Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
Data File : PL081043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 17:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:07:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 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...	3.351	2.687	43662419	43615906	18.731	18.954	
28)	SA Decachlor...	8.788	7.832	39200122	46452592	20.050	19.829	
	Target Compounds							
2)	A alpha-BHC	3.799	3.187	30104636	28886473	8.542	8.625	
3)	MA gamma-BHC...	4.127	3.515	29361691	27905809	8.915	8.884	
4)	MA Heptachlor	4.693f	3.880f	26502	78854	0.008	0.024	#
5)	MB Aldrin	0.000	4.141	0	893451	N.D.	0.291	#
6)	B beta-BHC	4.324	3.812	15575433	13178118	10.422	9.795	
7)	B delta-BHC	4.566	4.055	831017	212804	0.259	0.070	#
8)	B Heptachlo...	5.474	4.636	1754723	7233	0.630	0.003	#
9)	A Endosulfan I	5.849	4.997	1639744	352250	0.632	0.132	#
10)	B gamma-Chl...	5.726	4.896	1175158	173449	0.421	0.060	#
11)	B alpha-Chl...	5.800	4.940	131876	695711	0.048	0.238	#
12)	B 4,4'-DDE	0.000	5.147	0	485975	N.D.	0.204	#
13)	MA Dieldrin	0.000	5.270	0	1220818	N.D.	0.443	#
14)	MA Endrin	6.358	5.546	101.7E6	110.0E6	42.956	44.482	
15)	B Endosulfa...	6.566	5.862f	3485081	-1928802	1.570	N.D.	#
16)	A 4,4'-DDD	6.501	5.699	1481397	961169	0.732	0.505	#
17)	MA 4,4'-DDT	6.814	5.949	206.9E6	212.3E6	91.591	97.935	
18)	B Endrin al...	6.705	6.021	1972716	4555669	1.085	2.469	#
19)	B Endosulfa...	0.000	6.236	0	378373	N.D.	0.160	#
20)	A Methoxychlor	7.292	6.527	273.2E6	273.7E6	222.635	228.001	
21)	B Endrin ke...	7.419	6.747	3882019	5331155	1.630	2.036	
23)	Chlordane-1	0.000	3.654f	0	25465	N.D.	0.312	#
24)	Chlordane-2	0.000	4.251	0	283882	N.D.	3.123	#
25)	Chlordane-3	5.726	4.896	1175158	173449	3.092	0.660	#
26)	Chlordane-4	5.800	4.940	131876	695711	0.285	2.593	#

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

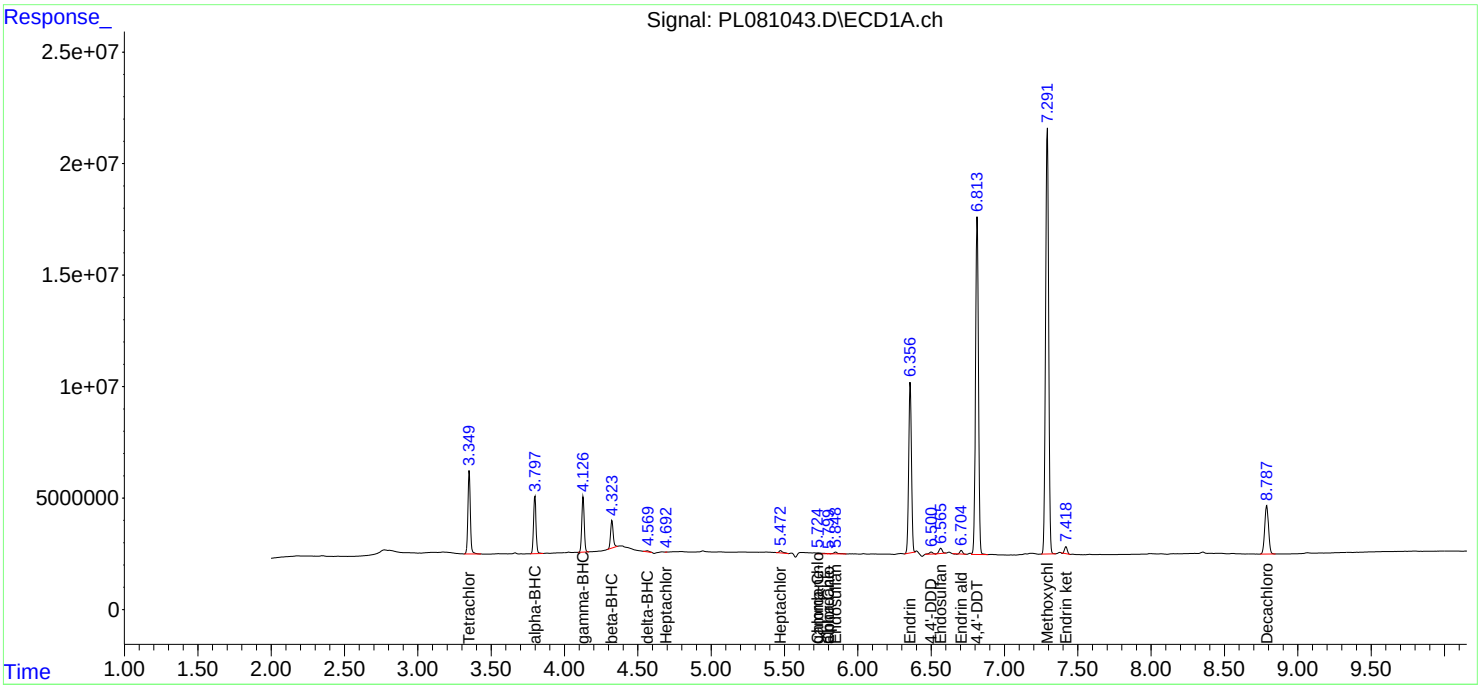
Quantitation Report (Not Reviewed)

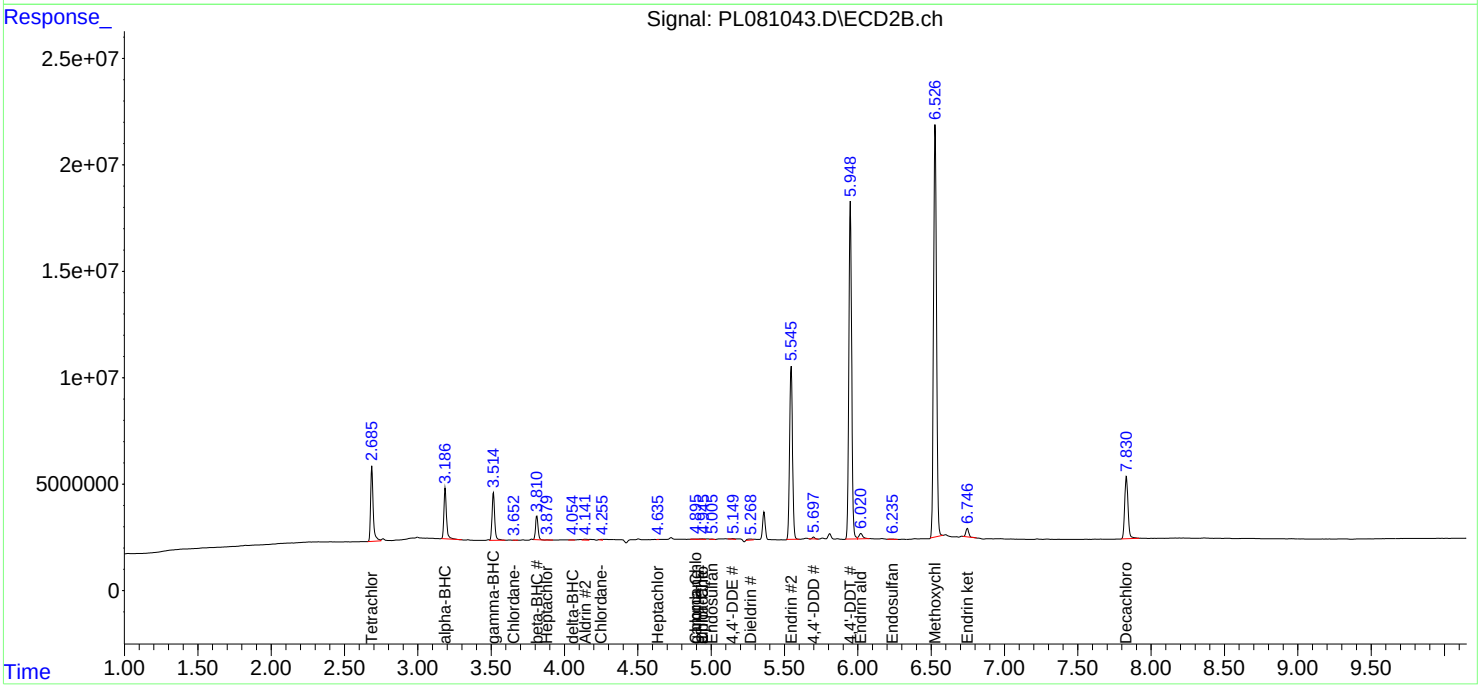
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
Data File : PL081043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 17:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

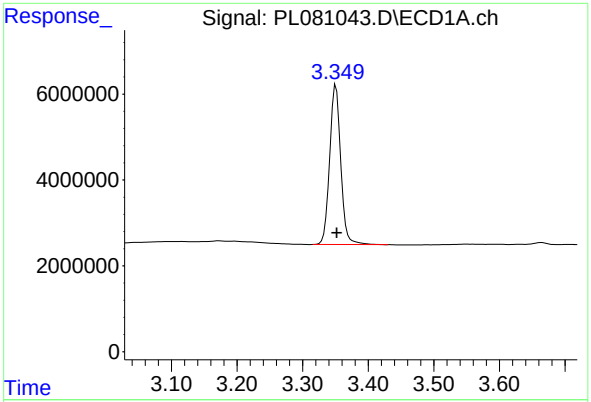
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:07:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 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



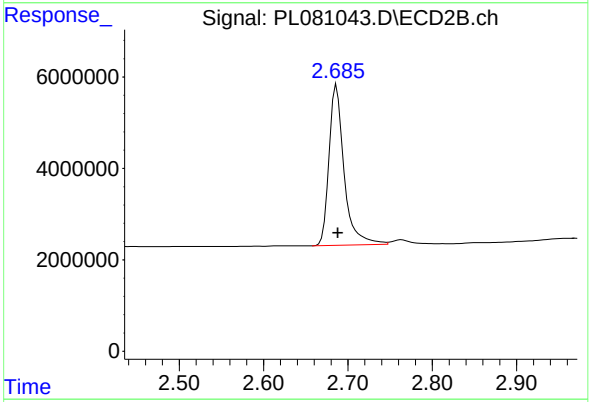




#1 Tetrachloro-m-xylene

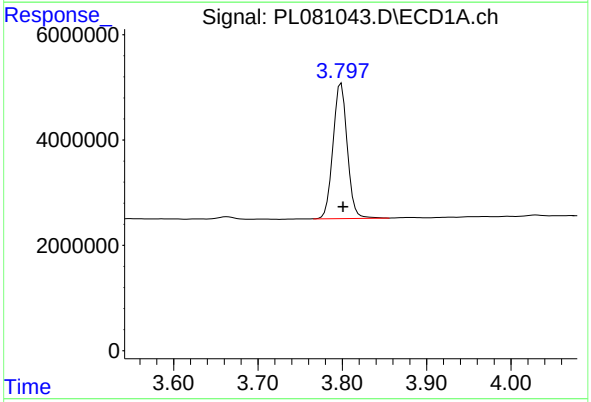
R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 43662419
Conc: 18.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



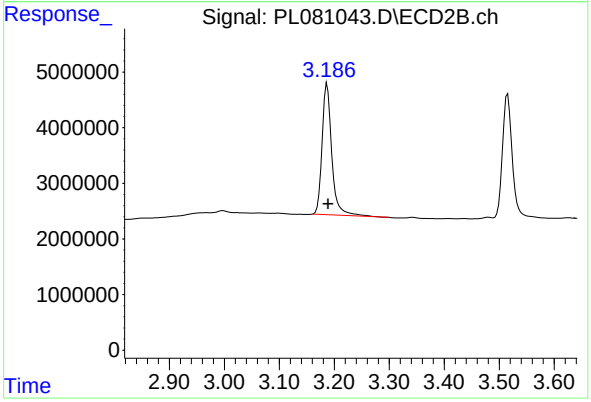
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 43615906
Conc: 18.95 ng/ml



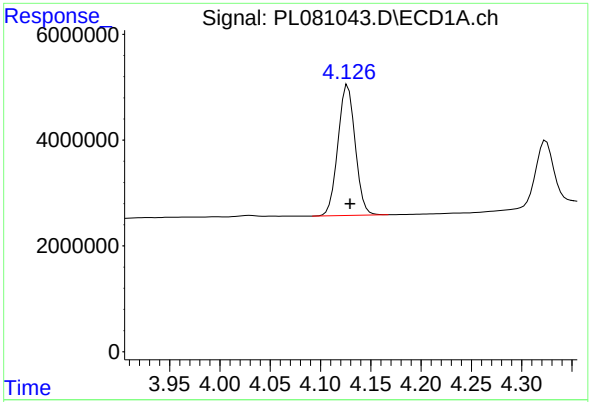
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 30104636
Conc: 8.54 ng/ml



#2 alpha-BHC

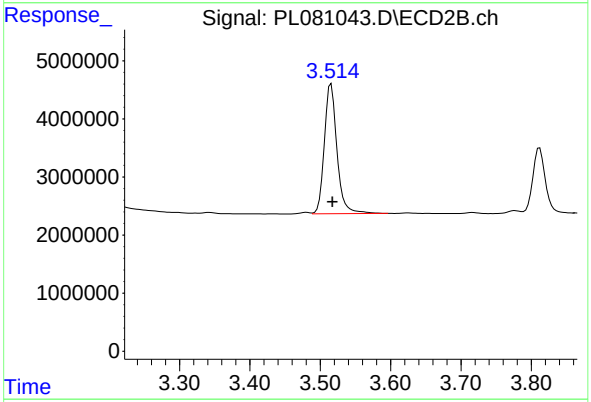
R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 28886473
Conc: 8.63 ng/ml



#3 gamma-BHC (Lindane)

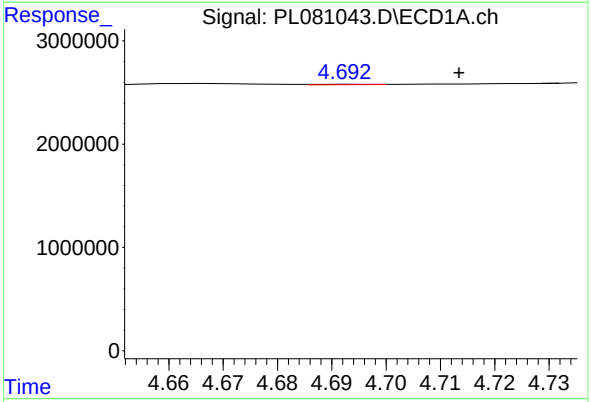
R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 29361691
Conc: 8.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



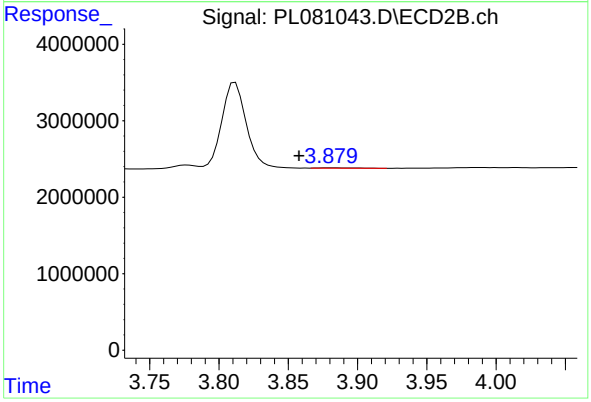
#3 gamma-BHC (Lindane)

R.T.: 3.515 min
Delta R.T.: -0.002 min
Response: 27905809
Conc: 8.88 ng/ml



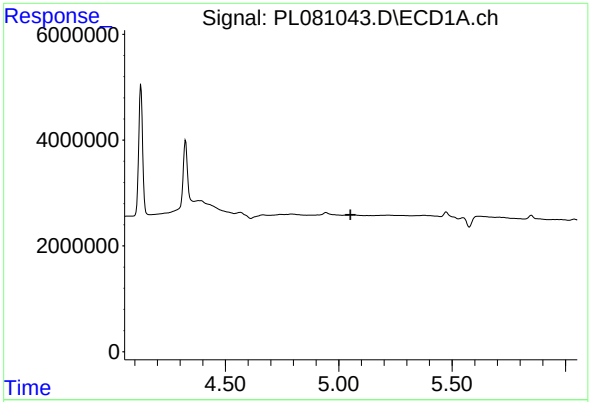
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: -0.020 min
Response: 26502
Conc: 0.01 ng/ml



#4 Heptachlor

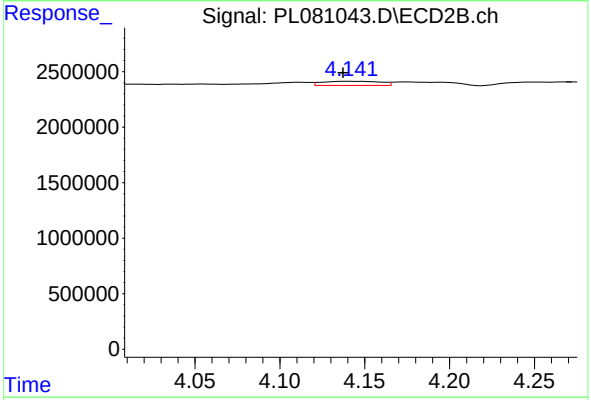
R.T.: 3.880 min
Delta R.T.: 0.023 min
Response: 78854
Conc: 0.02 ng/ml



#5 Aldrin

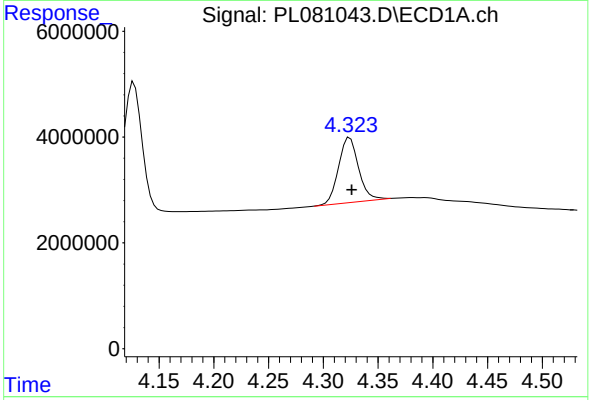
R.T.: 0.000 min
Exp R.T. : 5.052 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



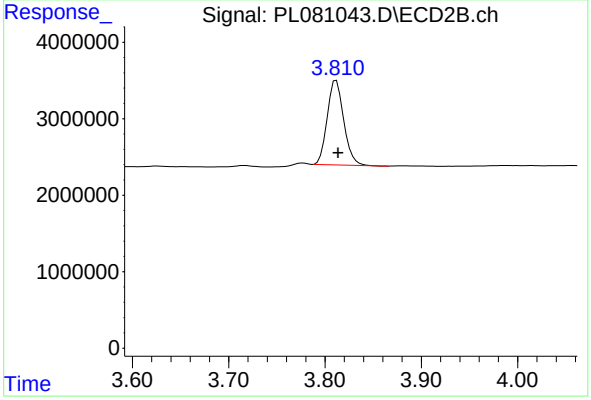
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.004 min
Response: 893451
Conc: 0.29 ng/ml



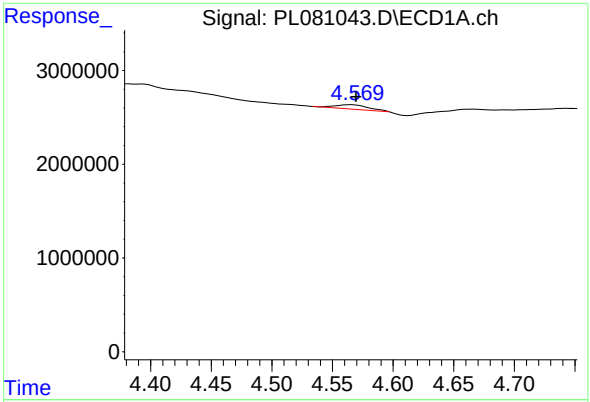
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 15575433
Conc: 10.42 ng/ml



#6 beta-BHC

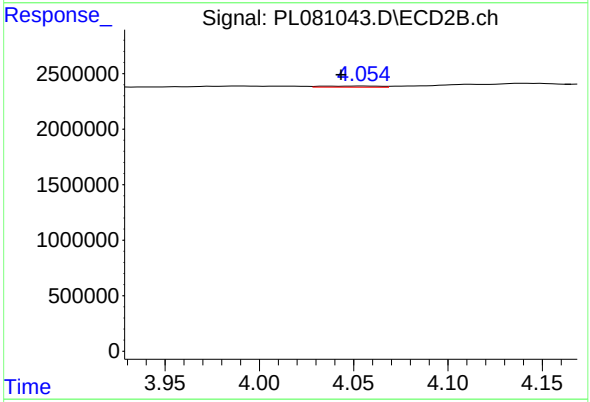
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 13178118
Conc: 9.79 ng/ml



#7 delta-BHC

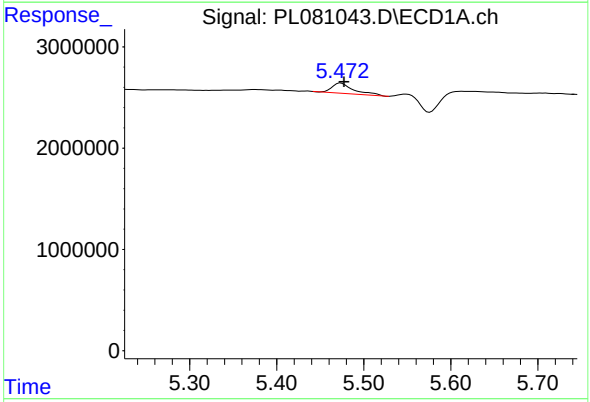
R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 831017
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



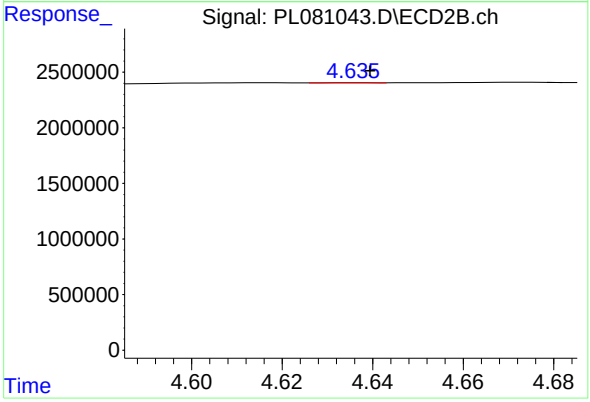
#7 delta-BHC

R.T.: 4.055 min
Delta R.T.: 0.012 min
Response: 212804
Conc: 0.07 ng/ml



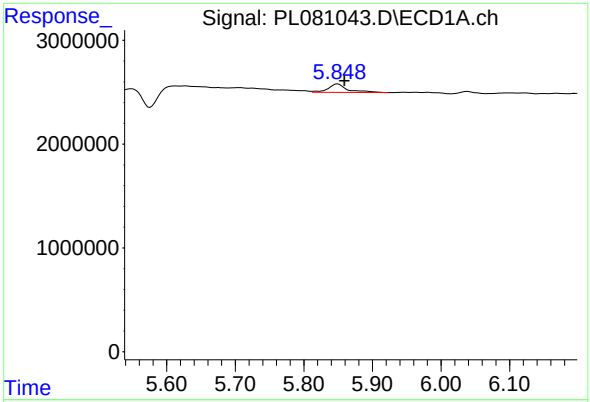
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 1754723
Conc: 0.63 ng/ml



#8 Heptachlor epoxide

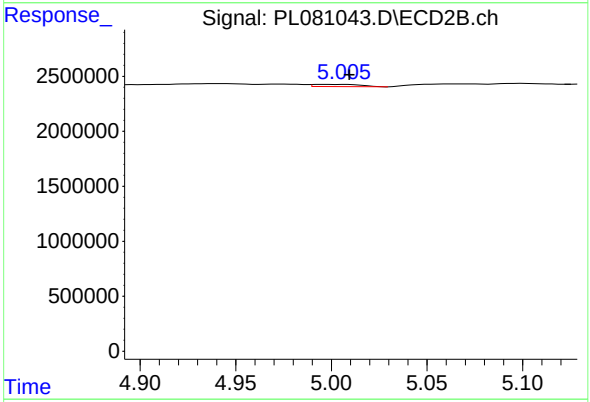
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 7233
Conc: 0.00 ng/ml



#9 Endosulfan I

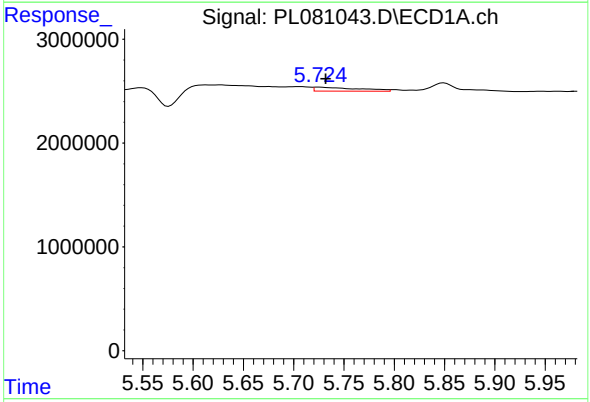
R.T.: 5.849 min
Delta R.T.: -0.010 min
Response: 1639744
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



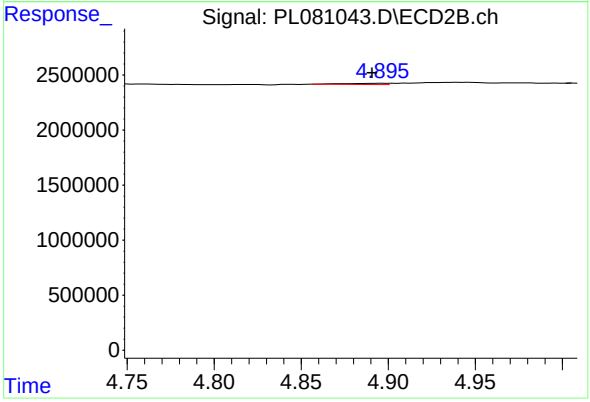
#9 Endosulfan I

R.T.: 4.997 min
Delta R.T.: -0.012 min
Response: 352250
Conc: 0.13 ng/ml



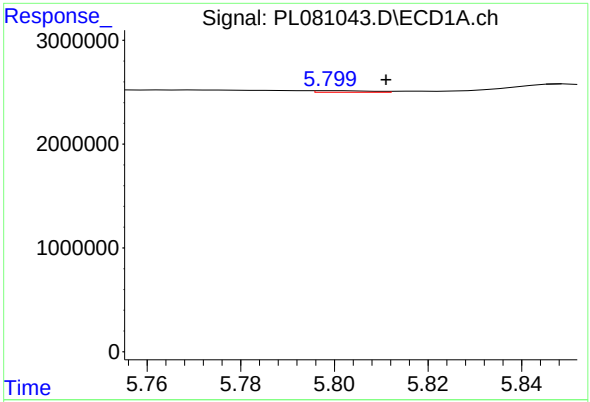
#10 gamma-Chlordane

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 1175158
Conc: 0.42 ng/ml



#10 gamma-Chlordane

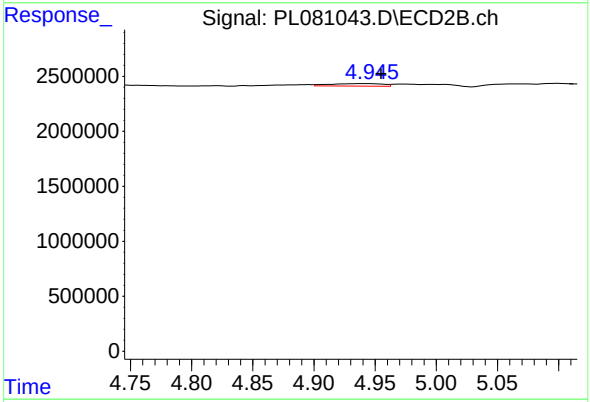
R.T.: 4.896 min
Delta R.T.: 0.006 min
Response: 173449
Conc: 0.06 ng/ml



#11 alpha-Chlordane

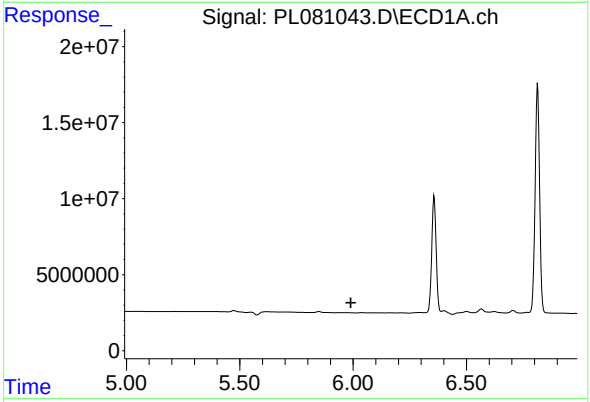
R.T.: 5.800 min
Delta R.T.: -0.011 min
Response: 131876
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



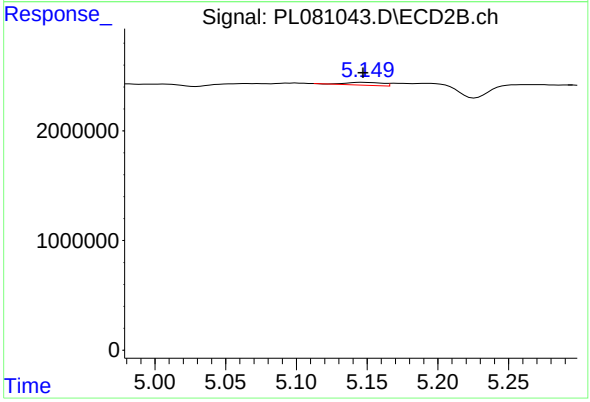
#11 alpha-Chlordane

R.T.: 4.940 min
Delta R.T.: -0.015 min
Response: 695711
Conc: 0.24 ng/ml



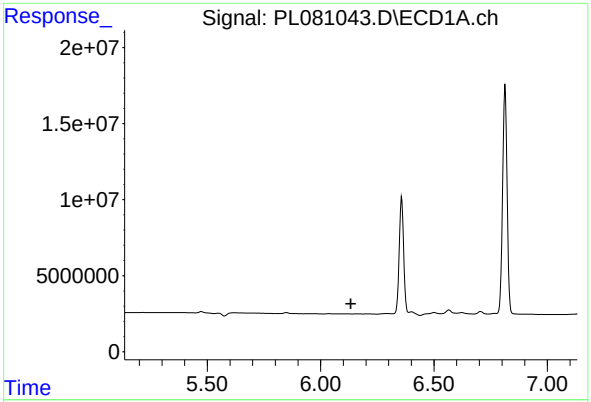
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

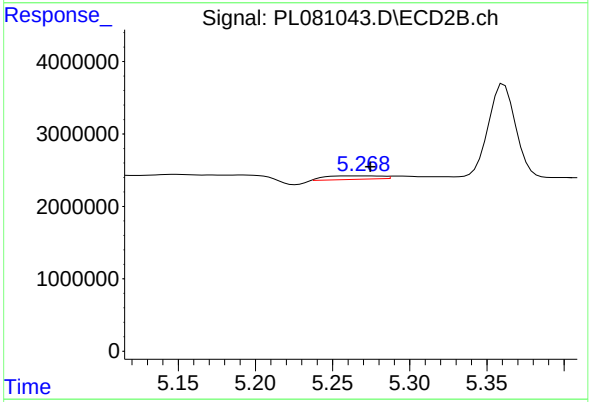
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 485975
Conc: 0.20 ng/ml



#13 Dieldrin

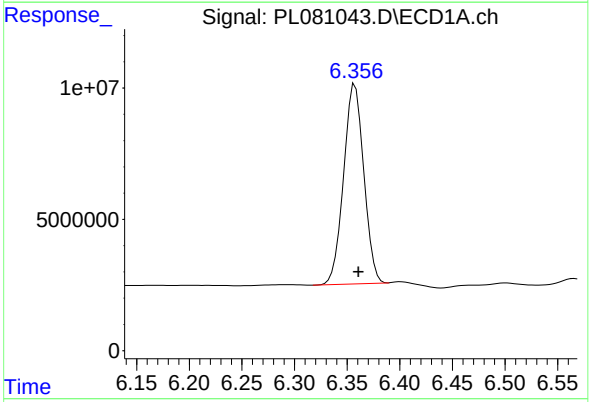
R.T.: 0.000 min
Exp R.T. : 6.134 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



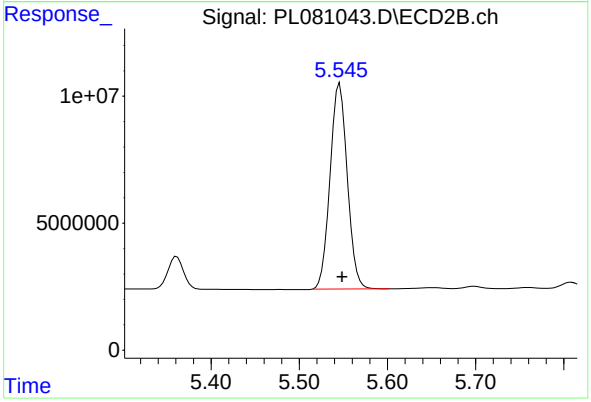
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 1220818
Conc: 0.44 ng/ml



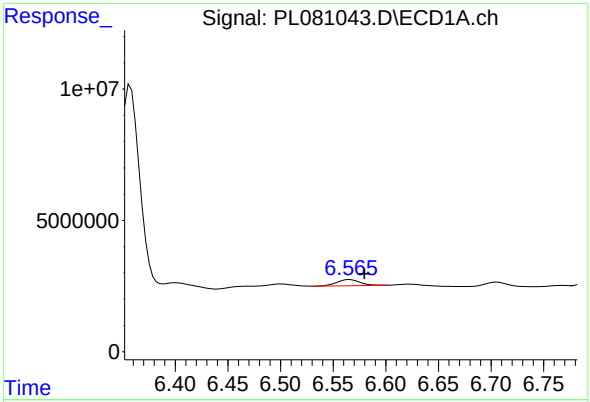
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 101696012
Conc: 42.96 ng/ml



#14 Endrin

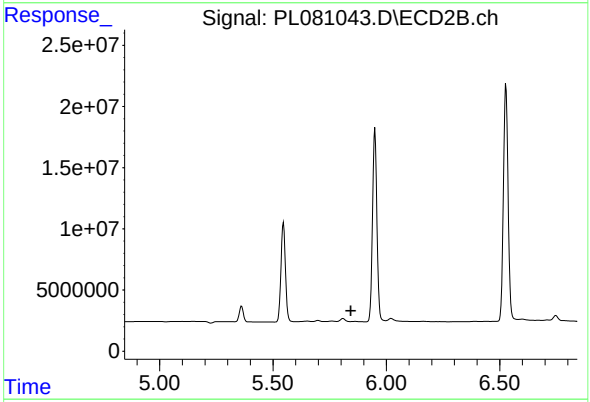
R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 109982936
Conc: 44.48 ng/ml



#15 Endosulfan II

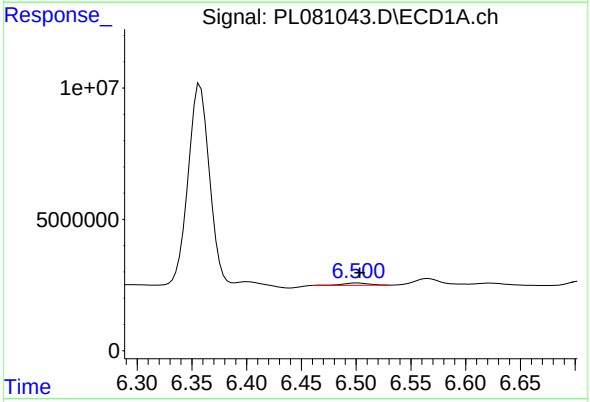
R.T.: 6.566 min
Delta R.T.: -0.014 min
Response: 3485081
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



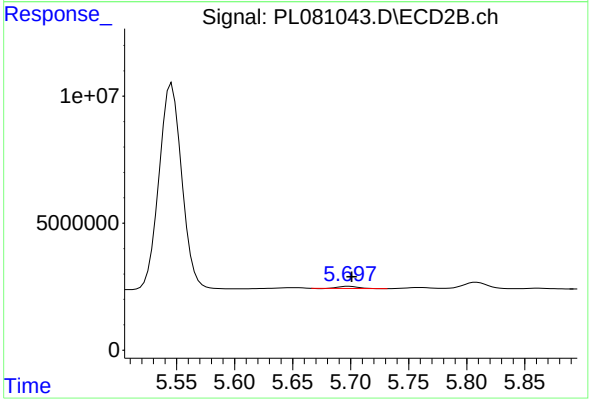
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.019 min
Response: -1928802
Conc: N.D.



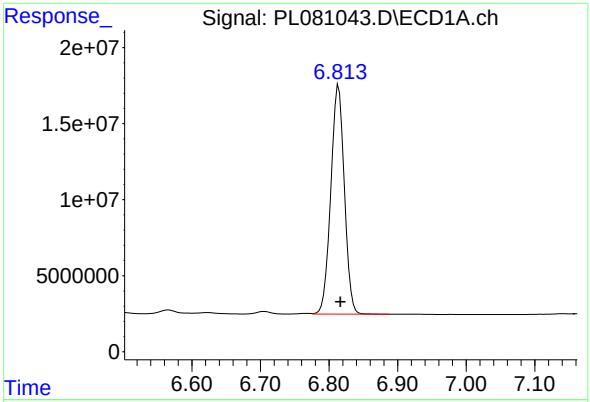
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 1481397
Conc: 0.73 ng/ml



#16 4,4'-DDD

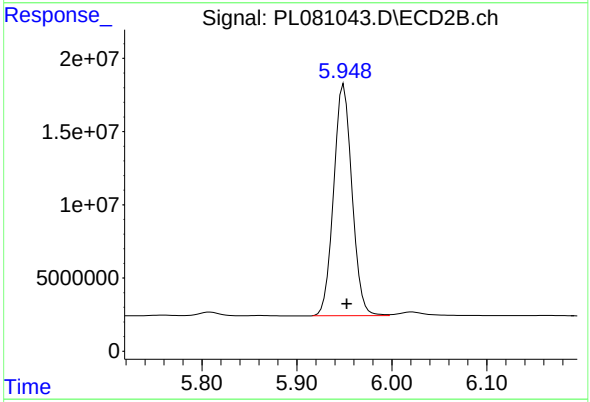
R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 961169
Conc: 0.50 ng/ml



#17 4,4'-DDT

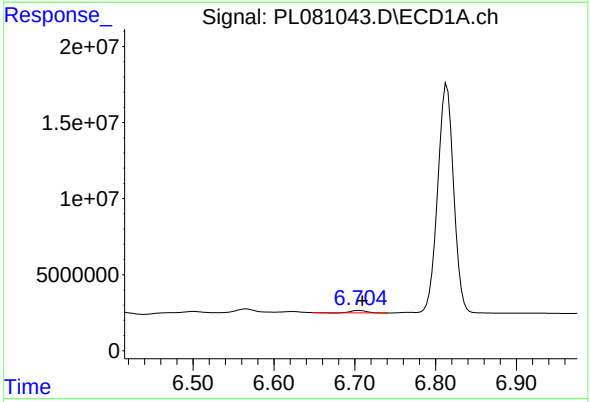
R.T.: 6.814 min
Delta R.T.: -0.003 min
Response: 206939250
Conc: 91.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



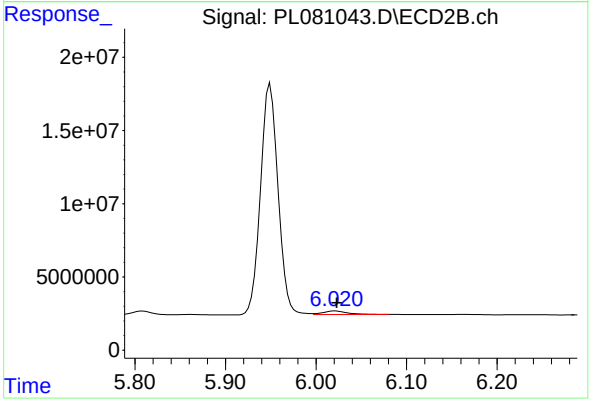
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 212332115
Conc: 97.93 ng/ml



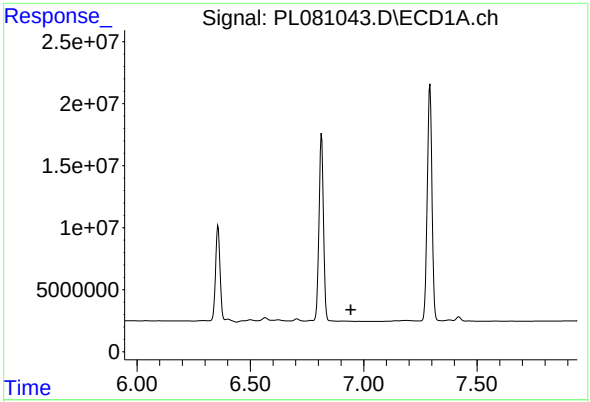
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 1972716
Conc: 1.08 ng/ml



#18 Endrin aldehyde

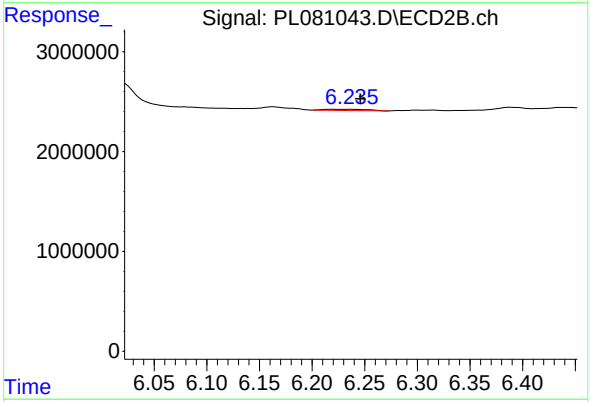
R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 4555669
Conc: 2.47 ng/ml



#19 Endosulfan Sulfate

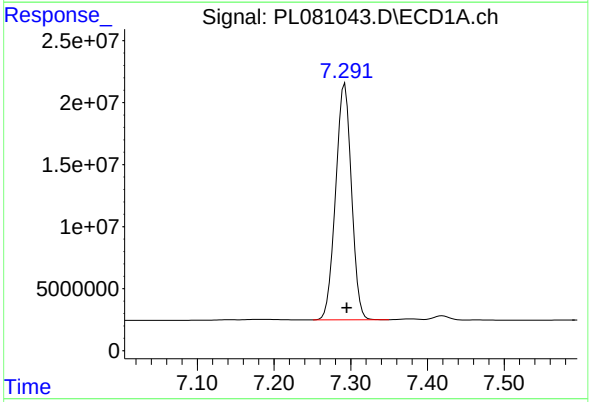
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



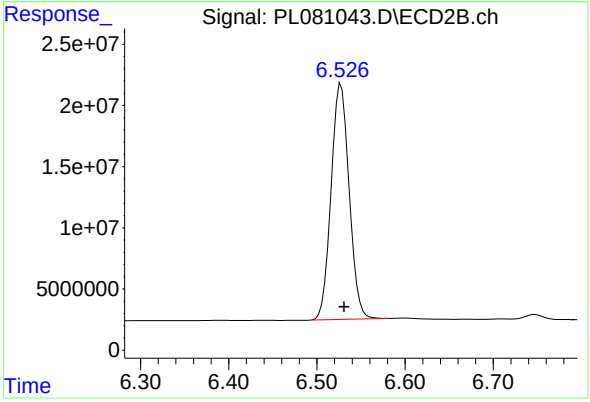
#19 Endosulfan Sulfate

R.T.: 6.236 min
Delta R.T.: -0.010 min
Response: 378373
Conc: 0.16 ng/ml



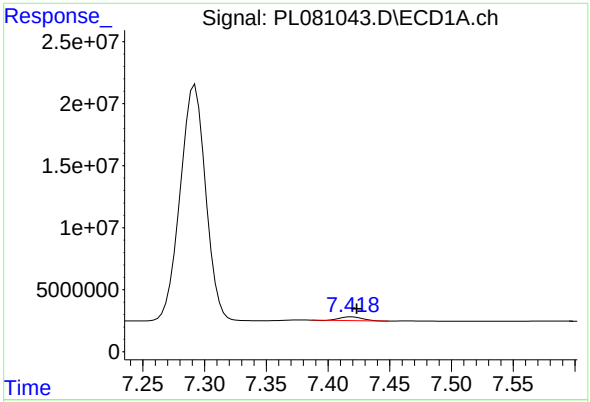
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.003 min
Response: 273193482
Conc: 222.63 ng/ml



#20 Methoxychlor

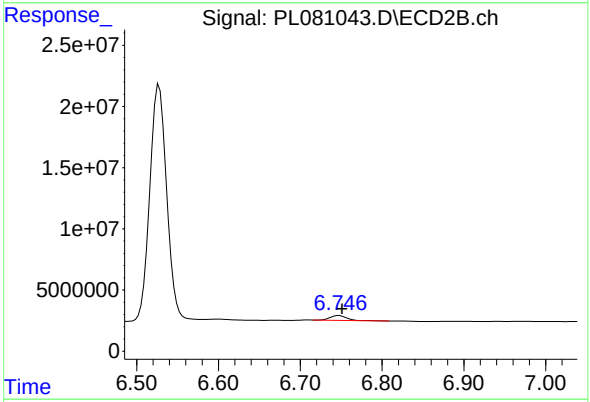
R.T.: 6.527 min
Delta R.T.: -0.003 min
Response: 273660916
Conc: 228.00 ng/ml



#21 Endrin ketone

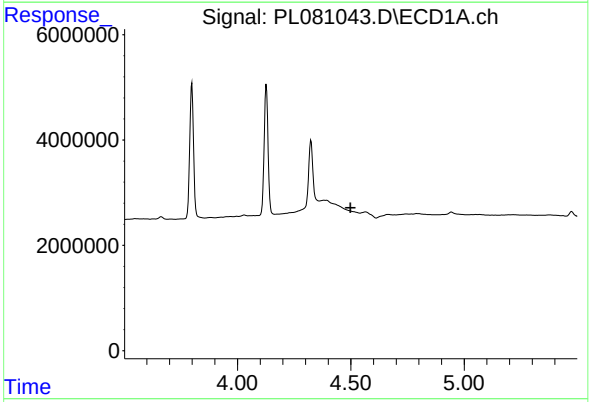
R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 3882019
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



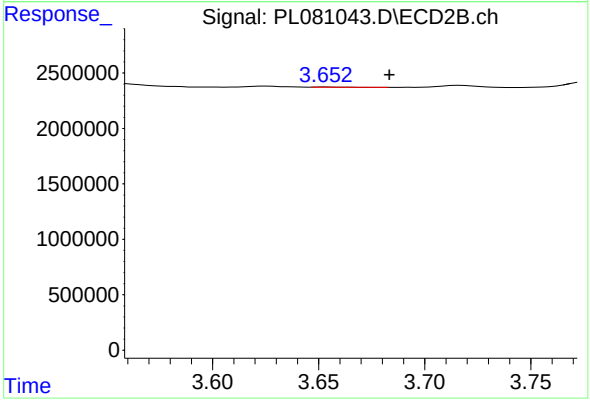
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 5331155
Conc: 2.04 ng/ml



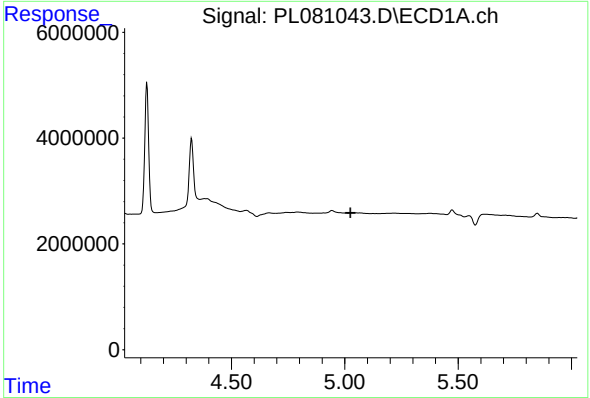
#23 Chlordane-1

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



#23 Chlordane-1

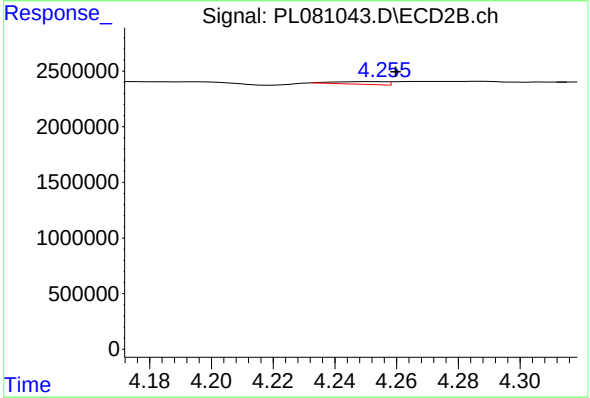
R.T.: 3.654 min
Delta R.T.: -0.030 min
Response: 25465
Conc: 0.31 ng/ml



#24 Chlordane-2

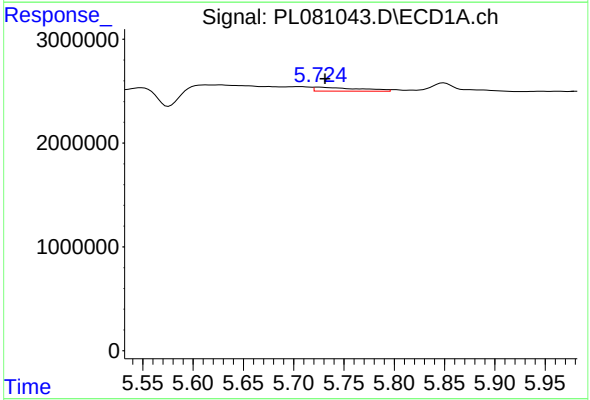
R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



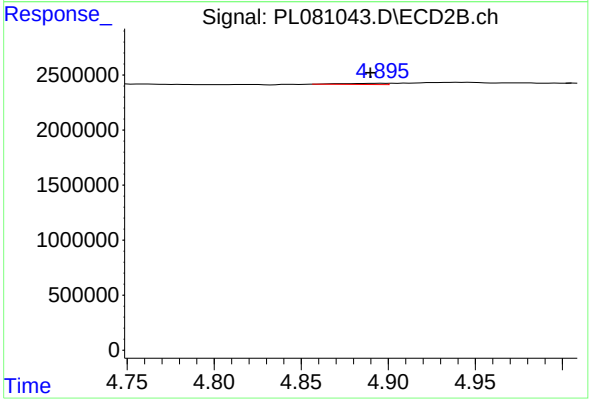
#24 Chlordane-2

R.T.: 4.251 min
Delta R.T.: -0.008 min
Response: 283882
Conc: 3.12 ng/ml



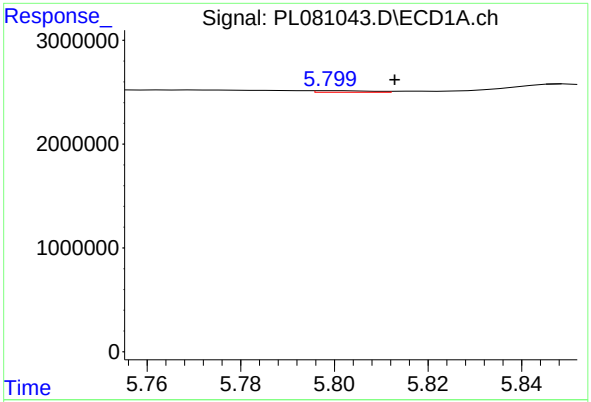
#25 Chlordane-3

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 1175158
Conc: 3.09 ng/ml



#25 Chlordane-3

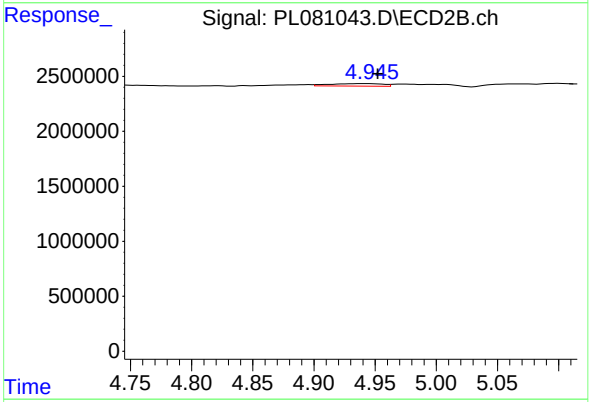
R.T.: 4.896 min
Delta R.T.: 0.007 min
Response: 173449
Conc: 0.66 ng/ml



#26 Chlordane-4

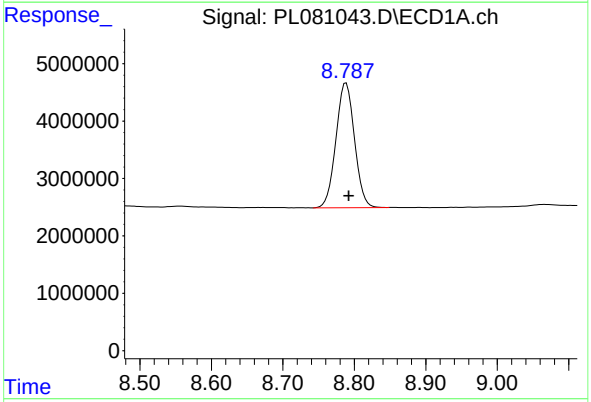
R.T.: 5.800 min
Delta R.T.: -0.013 min
Response: 131876
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



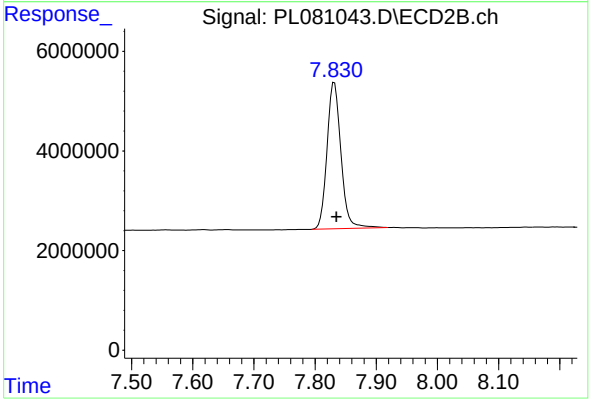
#26 Chlordane-4

R.T.: 4.940 min
Delta R.T.: -0.012 min
Response: 695711
Conc: 2.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.004 min
Response: 39200122
Conc: 20.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.003 min
Response: 46452592
Conc: 19.83 ng/ml