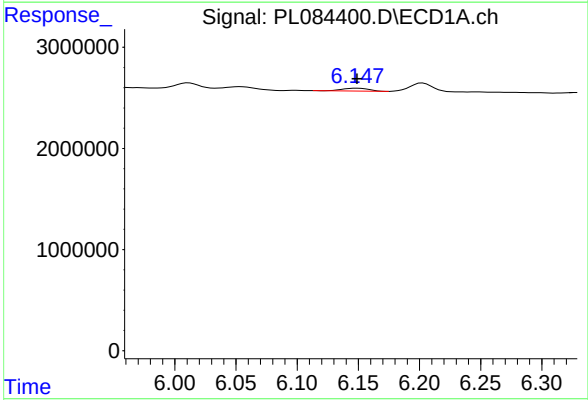
R.T.: 0.000 min
Exp R.T. : 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



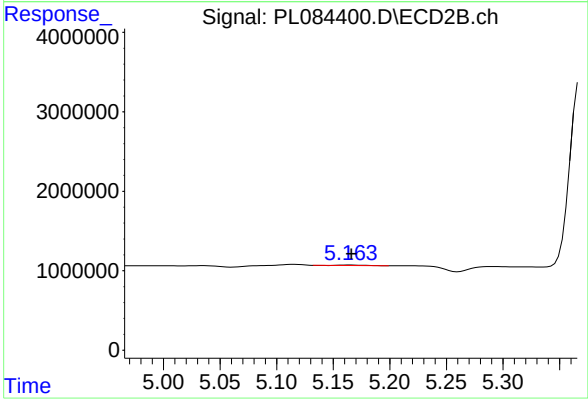
#11 alpha-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.006 min
Response: 678356
Conc: 0.48 ng/ml



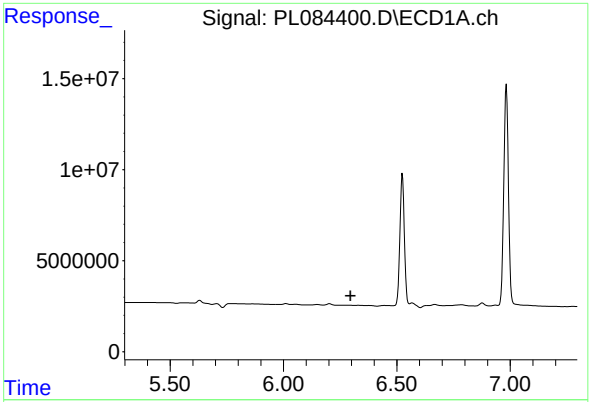
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 416814
Conc: 0.18 ng/ml



#12 4,4'-DDE

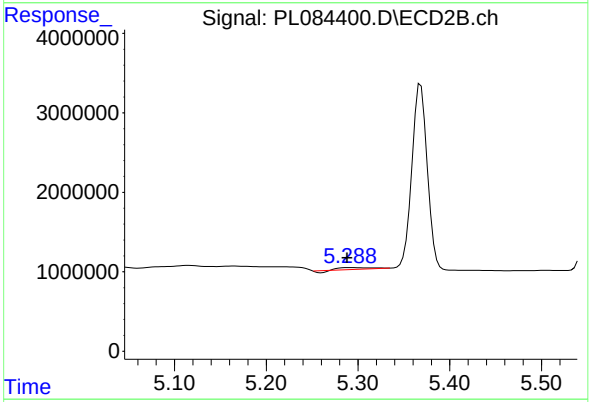
R.T.: 5.165 min
Delta R.T.: -0.001 min
Response: 87874
Conc: 0.07 ng/ml



#13 Dieldrin

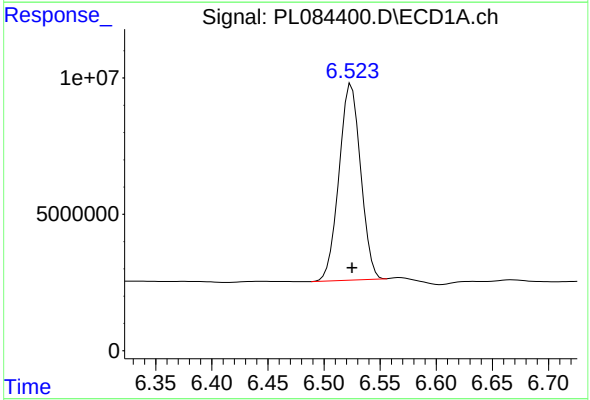
R.T.: 0.000 min
Exp R.T. : 6.296 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



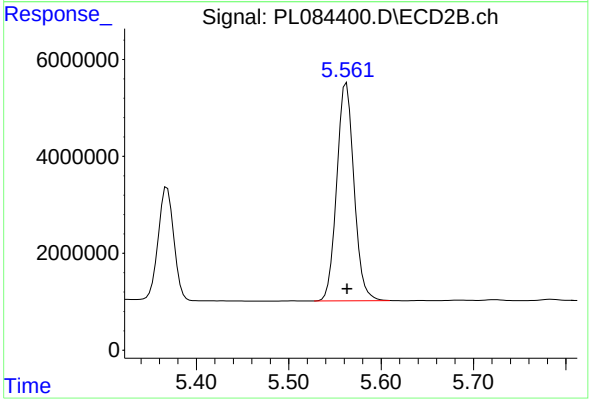
#13 Dieldrin

R.T.: 5.290 min
Delta R.T.: 0.002 min
Response: 365214
Conc: 0.26 ng/ml



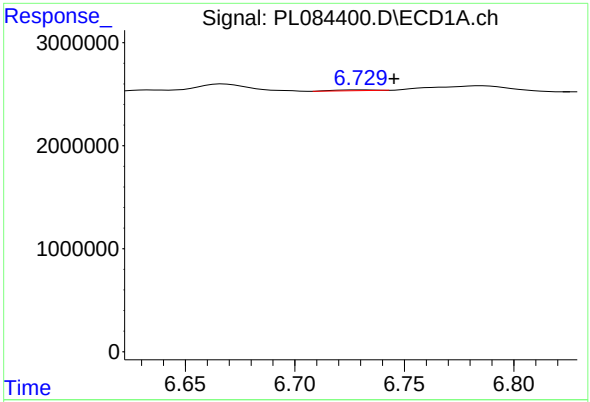
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 96529230
Conc: 43.91 ng/ml



#14 Endrin

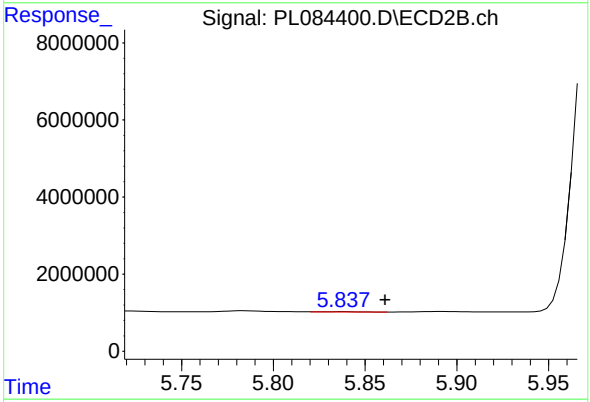
R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 58380894
Conc: 46.55 ng/ml



#15 Endosulfan II

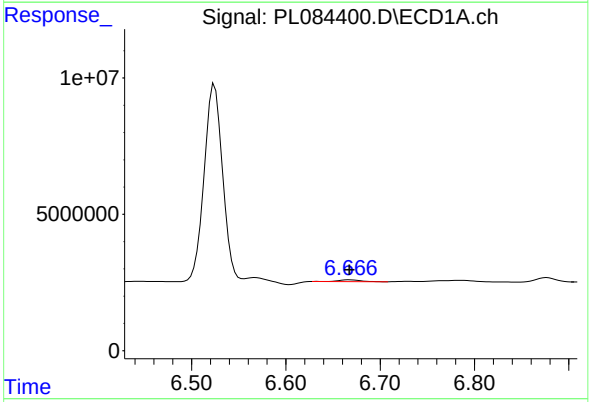
R.T.: 6.730 min
Delta R.T.: -0.015 min
Response: 103104
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



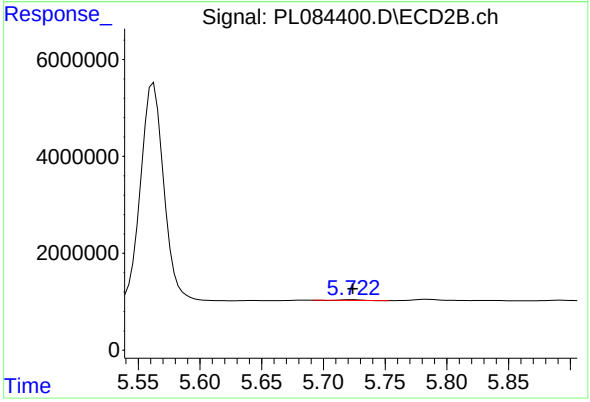
#15 Endosulfan II

R.T.: 5.838 min
Delta R.T.: -0.023 min
Response: 78701
Conc: 0.06 ng/ml



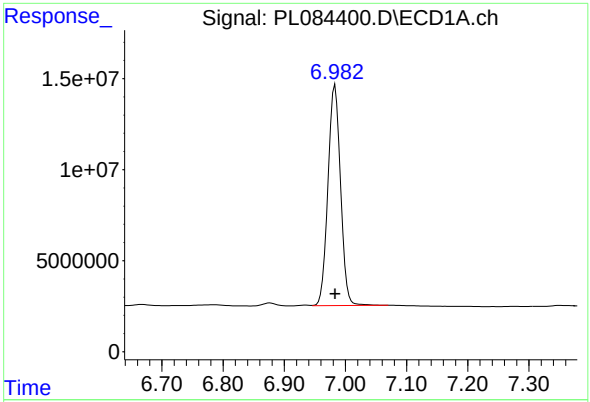
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 1041777
Conc: 0.64 ng/ml



#16 4,4'-DDD

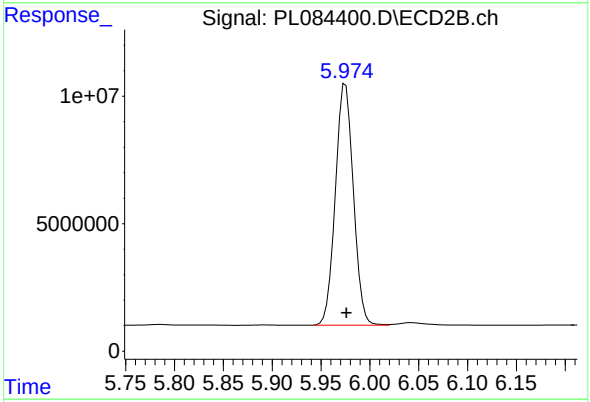
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 142175
Conc: 0.14 ng/ml



#17 4,4'-DDT

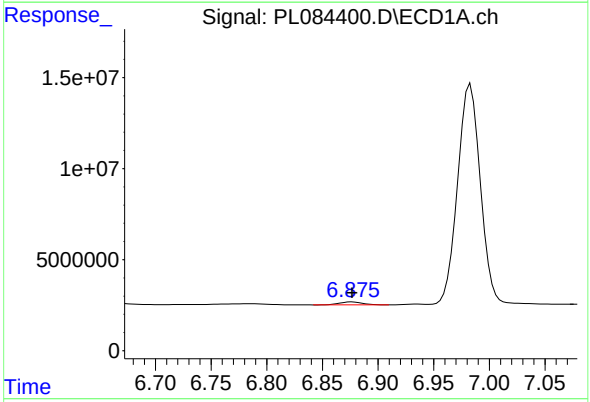
R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 173319165
Conc: 97.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



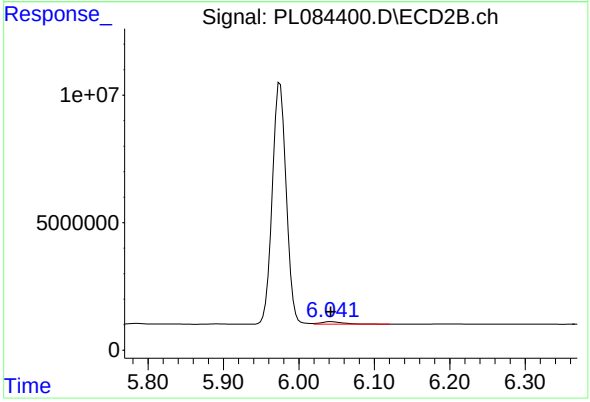
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 121585250
Conc: 102.06 ng/ml



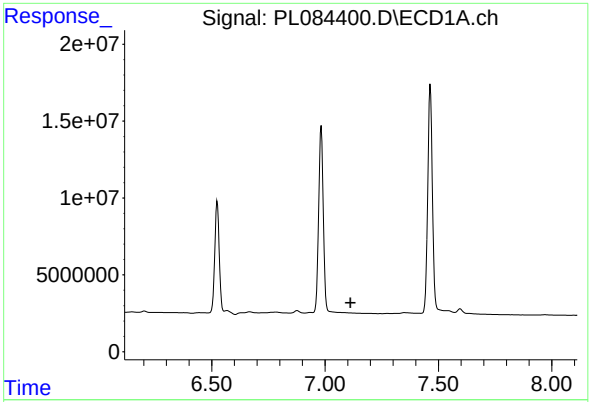
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2336507
Conc: 1.41 ng/ml



#18 Endrin aldehyde

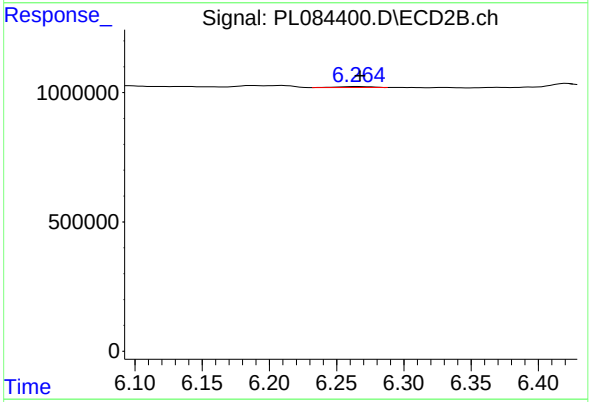
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1909059
Conc: 1.90 ng/ml



#19 Endosulfan Sulfate

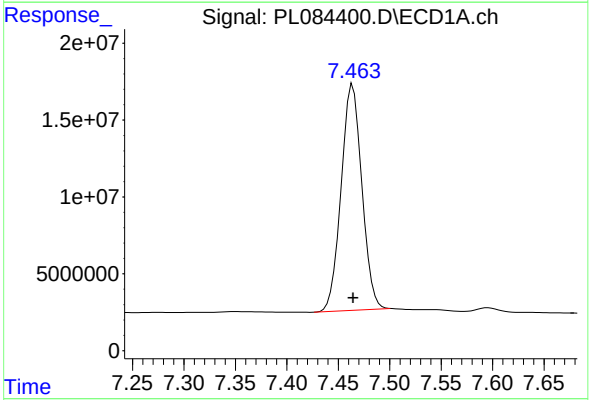
R.T.: 0.000 min
Exp R.T. : 7.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



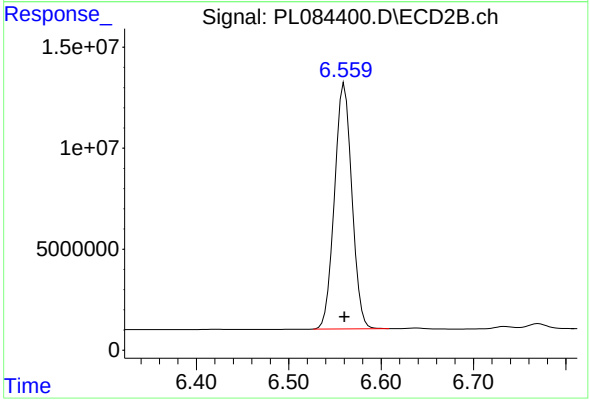
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: -0.002 min
Response: 62666
Conc: 0.05 ng/ml



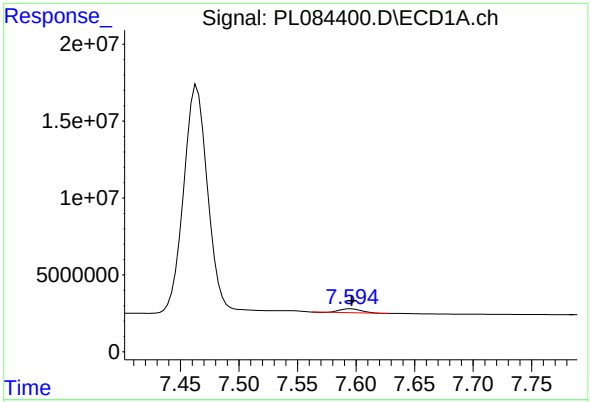
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 206365501
Conc: 223.43 ng/ml



#20 Methoxychlor

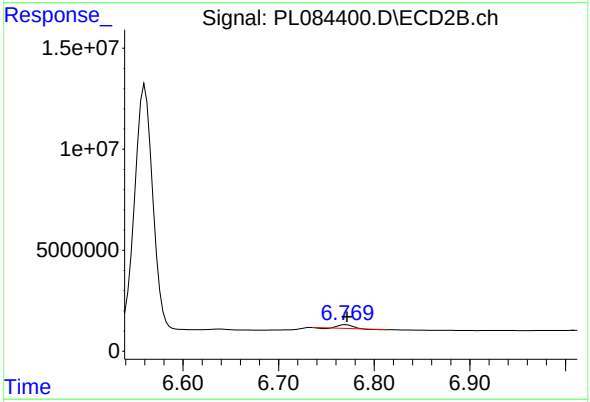
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 159167584
Conc: 227.19 ng/ml



#21 Endrin ketone

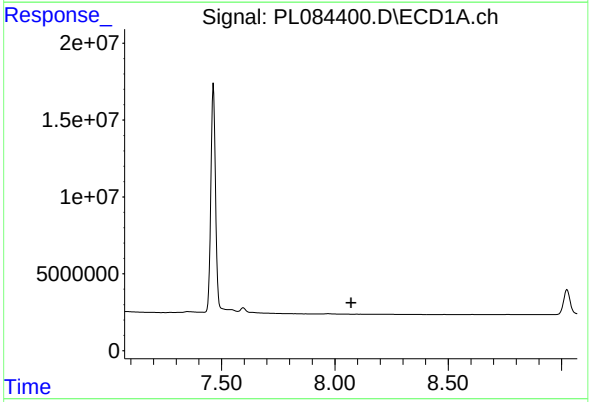
R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 3251366
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



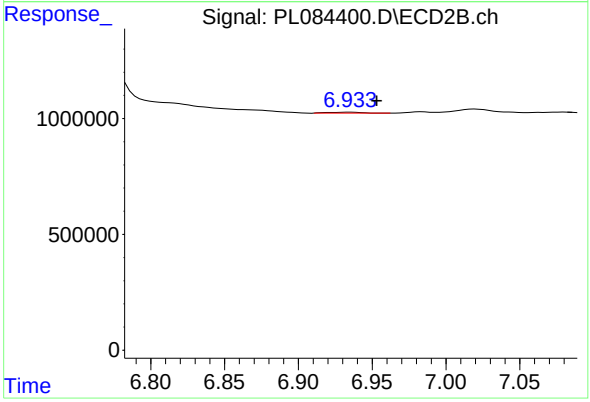
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 1552222
Conc: 1.06 ng/ml



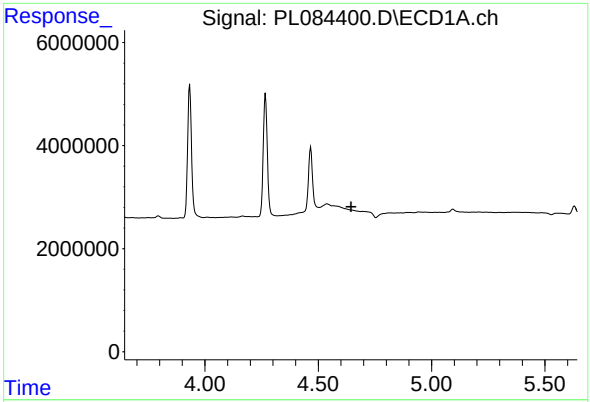
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.072 min
Response: 0
Conc: N.D.



#22 Mirex

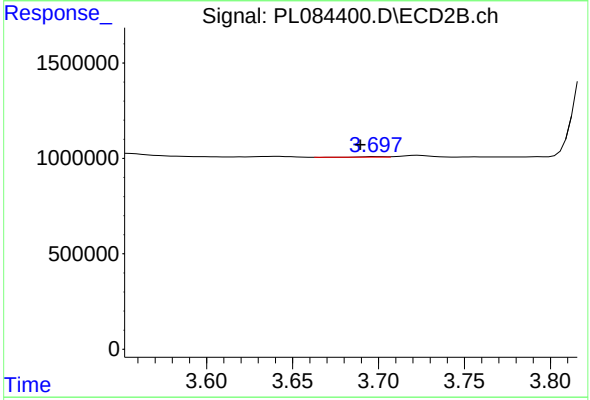
R.T.: 6.934 min
Delta R.T.: -0.019 min
Response: 61794
Conc: 0.05 ng/ml



#23 Chlordane-1

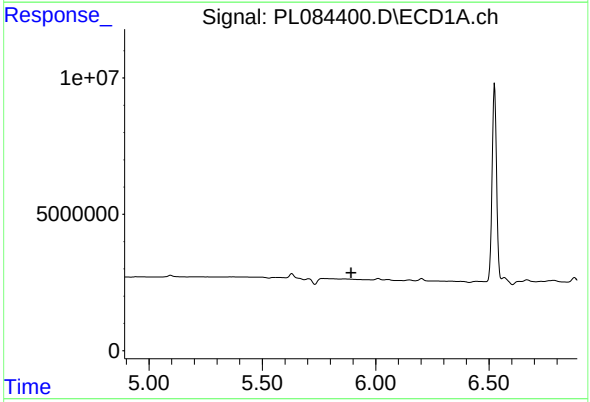
R.T.: 0.000 min
Exp R.T. : 4.645 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



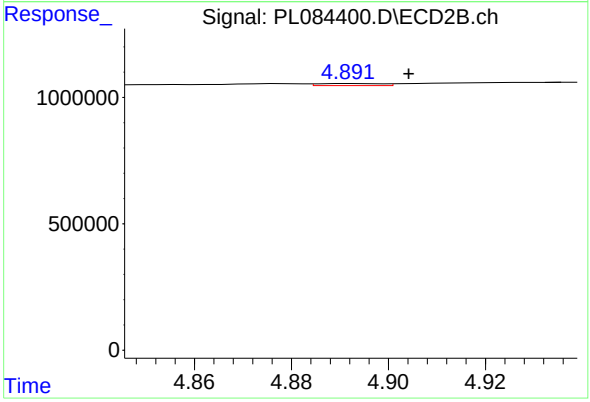
#23 Chlordane-1

R.T.: 3.699 min
Delta R.T.: 0.010 min
Response: 30578
Conc: 0.08 ng/ml



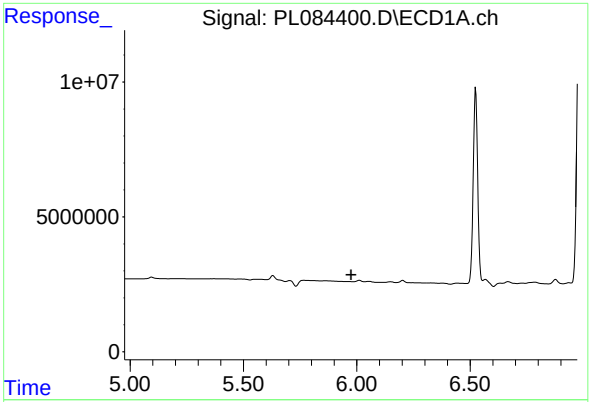
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.891 min
Response: 0
Conc: N.D.



#25 Chlordane-3

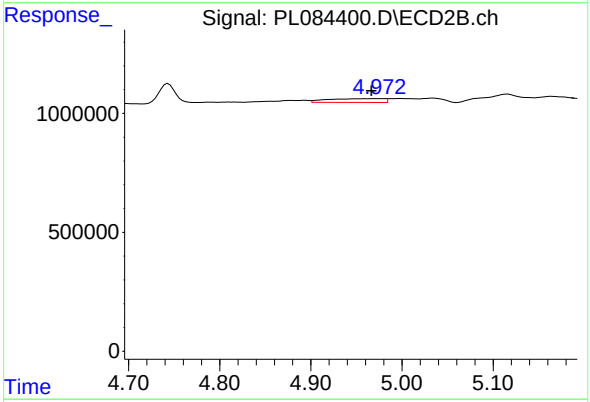
R.T.: 4.893 min
Delta R.T.: -0.012 min
Response: 78021
Conc: 0.06 ng/ml



#26 Chlordane-4

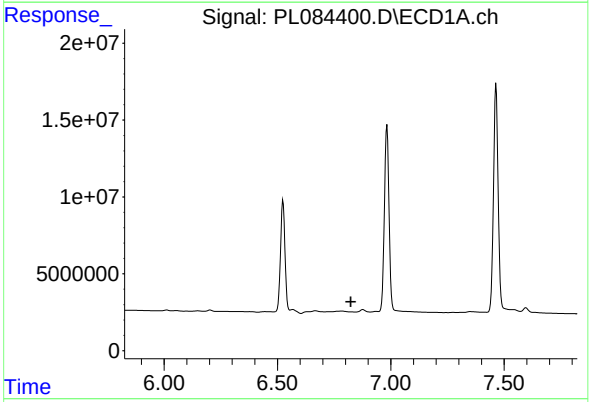
R.T.: 0.000 min
Exp R.T. : 5.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



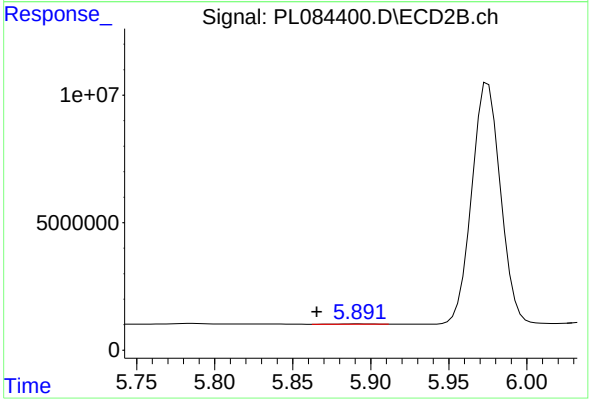
#26 Chlordane-4

R.T.: 4.974 min
Delta R.T.: 0.007 min
Response: 678356
Conc: 0.47 ng/ml



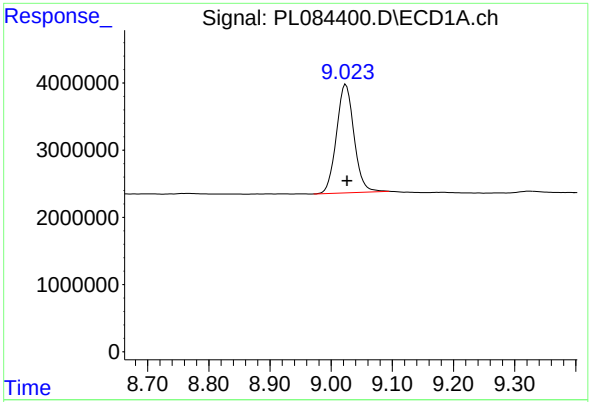
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.824 min
Response: 0
Conc: N.D.



#27 Chlordane-5

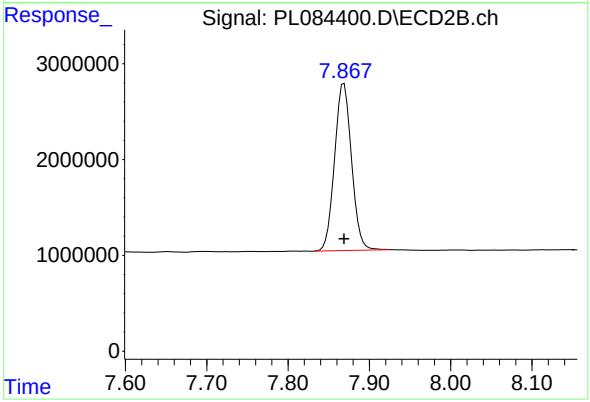
R.T.: 5.892 min
Delta R.T.: 0.027 min
Response: 148459
Conc: 0.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: -0.002 min
Response: 32253080
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 25287332
Conc: 20.68 ng/ml