Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
Data File : PL082400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2023 09:22
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: May 01 13:51:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.646	52079119	42004794	19.496	18.131	
28)	SA Decachlor...	8.748	7.760	36022195	39641090	18.869	17.367	
	Target Compounds							
2)	A alpha-BHC	3.773	3.144	34907946	27813759	8.770	8.172	
3)	MA gamma-BHC...	4.101	3.471	34977334	26570714	9.355	8.264	
4)	MA Heptachlor	4.688	0.000	691942	0	0.189	N.D.	#
5)	MB Aldrin	0.000	4.096	0	593846	N.D.	0.189	#
6)	B beta-BHC	4.305	3.771	16072315	13168229	9.424	9.651	
7)	B delta-BHC	4.528f	3.995	1689394	192627	0.470	0.063	#
8)	B Heptachlo...	5.447	0.000	993440	0	0.326	N.D.	#
9)	A Endosulfan I	5.821	4.953	2808270	202152	1.013	0.076	#
10)	B gamma-Chl...	5.690	4.843	799776	589909	0.266	0.203	
11)	B alpha-Chl...	5.755f	4.900	489470	149608	0.164	0.052	#
12)	B 4,4'-DDE	5.951	5.088	431488	109178	0.170	0.047	#
13)	MA Dieldrin	6.103	0.000	281256	0	0.102	N.D.	#
14)	MA Endrin	6.327	5.488	103.6E6	96405973	42.727	39.414	
15)	B Endosulfa...	6.539	5.803f	1415845	217155	0.582	0.096	#
16)	A 4,4'-DDD	6.472	5.639	1532937	1252934	0.756	0.670	
17)	MA 4,4'-DDT	6.783	5.888	203.0E6	185.4E6	88.745	87.773	
18)	B Endrin al...	6.679	5.966	2679657	4139391	1.422	2.212	#
19)	B Endosulfa...	0.000	6.183	0	437431	N.D.	0.186	#
20)	A Methoxychlor	7.263	6.468	266.7E6	251.3E6	218.570	207.361	
21)	B Endrin ke...	7.393	6.693	3864731	5291166	1.614	2.085	#
22)	Mirex	0.000	6.866	0	62829	N.D.	0.027	#
23)	Chlordane-1	0.000	3.619	0	1510233	N.D.	17.029	#
25)	Chlordane-3	5.690	4.843	799776	589909	1.853	2.076	
26)	Chlordane-4	5.755f	4.900	489470	149608	0.941	0.501	#
27)	Chlordane-5	0.000	5.803f	0	217155	N.D.	2.200	#

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

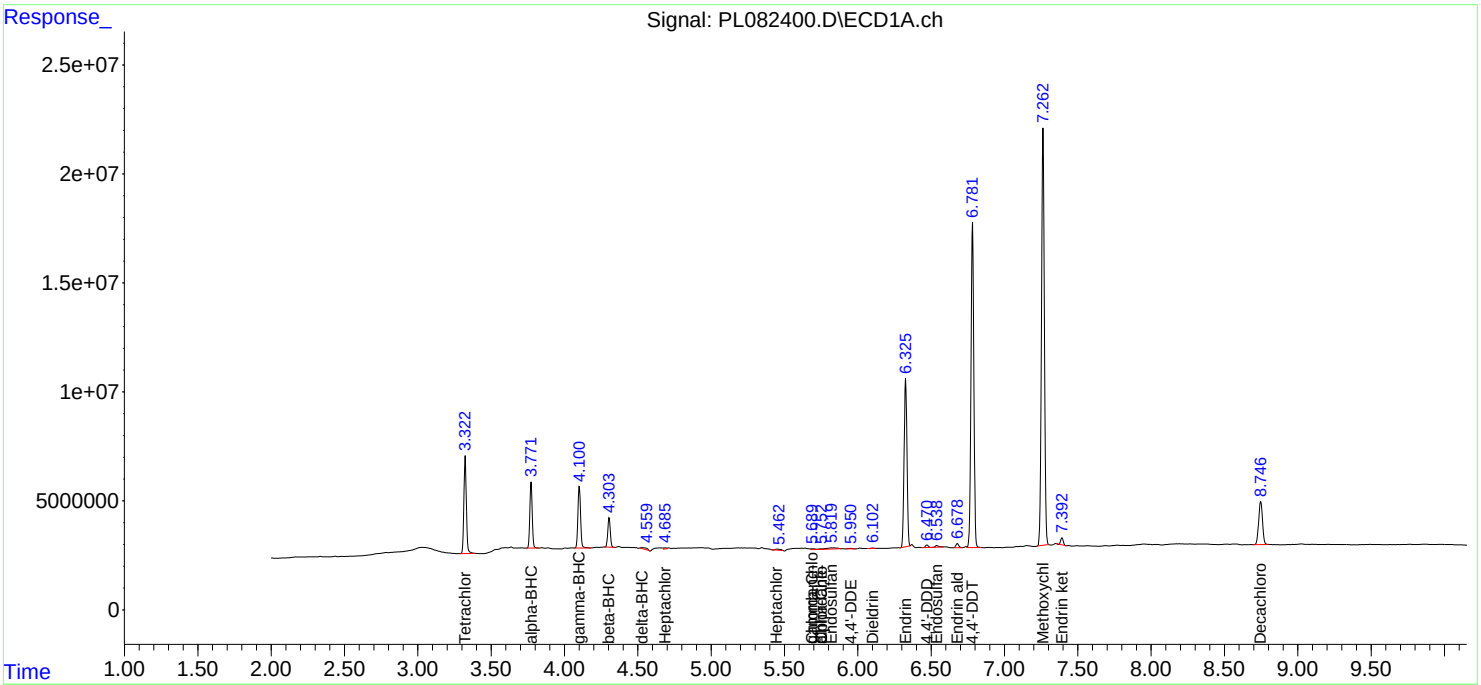
Quantitation Report (Not Reviewed)

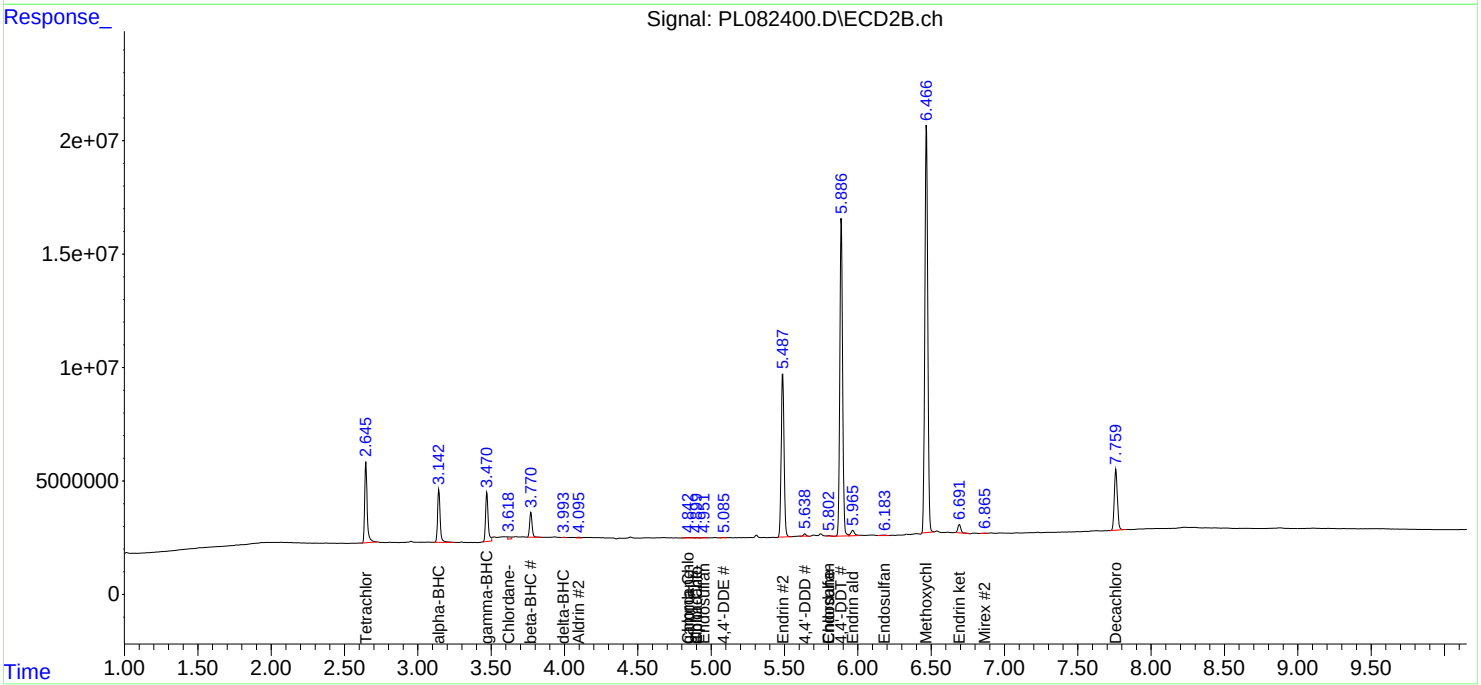
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
Data File : PL082400.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2023 09:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

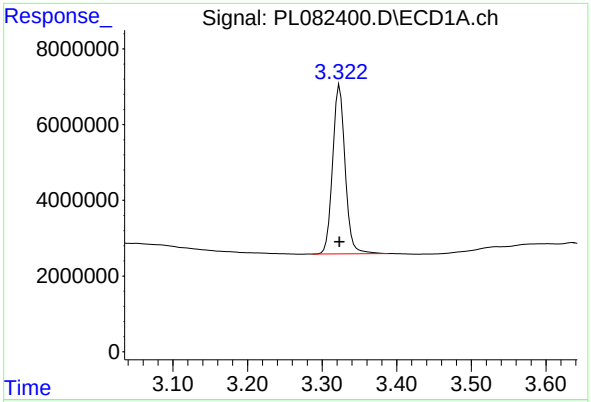
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 13:51:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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



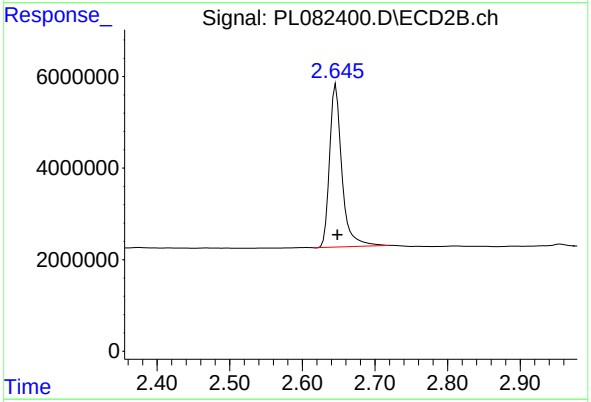




#1 Tetrachloro-m-xylene

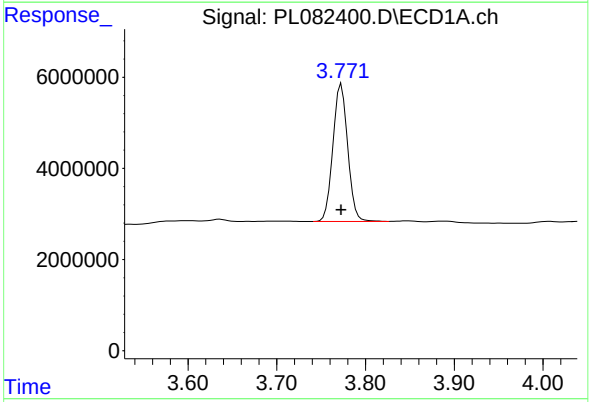
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 52079119
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



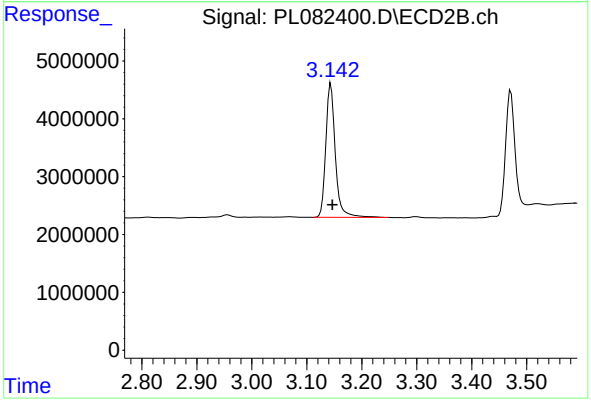
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 42004794
Conc: 18.13 ng/ml



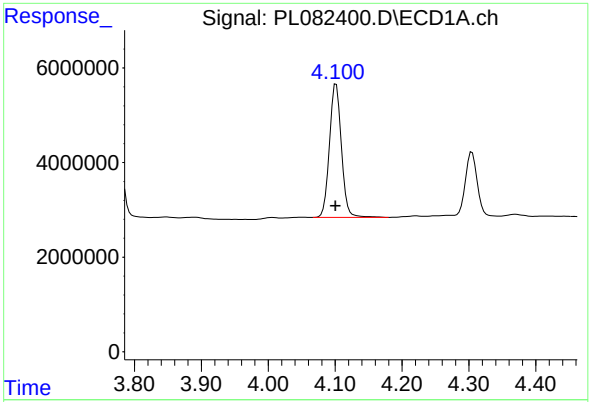
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 34907946
Conc: 8.77 ng/ml



#2 alpha-BHC

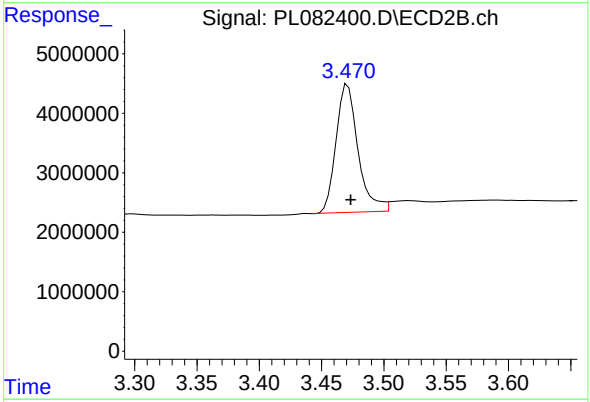
R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 27813759
Conc: 8.17 ng/ml



#3 gamma-BHC (Lindane)

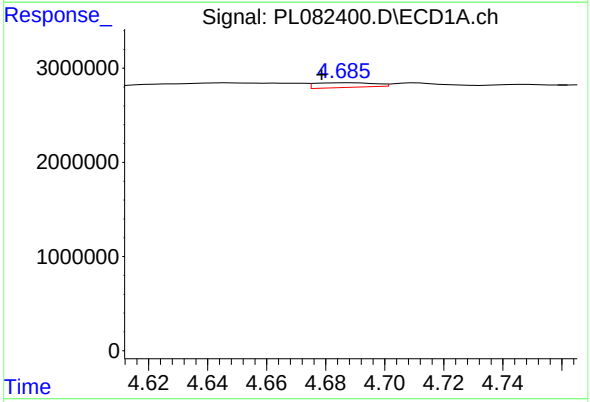
R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 34977334
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



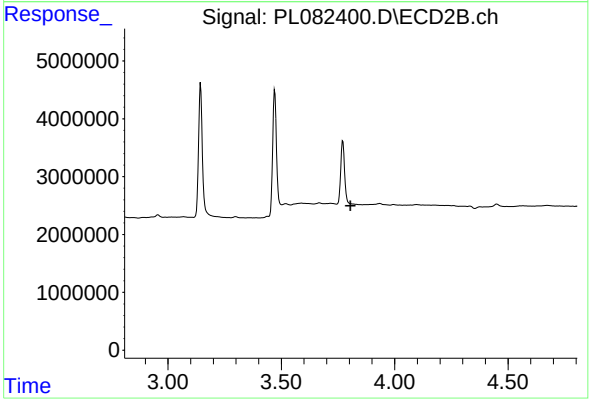
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 26570714
Conc: 8.26 ng/ml



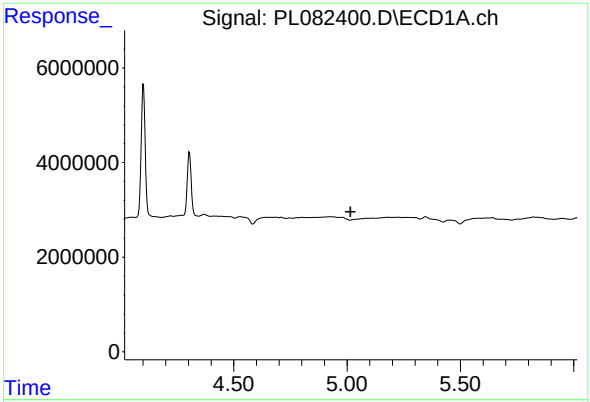
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: 0.009 min
Response: 691942
Conc: 0.19 ng/ml



#4 Heptachlor

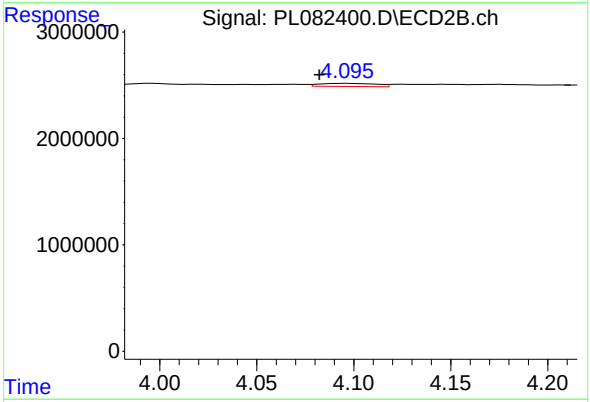
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#5 Aldrin

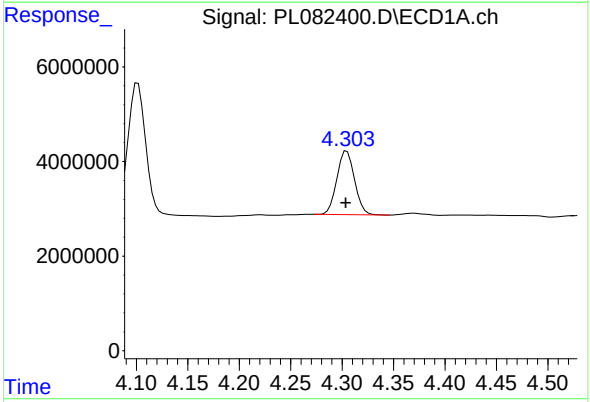
R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



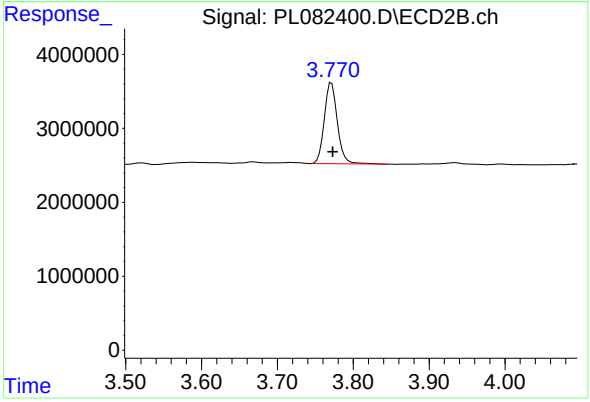
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.014 min
Response: 593846
Conc: 0.19 ng/ml



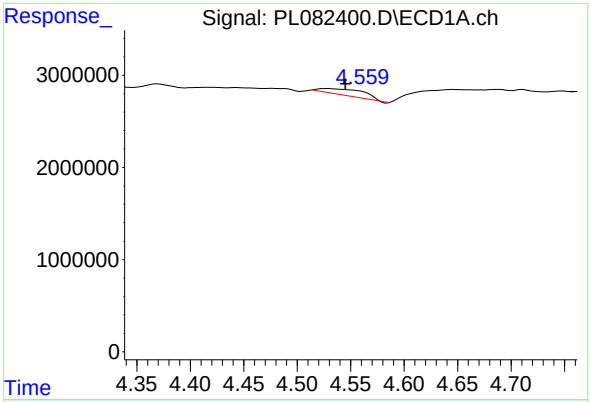
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 16072315
Conc: 9.42 ng/ml



#6 beta-BHC

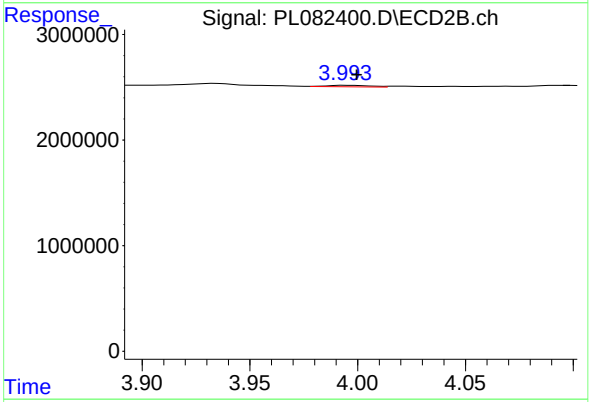
R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 13168229
Conc: 9.65 ng/ml



#7 delta-BHC

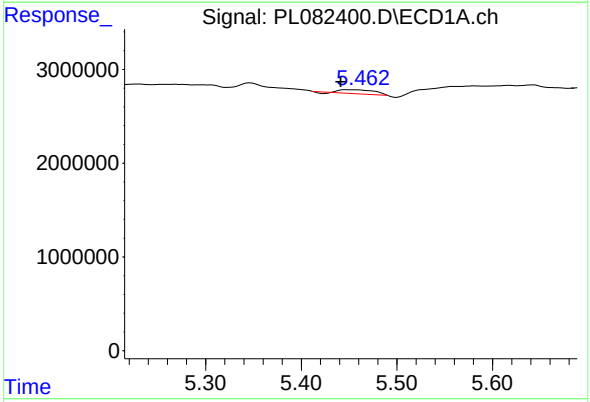
R.T.: 4.528 min
Delta R.T.: -0.017 min
Response: 1689394
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :



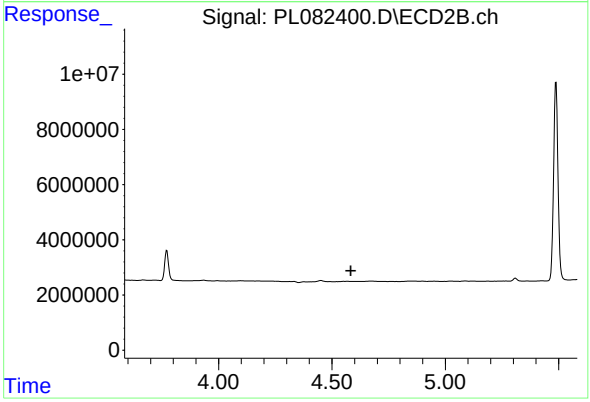
#7 delta-BHC

R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 192627
Conc: 0.06 ng/ml



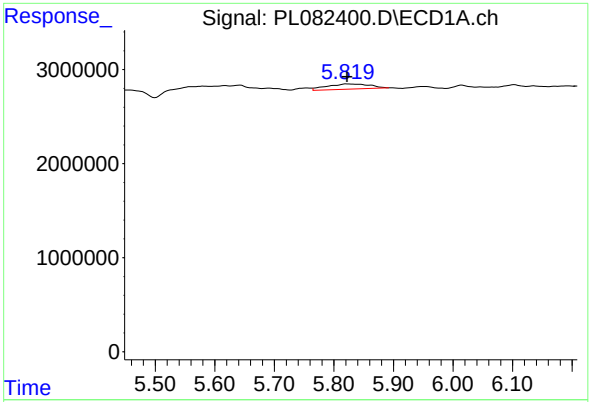
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: 0.006 min
Response: 993440
Conc: 0.33 ng/ml



#8 Heptachlor epoxide

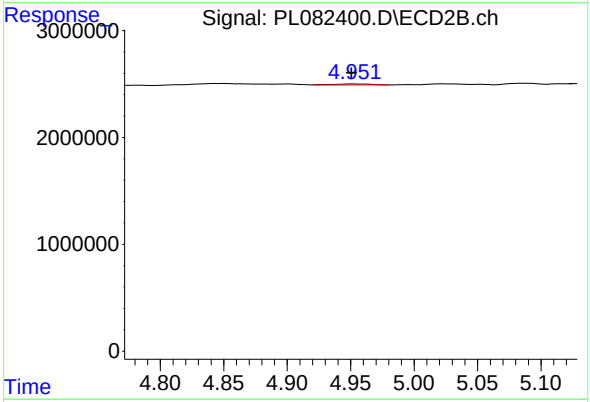
R.T.: 0.000 min
Exp R.T. : 4.583 min
Response: 0
Conc: N.D.



#9 Endosulfan I

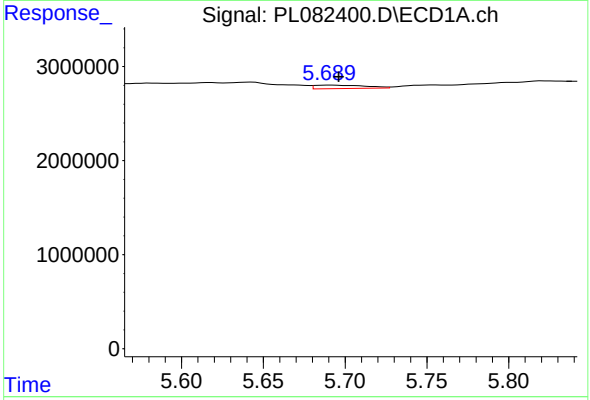
R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 2808270
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



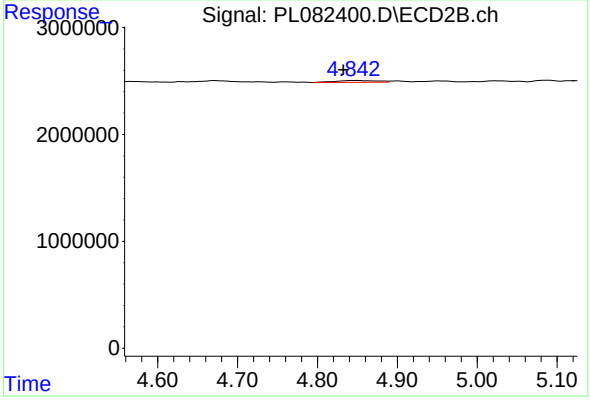
#9 Endosulfan I

R.T.: 4.953 min
Delta R.T.: 0.002 min
Response: 202152
Conc: 0.08 ng/ml



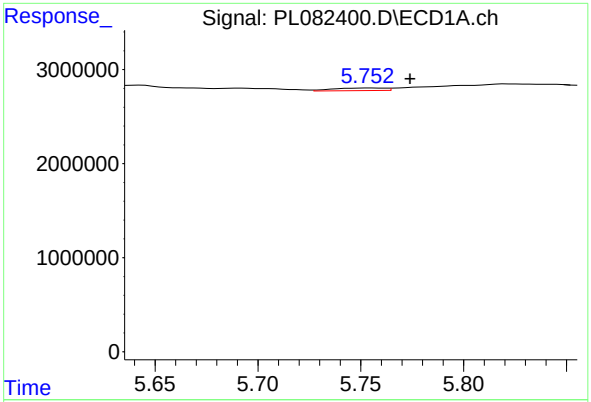
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 799776
Conc: 0.27 ng/ml



#10 gamma-Chlordane

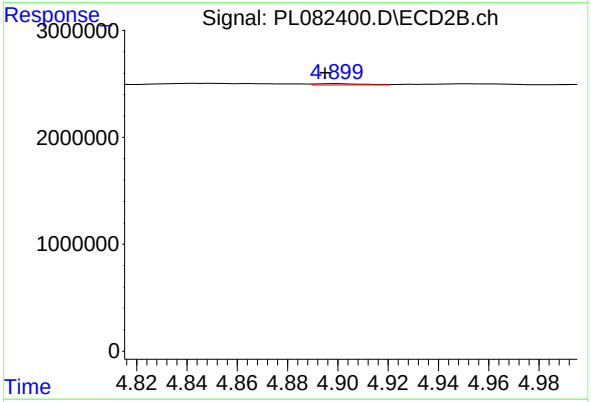
R.T.: 4.843 min
Delta R.T.: 0.011 min
Response: 589909
Conc: 0.20 ng/ml



#11 alpha-Chlordane

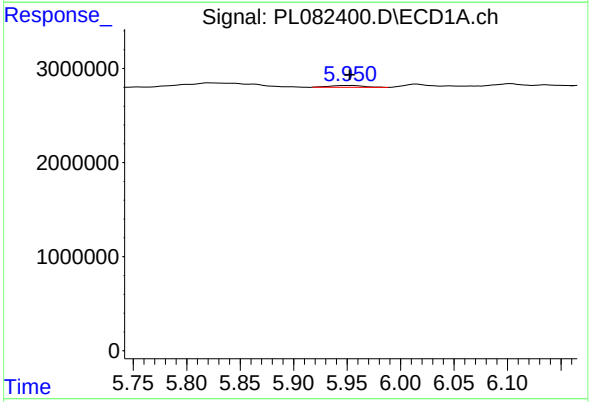
R.T.: 5.755 min
Delta R.T.: -0.019 min
Response: 489470
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



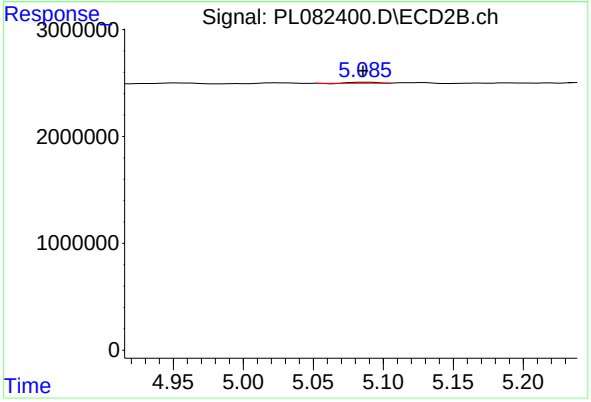
#11 alpha-Chlordane

R.T.: 4.900 min
Delta R.T.: 0.005 min
Response: 149608
Conc: 0.05 ng/ml



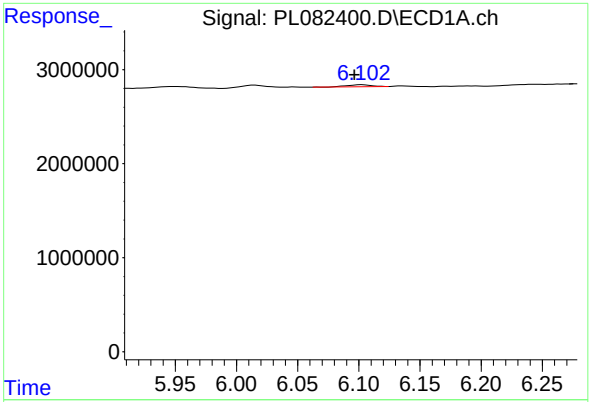
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 431488
Conc: 0.17 ng/ml



#12 4,4'-DDE

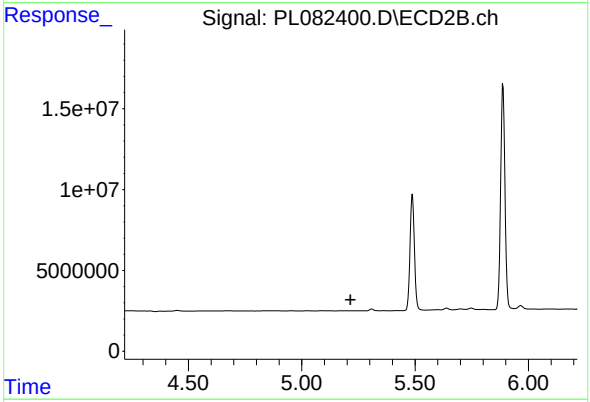
R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 109178
Conc: 0.05 ng/ml



#13 Dieldrin

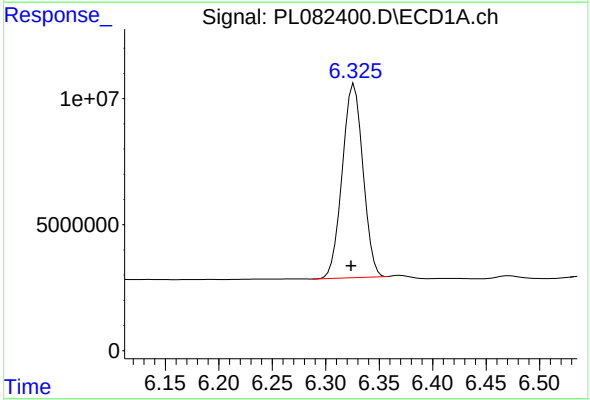
R.T.: 6.103 min
Delta R.T.: 0.007 min
Response: 281256
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



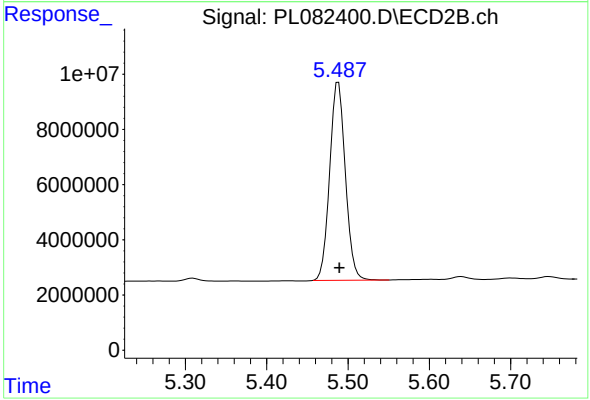
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.215 min
Response: 0
Conc: N.D.



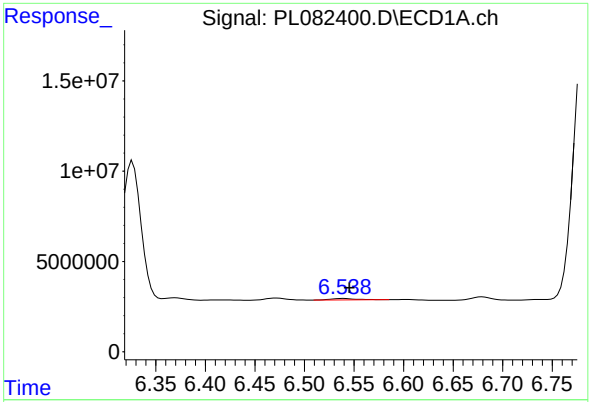
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 103594388
Conc: 42.73 ng/ml



#14 Endrin

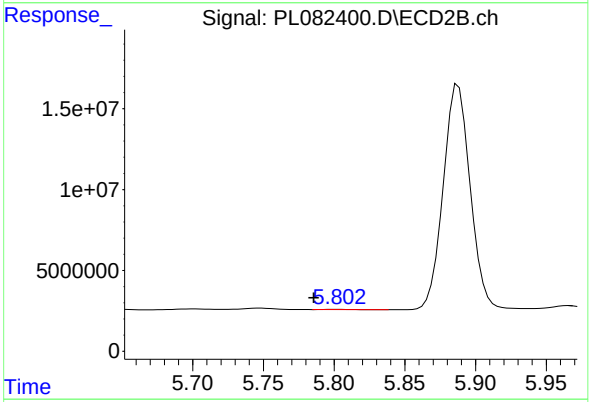
R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 96405973
Conc: 39.41 ng/ml



#15 Endosulfan II

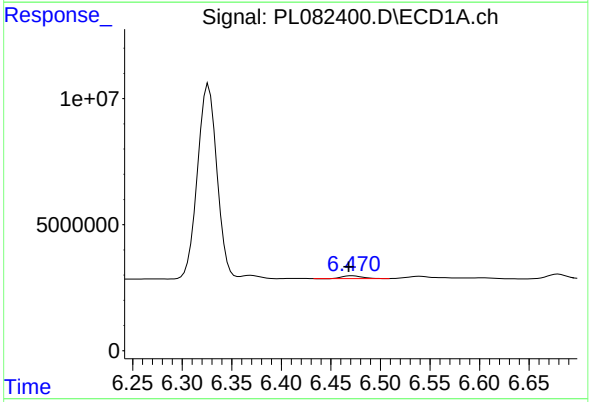
R.T.: 6.539 min
Delta R.T.: -0.006 min
Response: 1415845
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



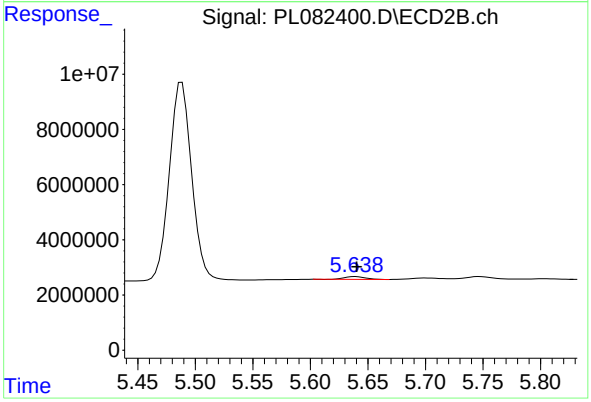
#15 Endosulfan II

R.T.: 5.803 min
Delta R.T.: 0.018 min
Response: 217155
Conc: 0.10 ng/ml



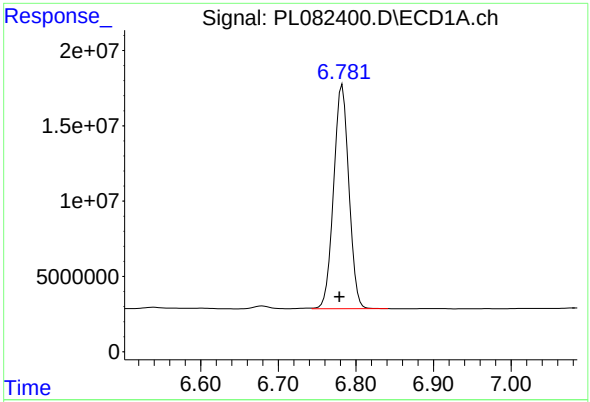
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: 0.004 min
Response: 1532937
Conc: 0.76 ng/ml



#16 4,4'-DDD

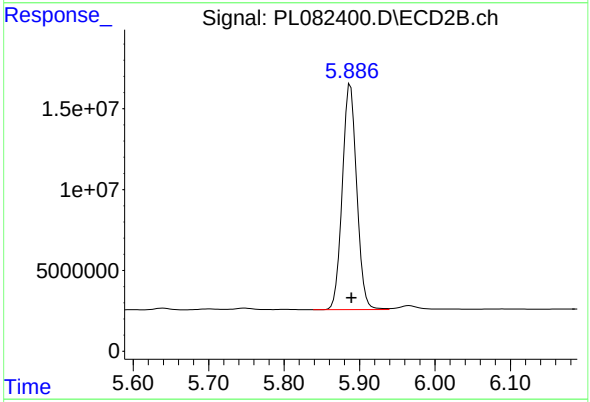
R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 1252934
Conc: 0.67 ng/ml



#17 4,4'-DDT

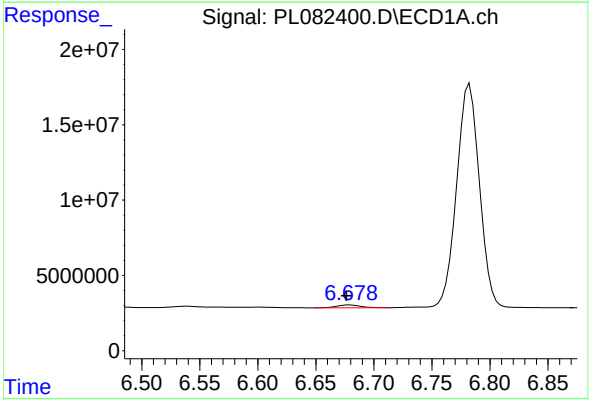
R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 203024582
Conc: 88.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



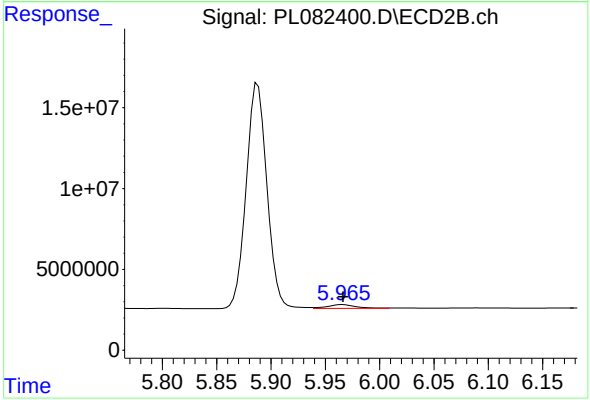
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 185428807
Conc: 87.77 ng/ml



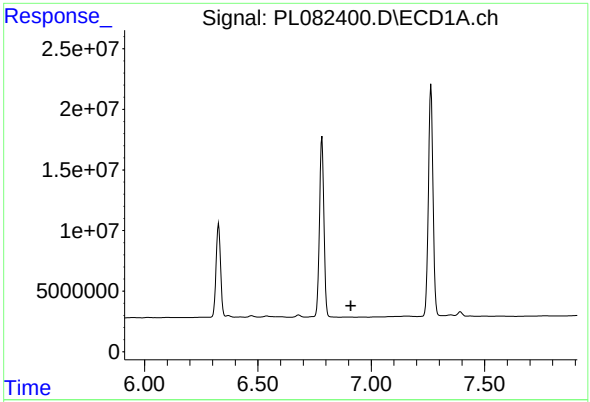
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 2679657
Conc: 1.42 ng/ml



#18 Endrin aldehyde

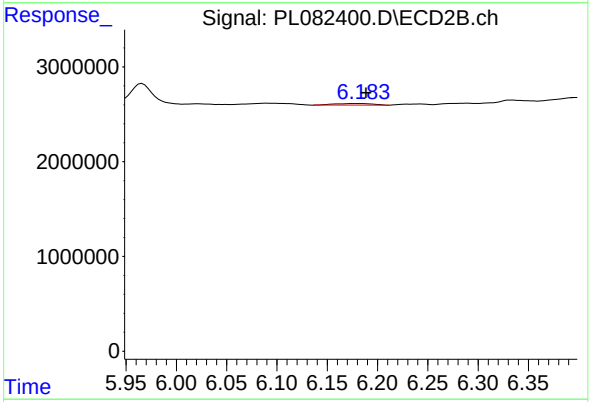
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 4139391
Conc: 2.21 ng/ml



#19 Endosulfan Sulfate

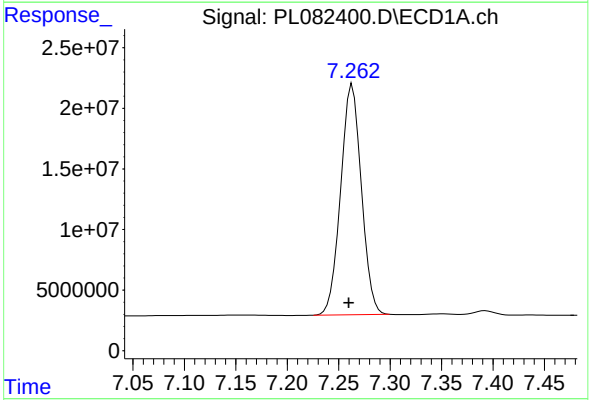
R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



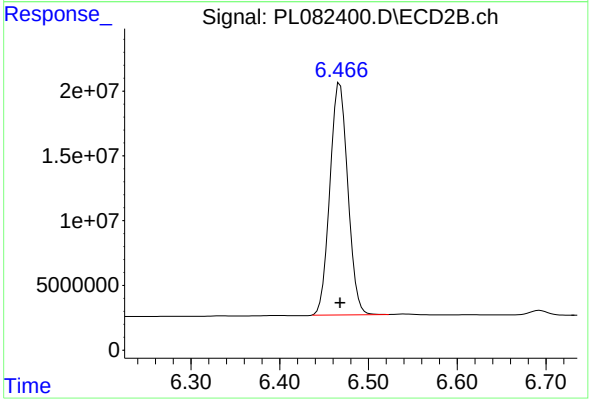
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 437431
Conc: 0.19 ng/ml



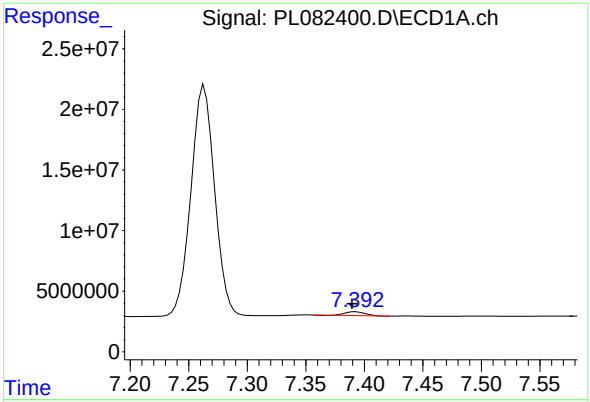
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.004 min
Response: 266727450
Conc: 218.57 ng/ml



#20 Methoxychlor

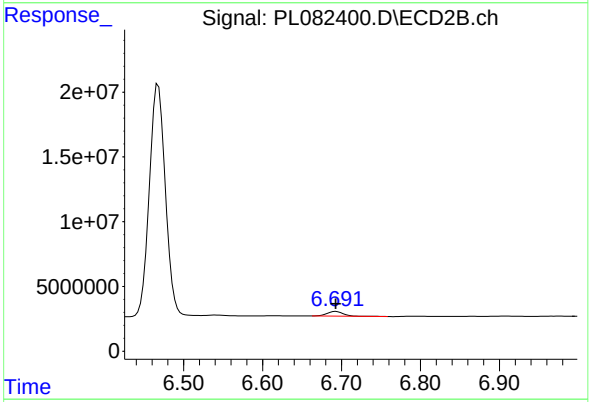
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 251287818
Conc: 207.36 ng/ml



#21 Endrin ketone

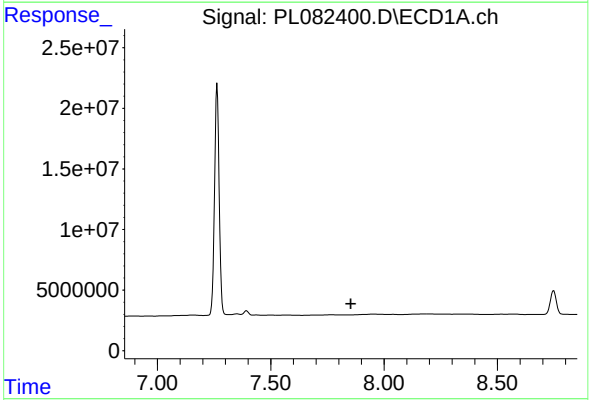
R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 3864731
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



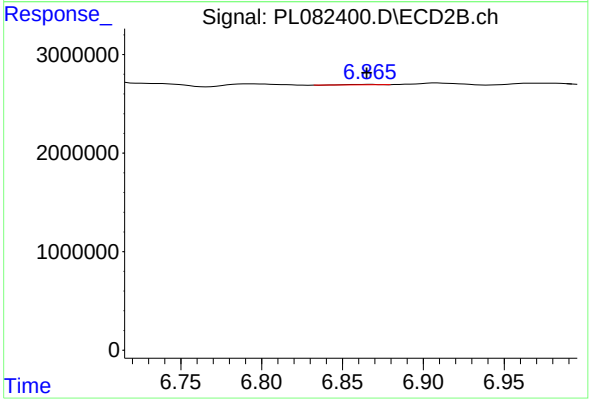
#21 Endrin ketone

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 5291166
Conc: 2.08 ng/ml



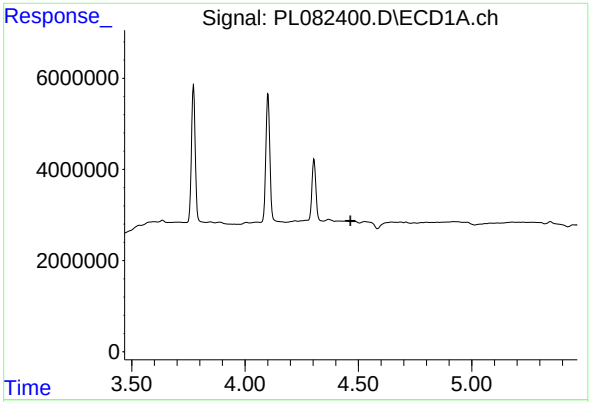
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.854 min
Response: 0
Conc: N.D.



#22 Mirex

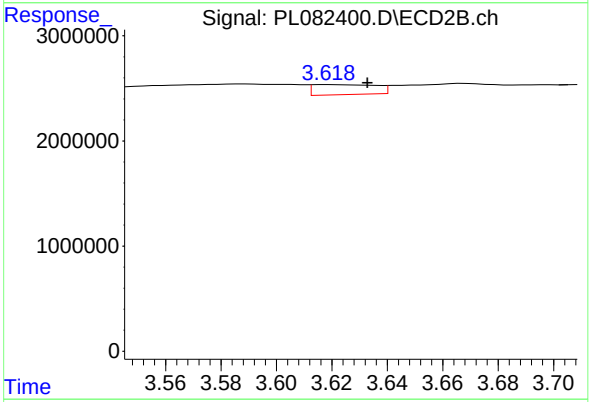
R.T.: 6.866 min
Delta R.T.: 0.001 min
Response: 62829
Conc: 0.03 ng/ml



#23 Chlordane-1

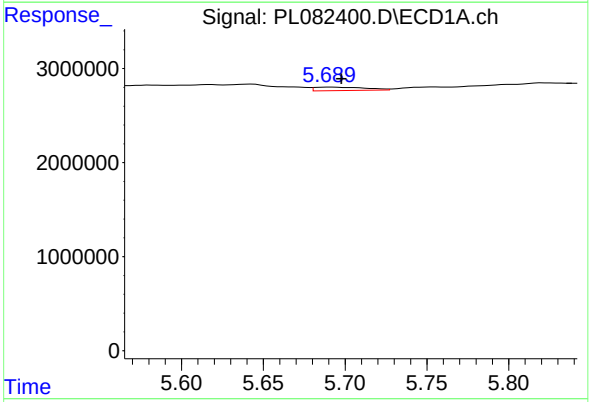
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



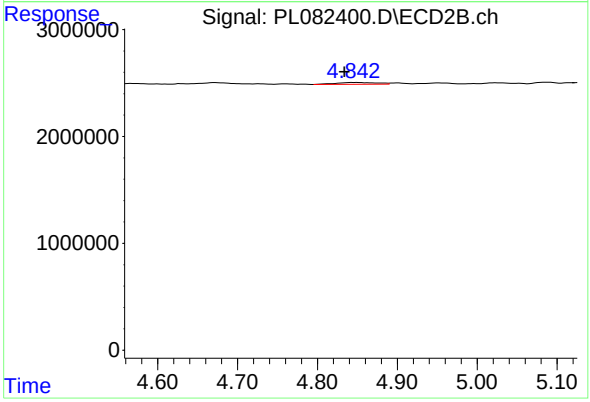
#23 Chlordane-1

R.T.: 3.619 min
Delta R.T.: -0.014 min
Response: 1510233
Conc: 17.03 ng/ml



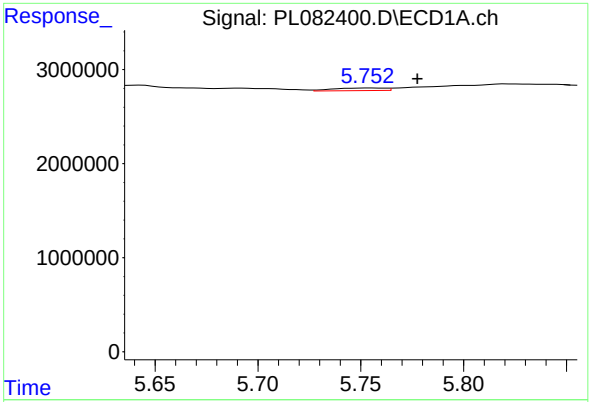
#25 Chlordane-3

R.T.: 5.690 min
Delta R.T.: -0.007 min
Response: 799776
Conc: 1.85 ng/ml



#25 Chlordane-3

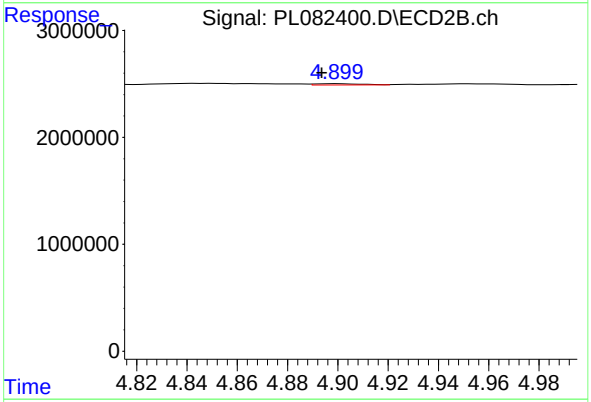
R.T.: 4.843 min
Delta R.T.: 0.009 min
Response: 589909
Conc: 2.08 ng/ml



#26 Chlordane-4

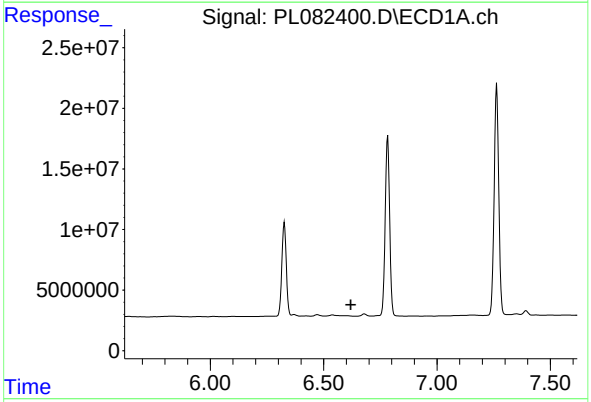
R.T.: 5.755 min
Delta R.T.: -0.023 min
Response: 489470
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



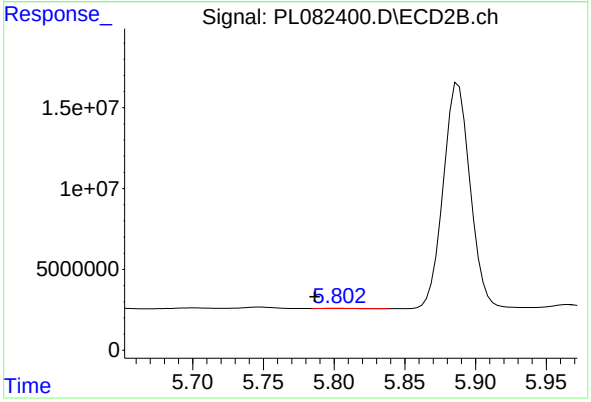
#26 Chlordane-4

R.T.: 4.900 min
Delta R.T.: 0.007 min
Response: 149608
Conc: 0.50 ng/ml



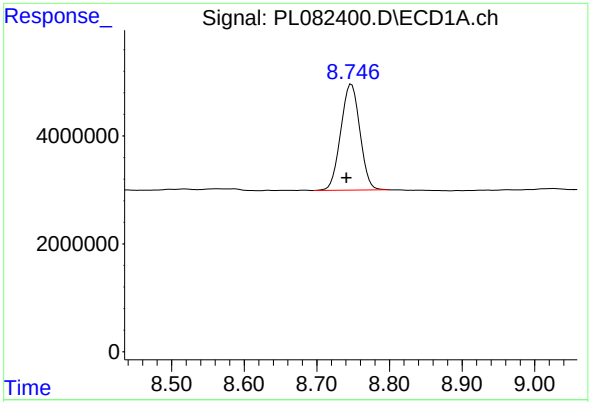
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#27 Chlordane-5

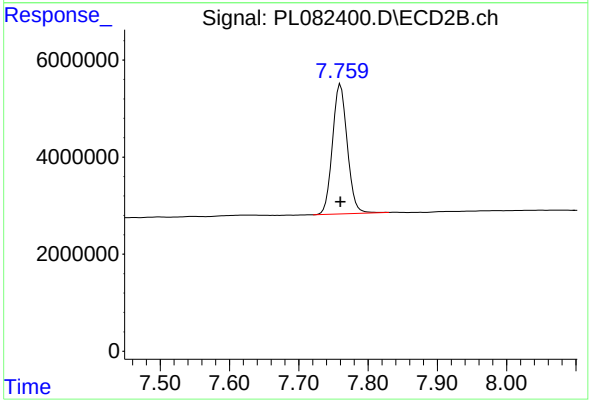
R.T.: 5.803 min
Delta R.T.: 0.017 min
Response: 217155
Conc: 2.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.007 min
Response: 36022195
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 39641090
Conc: 17.37 ng/ml