Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
Data File : PL088704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2024 09:03
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: Mar 21 23:11:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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...	3.635	2.852	57152378	26857011	21.567	20.152	
28)	SA Decachlor...	9.303	8.081	50818990	29142626	20.559	21.493	
	Target Compounds							
2)	A alpha-BHC	4.099	3.366	39333900	17690238	9.854	8.803	
3)	MA gamma-BHC...	4.439	3.703	38360468	17051189	9.891	8.885	
4)	MA Heptachlor	0.000	4.080f	0	35162	N.D.	0.020	#
5)	MB Aldrin	0.000	4.346	0	186381	N.D.	0.103	#
6)	B beta-BHC	4.636	4.005	19806297	8906467	11.168	10.390	
7)	B delta-BHC	0.000	4.234	0	141266	N.D.	0.074	#
8)	B Heptachlo...	5.810	4.826f	1694271	15467	0.493	0.009	#
9)	A Endosulfan I	6.182f	5.222	537453	55998	0.176	0.037	#
10)	B gamma-Chl...	6.097f	5.110	763967	383958	0.229	0.232	
11)	B alpha-Chl...	6.144	5.173	388090	66337	0.117	0.040	#
12)	B 4,4'-DDE	6.331	5.361	691661	388584	0.232	0.266	
13)	MA Dieldrin	6.510f	5.494	884661	11930	0.273	0.007	#
14)	MA Endrin	6.719	5.772	123.8E6	65732901	45.296	45.603	
15)	B Endosulfa...	6.958f	6.087f	3223163	1125883	1.125	0.783	#
16)	A 4,4'-DDD	6.854	5.922	8078890	4000141	3.172	3.212	
17)	MA 4,4'-DDT	7.173	6.177	258.7E6	138.7E6	97.046	103.336	
18)	B Endrin al...	7.072	6.253	3938556	2643365	1.886	2.522	#
19)	B Endosulfa...	0.000	6.466	0	139397	N.D.	0.100	#
20)	A Methoxychlor	7.653	6.761	342.9E6	180.7E6	227.609	225.336	
21)	B Endrin ke...	7.800	6.989	10615396	6662048	3.591	4.036	
22)	Mirex	0.000	7.199f	0	113209	N.D.	0.084	#
23)	Chlordane-1	0.000	3.871	0	14415	N.D.	0.297	#
24)	Chlordane-2	0.000	4.441f	0	144556	N.D.	2.381	#
25)	Chlordane-3	6.097f	5.110	763967	383958	1.536	2.250	#
26)	Chlordane-4	6.144	5.173	388090	66337	0.647	0.416	#
27)	Chlordane-5	0.000	5.847	0	187011	N.D.	3.687	#

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

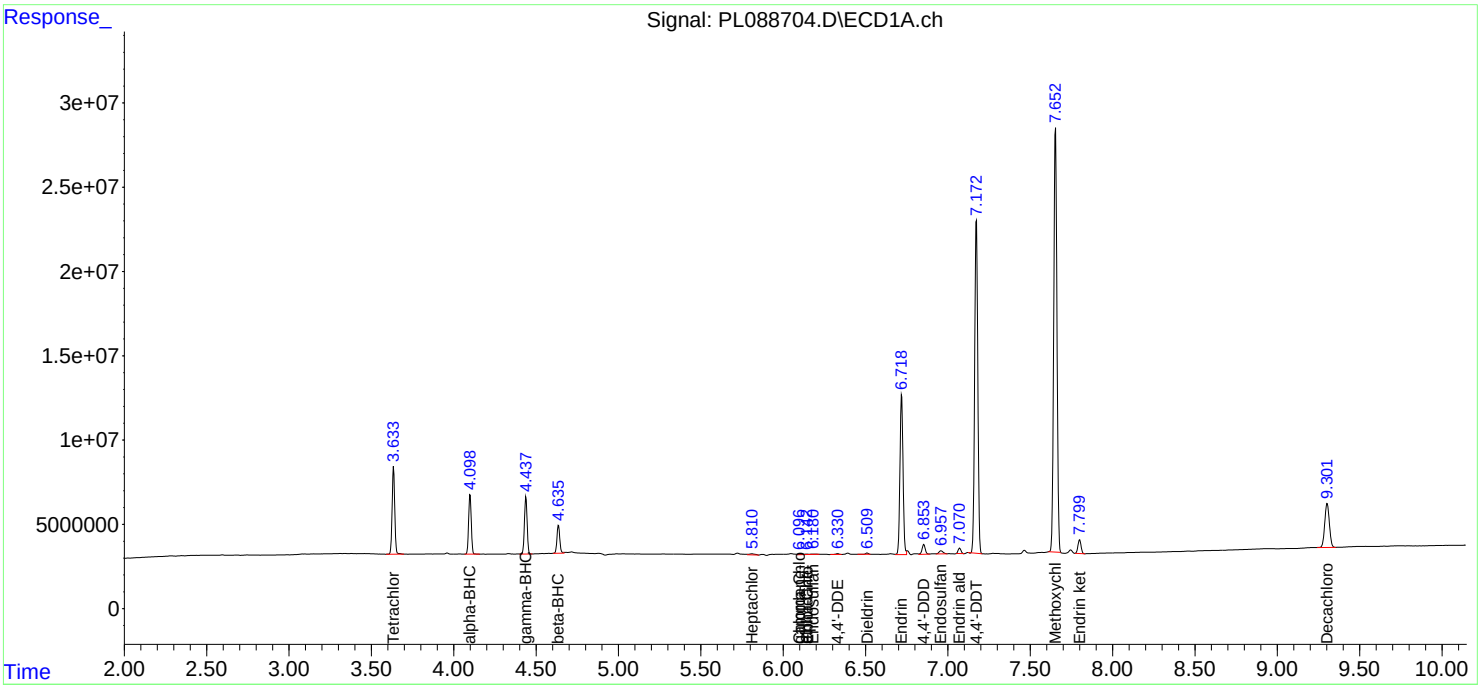
Quantitation Report (Not Reviewed)

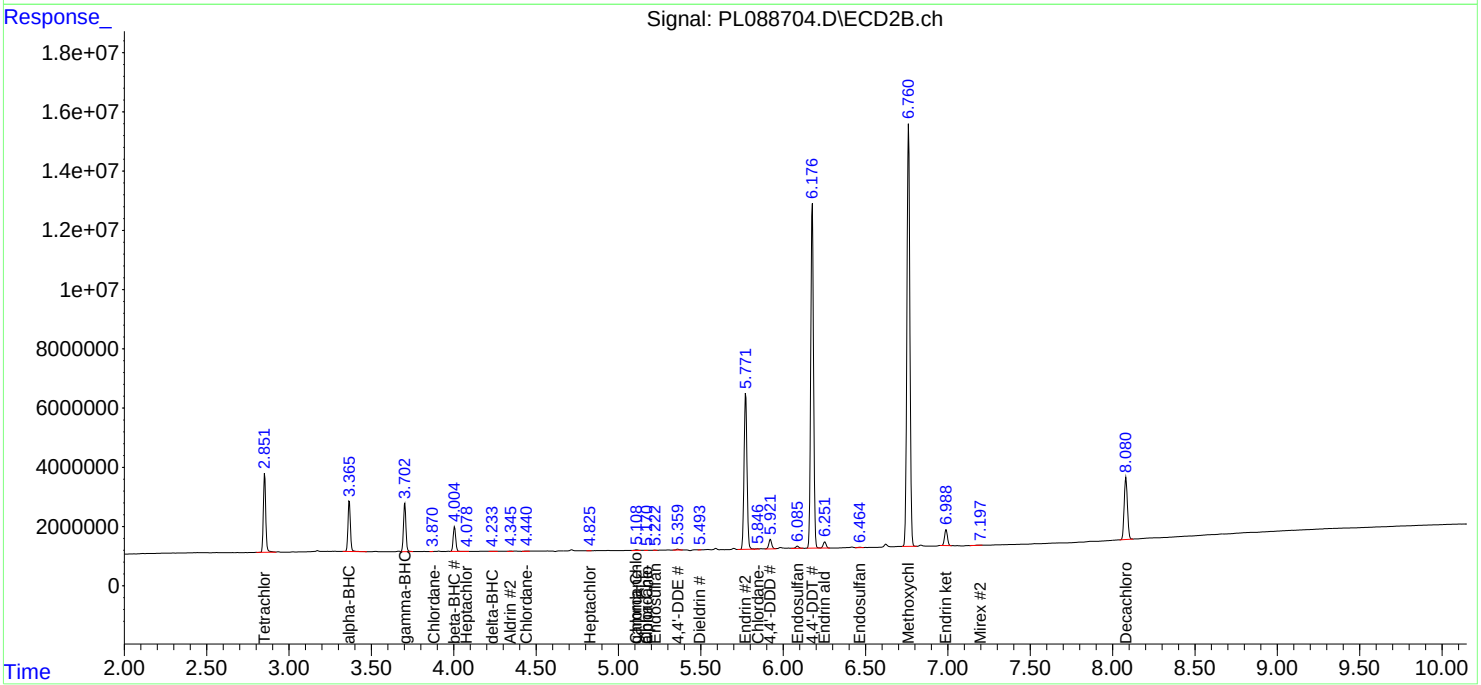
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032124\
Data File : PL088704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2024 09:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

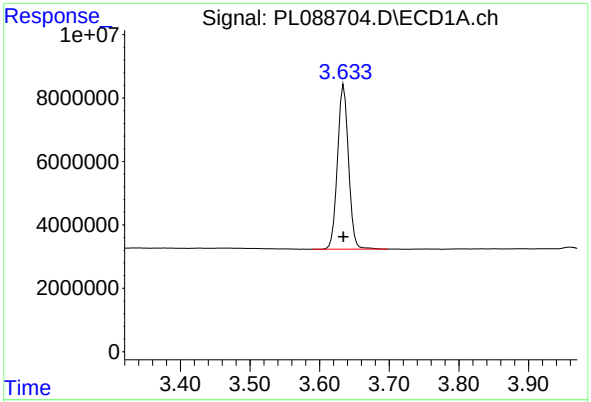
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:11:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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



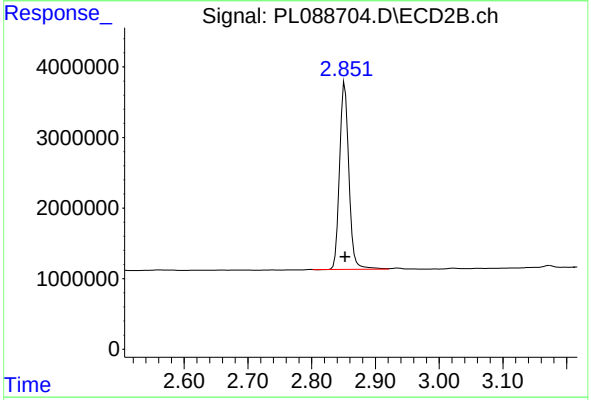




#1 Tetrachloro-m-xylene

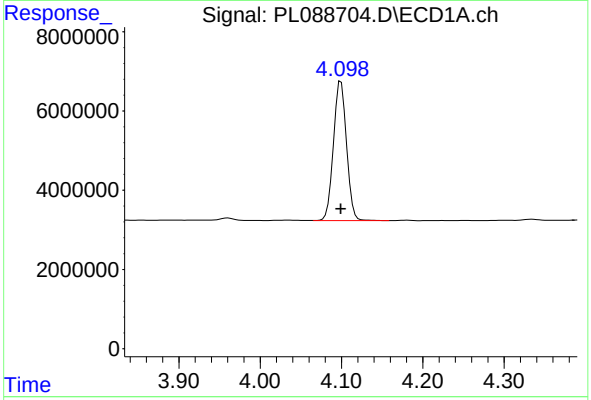
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57152378
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



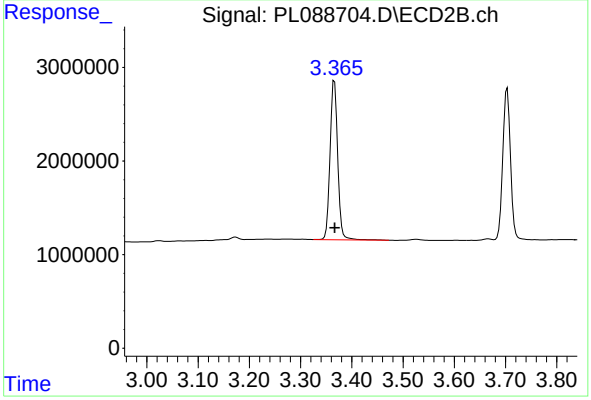
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26857011
Conc: 20.15 ng/ml



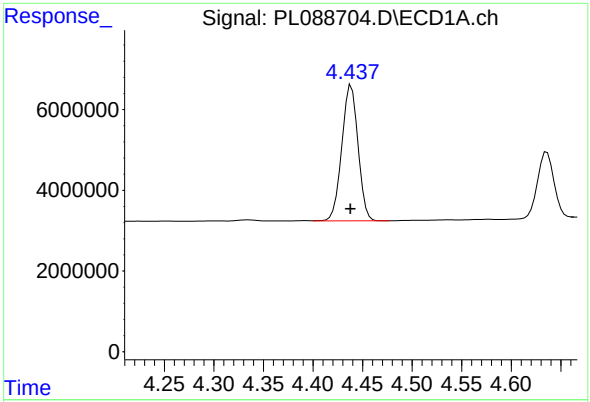
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39333900
Conc: 9.85 ng/ml



#2 alpha-BHC

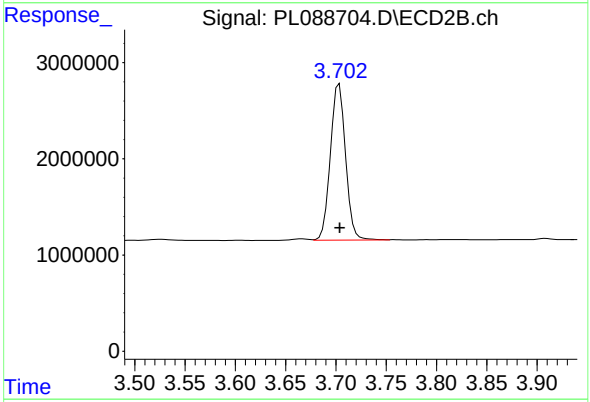
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 17690238
Conc: 8.80 ng/ml



#3 gamma-BHC (Lindane)

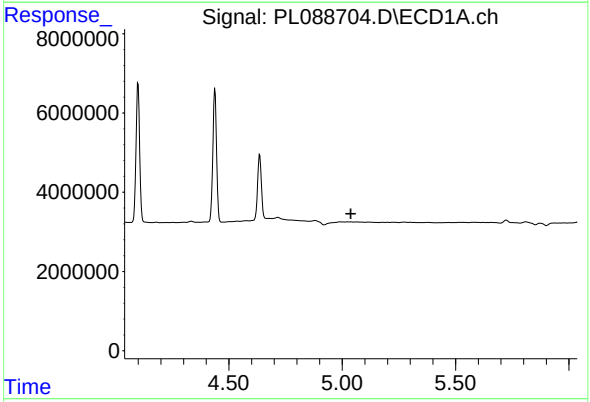
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 38360468
Conc: 9.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



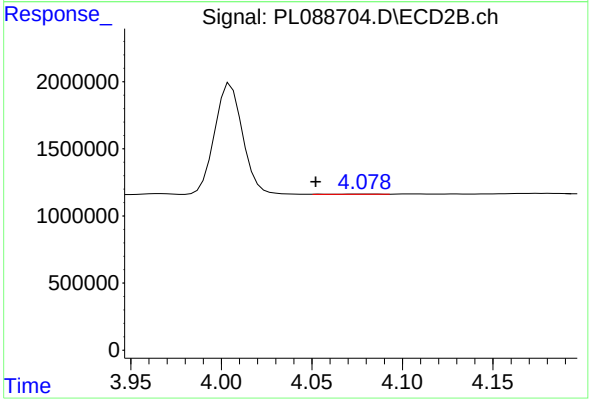
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17051189
Conc: 8.88 ng/ml



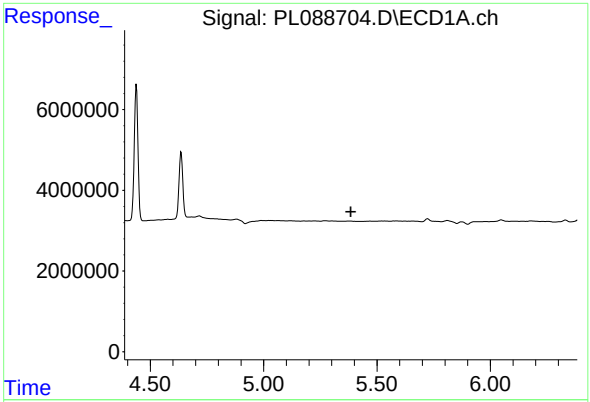
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

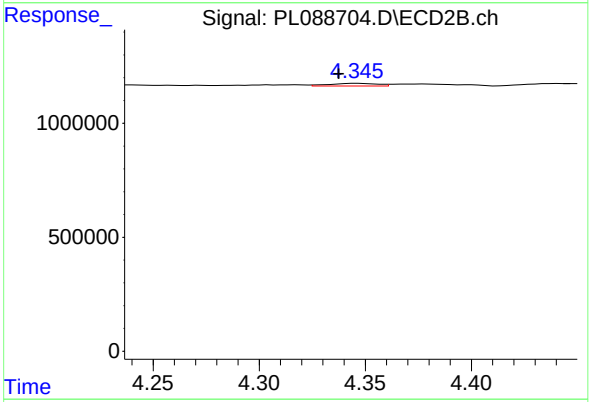
R.T.: 4.080 min
Delta R.T.: 0.027 min
Response: 35162
Conc: 0.02 ng/ml



#5 Aldrin

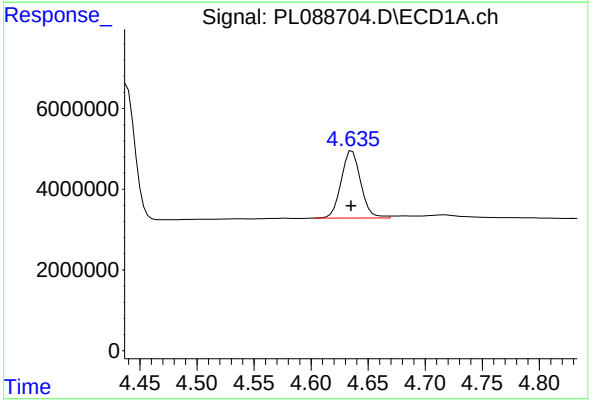
R.T.: 0.000 min
Exp R.T. : 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



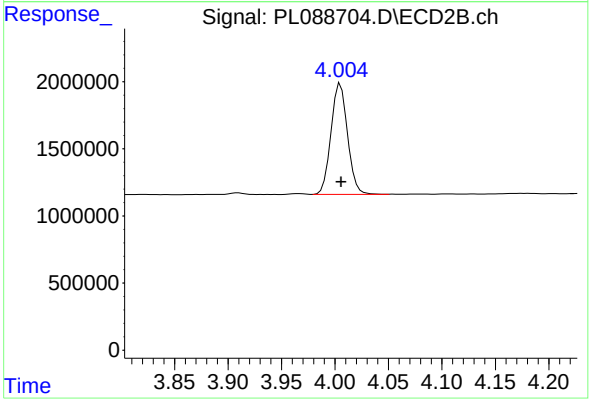
#5 Aldrin

R.T.: 4.346 min
Delta R.T.: 0.009 min
Response: 186381
Conc: 0.10 ng/ml



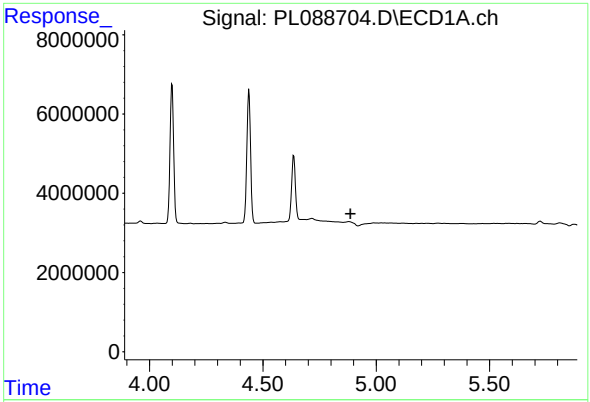
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.001 min
Response: 19806297
Conc: 11.17 ng/ml



#6 beta-BHC

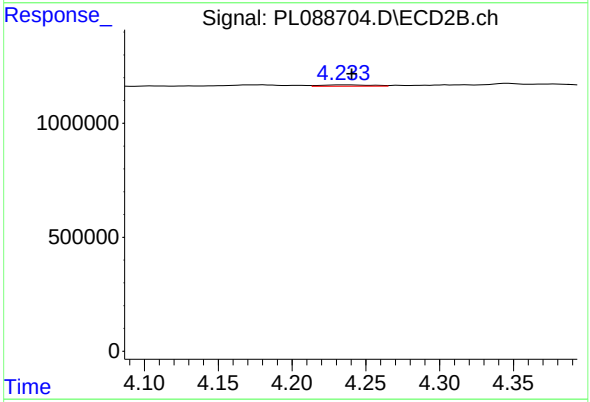
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8906467
Conc: 10.39 ng/ml



#7 delta-BHC

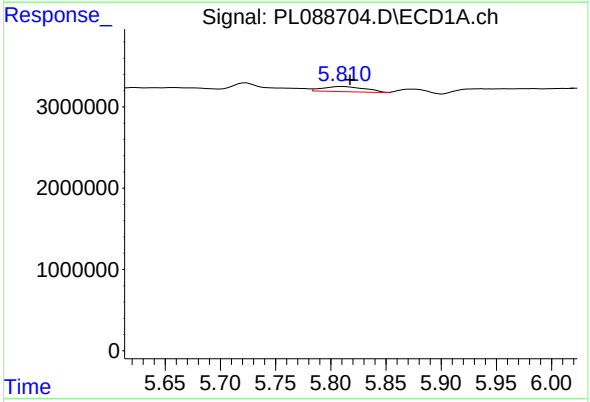
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



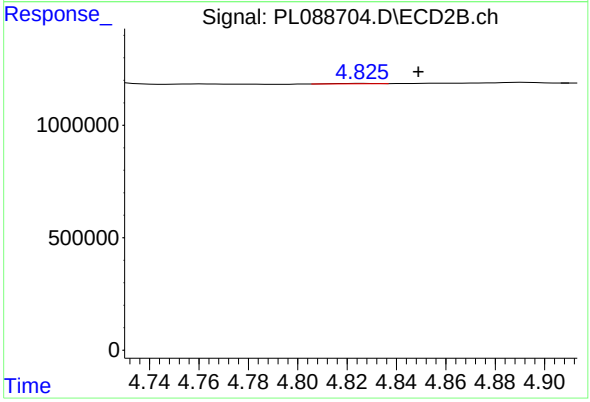
#7 delta-BHC

R.T.: 4.234 min
Delta R.T.: -0.006 min
Response: 141266
Conc: 0.07 ng/ml



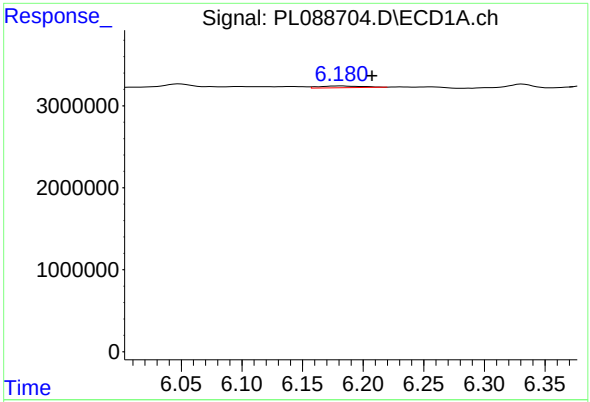
#8 Heptachlor epoxide

R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 1694271
Conc: 0.49 ng/ml



#8 Heptachlor epoxide

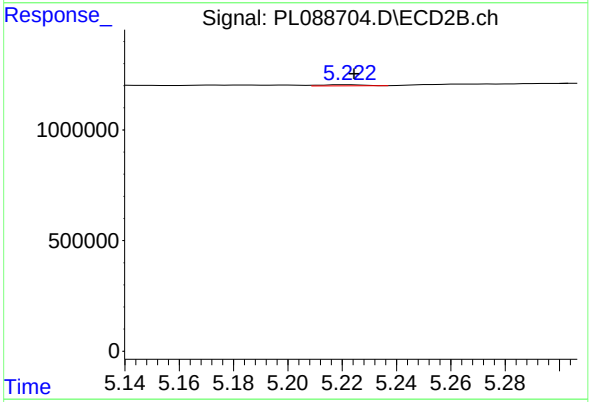
R.T.: 4.826 min
Delta R.T.: -0.022 min
Response: 15467
Conc: 0.01 ng/ml



#9 Endosulfan I

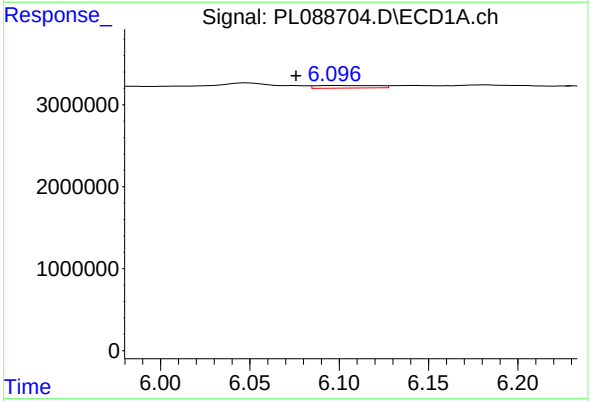
R.T.: 6.182 min
Delta R.T.: -0.026 min
Response: 537453
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



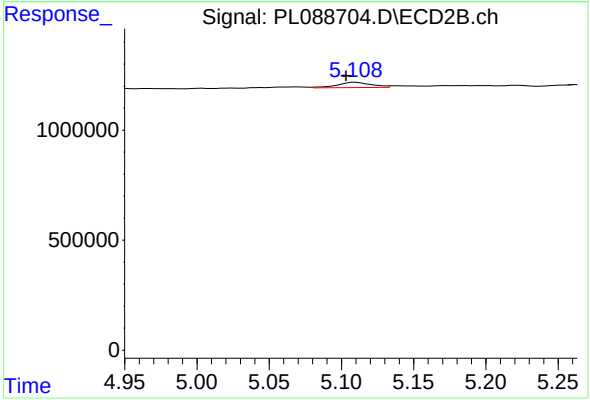
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 55998
Conc: 0.04 ng/ml



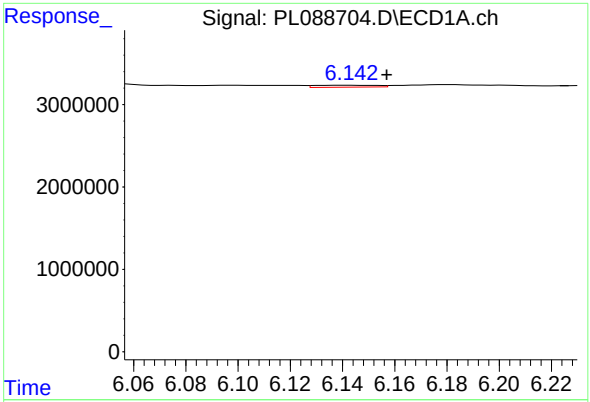
#10 gamma-Chlordane

R.T.: 6.097 min
Delta R.T.: 0.021 min
Response: 763967
Conc: 0.23 ng/ml



#10 gamma-Chlordane

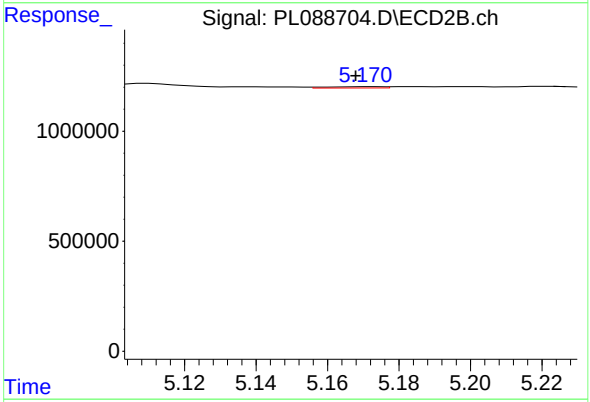
R.T.: 5.110 min
Delta R.T.: 0.006 min
Response: 383958
Conc: 0.23 ng/ml



#11 alpha-Chlordane

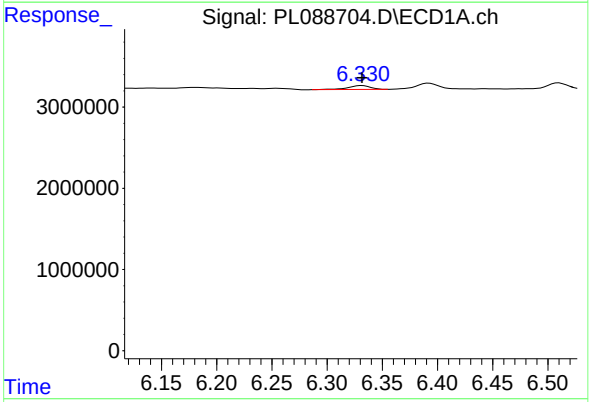
R.T.: 6.144 min
Delta R.T.: -0.013 min
Response: 388090
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



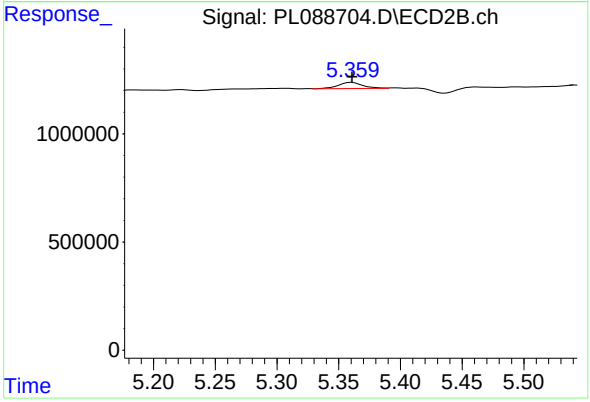
#11 alpha-Chlordane

R.T.: 5.173 min
Delta R.T.: 0.005 min
Response: 66337
Conc: 0.04 ng/ml



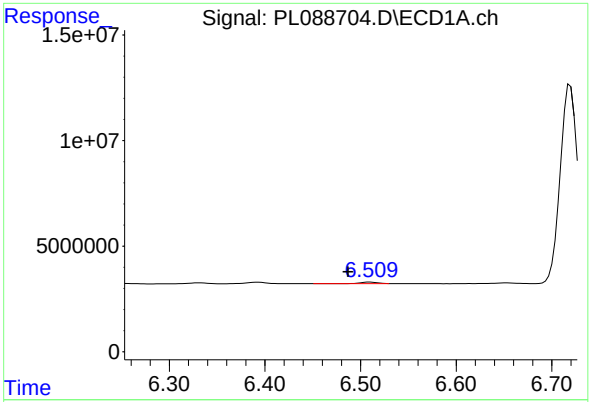
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 691661
Conc: 0.23 ng/ml



#12 4,4'-DDE

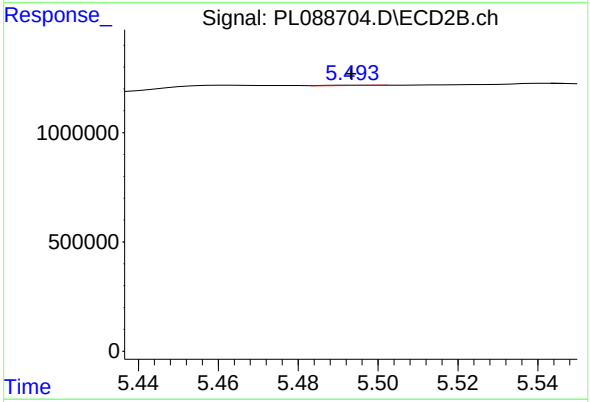
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 388584
Conc: 0.27 ng/ml



#13 Dieldrin

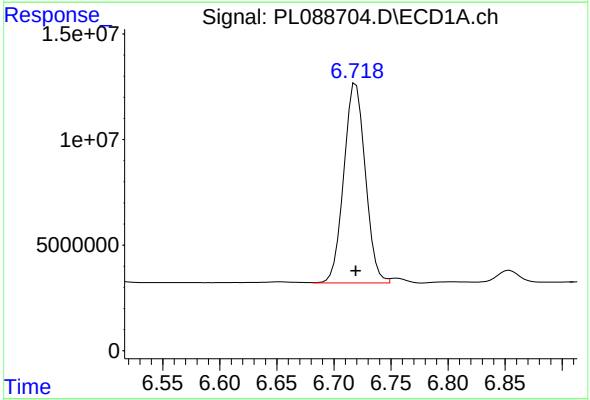
R.T.: 6.510 min
Delta R.T.: 0.023 min
Response: 884661
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



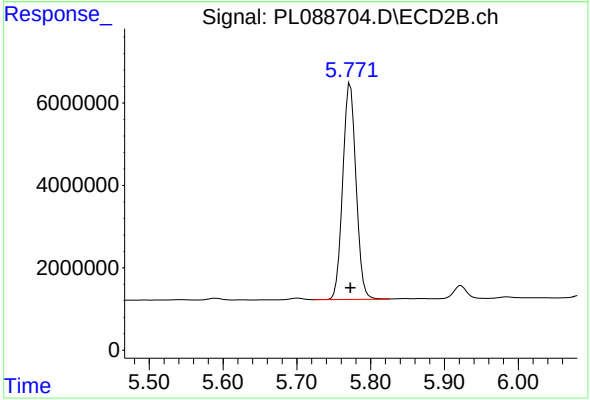
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: 0.001 min
Response: 11930
Conc: 0.01 ng/ml



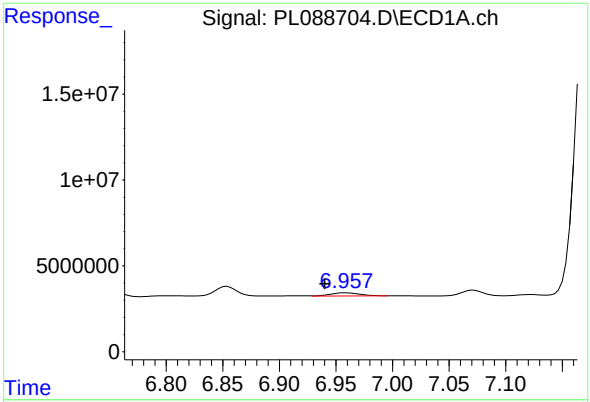
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 123826585
Conc: 45.30 ng/ml



#14 Endrin

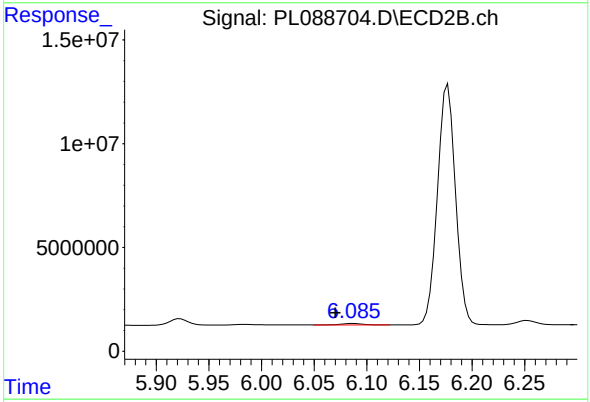
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 65732901
Conc: 45.60 ng/ml



#15 Endosulfan II

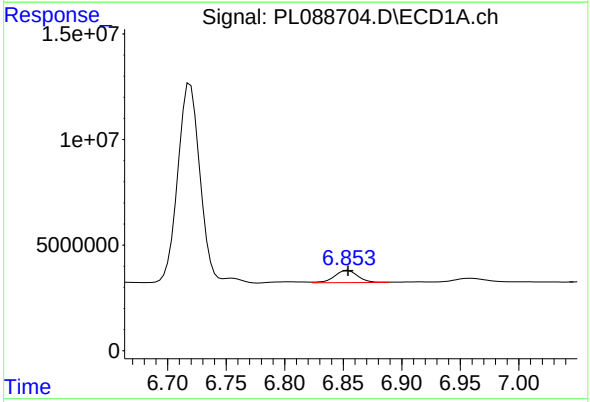
R.T.: 6.958 min
Delta R.T.: 0.018 min
Response: 3223163
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



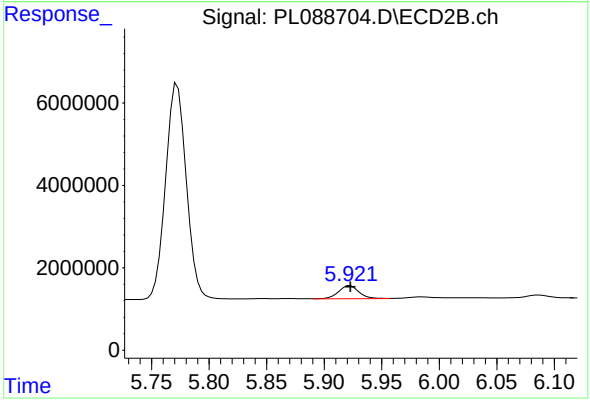
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.016 min
Response: 1125883
Conc: 0.78 ng/ml



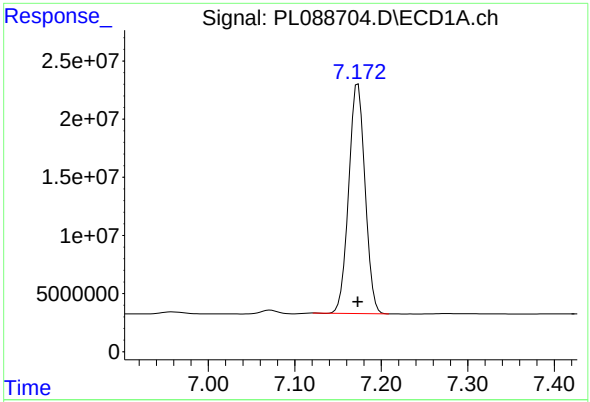
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 8078890
Conc: 3.17 ng/ml



#16 4,4'-DDD

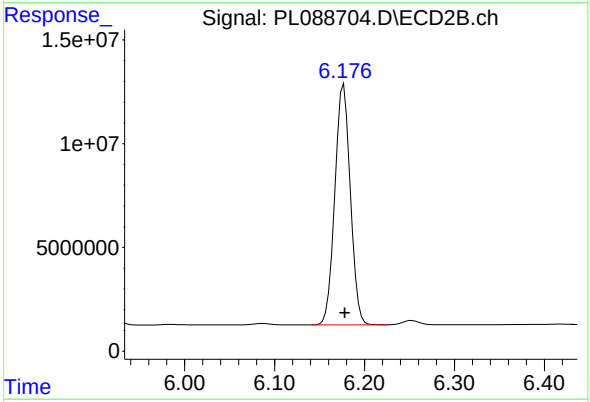
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 4000141
Conc: 3.21 ng/ml



#17 4,4'-DDT

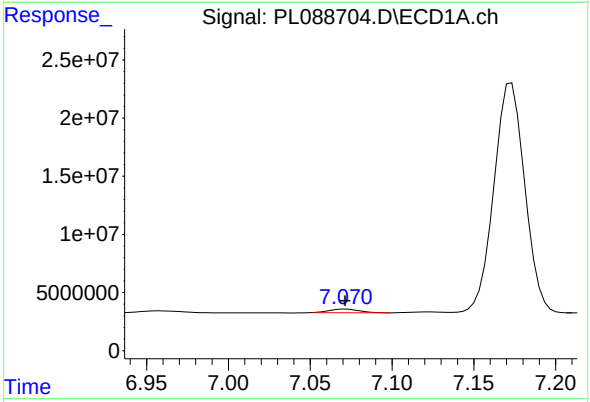
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 258673888
Conc: 97.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



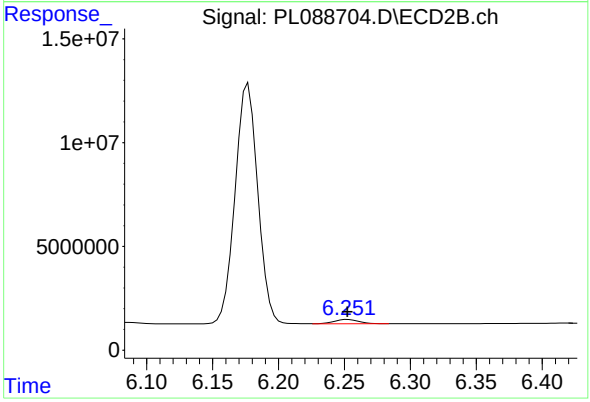
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 138697595
Conc: 103.34 ng/ml



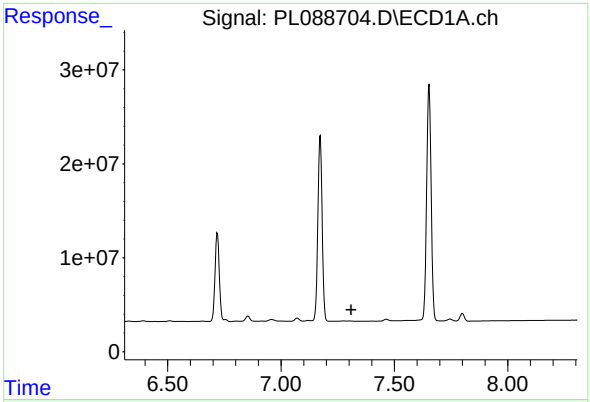
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 3938556
Conc: 1.89 ng/ml



#18 Endrin aldehyde

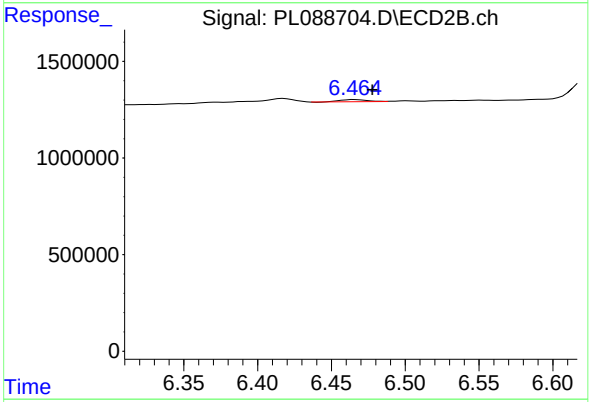
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2643365
Conc: 2.52 ng/ml



#19 Endosulfan Sulfate

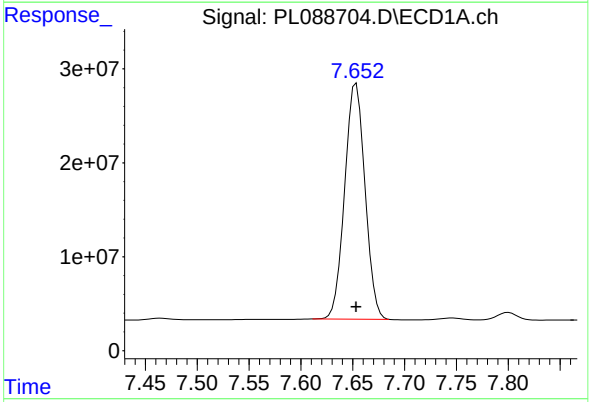
R.T.: 0.000 min
Exp R.T. : 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



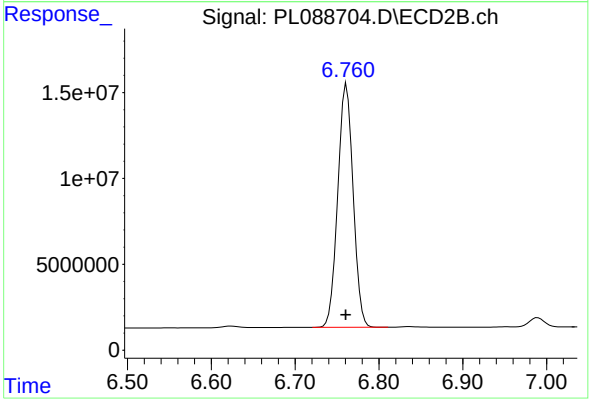
#19 Endosulfan Sulfate

R.T.: 6.466 min
Delta R.T.: -0.012 min
Response: 139397
Conc: 0.10 ng/ml



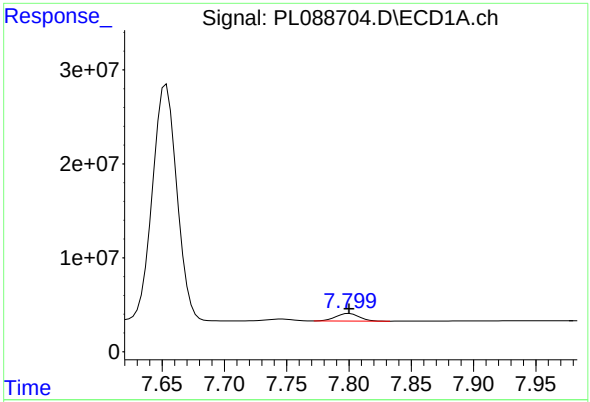
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 342895542
Conc: 227.61 ng/ml



#20 Methoxychlor

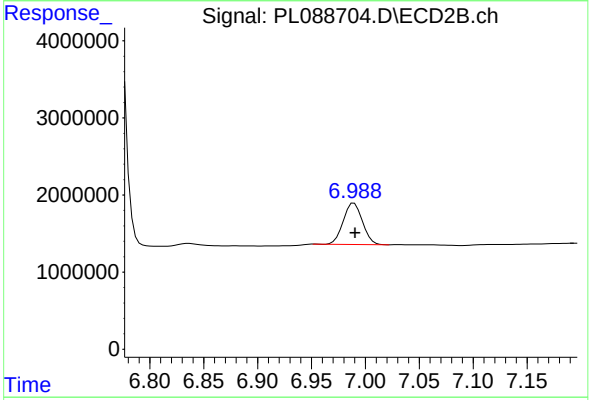
R.T.: 6.761 min
Delta R.T.: 0.001 min
Response: 180735012
Conc: 225.34 ng/ml



#21 Endrin ketone

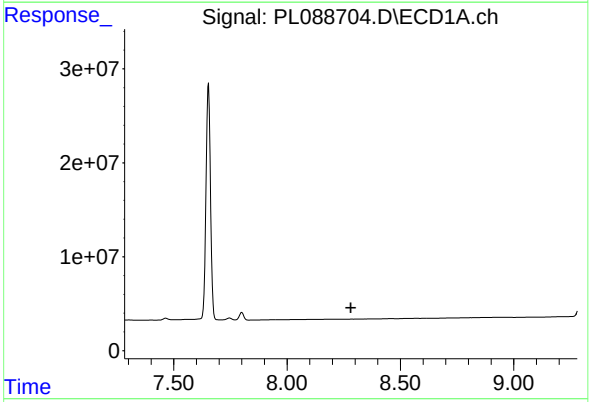
R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 10615396
Conc: 3.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



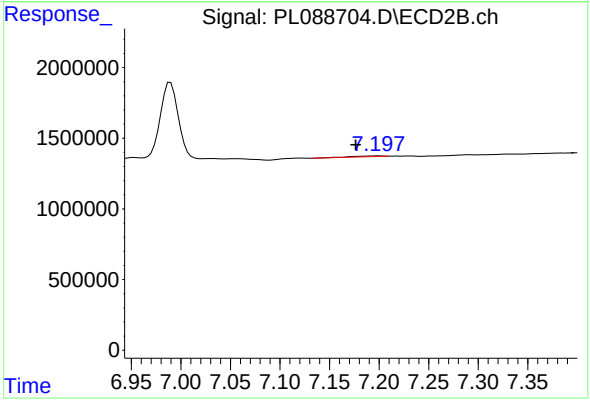
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 6662048
Conc: 4.04 ng/ml



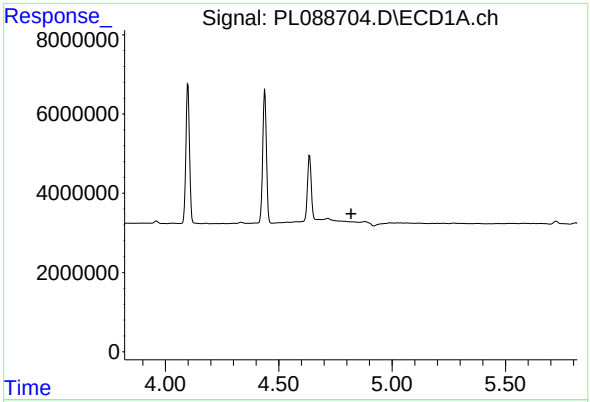
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.



#22 Mirex

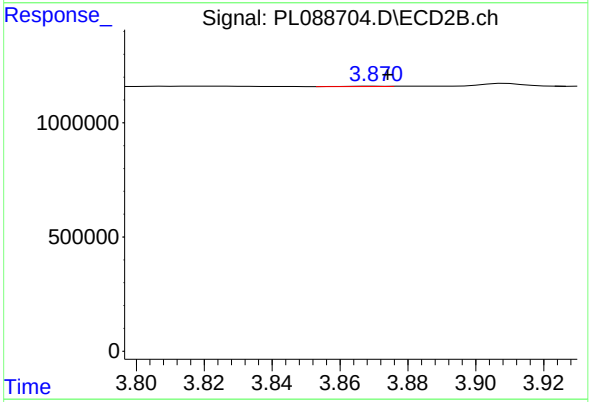
R.T.: 7.199 min
Delta R.T.: 0.022 min
Response: 113209
Conc: 0.08 ng/ml



#23 Chlordane-1

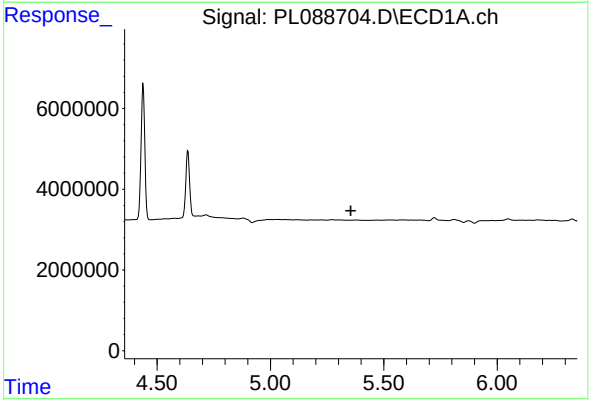
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



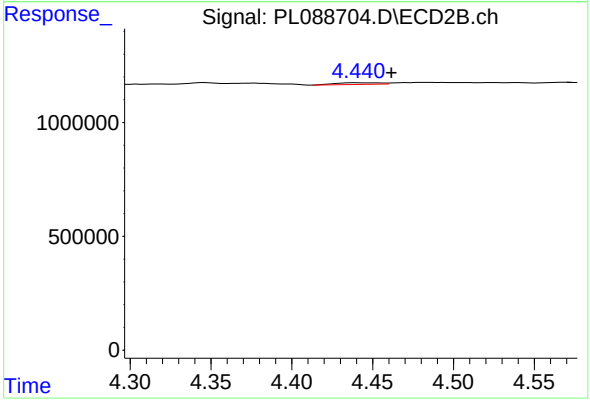
#23 Chlordane-1

R.T.: 3.871 min
Delta R.T.: -0.003 min
Response: 14415
Conc: 0.30 ng/ml



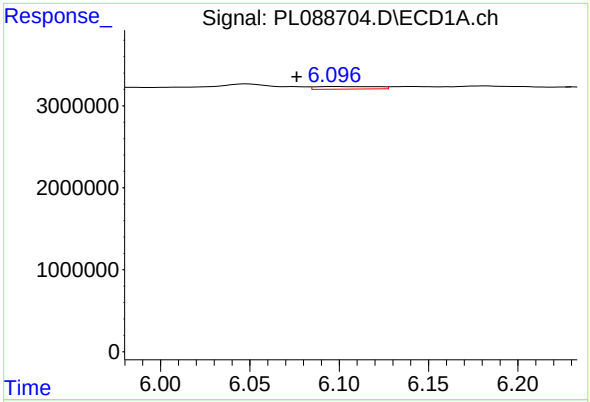
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

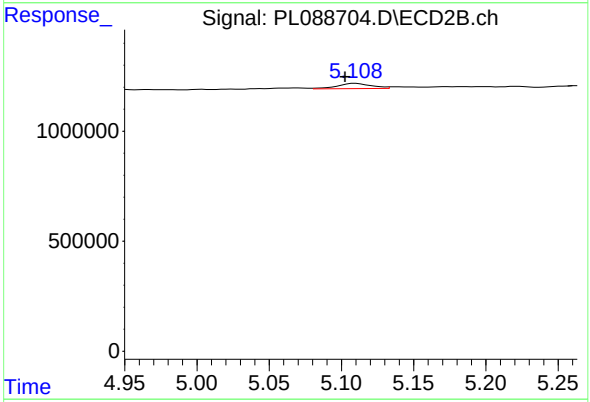
R.T.: 4.441 min
Delta R.T.: -0.021 min
Response: 144556
Conc: 2.38 ng/ml



#25 Chlordane-3

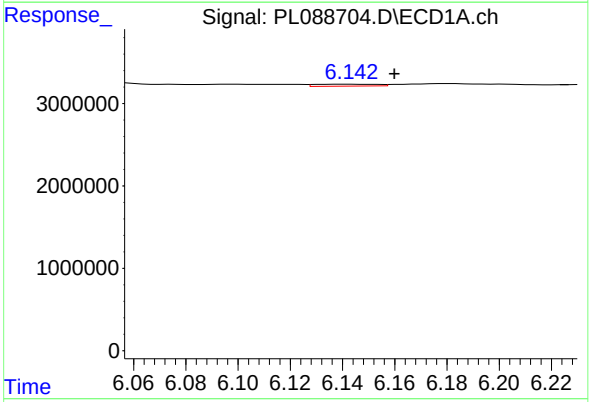
R.T.: 6.097 min
Delta R.T.: 0.021 min
Response: 763967
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



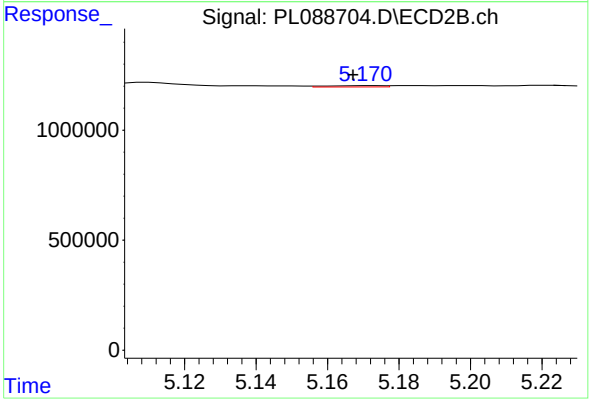
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: 0.007 min
Response: 383958
Conc: 2.25 ng/ml



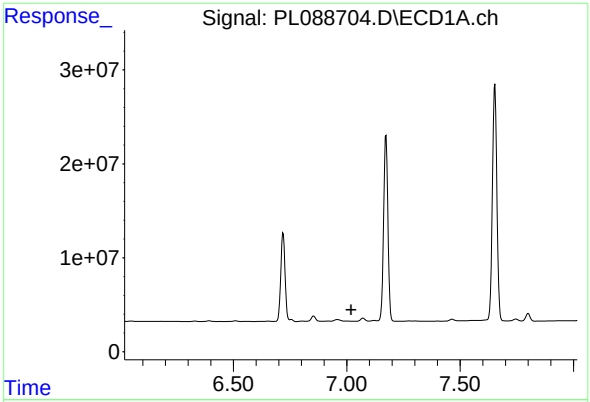
#26 Chlordane-4

R.T.: 6.144 min
Delta R.T.: -0.016 min
Response: 388090
Conc: 0.65 ng/ml



#26 Chlordane-4

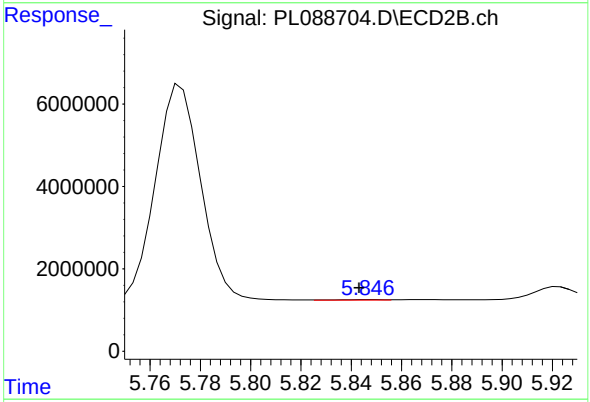
R.T.: 5.173 min
Delta R.T.: 0.006 min
Response: 66337
Conc: 0.42 ng/ml



#27 Chlordane-5

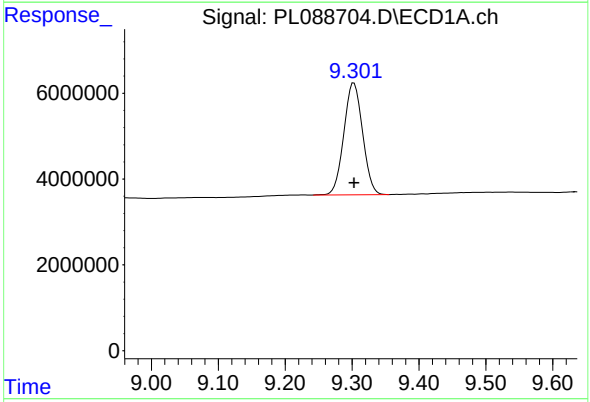
R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



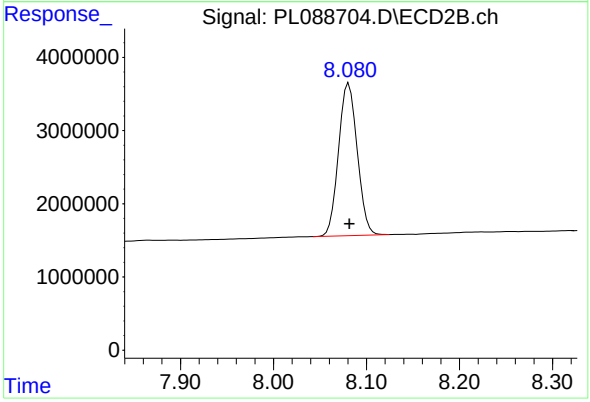
#27 Chlordane-5

R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: 187011
Conc: 3.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 50818990
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 29142626
Conc: 21.49 ng/ml