Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081423\
Data File : PL084717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2023 18:21
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: Aug 14 20:47:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	46581780	22960809	20.048	21.115	
28)	SA	Decachlor...	9.026	7.866	32771891	26164738	20.141	20.985	
		Target Compounds							
2)	A	alpha-BHC	3.935	3.190	32193038	15620803	9.751	10.117	
3)	MA	gamma-BHC...	4.269	3.520	31468754	14728273	9.865	9.693	
4)	MA	Heptachlor	4.853	3.890f	332554	26873	0.099	0.019	#
5)	MB	Aldrin	0.000	4.153	0	75677	N.D.	0.052	#
6)	B	beta-BHC	4.468	3.822	16303129	7571550	11.671	11.300	
7)	B	delta-BHC	0.000	4.050	0	21228	N.D.	0.014	#
8)	B	Heptachlo...	5.632	4.652	2019982	15119	0.670	0.011	#
9)	A	Endosulfan I	6.035f	5.032	803281	80000	0.305	0.065	#
10)	B	gamma-Chl...	0.000	4.917	0	52897	N.D.	0.039	#
11)	B	alpha-Chl...	5.976	4.962	313823	34299	0.111	0.025	#
12)	B	4,4'-DDE	6.148	5.163	420498	135360	0.183	0.110	#
13)	MA	Dieldrin	0.000	5.299	0	35268	N.D.	0.026	#
14)	MA	Endrin	6.525	5.560	98435344	61940047	45.133	50.637	
15)	B	Endosulfa...	0.000	5.843f	0	83251	N.D.	0.069	#
16)	A	4,4'-DDD	6.668	5.720	1537001	901964	0.917	0.873	
17)	MA	4,4'-DDT	6.984	5.973	183.9E6	131.2E6	98.157	113.021	
18)	B	Endrin al...	6.878	6.040	2472668	1973816	1.466	1.990	#
19)	B	Endosulfa...	0.000	6.260	0	46082	N.D.	0.039	#
20)	A	Methoxychlor	7.466	6.557	221.0E6	168.6E6	230.314	245.755	
21)	B	Endrin ke...	7.598	6.768	4026440	3658469	2.013	2.536	#
22)		Mirex	8.081	0.000	52134	0	0.031	N.D.	#
23)		Chlordane-1	0.000	3.698	0	3509	N.D.	0.092	#
24)		Chlordane-2	0.000	4.268	0	28221	N.D.	0.563	#
25)		Chlordane-3	0.000	4.917	0	52897	N.D.	0.382	#
26)		Chlordane-4	5.976	4.962	313823	34299	0.648	0.239	#
27)		Chlordane-5	0.000	5.843f	0	83251	N.D.	1.635	#

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

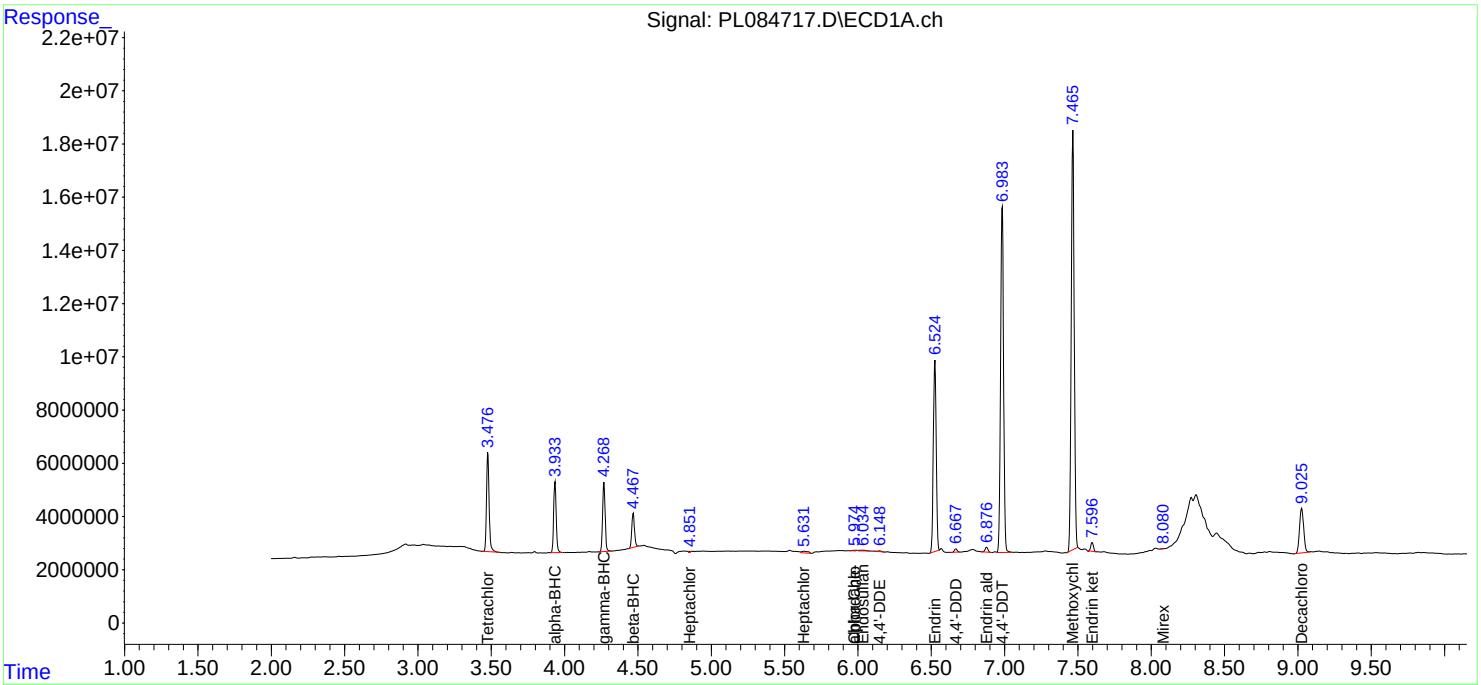
Quantitation Report (Not Reviewed)

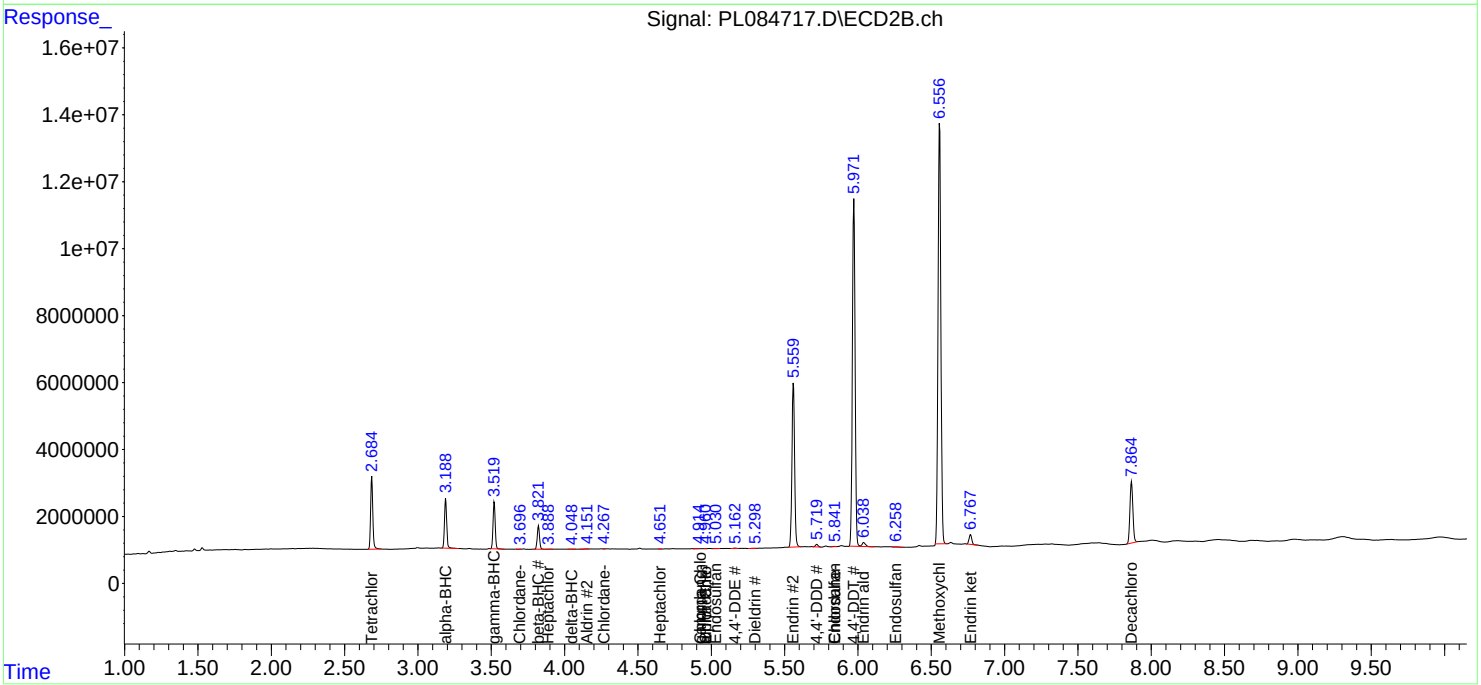
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081423\
Data File : PL084717.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2023 18:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

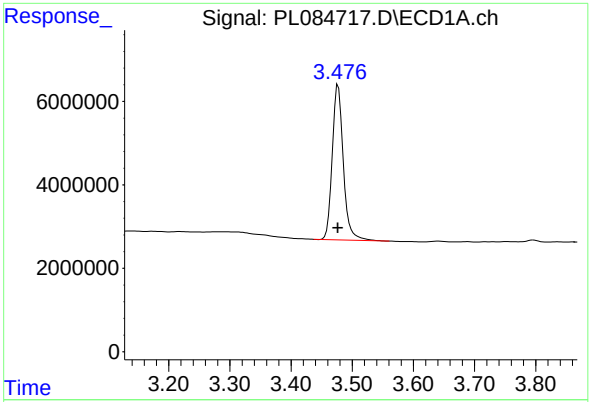
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 20:47:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 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



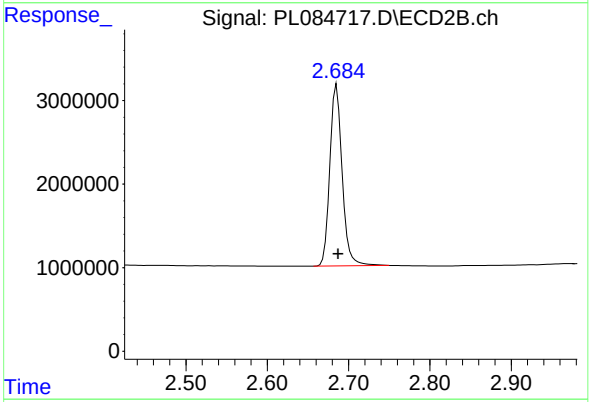




#1 Tetrachloro-m-xylene

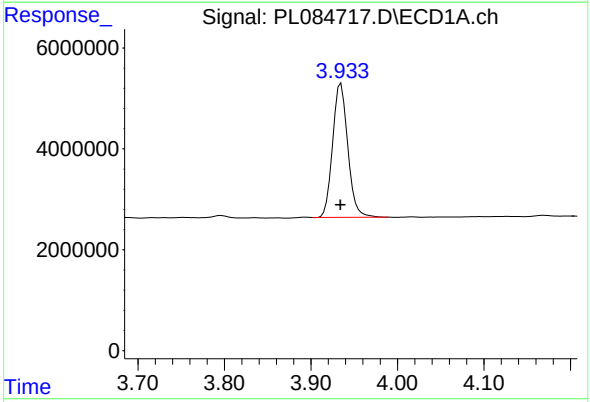
R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 46581780
Conc: 20.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



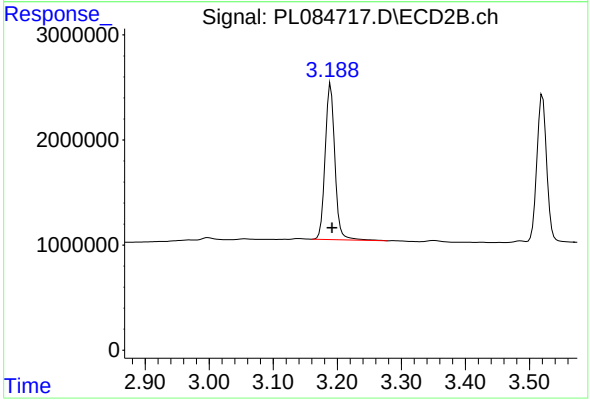
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 22960809
Conc: 21.12 ng/ml



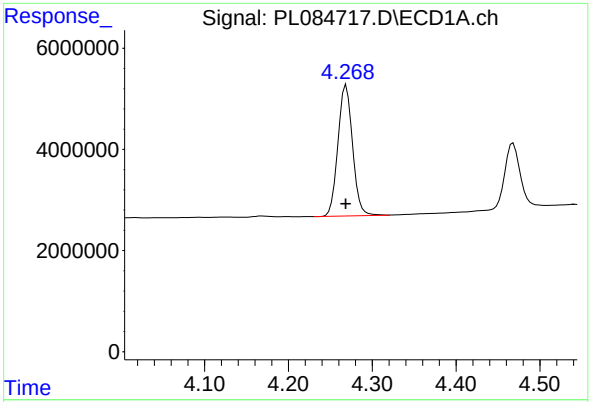
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 32193038
Conc: 9.75 ng/ml



#2 alpha-BHC

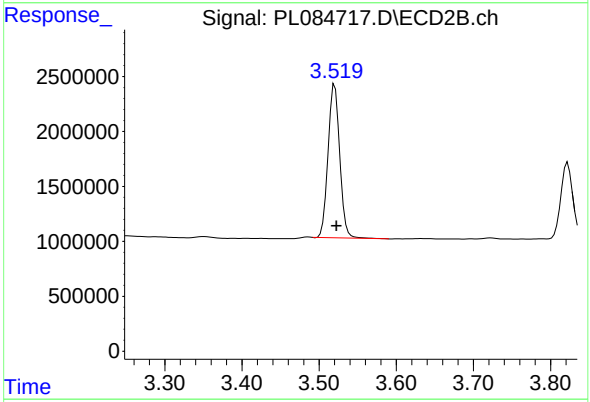
R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 15620803
Conc: 10.12 ng/ml



#3 gamma-BHC (Lindane)

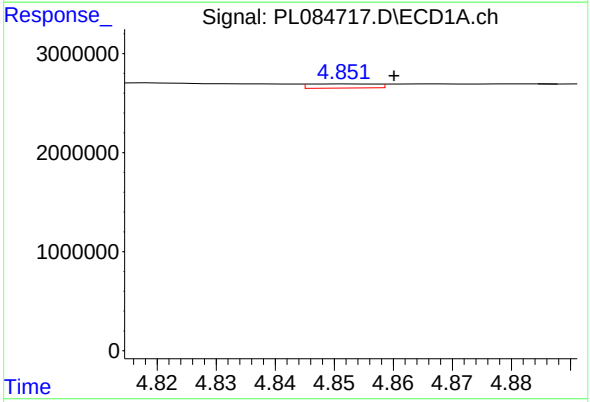
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 31468754
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



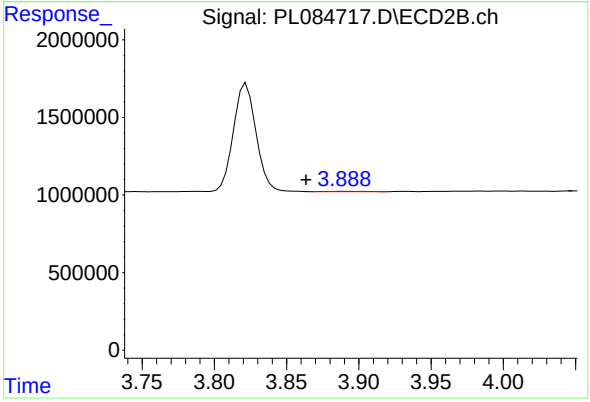
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.002 min
Response: 14728273
Conc: 9.69 ng/ml



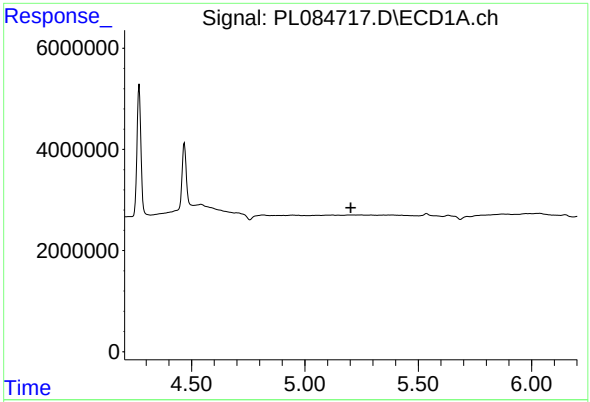
#4 Heptachlor

R.T.: 4.853 min
Delta R.T.: -0.007 min
Response: 332554
Conc: 0.10 ng/ml



#4 Heptachlor

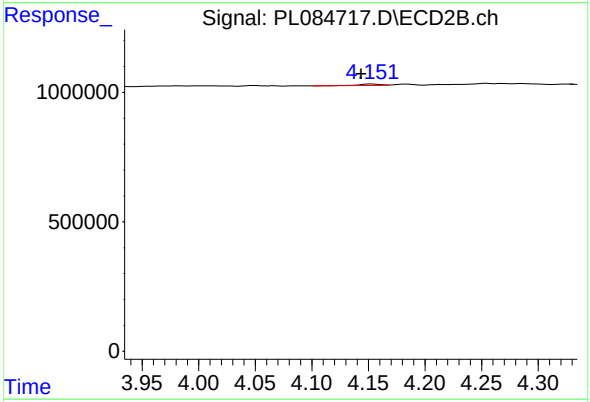
R.T.: 3.890 min
Delta R.T.: 0.026 min
Response: 26873
Conc: 0.02 ng/ml



#5 Aldrin

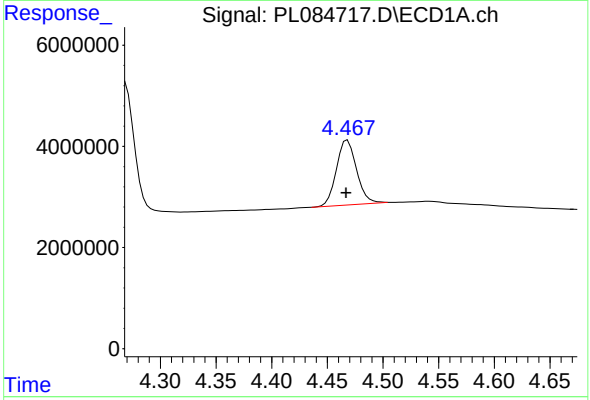
R.T.: 0.000 min
Exp R.T. : 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



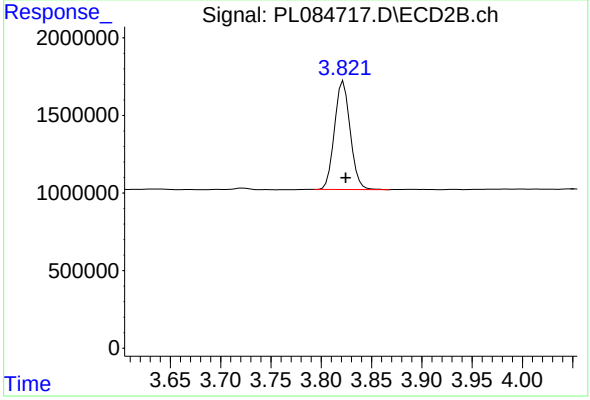
#5 Aldrin

R.T.: 4.153 min
Delta R.T.: 0.009 min
Response: 75677
Conc: 0.05 ng/ml



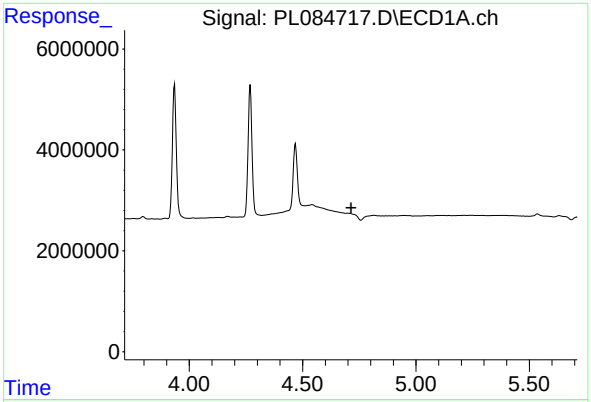
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 16303129
Conc: 11.67 ng/ml



#6 beta-BHC

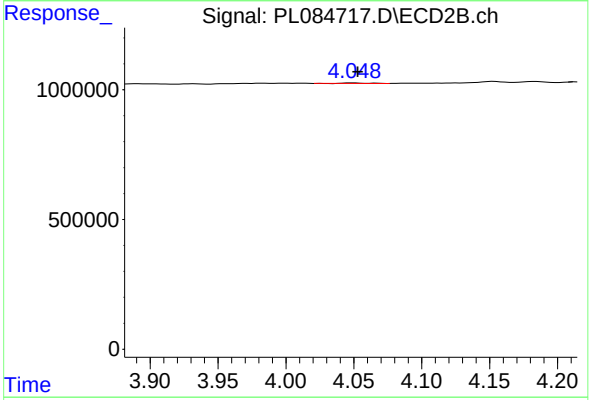
R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 7571550
Conc: 11.30 ng/ml



#7 delta-BHC

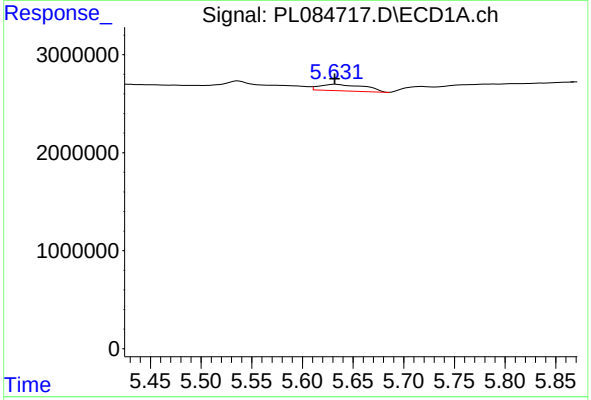
R.T.: 0.000 min
Exp R.T. : 4.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



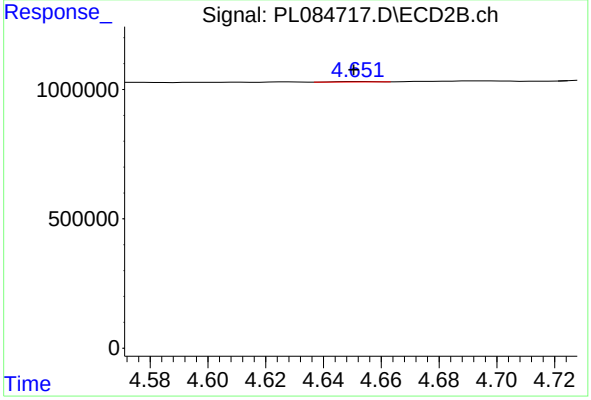
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 21228
Conc: 0.01 ng/ml



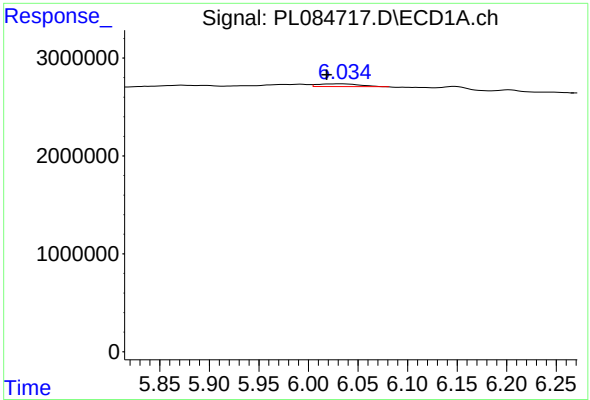
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 2019982
Conc: 0.67 ng/ml



#8 Heptachlor epoxide

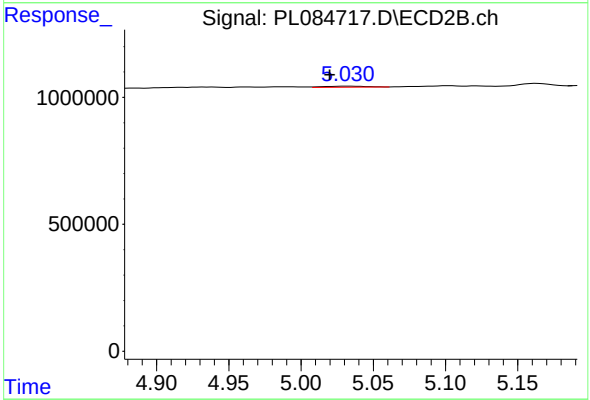
R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 15119
Conc: 0.01 ng/ml



#9 Endosulfan I

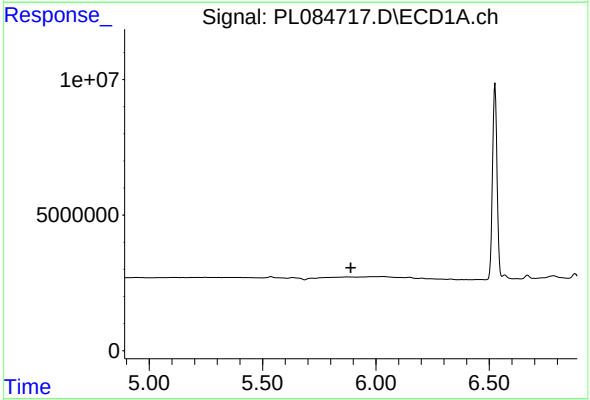
R.T.: 6.035 min
Delta R.T.: 0.017 min
Response: 803281
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



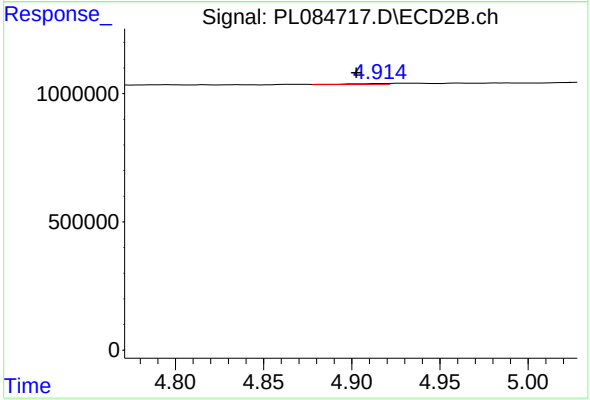
#9 Endosulfan I

R.T.: 5.032 min
Delta R.T.: 0.012 min
Response: 80000
Conc: 0.06 ng/ml



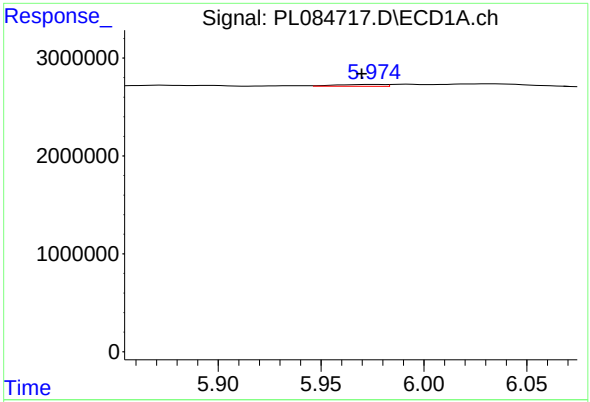
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

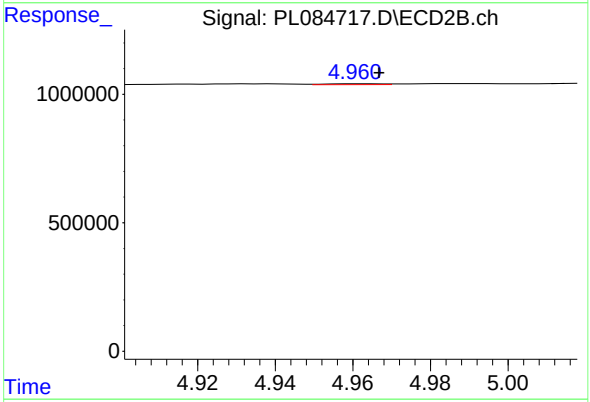
R.T.: 4.917 min
Delta R.T.: 0.014 min
Response: 52897
Conc: 0.04 ng/ml



#11 alpha-Chlordane

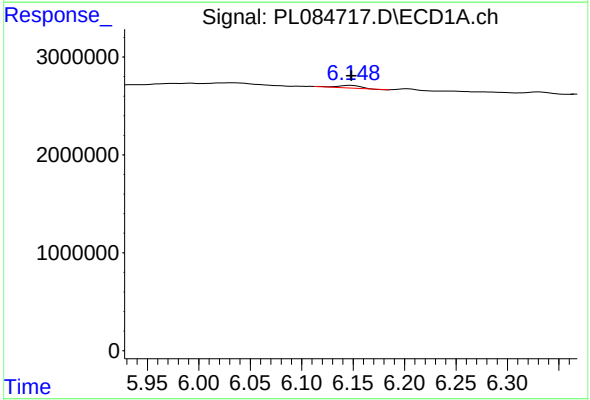
R.T.: 5.976 min
Delta R.T.: 0.006 min
Response: 313823
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



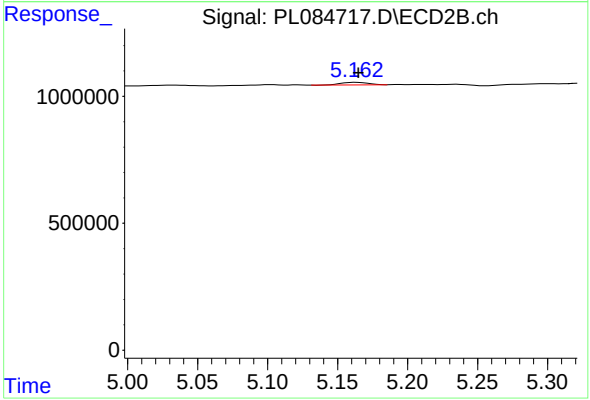
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.005 min
Response: 34299
Conc: 0.03 ng/ml



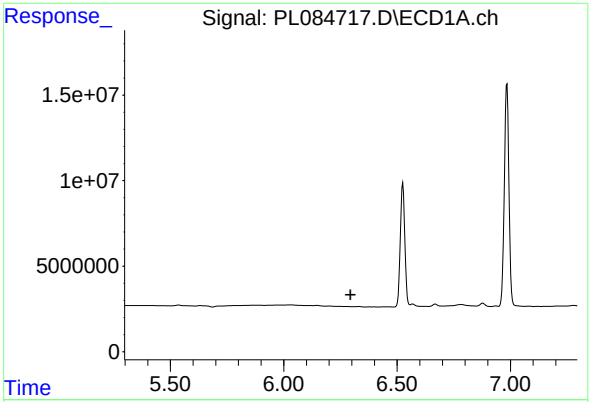
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 420498
Conc: 0.18 ng/ml



#12 4,4'-DDE

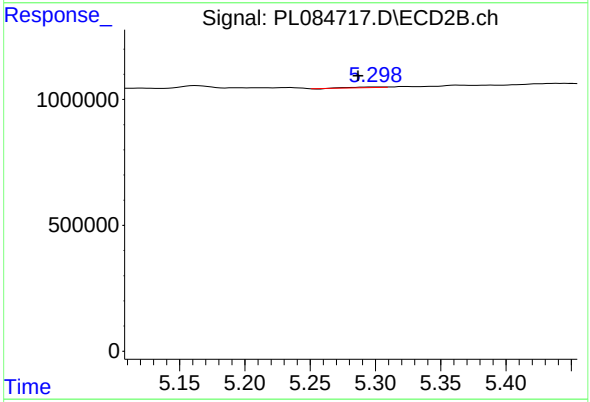
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 135360
Conc: 0.11 ng/ml



#13 Dieldrin

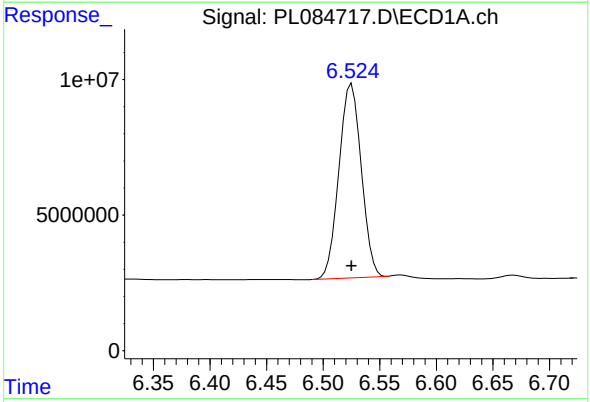
R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



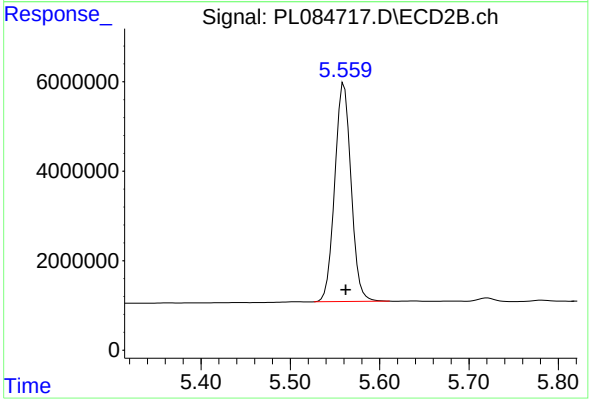
#13 Dieldrin

R.T.: 5.299 min
Delta R.T.: 0.013 min
Response: 35268
Conc: 0.03 ng/ml



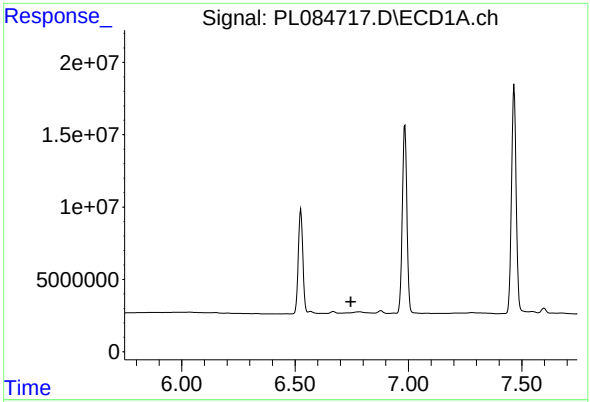
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 98435344
Conc: 45.13 ng/ml



#14 Endrin

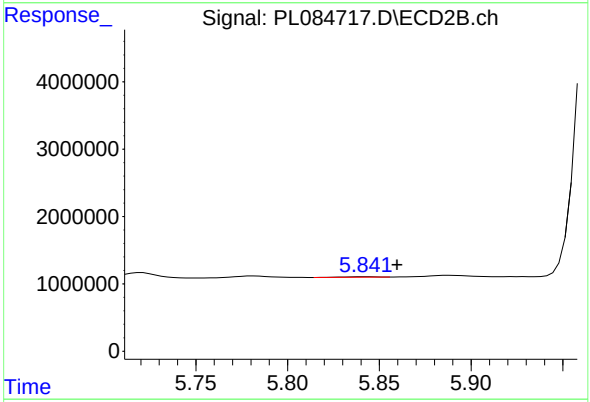
R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 61940047
Conc: 50.64 ng/ml



#15 Endosulfan II

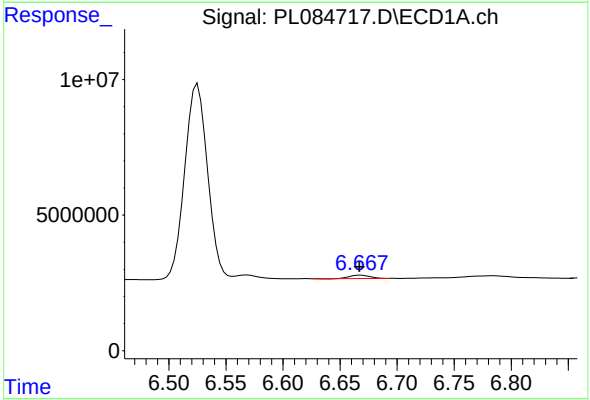
R.T.: 0.000 min
Exp R.T. : 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



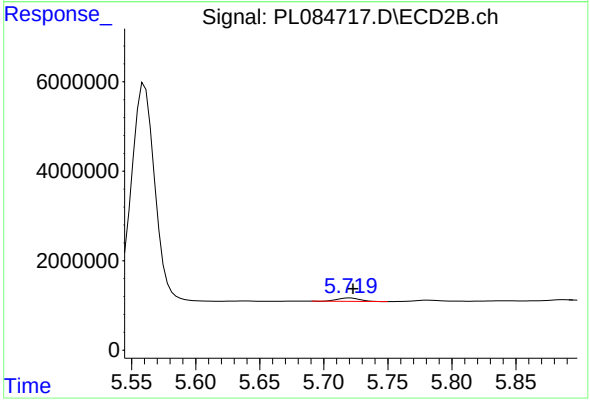
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.017 min
Response: 83251
Conc: 0.07 ng/ml



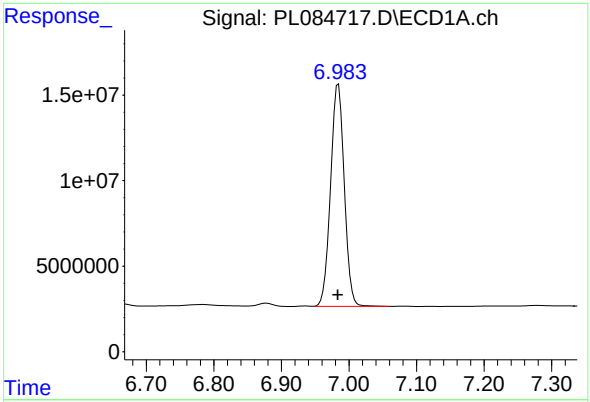
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 1537001
Conc: 0.92 ng/ml



#16 4,4'-DDD

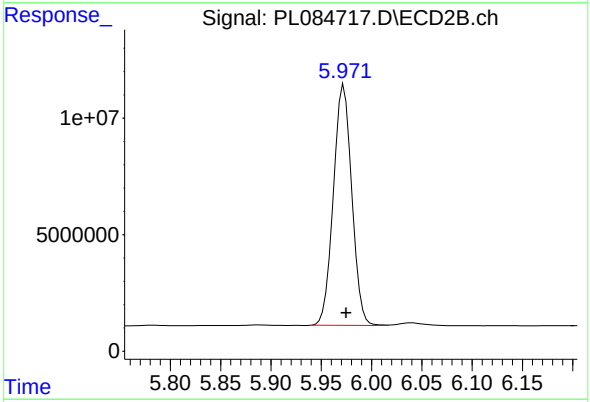
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 901964
Conc: 0.87 ng/ml



#17 4,4'-DDT

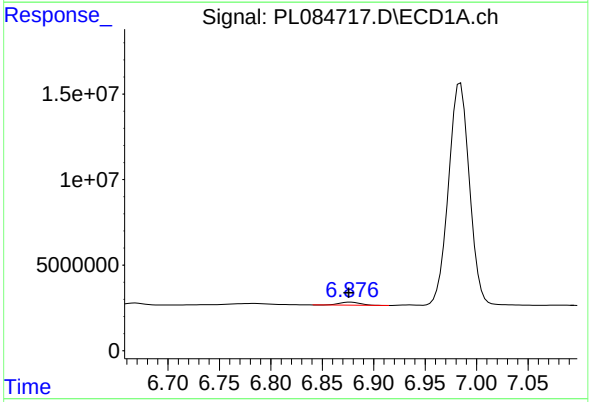
R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 183917842
Conc: 98.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



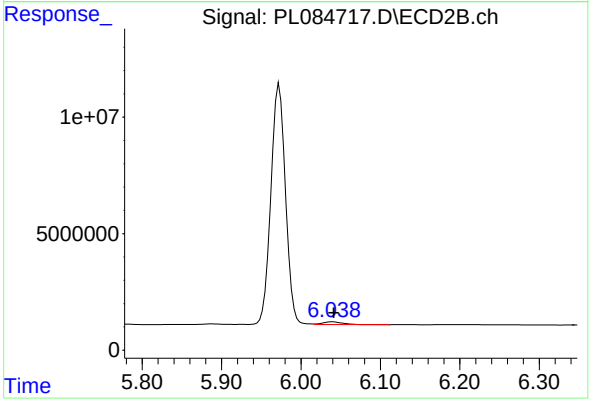
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 131167789
Conc: 113.02 ng/ml



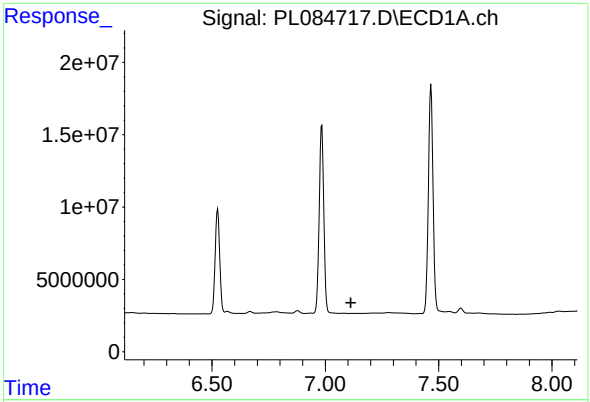
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 2472668
Conc: 1.47 ng/ml



#18 Endrin aldehyde

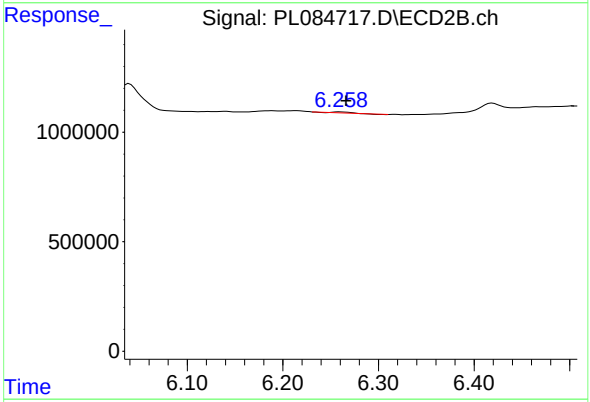
R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 1973816
Conc: 1.99 ng/ml



#19 Endosulfan Sulfate

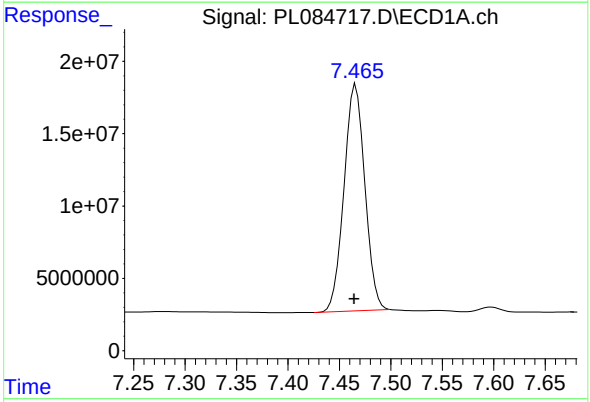
R.T.: 0.000 min
Exp R.T. : 7.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



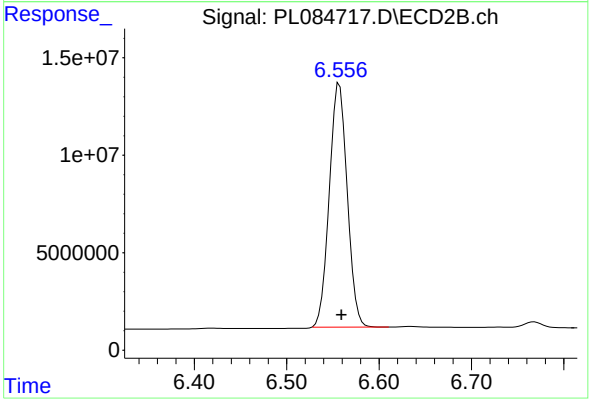
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 46082
Conc: 0.04 ng/ml



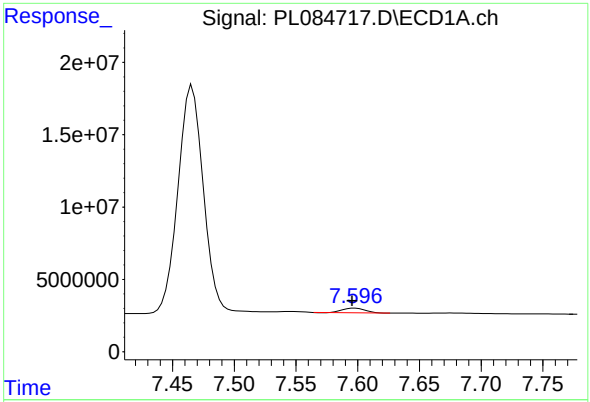
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 221029386
Conc: 230.31 ng/ml



#20 Methoxychlor

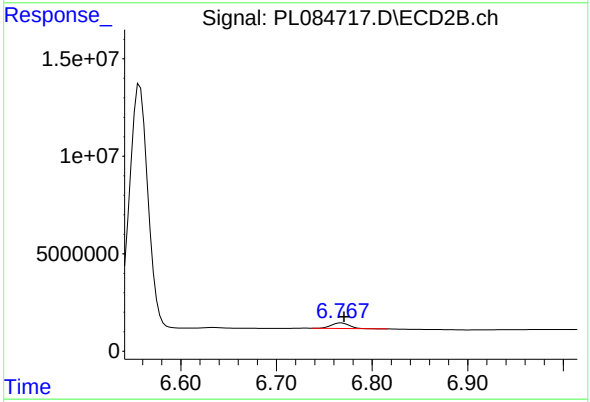
R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 168612858
Conc: 245.76 ng/ml



#21 Endrin ketone

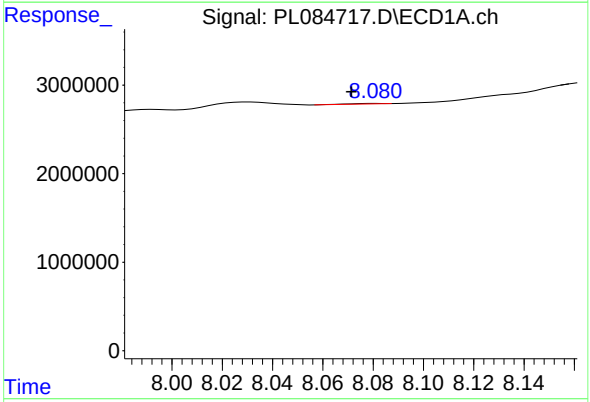
R.T.: 7.598 min
Delta R.T.: 0.002 min
Response: 4026440
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



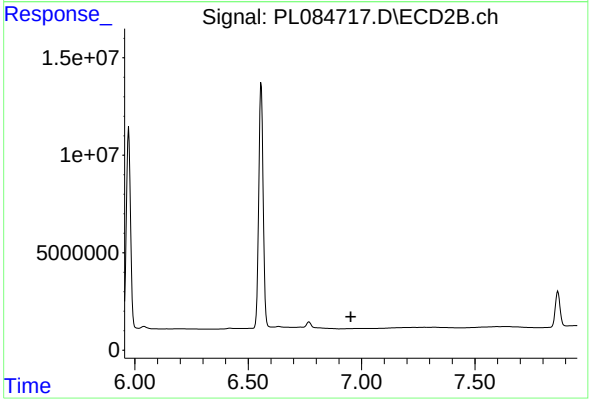
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 3658469
Conc: 2.54 ng/ml



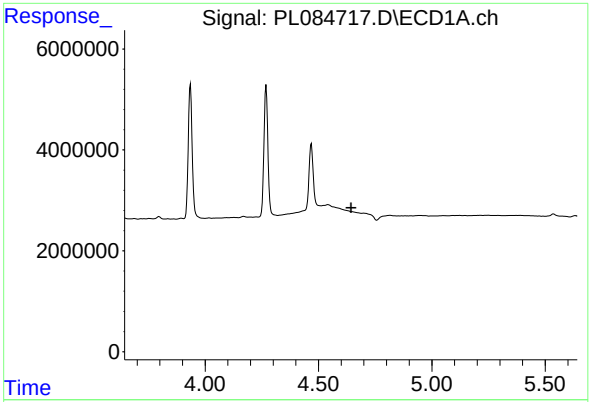
#22 Mirex

R.T.: 8.081 min
Delta R.T.: 0.010 min
Response: 52134
Conc: 0.03 ng/ml



#22 Mirex

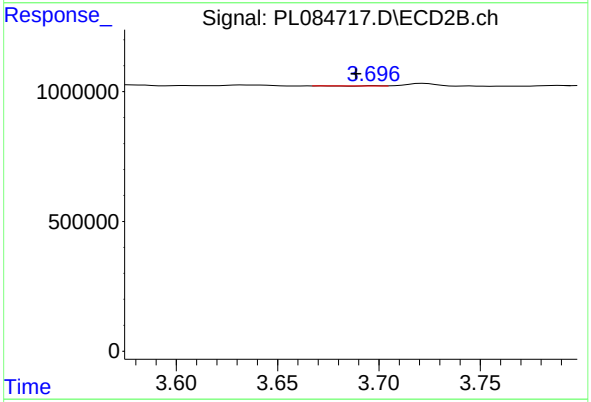
R.T.: 0.000 min
Exp R.T. : 6.952 min
Response: 0
Conc: N.D.



#23 Chlordane-1

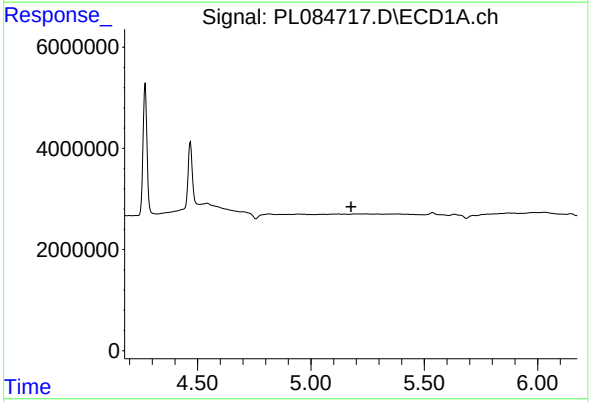
R.T.: 0.000 min
Exp R.T. : 4.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



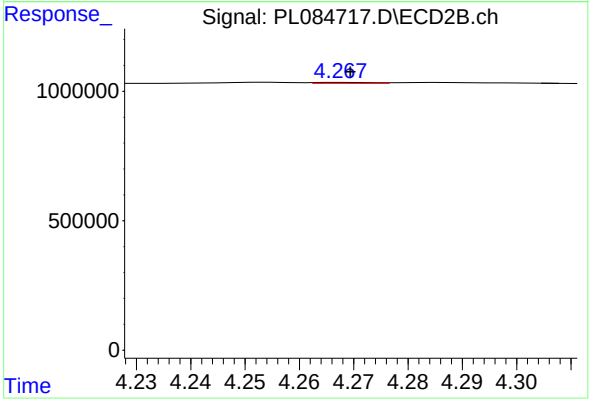
#23 Chlordane-1

R.T.: 3.698 min
Delta R.T.: 0.009 min
Response: 3509
Conc: 0.09 ng/ml



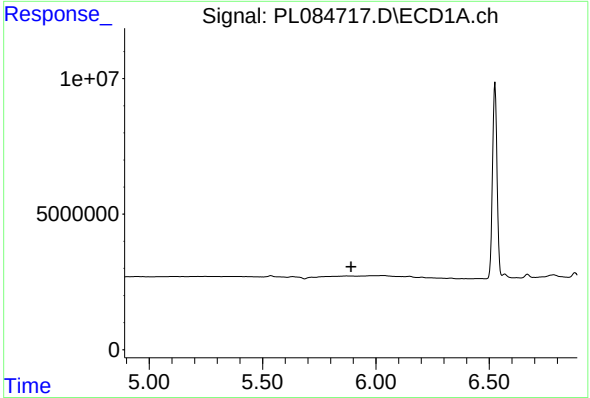
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.



#24 Chlordane-2

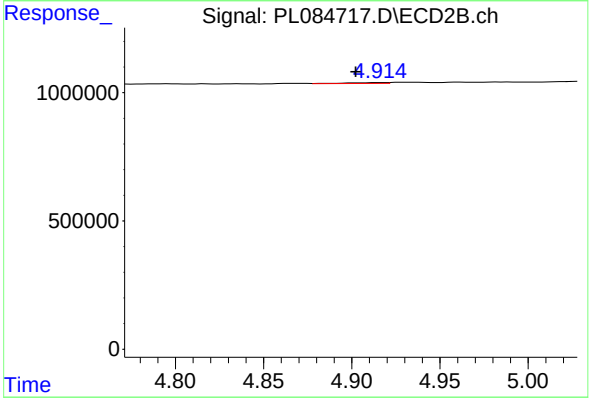
R.T.: 4.268 min
Delta R.T.: -0.001 min
Response: 28221
Conc: 0.56 ng/ml



#25 Chlordane-3

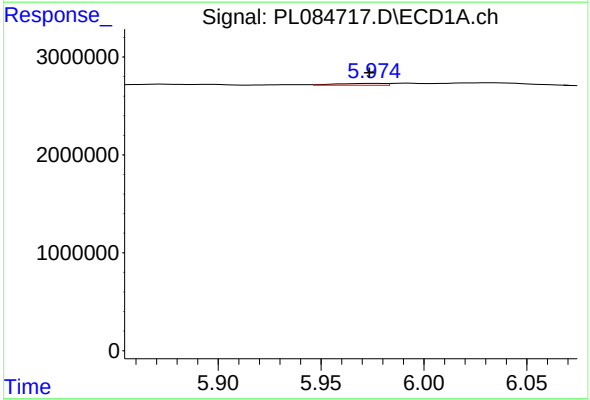
R.T.: 0.000 min
Exp R.T. : 5.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



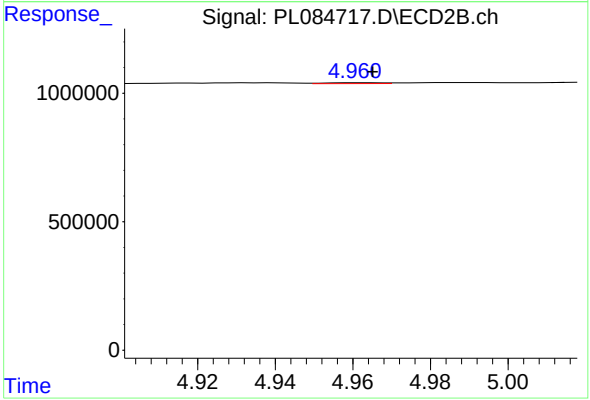
#25 Chlordane-3

R.T.: 4.917 min
Delta R.T.: 0.015 min
Response: 52897
Conc: 0.38 ng/ml



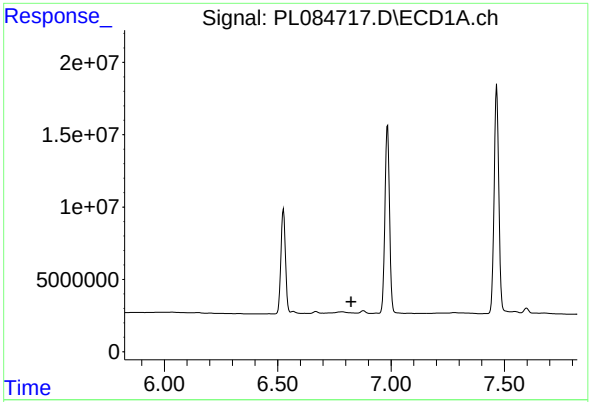
#26 Chlordane-4

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 313823
Conc: 0.65 ng/ml



#26 Chlordane-4

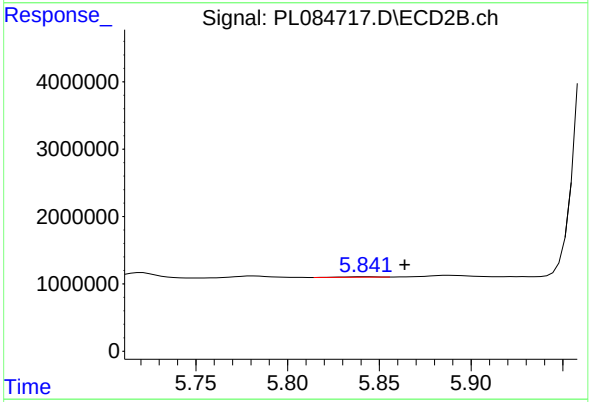
R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 34299
Conc: 0.24 ng/ml



#27 Chlordane-5

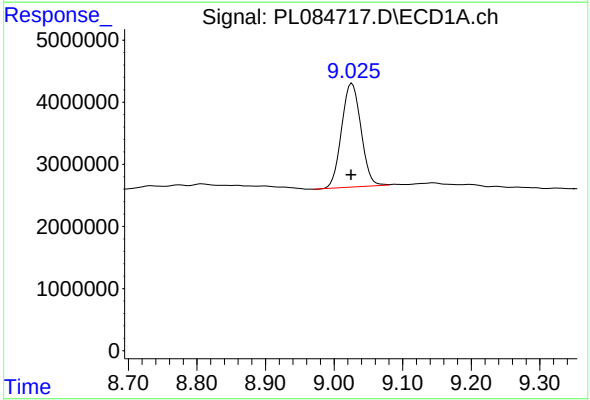
R.T.: 0.000 min
Exp R.T. : 6.824 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



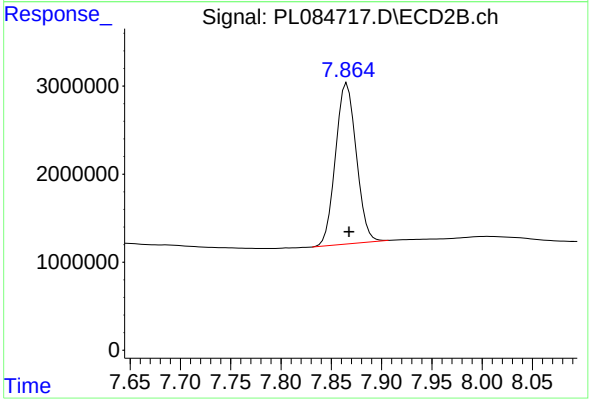
#27 Chlordane-5

R.T.: 5.843 min
Delta R.T.: -0.021 min
Response: 83251
Conc: 1.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 32771891
Conc: 20.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 26164738
Conc: 20.99 ng/ml