Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
Data File : PL083755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2023 08:29
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: Jun 29 02:20:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 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...	3.431	2.693	56843122	64571439	22.878	22.239	
28)	SA Decachlor...	8.974	7.881	40586898	57551427	23.764	23.276	
	Target Compounds							
2)	A alpha-BHC	3.888	3.198	40478273	42424016	10.780	10.124	
3)	MA gamma-BHC...	4.221	3.528	38506442	39867857	11.053	9.975	
4)	MA Heptachlor	0.000	3.884	0	34780	N.D.	0.009	#
5)	MB Aldrin	5.163	4.164	-22387	159910	N.D.	0.045	
6)	B beta-BHC	4.421	3.830	18215635	19855392	12.132	11.817	
7)	B delta-BHC	0.000	4.058	0	48737	N.D.	0.013	#
8)	B Heptachlo...	5.584	4.656	11250213	75124	3.328	0.022	#
9)	A Endosulfan I	0.000	5.047f	0	1528533	N.D.	0.494	#
10)	B gamma-Chl...	5.849	4.925	4348821	2065236	1.292	0.606	#
11)	B alpha-Chl...	5.926	4.973	228248	1870049	0.069	0.552	#
12)	B 4,4'-DDE	6.107	5.173	1212875	1007214	0.424	0.360	
13)	MA Dieldrin	0.000	5.320f	0	130734	N.D.	0.041	#
14)	MA Endrin	6.478	5.572	127.7E6	142.8E6	48.405	53.681	
15)	B Endosulfa...	6.693	5.848f	231293	146853	0.097	0.057	#
16)	A 4,4'-DDD	6.623	5.732	15892883	14618285	7.342	6.742	
17)	MA 4,4'-DDT	6.939	5.985	234.6E6	278.3E6	99.872	112.221	
18)	B Endrin al...	6.831	6.051	4413972	5945843	2.385	2.908	
19)	B Endosulfa...	7.045f	6.277	749655	-299471	0.310	N.D.	#
20)	A Methoxychlor	7.422	6.570	289.3E6	324.0E6	250.117	255.894	
21)	B Endrin ke...	7.551	6.773	9991149	12520160	4.301	4.319	
22)	Mirex	8.051f	6.977	225207	1231522	0.118	0.487	#
24)	Chlordane-2	0.000	4.294f	0	1898624	N.D.	15.935	#
25)	Chlordane-3	5.849	4.925	4348821	2065236	8.981	6.126	#
26)	Chlordane-4	5.926	4.973	228248	1870049	0.393	5.301	#
27)	Chlordane-5	0.000	5.900f	0	784133	N.D.	7.931	#

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

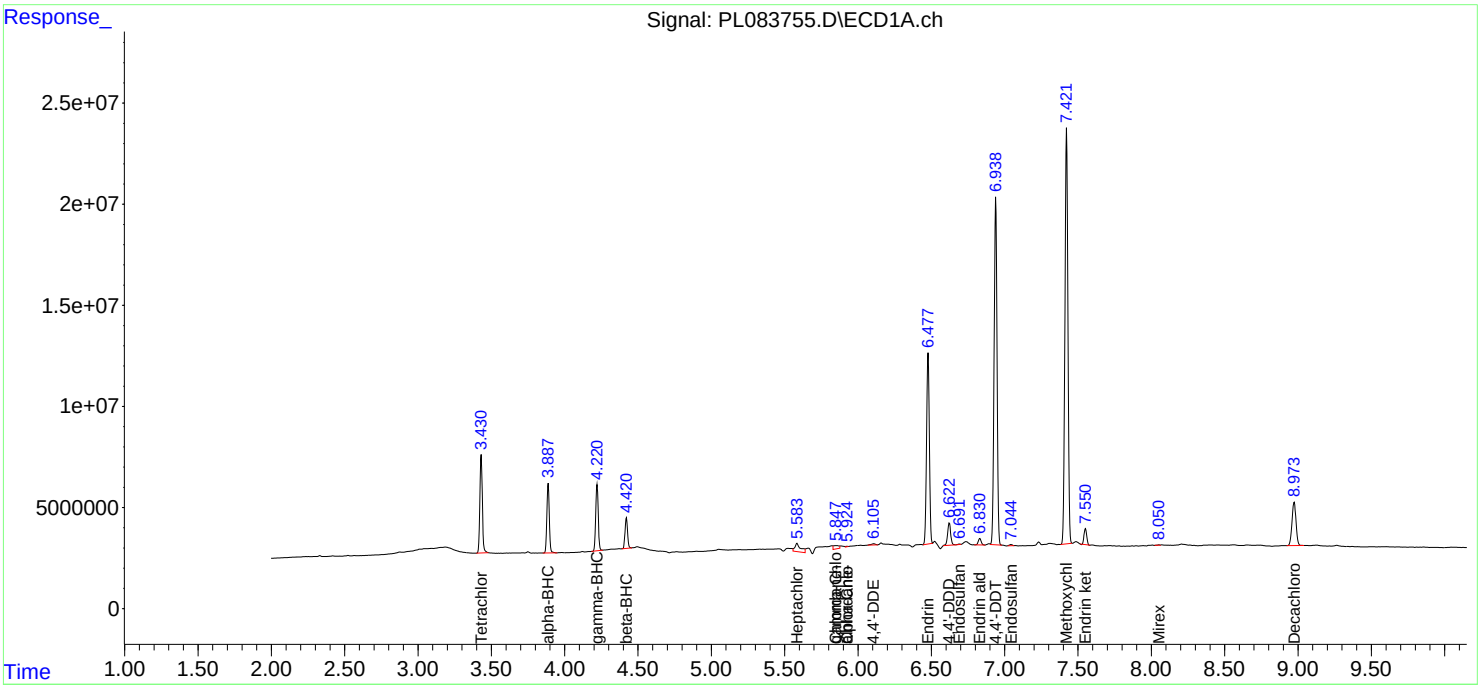
Quantitation Report (Not Reviewed)

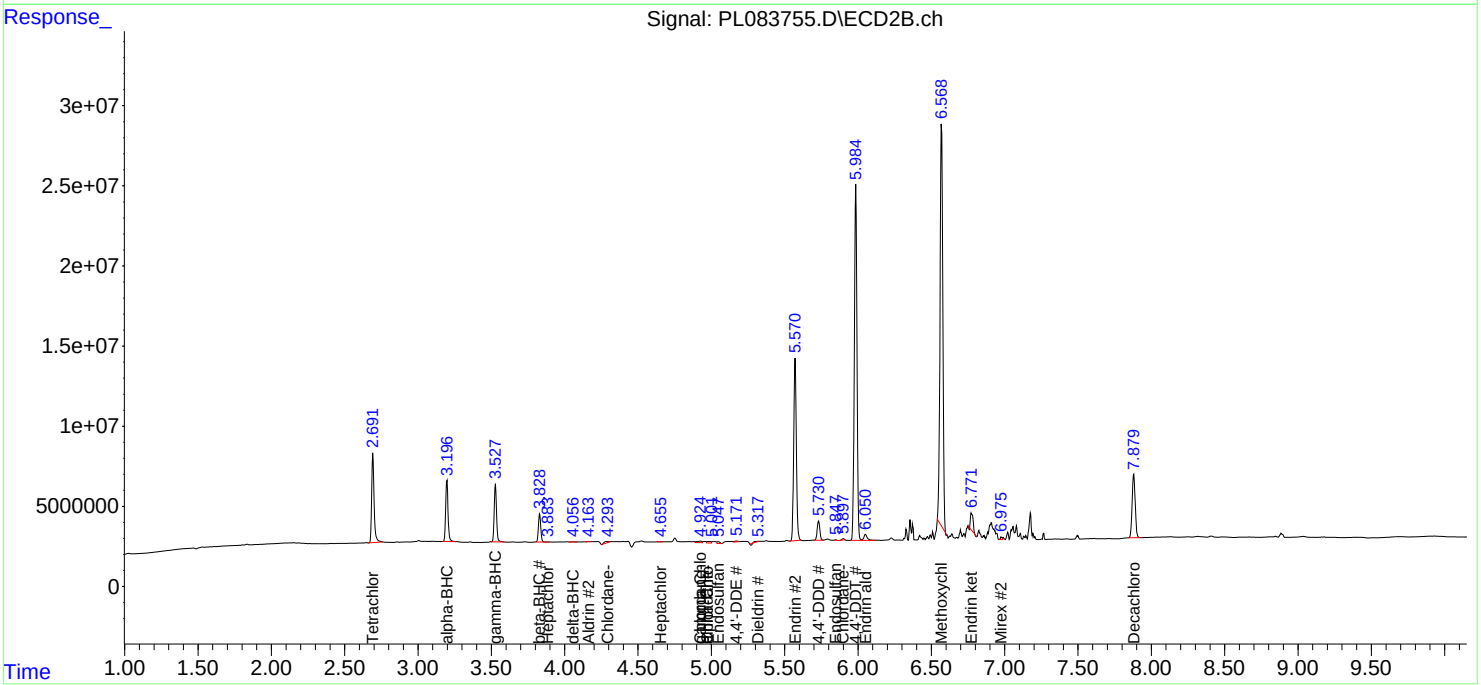
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
Data File : PL083755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2023 08:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

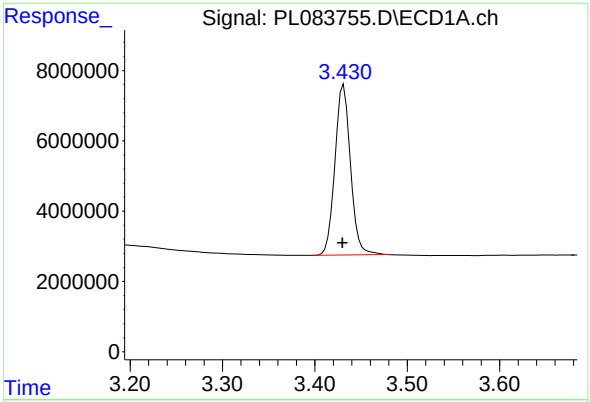
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 29 02:20:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 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



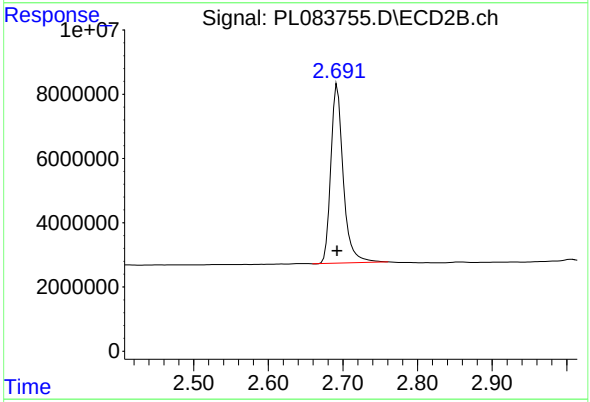




#1 Tetrachloro-m-xylene

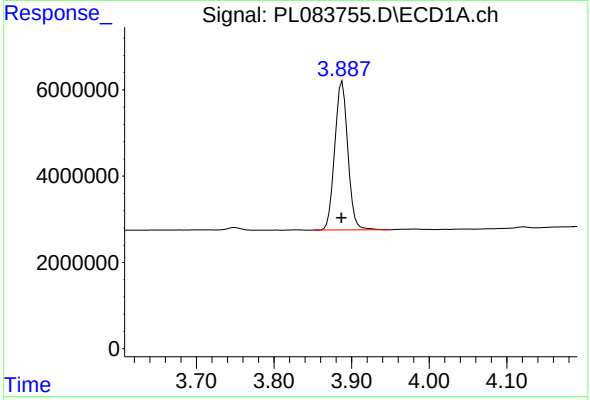
R.T.: 3.431 min
Delta R.T.: 0.001 min
Response: 56843122
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



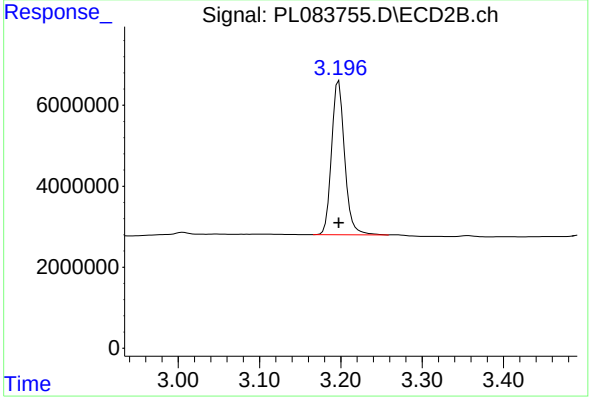
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 64571439
Conc: 22.24 ng/ml



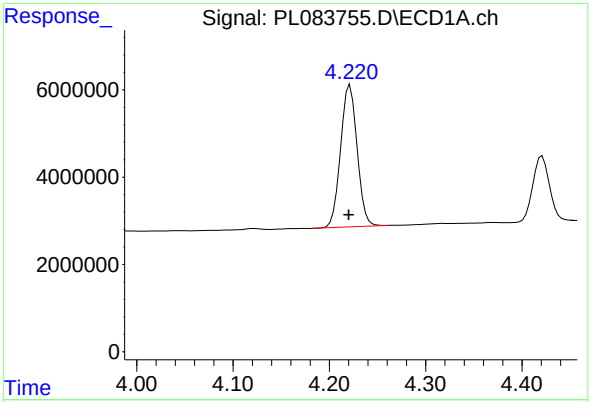
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.001 min
Response: 40478273
Conc: 10.78 ng/ml



#2 alpha-BHC

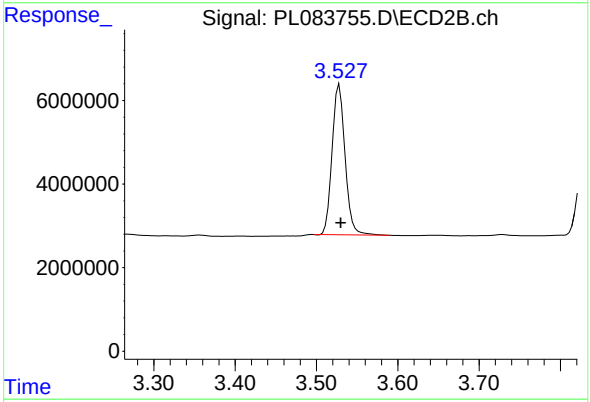
R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 42424016
Conc: 10.12 ng/ml



#3 gamma-BHC (Lindane)

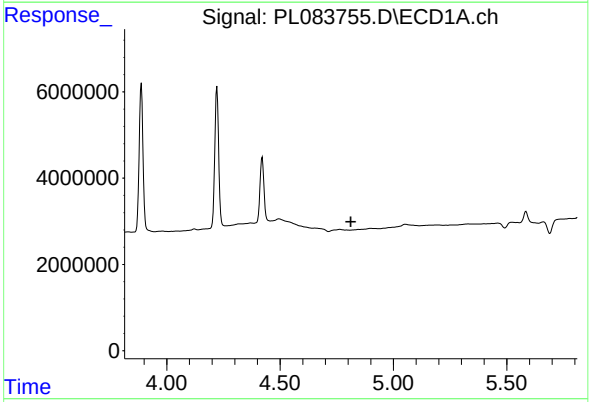
R.T.: 4.221 min
Delta R.T.: 0.001 min
Response: 38506442
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



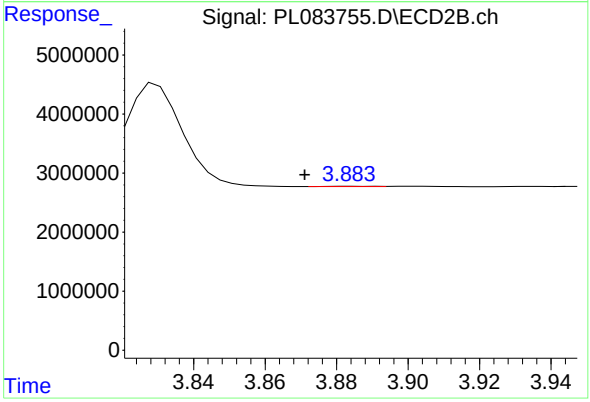
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 39867857
Conc: 9.98 ng/ml



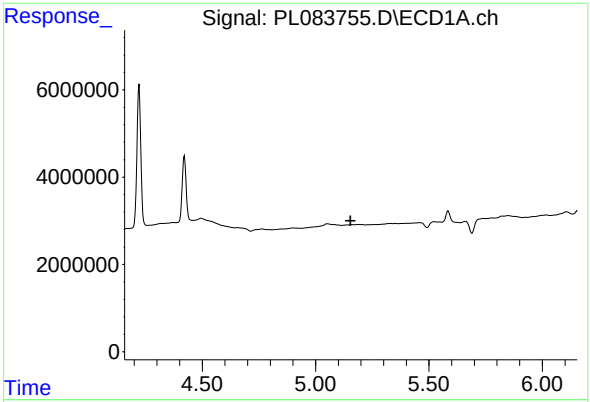
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#4 Heptachlor

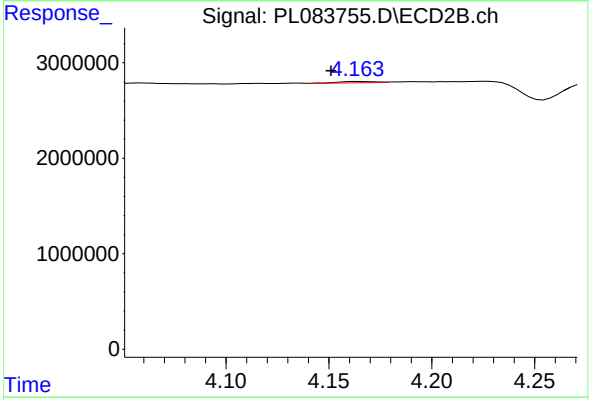
R.T.: 3.884 min
Delta R.T.: 0.012 min
Response: 34780
Conc: 0.01 ng/ml



#5 Aldrin

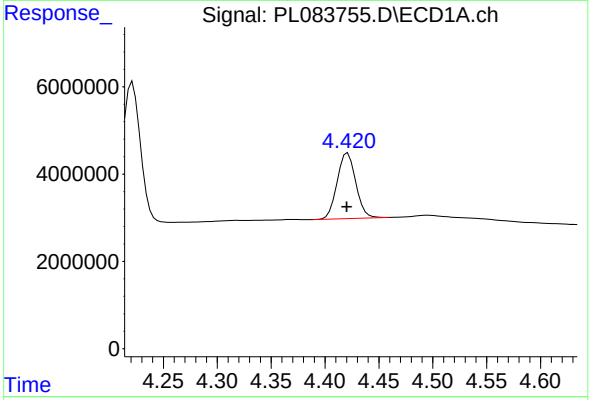
R.T.: 5.163 min
Delta R.T.: 0.009 min
Response: -22387
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



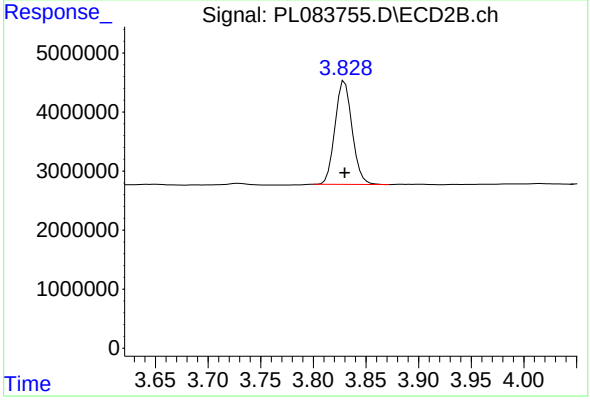
#5 Aldrin

R.T.: 4.164 min
Delta R.T.: 0.013 min
Response: 159910
Conc: 0.04 ng/ml



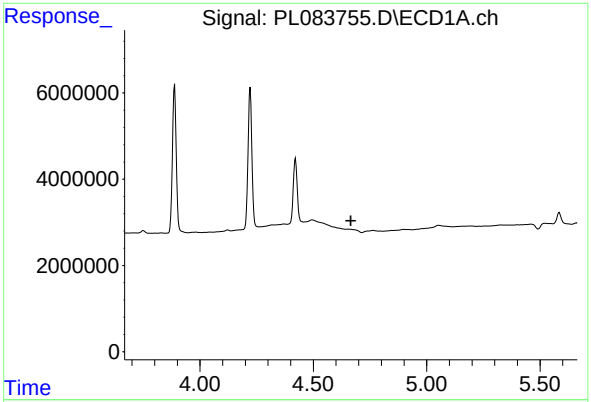
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 18215635
Conc: 12.13 ng/ml



#6 beta-BHC

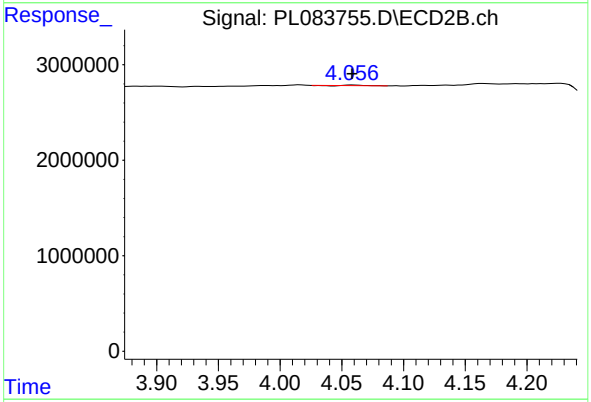
R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 19855392
Conc: 11.82 ng/ml



#7 delta-BHC

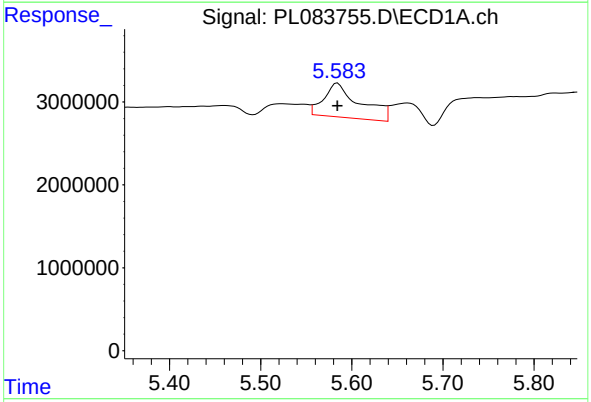
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



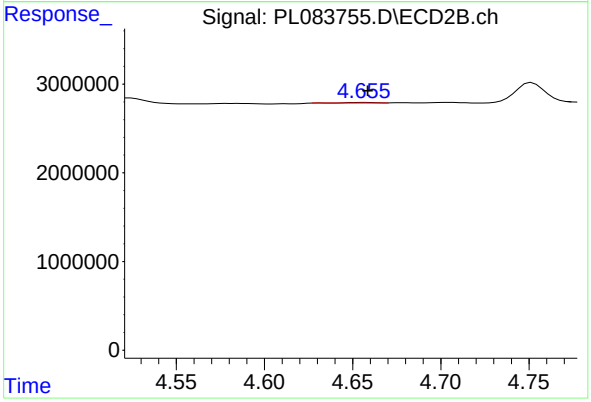
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 48737
Conc: 0.01 ng/ml



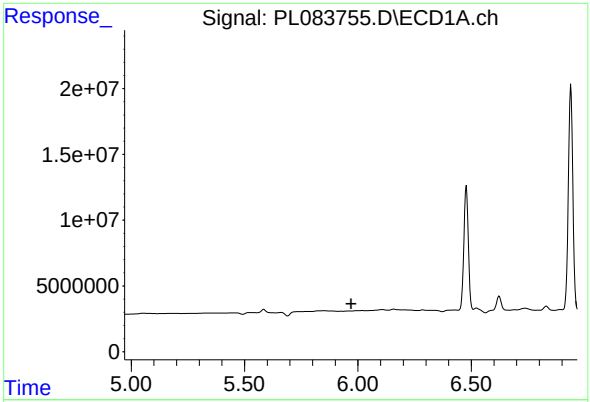
#8 Heptachlor epoxide

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 11250213
Conc: 3.33 ng/ml



#8 Heptachlor epoxide

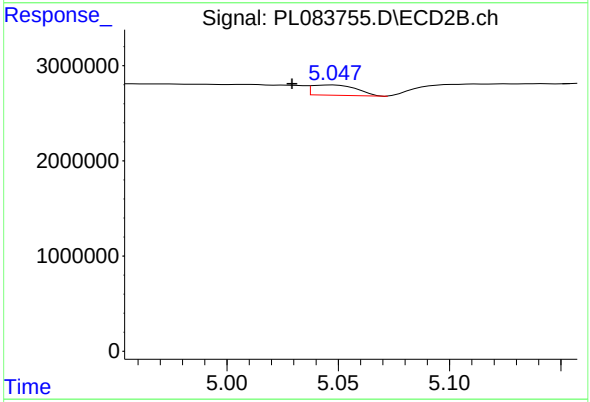
R.T.: 4.656 min
Delta R.T.: -0.002 min
Response: 75124
Conc: 0.02 ng/ml



#9 Endosulfan I

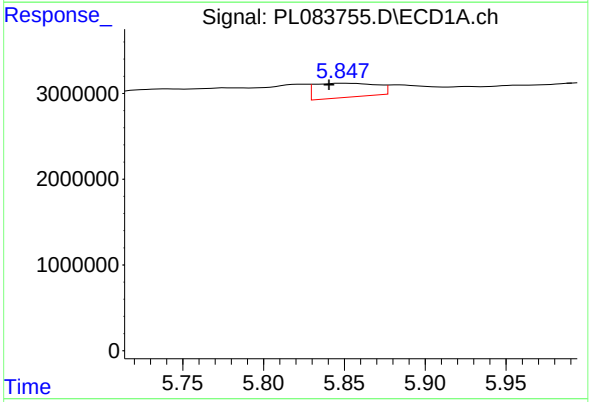
R.T.: 0.000 min
Exp R.T. : 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



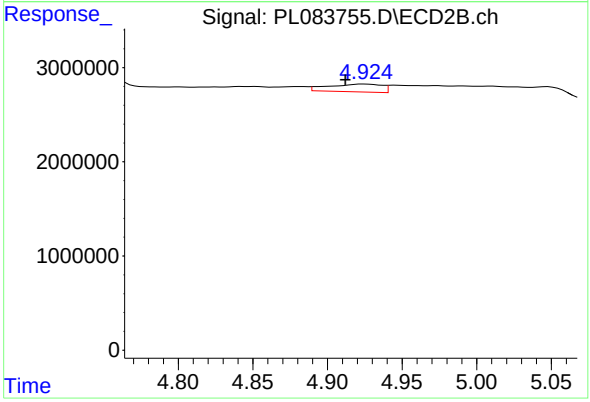
#9 Endosulfan I

R.T.: 5.047 min
Delta R.T.: 0.018 min
Response: 1528533
Conc: 0.49 ng/ml



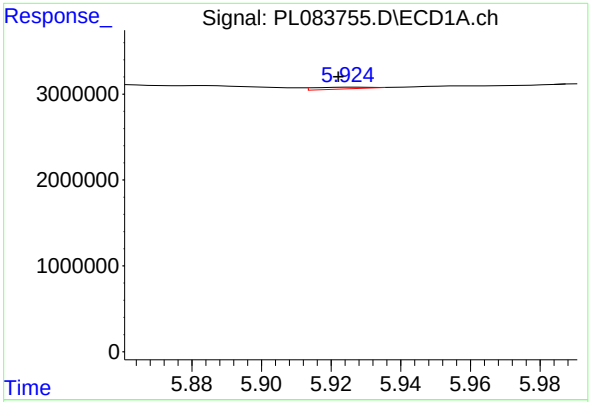
#10 gamma-Chlordane

R.T.: 5.849 min
Delta R.T.: 0.009 min
Response: 4348821
Conc: 1.29 ng/ml



#10 gamma-Chlordane

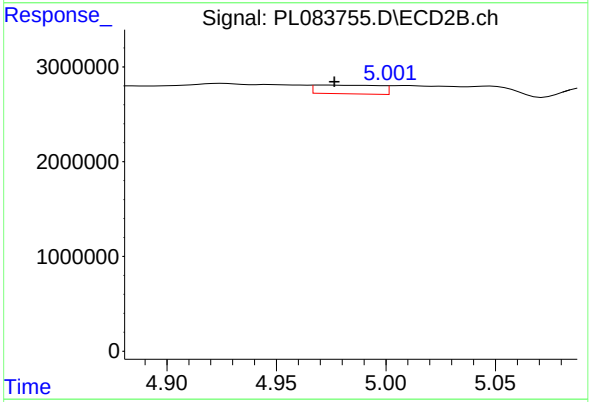
R.T.: 4.925 min
Delta R.T.: 0.013 min
Response: 2065236
Conc: 0.61 ng/ml



#11 alpha-Chlordane

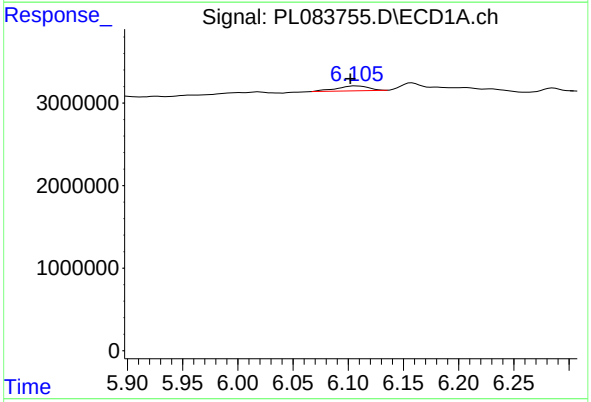
R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 228248
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



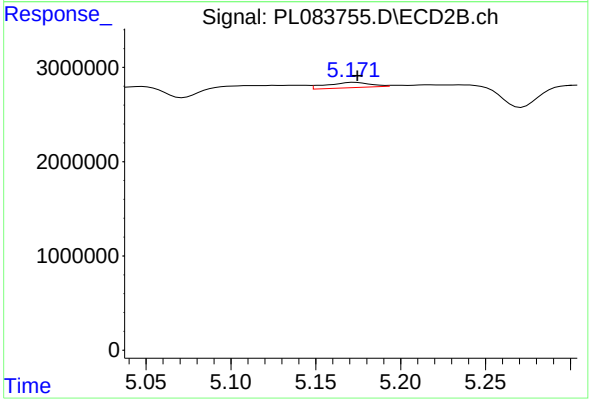
#11 alpha-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 1870049
Conc: 0.55 ng/ml



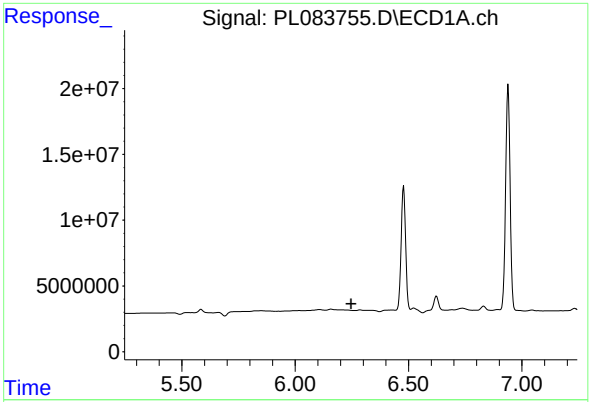
#12 4,4'-DDE

R.T.: 6.107 min
Delta R.T.: 0.005 min
Response: 1212875
Conc: 0.42 ng/ml



#12 4,4'-DDE

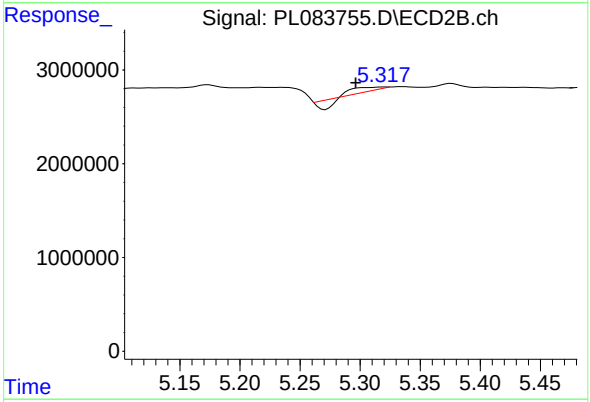
R.T.: 5.173 min
Delta R.T.: -0.001 min
Response: 1007214
Conc: 0.36 ng/ml



#13 Dieldrin

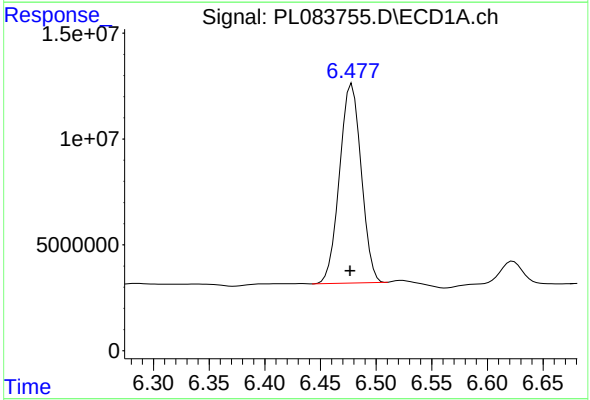
R.T.: 0.000 min
Exp R.T. : 6.247 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



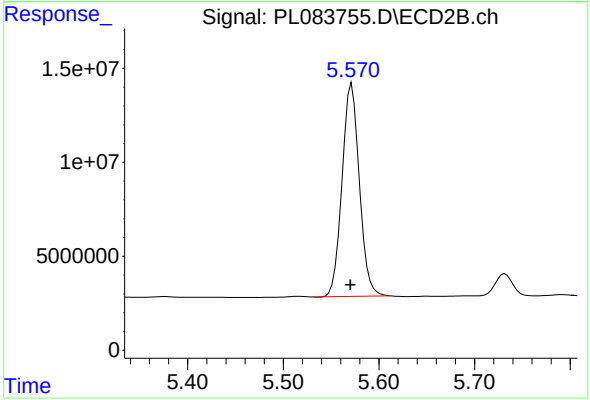
#13 Dieldrin

R.T.: 5.320 min
Delta R.T.: 0.023 min
Response: 130734
Conc: 0.04 ng/ml



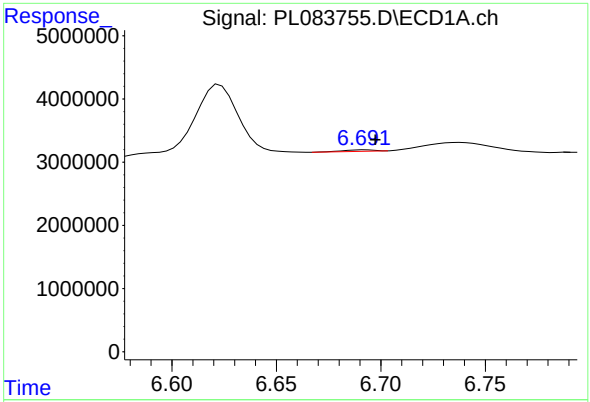
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 127716765
Conc: 48.41 ng/ml



#14 Endrin

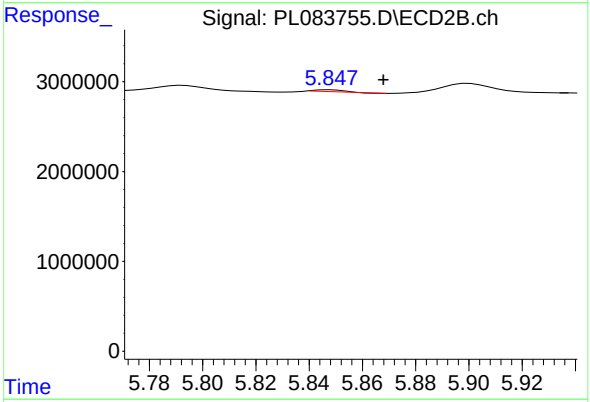
R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 142847791
Conc: 53.68 ng/ml



#15 Endosulfan II

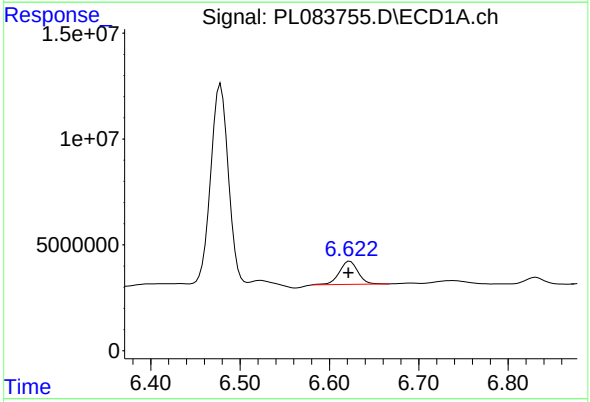
R.T.: 6.693 min
Delta R.T.: -0.005 min
Response: 231293
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



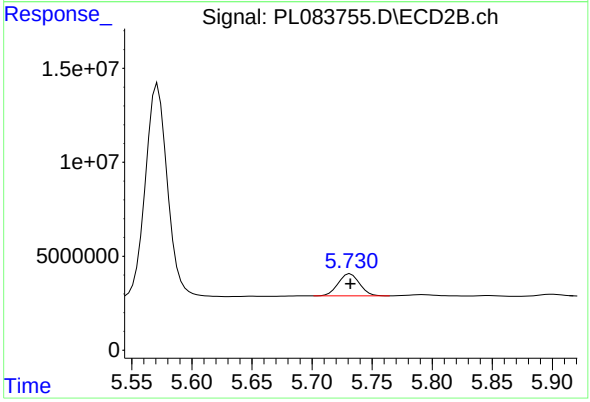
#15 Endosulfan II

R.T.: 5.848 min
Delta R.T.: -0.020 min
Response: 146853
Conc: 0.06 ng/ml



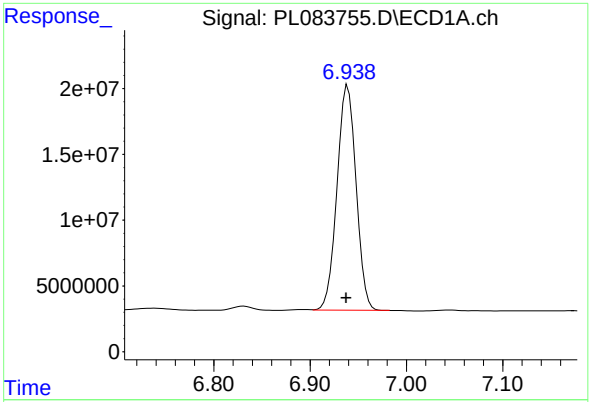
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 15892883
Conc: 7.34 ng/ml



#16 4,4'-DDD

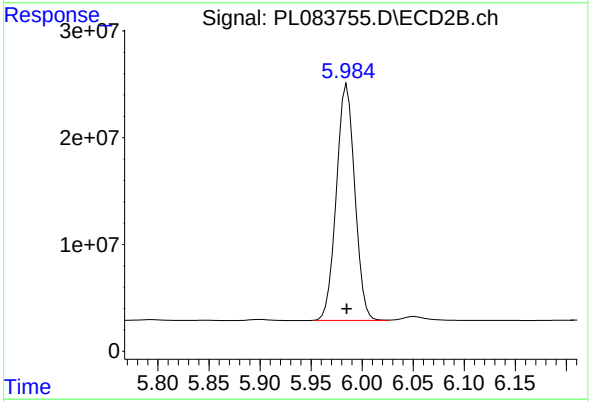
R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 14618285
Conc: 6.74 ng/ml



#17 4,4'-DDT

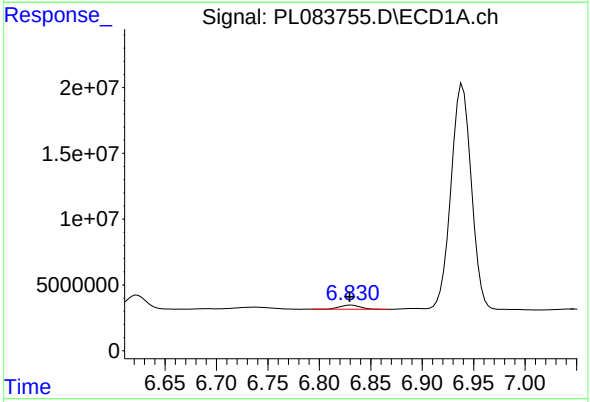
R.T.: 6.939 min
Delta R.T.: 0.002 min
Response: 234571282
Conc: 99.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



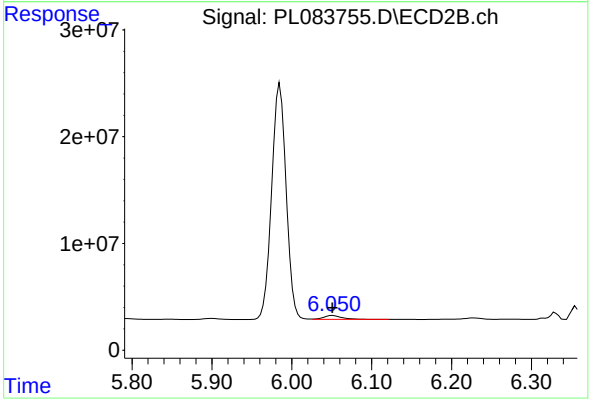
#17 4,4'-DDT

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 278341418
Conc: 112.22 ng/ml



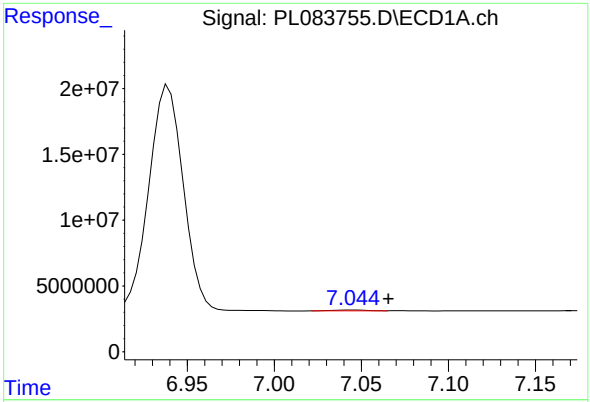
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 4413972
Conc: 2.39 ng/ml



#18 Endrin aldehyde

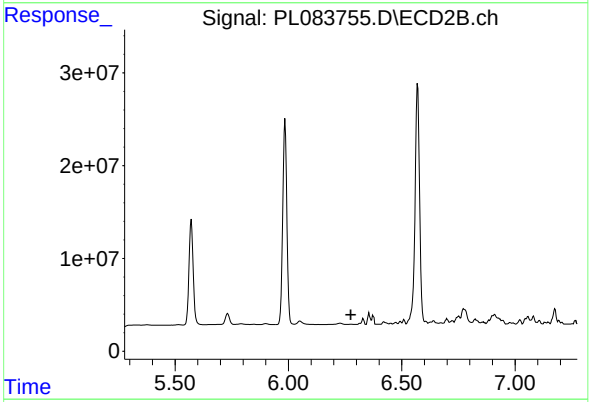
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 5945843
Conc: 2.91 ng/ml



#19 Endosulfan Sulfate

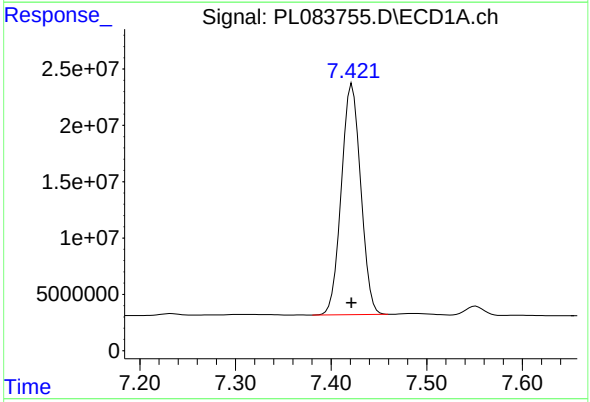
R.T.: 7.045 min
Delta R.T.: -0.020 min
Response: 749655
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



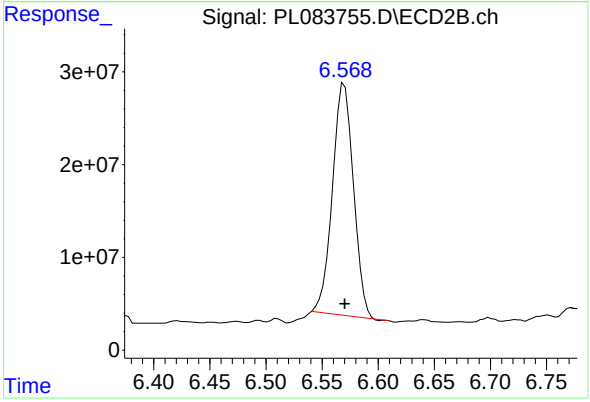
#19 Endosulfan Sulfate

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: -299471
Conc: N.D.



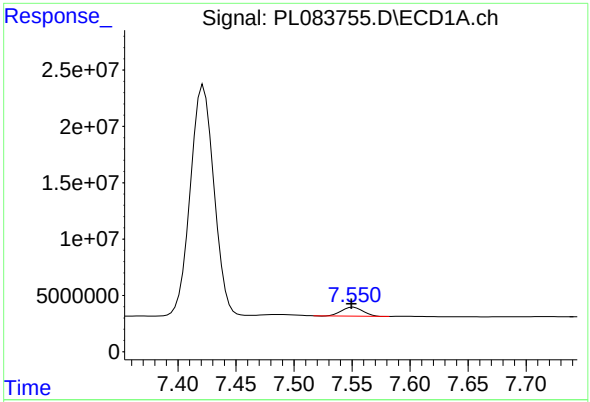
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 289299368
Conc: 250.12 ng/ml



#20 Methoxychlor

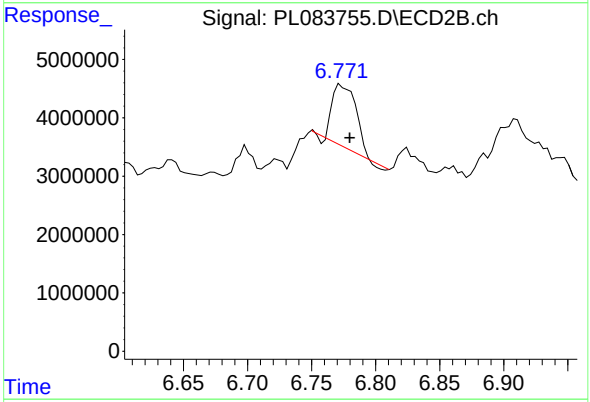
R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 323993933
Conc: 255.89 ng/ml



#21 Endrin ketone

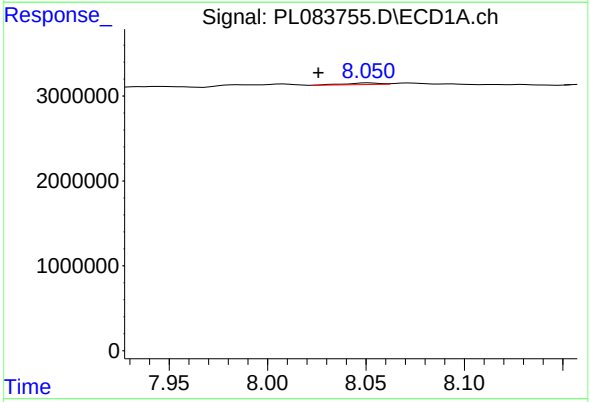
R.T.: 7.551 min
Delta R.T.: 0.002 min
Response: 9991149
Conc: 4.30 ng/ml

Instrument :
ECD_L
ClientSampleId :



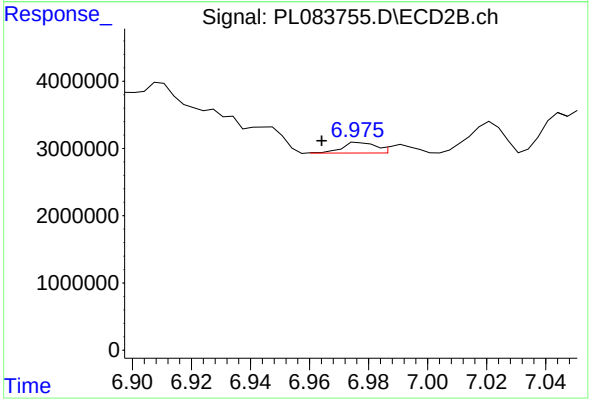
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.007 min
Response: 12520160
Conc: 4.32 ng/ml



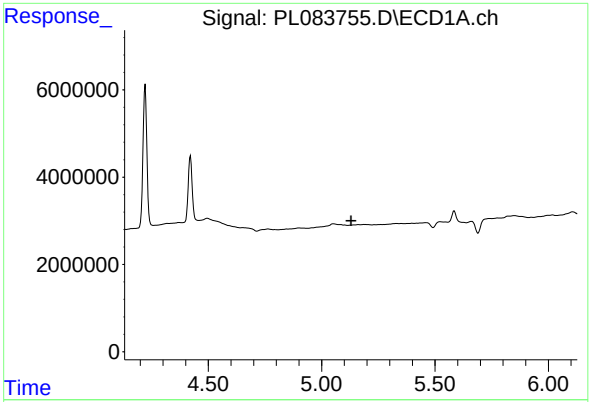
#22 Mirex

R.T.: 8.051 min
Delta R.T.: 0.026 min
Response: 225207
Conc: 0.12 ng/ml



#22 Mirex

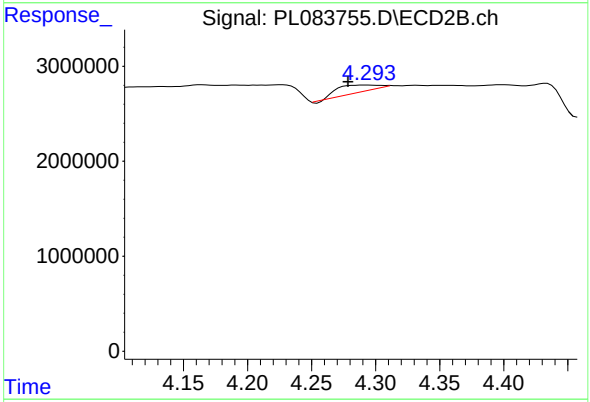
R.T.: 6.977 min
Delta R.T.: 0.013 min
Response: 1231522
Conc: 0.49 ng/ml



#24 Chlordane-2

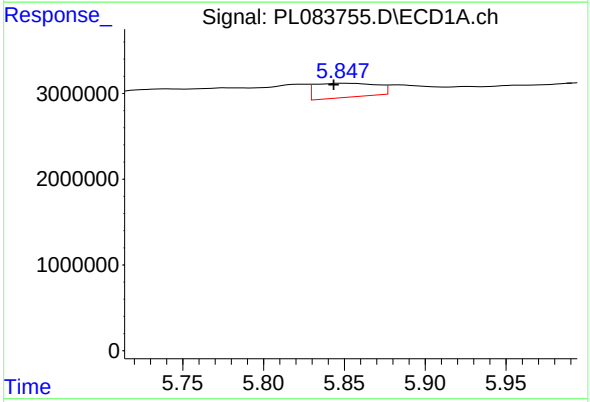
R.T.: 0.000 min
Exp R.T. : 5.130 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



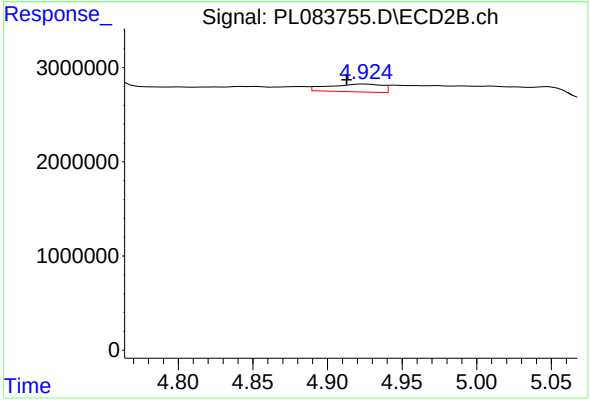
#24 Chlordane-2

R.T.: 4.294 min
Delta R.T.: 0.016 min
Response: 1898624
Conc: 15.93 ng/ml



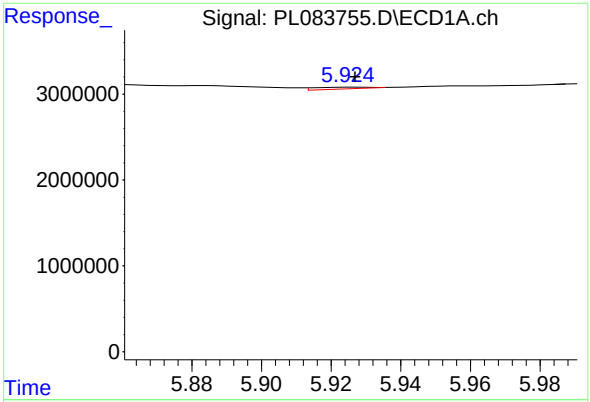
#25 Chlordane-3

R.T.: 5.849 min
Delta R.T.: 0.006 min
Response: 4348821
Conc: 8.98 ng/ml



#25 Chlordane-3

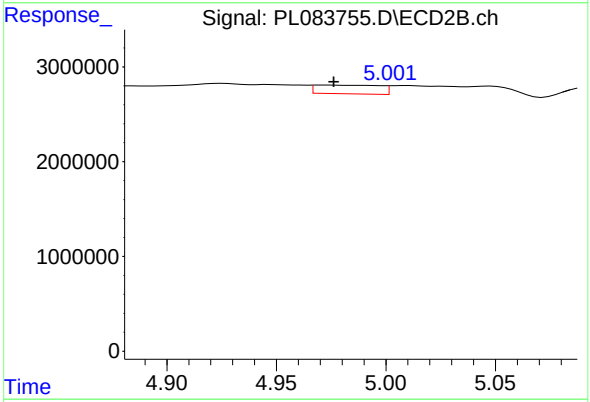
R.T.: 4.925 min
Delta R.T.: 0.012 min
Response: 2065236
Conc: 6.13 ng/ml



#26 Chlordane-4

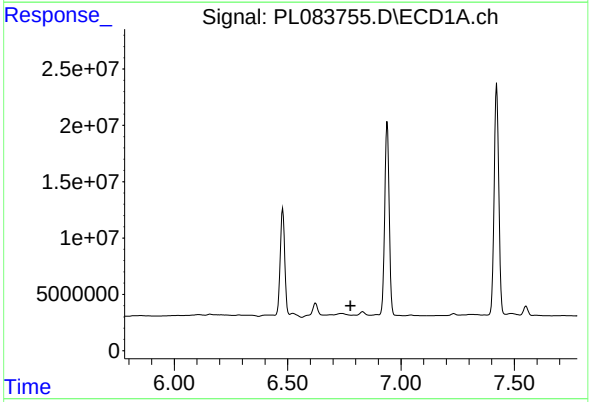
R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 228248
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



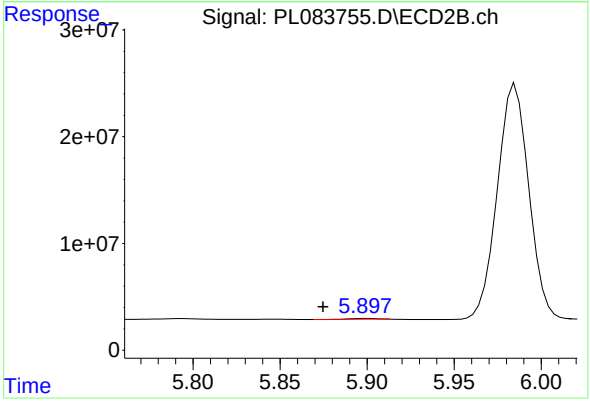
#26 Chlordane-4

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 1870049
Conc: 5.30 ng/ml



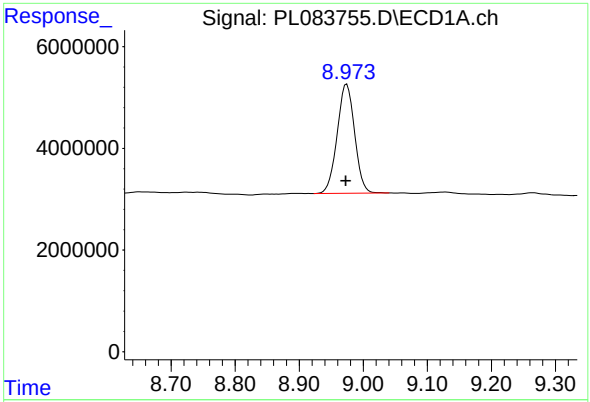
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.777 min
Response: 0
Conc: N.D.



#27 Chlordane-5

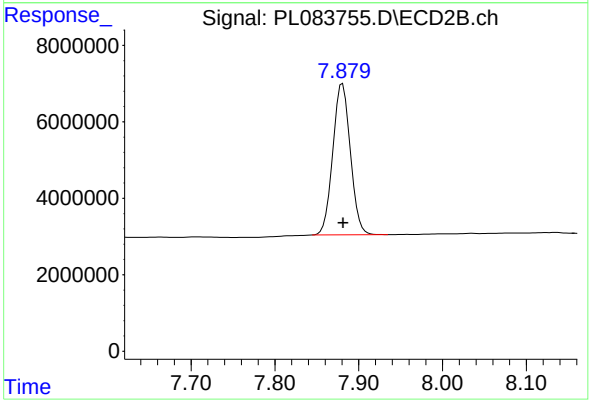
R.T.: 5.900 min
Delta R.T.: 0.025 min
Response: 784133
Conc: 7.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.002 min
Response: 40586898
Conc: 23.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 57551427
Conc: 23.28 ng/ml