Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011623\
Data File : PL080334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2023 09:05
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: Jan 16 20:25:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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...	3.355	2.692	45025350	42590069	22.539	19.043	
28)	SA Decachlor...	8.792	7.843	33509088	42596692	22.712	18.950	
	Target Compounds							
2)	A alpha-BHC	3.802	3.193	30391683	27139780	10.523	8.472	
3)	MA gamma-BHC...	4.131	3.522	29464879	26424079	11.022	8.753	
4)	MA Heptachlor	4.714	0.000	63453	0	0.024	N.D.	#
5)	MB Aldrin	0.000	4.150	0	344639	N.D.	0.116	#
6)	B beta-BHC	4.327	3.818	14604124	13671115	12.356	10.158	
7)	B delta-BHC	0.000	4.046	0	104837	N.D.	0.036	#
8)	B Heptachlo...	5.473	4.652	81304	52948	0.037	0.019	#
9)	A Endosulfan I	5.860	5.017	264777	126032	0.131	0.048	#
10)	B gamma-Chl...	5.758f	4.907	147164	255164	0.067	0.089	#
11)	B alpha-Chl...	5.809	4.954	89417	52724	0.041	0.018	#
12)	B 4,4'-DDE	5.992	5.154	466013	349187	0.240	0.149	#
13)	MA Dieldrin	0.000	5.282	0	39666	N.D.	0.015	#
14)	MA Endrin	6.362	5.555	93646972	101.7E6	51.056	42.726	
15)	B Endosulfa...	6.566	5.872f	750917	923710	0.389	0.381	
16)	A 4,4'-DDD	6.504	5.708	5573513	4833803	3.522	2.608	#
17)	MA 4,4'-DDT	6.817	5.959	184.6E6	203.3E6	104.699	96.470	
18)	B Endrin al...	6.710	6.031	2753952	4165576	1.909	2.288	
19)	B Endosulfa...	6.924	6.245	595838	311139	0.342	0.134	#
20)	A Methoxychlor	7.295	6.538	236.2E6	263.3E6	265.096	219.049	
21)	B Endrin ke...	7.424	6.756	6424153	8378912	3.448	3.328	
23)	Chlordane-1	0.000	3.682	0	14060	N.D.	0.172	#
24)	Chlordane-2	0.000	4.271	0	6132	N.D.	0.059	#
25)	Chlordane-3	5.758f	4.907	147164	255164	0.453	0.894	#
26)	Chlordane-4	5.809	4.954	89417	52724	0.224	0.184	
27)	Chlordane-5	0.000	5.633	0	106250	N.D.	1.329	#

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

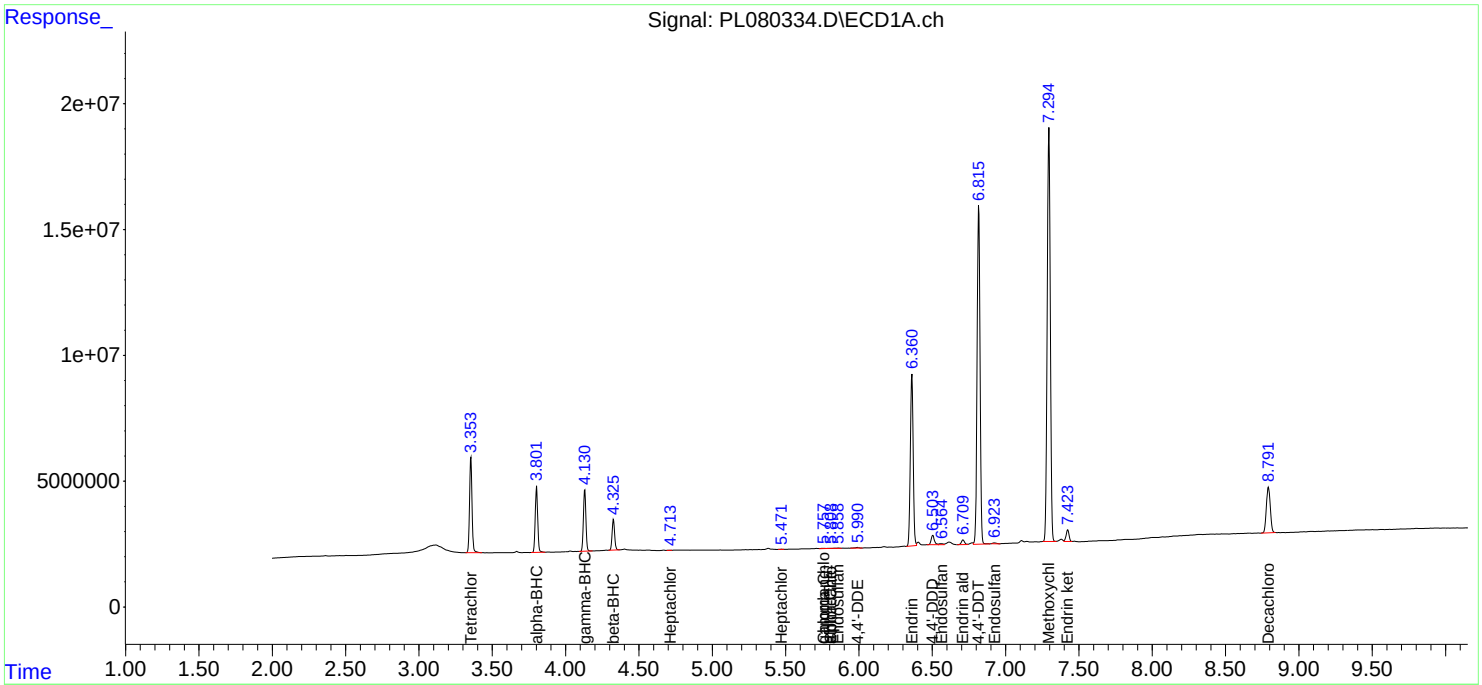
Quantitation Report (Not Reviewed)

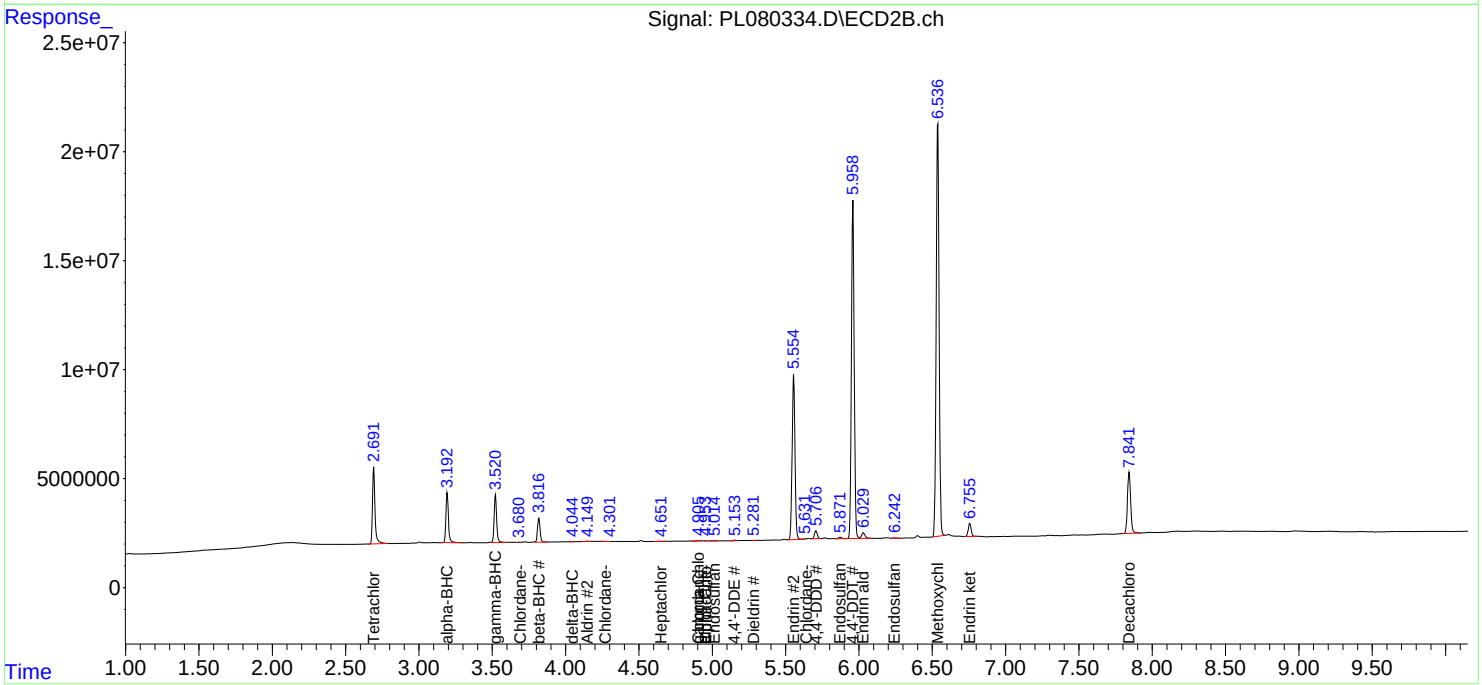
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011623\
Data File : PL080334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2023 09:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

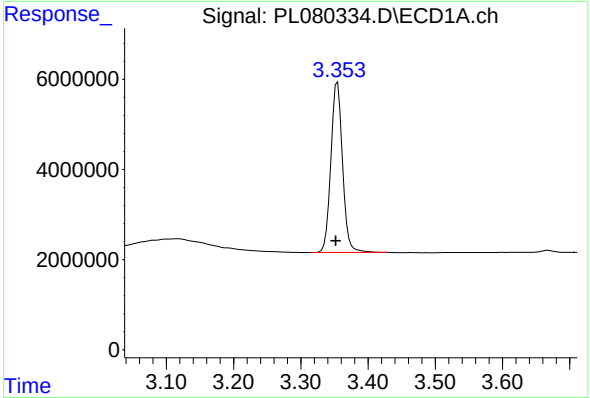
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 16 20:25:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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



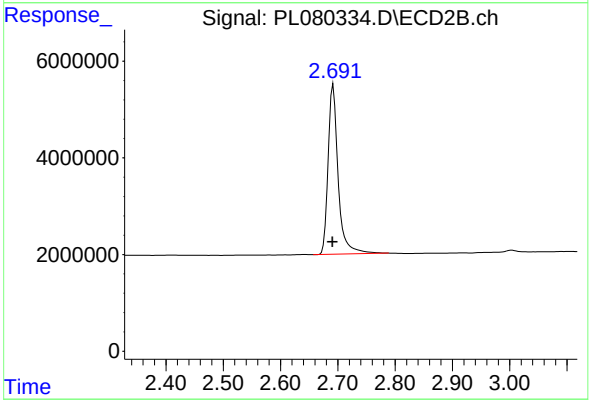




#1 Tetrachloro-m-xylene

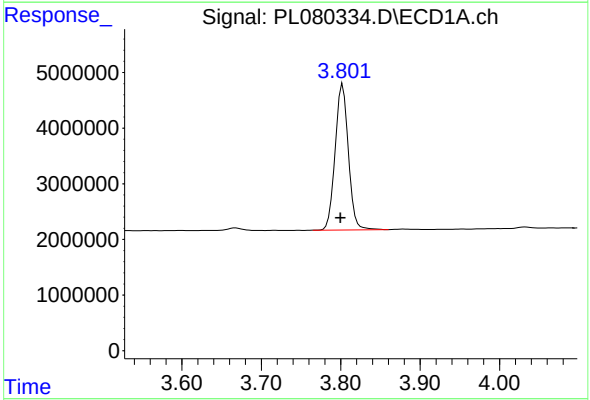
R.T.: 3.355 min
Delta R.T.: 0.003 min
Response: 45025350
Conc: 22.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



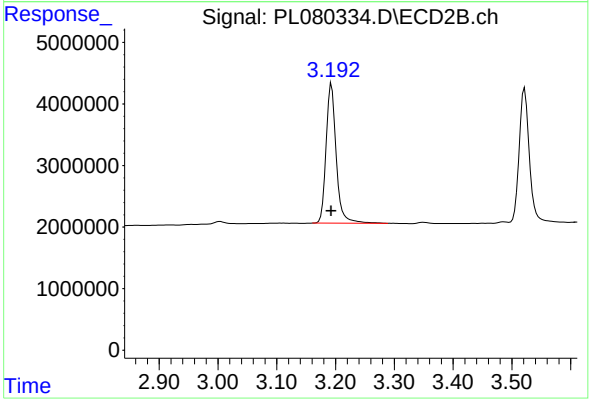
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.001 min
Response: 42590069
Conc: 19.04 ng/ml



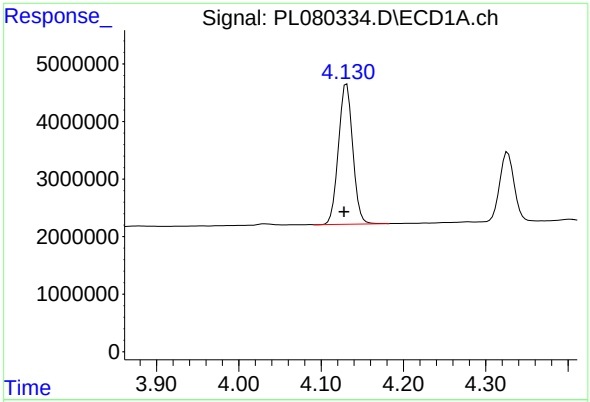
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.003 min
Response: 30391683
Conc: 10.52 ng/ml



#2 alpha-BHC

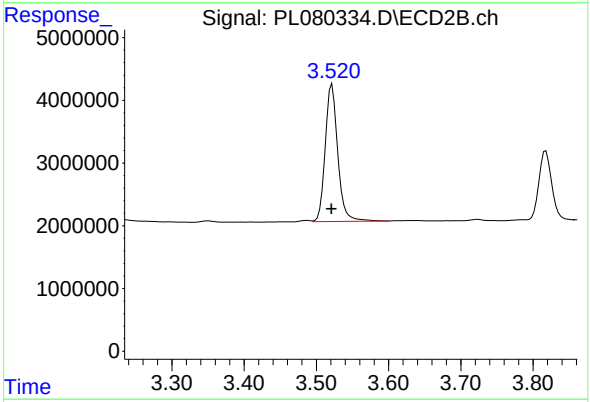
R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 27139780
Conc: 8.47 ng/ml



#3 gamma-BHC (Lindane)

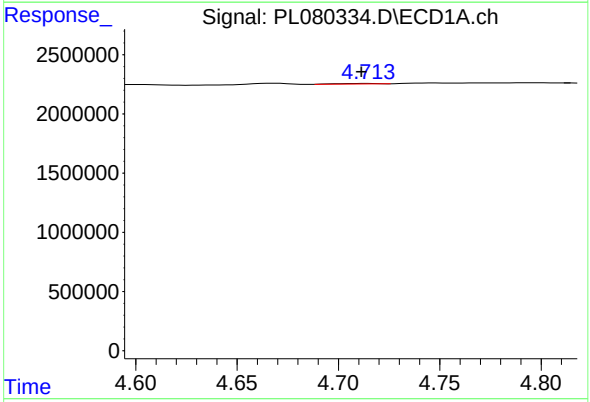
R.T.: 4.131 min
Delta R.T.: 0.003 min
Response: 29464879
Conc: 11.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



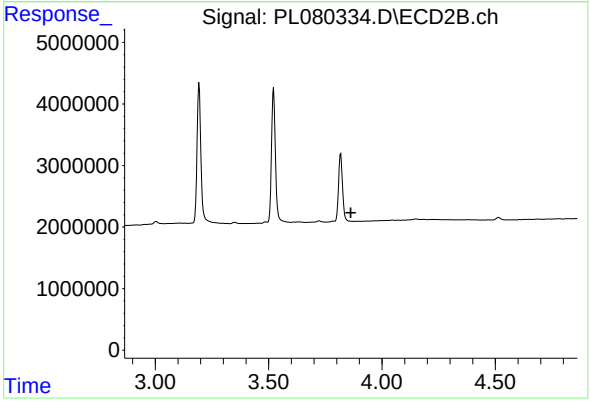
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 26424079
Conc: 8.75 ng/ml



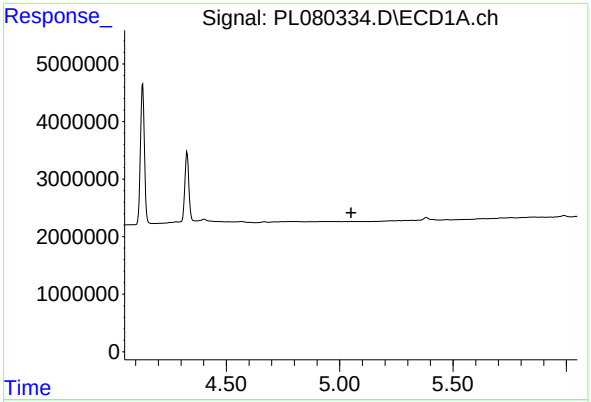
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.003 min
Response: 63453
Conc: 0.02 ng/ml



#4 Heptachlor

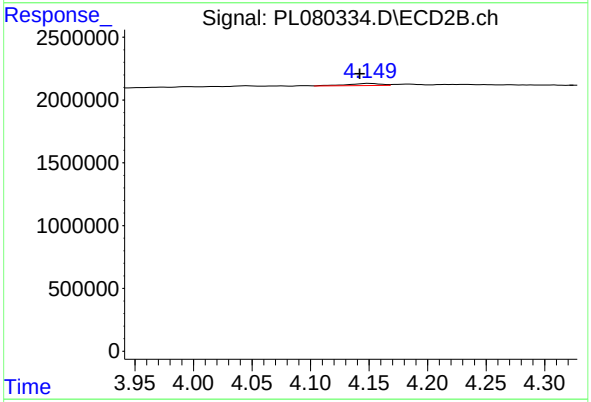
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#5 Aldrin

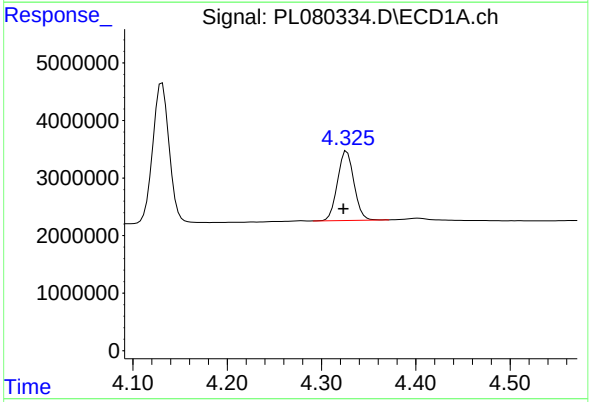
R.T.: 0.000 min
Exp R.T. : 5.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



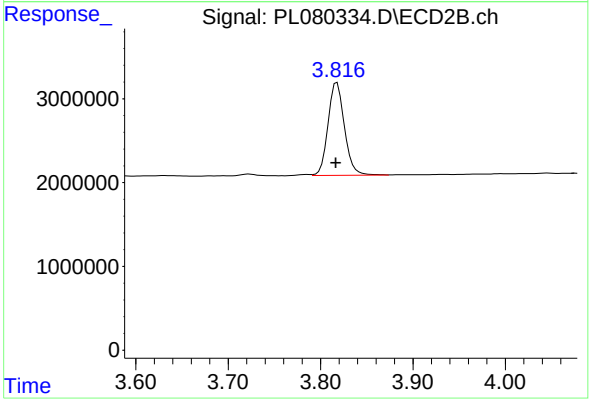
#5 Aldrin

R.T.: 4.150 min
Delta R.T.: 0.008 min
Response: 344639
Conc: 0.12 ng/ml



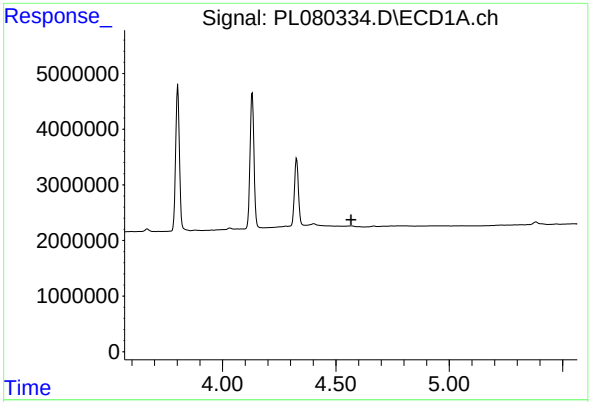
#6 beta-BHC

R.T.: 4.327 min
Delta R.T.: 0.003 min
Response: 14604124
Conc: 12.36 ng/ml



#6 beta-BHC

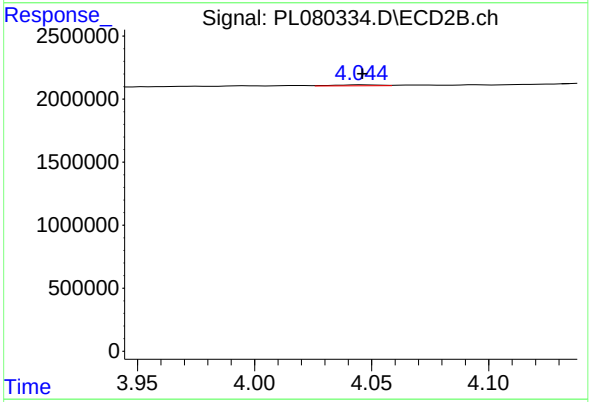
R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 13671115
Conc: 10.16 ng/ml



#7 delta-BHC

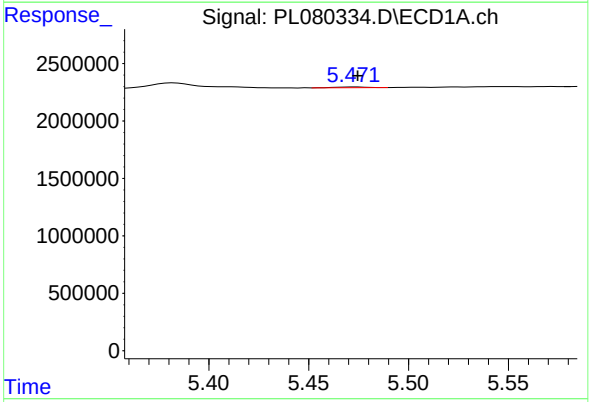
R.T.: 0.000 min
Exp R.T. : 4.567 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



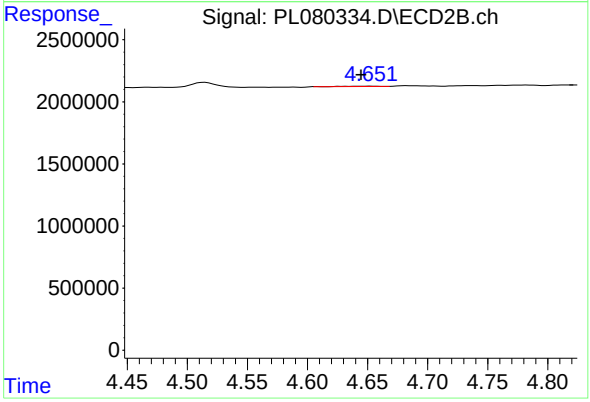
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 104837
Conc: 0.04 ng/ml



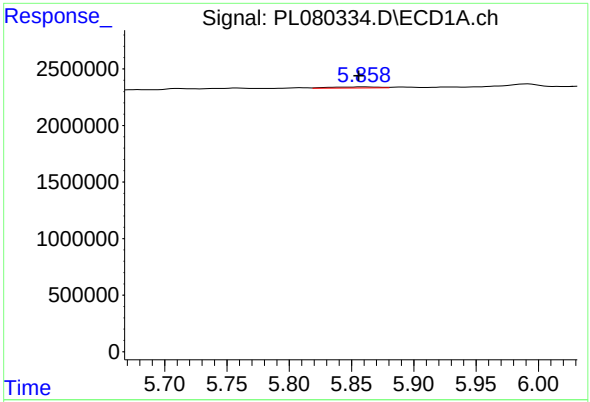
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 81304
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

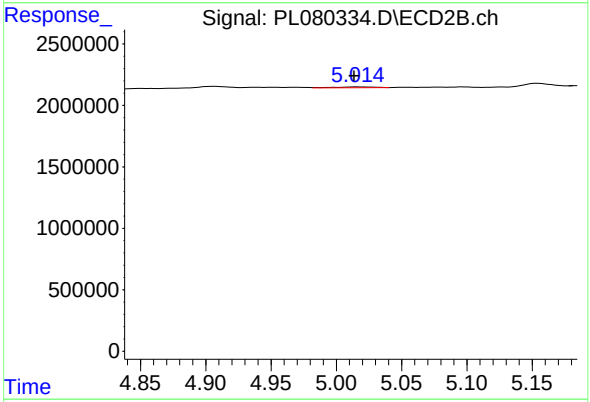
R.T.: 4.652 min
Delta R.T.: 0.007 min
Response: 52948
Conc: 0.02 ng/ml



#9 Endosulfan I

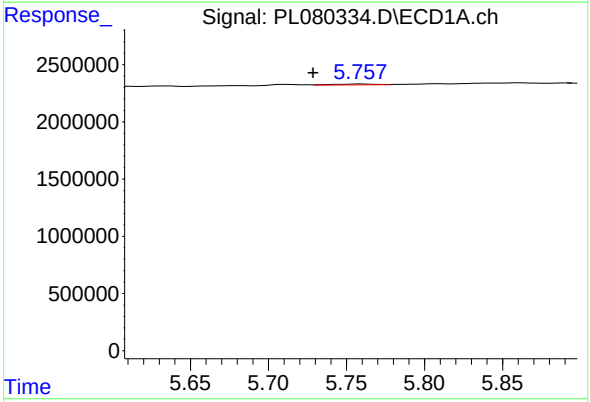
R.T.: 5.860 min
Delta R.T.: 0.004 min
Response: 264777
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



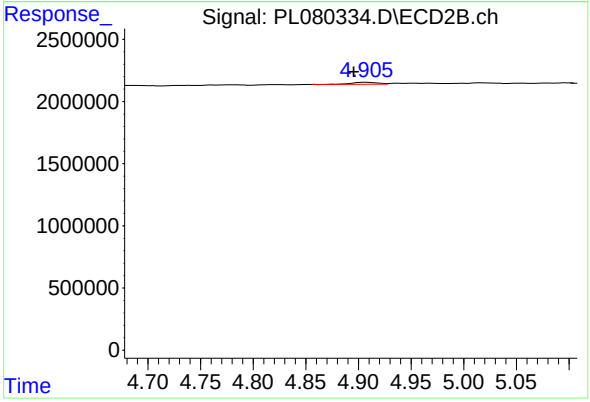
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 126032
Conc: 0.05 ng/ml



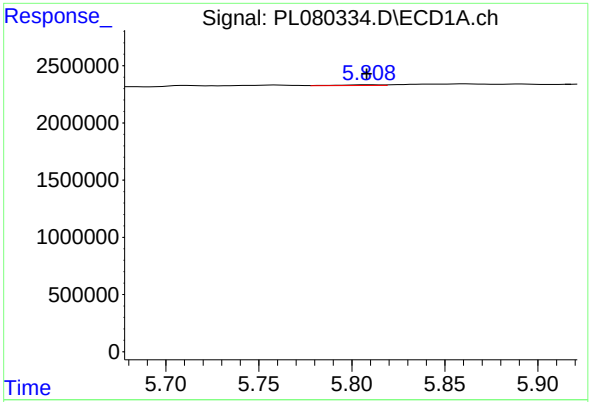
#10 gamma-Chlordane

R.T.: 5.758 min
Delta R.T.: 0.030 min
Response: 147164
Conc: 0.07 ng/ml



#10 gamma-Chlordane

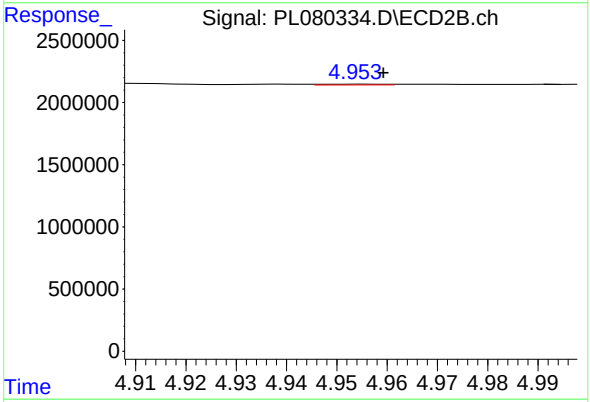
R.T.: 4.907 min
Delta R.T.: 0.011 min
Response: 255164
Conc: 0.09 ng/ml



#11 alpha-Chlordane

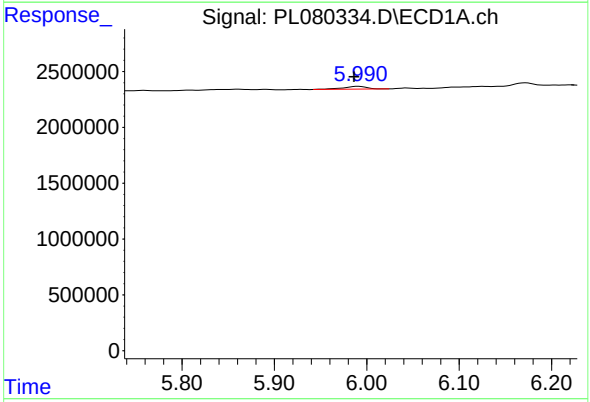
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 89417
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



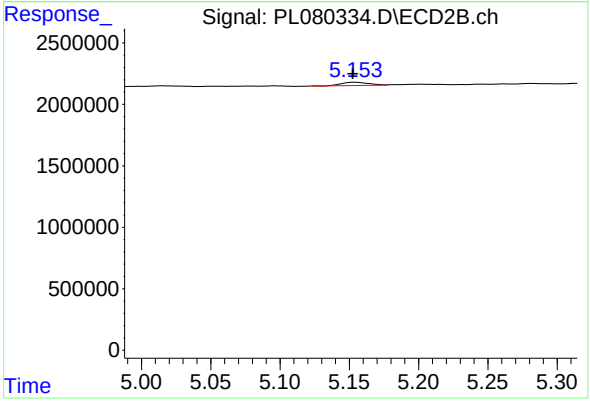
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 52724
Conc: 0.02 ng/ml



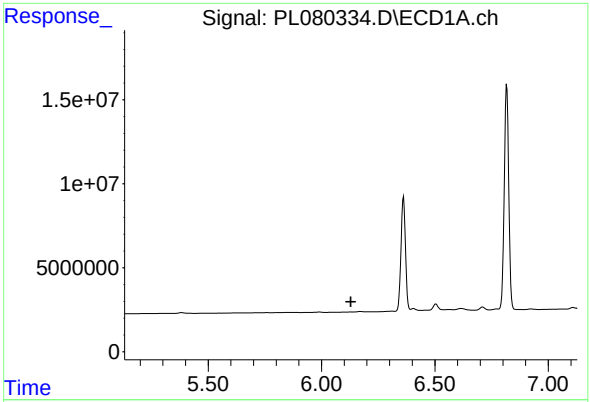
#12 4,4'-DDE

R.T.: 5.992 min
Delta R.T.: 0.005 min
Response: 466013
Conc: 0.24 ng/ml



#12 4,4'-DDE

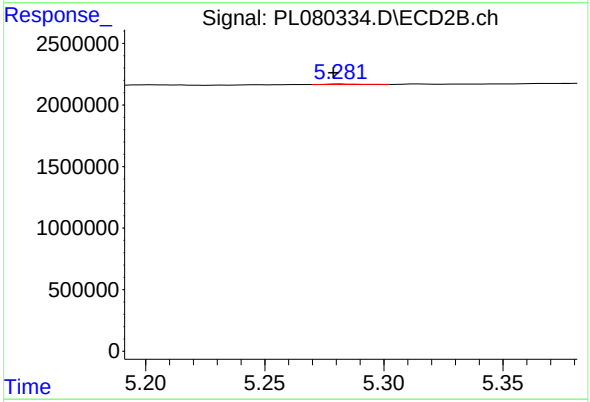
R.T.: 5.154 min
Delta R.T.: 0.002 min
Response: 349187
Conc: 0.15 ng/ml



#13 Dieldrin

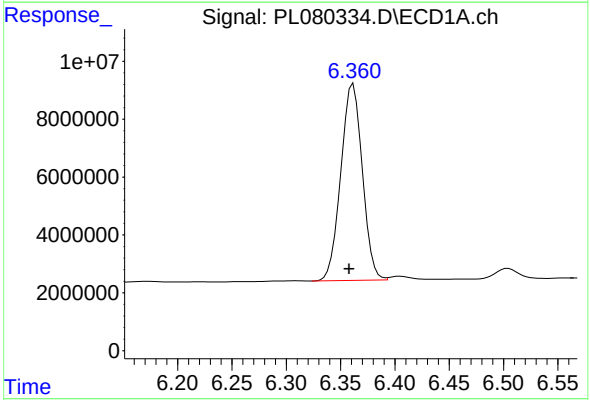
R.T.: 0.000 min
Exp R.T. : 6.130 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



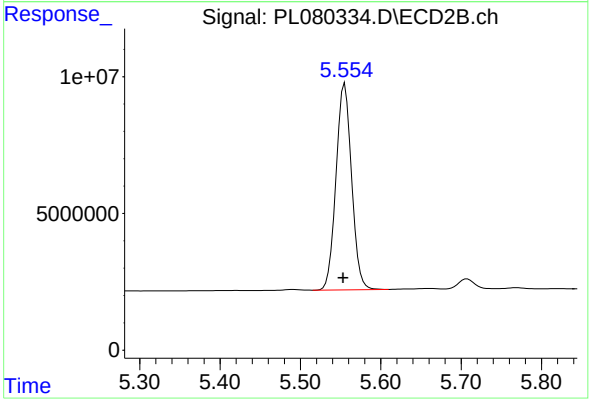
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: 0.003 min
Response: 39666
Conc: 0.01 ng/ml



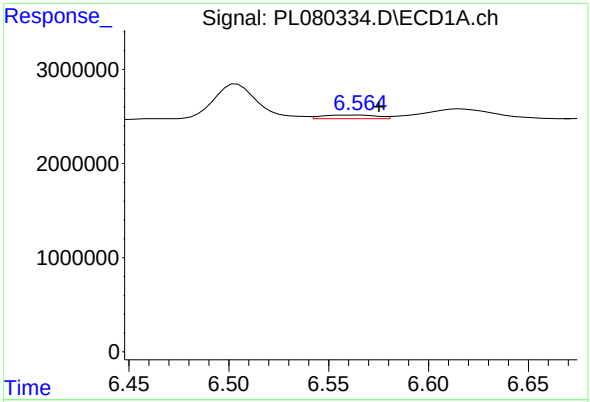
#14 Endrin

R.T.: 6.362 min
Delta R.T.: 0.004 min
Response: 93646972
Conc: 51.06 ng/ml



#14 Endrin

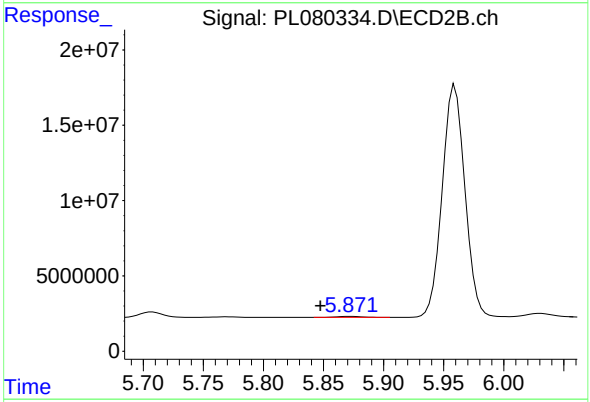
R.T.: 5.555 min
Delta R.T.: 0.002 min
Response: 101656555
Conc: 42.73 ng/ml



#15 Endosulfan II

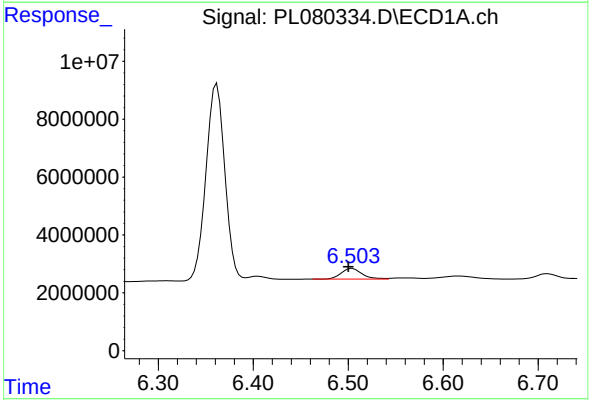
R.T.: 6.566 min
Delta R.T.: -0.010 min
Response: 750917
Conc: 0.39 ng/ml

Instrument :
ECD_L
ClientSampleId :



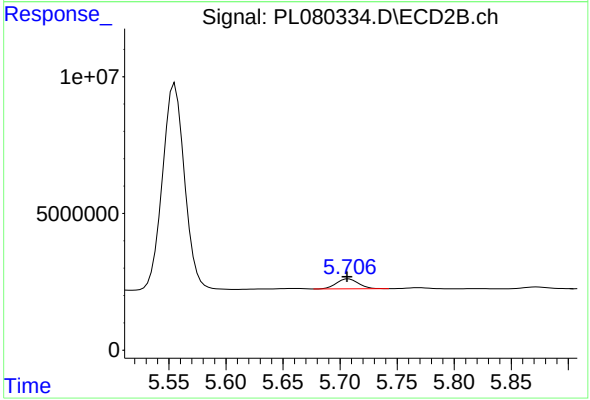
#15 Endosulfan II

R.T.: 5.872 min
Delta R.T.: 0.025 min
Response: 923710
Conc: 0.38 ng/ml



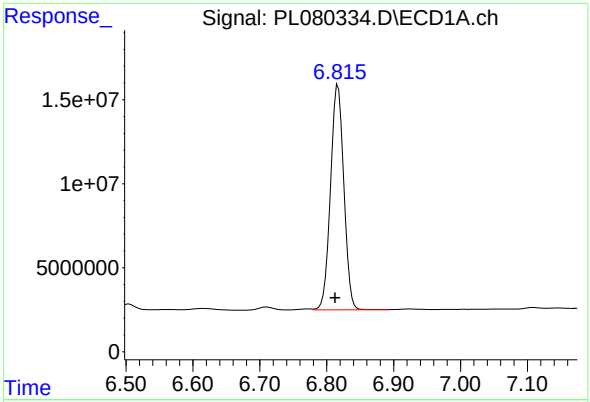
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.004 min
Response: 5573513
Conc: 3.52 ng/ml



#16 4,4'-DDD

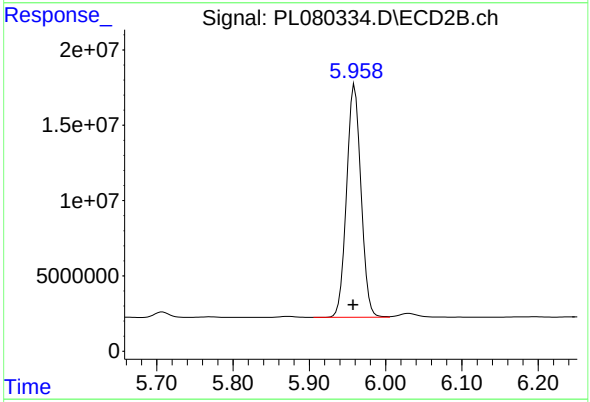
R.T.: 5.708 min
Delta R.T.: 0.002 min
Response: 4833803
Conc: 2.61 ng/ml



#17 4,4'-DDT

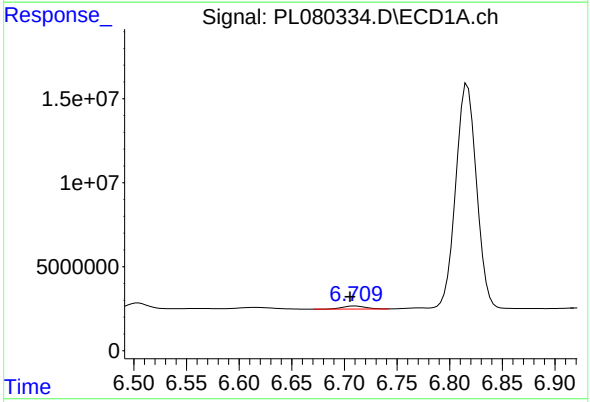
R.T.: 6.817 min
Delta R.T.: 0.004 min
Response: 184644975
Conc: 104.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



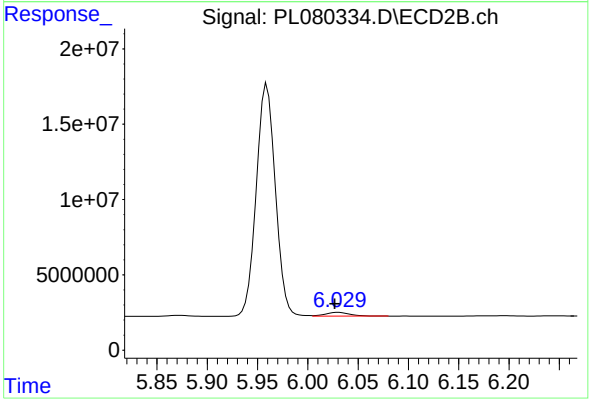
#17 4,4'-DDT

R.T.: 5.959 min
Delta R.T.: 0.002 min
Response: 203286863
Conc: 96.47 ng/ml



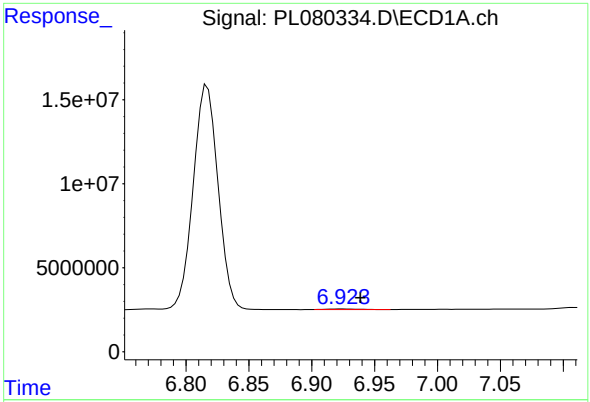
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.005 min
Response: 2753952
Conc: 1.91 ng/ml



#18 Endrin aldehyde

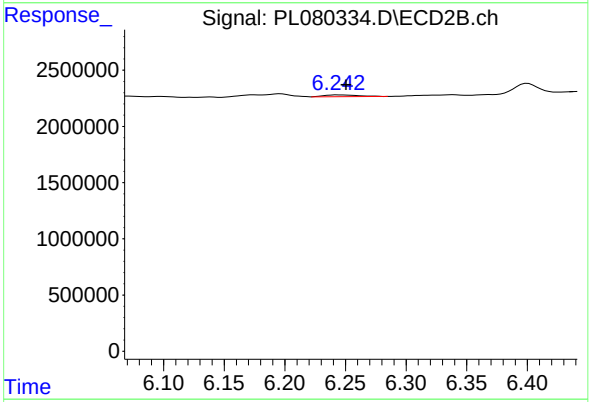
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 4165576
Conc: 2.29 ng/ml



#19 Endosulfan Sulfate

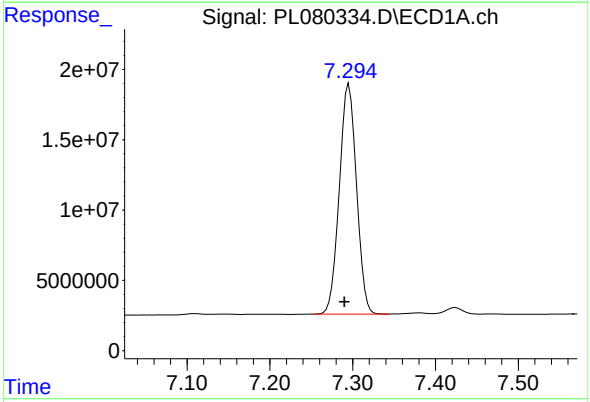
R.T.: 6.924 min
Delta R.T.: -0.015 min
Response: 595838
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



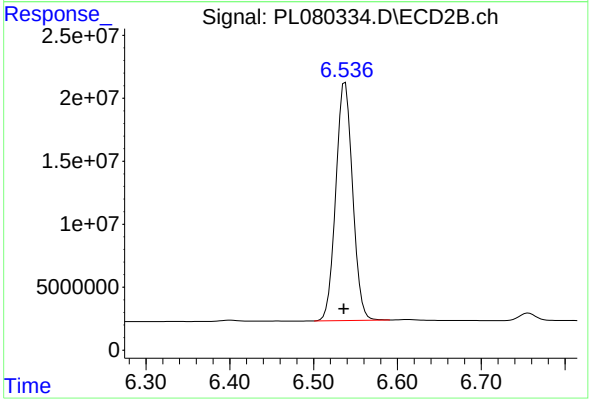
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.005 min
Response: 311139
Conc: 0.13 ng/ml



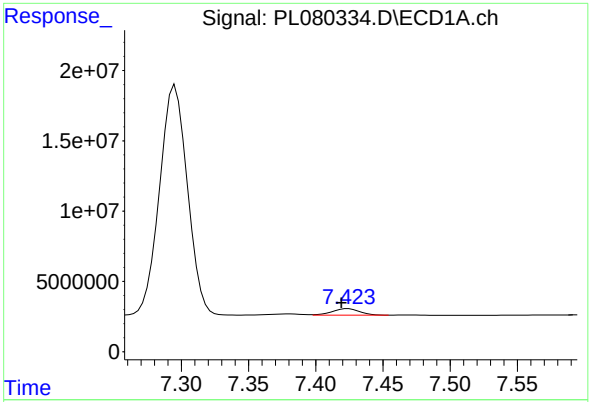
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.005 min
Response: 236188667
Conc: 265.10 ng/ml



#20 Methoxychlor

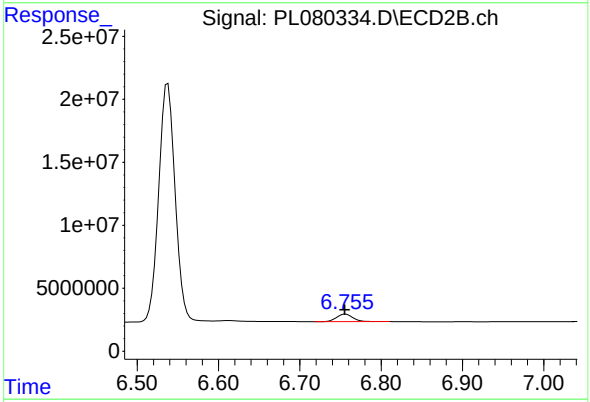
R.T.: 6.538 min
Delta R.T.: 0.002 min
Response: 263297764
Conc: 219.05 ng/ml



#21 Endrin ketone

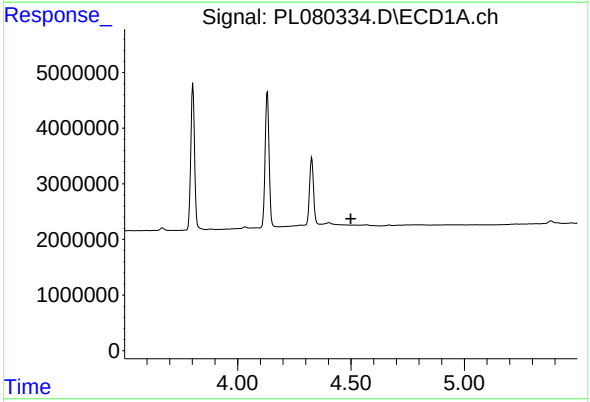
R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 6424153
Conc: 3.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



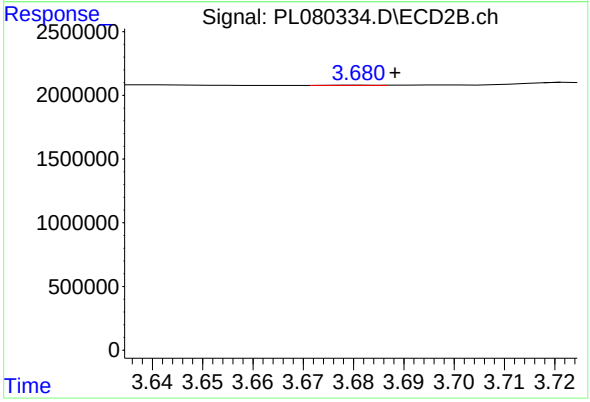
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: 0.001 min
Response: 8378912
Conc: 3.33 ng/ml



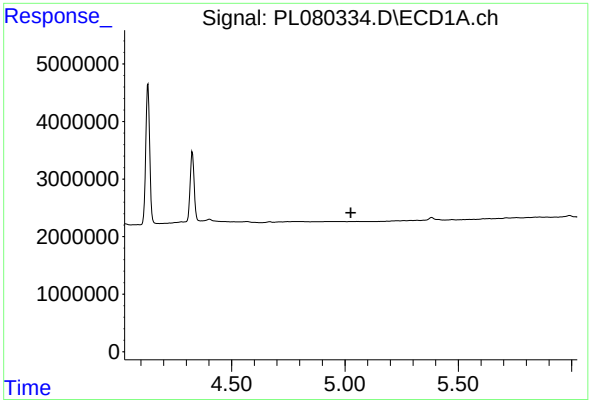
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.499 min
Response: 0
Conc: N.D.



#23 Chlordane-1

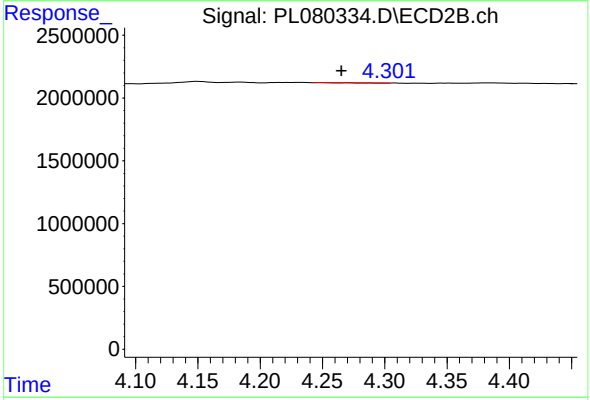
R.T.: 3.682 min
Delta R.T.: -0.007 min
Response: 14060
Conc: 0.17 ng/ml



#24 Chlordane-2

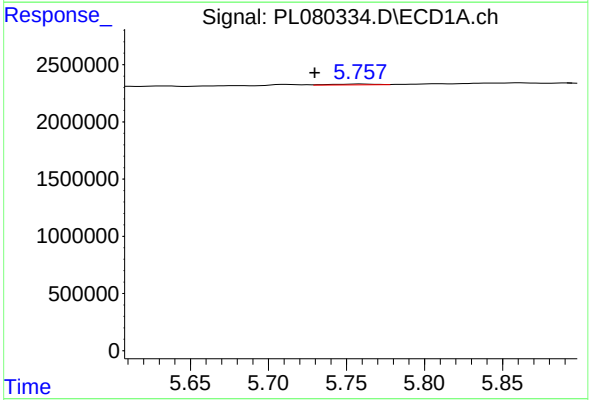
R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



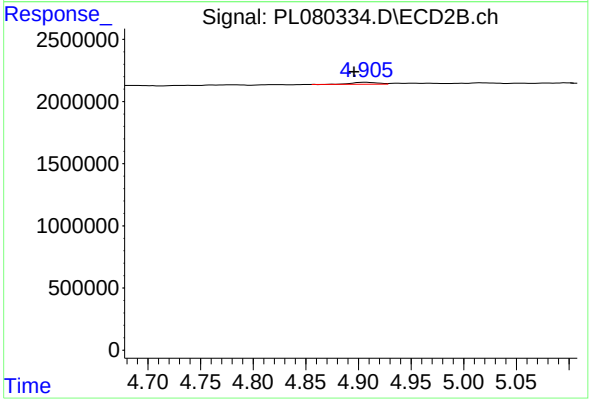
#24 Chlordane-2

R.T.: 4.271 min
Delta R.T.: 0.006 min
Response: 6132
Conc: 0.06 ng/ml



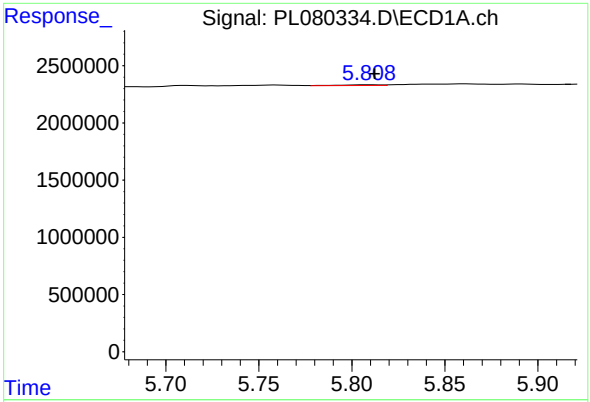
#25 Chlordane-3

R.T.: 5.758 min
Delta R.T.: 0.029 min
Response: 147164
Conc: 0.45 ng/ml



#25 Chlordane-3

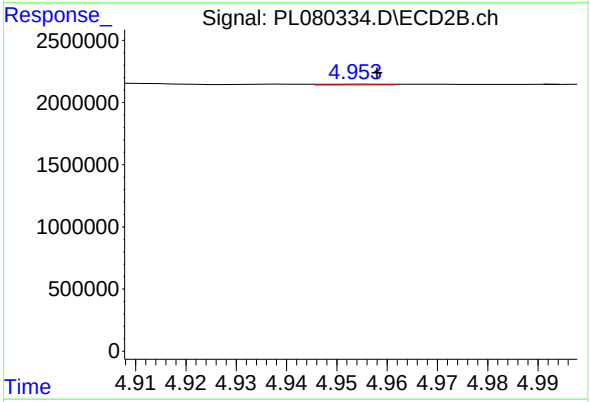
R.T.: 4.907 min
Delta R.T.: 0.011 min
Response: 255164
Conc: 0.89 ng/ml



#26 Chlordane-4

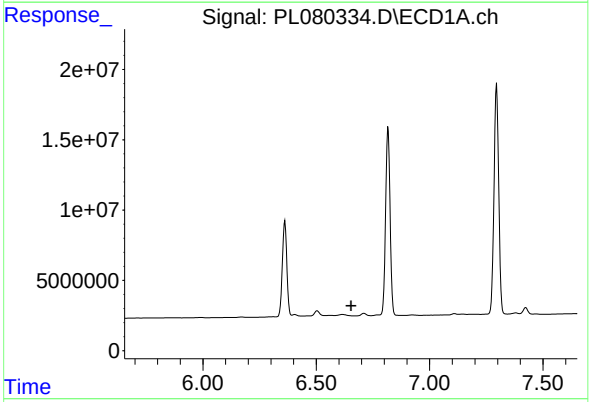
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 89417
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



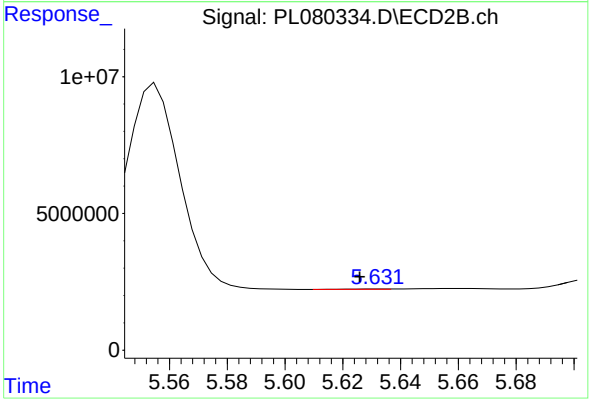
#26 Chlordane-4

R.T.: 4.954 min
Delta R.T.: -0.004 min
Response: 52724
Conc: 0.18 ng/ml



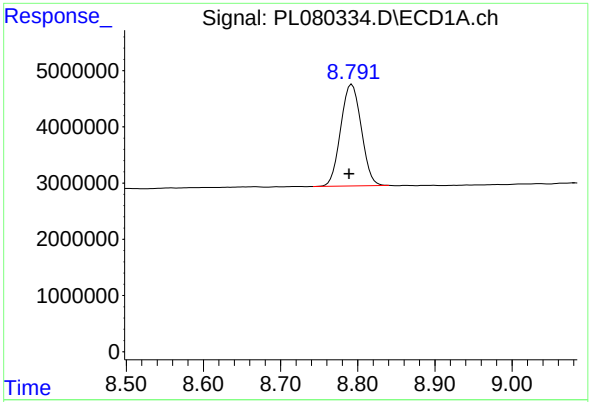
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.654 min
Response: 0
Conc: N.D.



#27 Chlordane-5

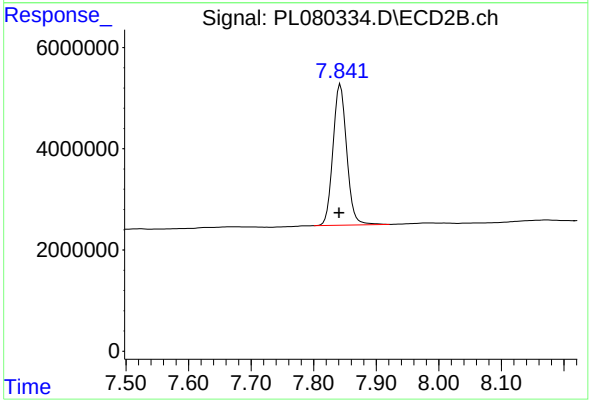
R.T.: 5.633 min
Delta R.T.: 0.007 min
Response: 106250
Conc: 1.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: 0.004 min
Response: 33509088
Conc: 22.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.843 min
Delta R.T.: 0.002 min
Response: 42596692
Conc: 18.95 ng/ml