Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021624\
Data File : PL088118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2024 16:52
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 16 22:19:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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...	3.644	2.855	56978226	28954924	20.744	20.645	
28)	SA Decachlor...	9.315	8.091	45076862	28865950	23.405	22.670	
	Target Compounds							
2)	A alpha-BHC	4.108	3.371	39318297	19178792	9.419	9.334	
3)	MA gamma-BHC...	4.447	3.708	38258449	18320691	9.448	9.149	
5)	MB Aldrin	0.000	4.358f	0	181300	N.D.	0.093	#
6)	B beta-BHC	4.644	4.010	17947411	9387059	10.305	10.546	
7)	B delta-BHC	4.889	4.243	3201478	82657	0.828	0.041	#
8)	B Heptachlo...	5.826	4.846	2159699	38908	0.612	0.022	#
9)	A Endosulfan I	6.184f	5.230	1340477	74052	0.428	0.046	#
10)	B gamma-Chl...	0.000	5.123f	0	306099	N.D.	0.172	#
11)	B alpha-Chl...	6.184f	5.152f	1340477	452898	0.393	0.254	#
12)	B 4,4'-DDE	0.000	5.368	0	258059	N.D.	0.162	#
13)	MA Dieldrin	6.517f	5.496	278161	13637	0.085	0.008	#
14)	MA Endrin	6.728	5.780	130.1E6	71978324	50.042	47.953	
15)	B Endosulfa...	6.963f	6.096f	4232579	571732	1.478	0.375	#
16)	A 4,4'-DDD	6.862	5.931	4700033	5533470	1.812	4.050	#
17)	MA 4,4'-DDT	7.182	6.186	274.0E6	153.4E6	104.211	112.344	
18)	B Endrin al...	7.080	6.261	3481153	2491886	1.684	2.282	#
19)	B Endosulfa...	0.000	6.479	0	47643	N.D.	0.034	#
20)	A Methoxychlor	7.662	6.770	353.8E6	201.9E6	267.277	257.641	
21)	B Endrin ke...	7.809	6.999	8713680	6015986	3.111	3.593	
22)	Mirex	0.000	7.210f	0	1084568	N.D.	0.823	#
23)	Chlordane-1	0.000	3.870	0	10048	N.D.	0.195	#
24)	Chlordane-2	0.000	4.450	0	72070	N.D.	1.134	#
25)	Chlordane-3	0.000	5.123	0	306099	N.D.	1.644	#
26)	Chlordane-4	6.184f	5.152	1340477	452898	2.183	2.619	
27)	Chlordane-5	7.021	5.856	189665	662542	1.874	12.524	#

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

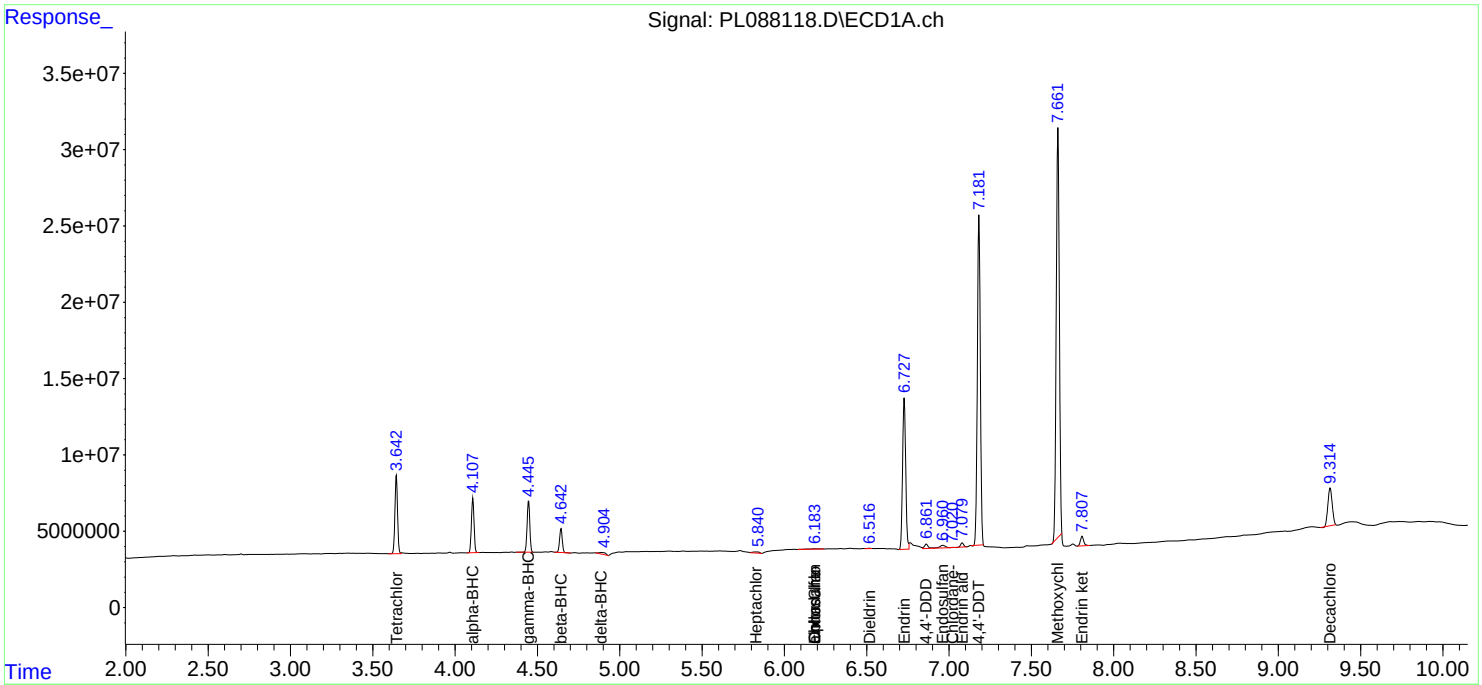
Quantitation Report (Not Reviewed)

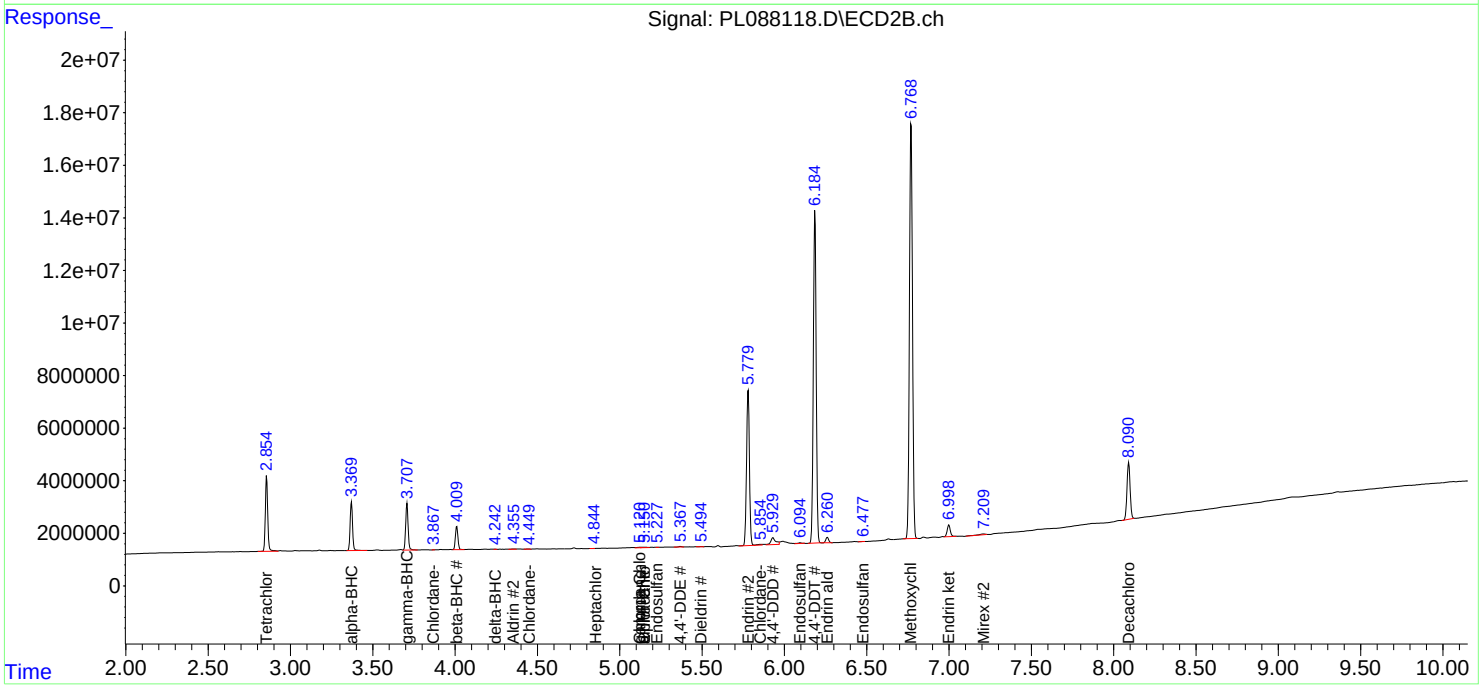
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021624\
Data File : PL088118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2024 16:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

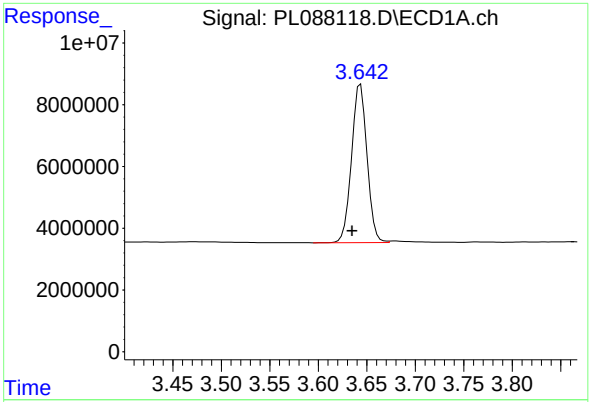
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 22:19:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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



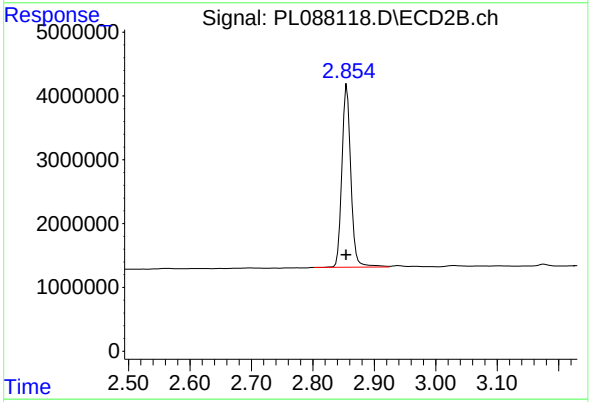




#1 Tetrachloro-m-xylene

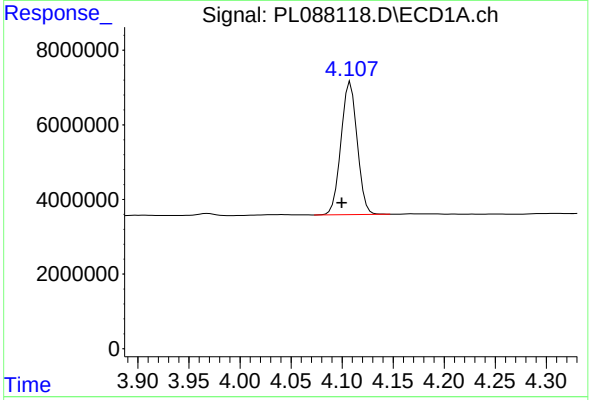
R.T.: 3.644 min
Delta R.T.: 0.009 min
Response: 56978226
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



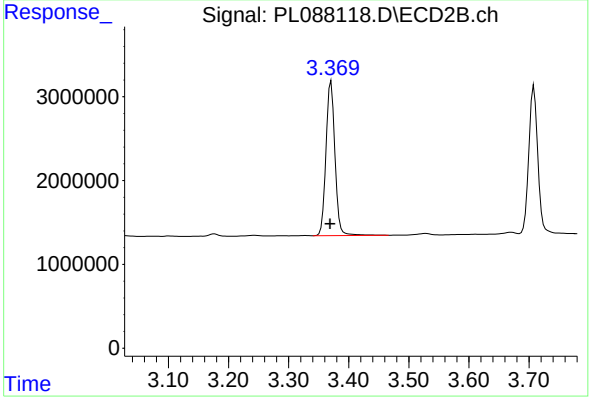
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.002 min
Response: 28954924
Conc: 20.64 ng/ml



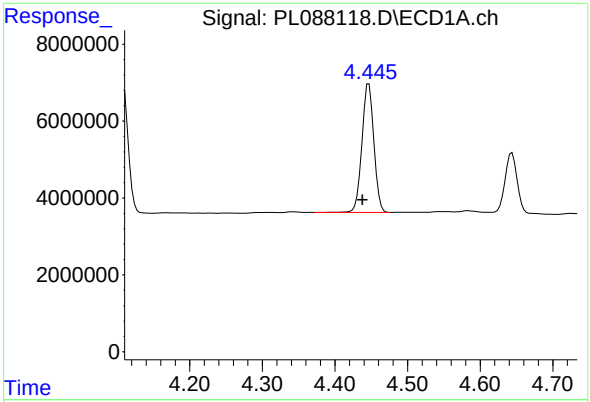
#2 alpha-BHC

R.T.: 4.108 min
Delta R.T.: 0.009 min
Response: 39318297
Conc: 9.42 ng/ml



#2 alpha-BHC

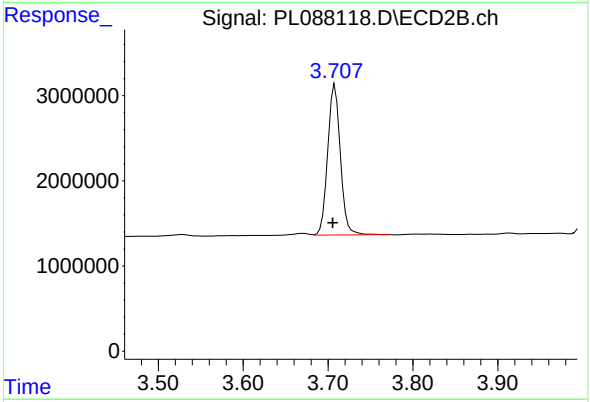
R.T.: 3.371 min
Delta R.T.: 0.002 min
Response: 19178792
Conc: 9.33 ng/ml



#3 gamma-BHC (Lindane)

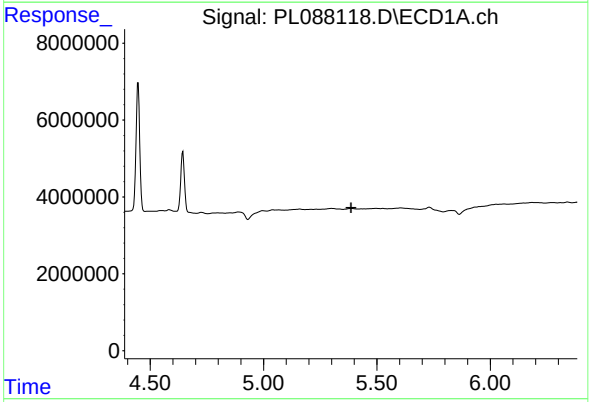
R.T.: 4.447 min
Delta R.T.: 0.009 min
Response: 38258449
Conc: 9.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



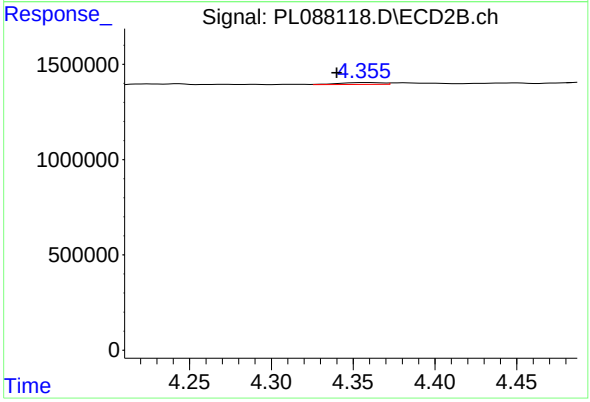
#3 gamma-BHC (Lindane)

R.T.: 3.708 min
Delta R.T.: 0.003 min
Response: 18320691
Conc: 9.15 ng/ml



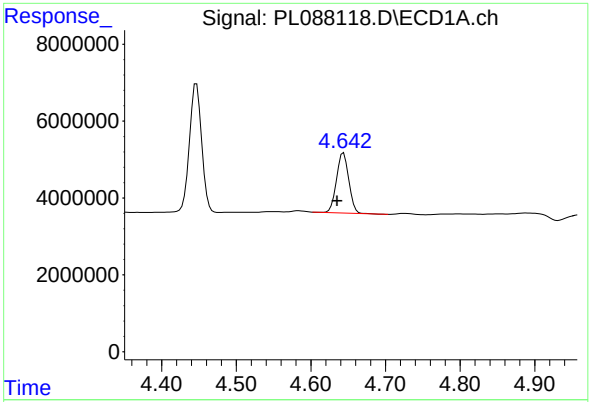
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.386 min
Response: 0
Conc: N.D.



#5 Aldrin

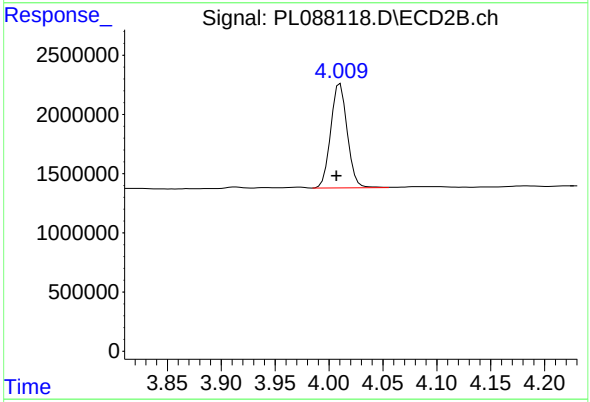
R.T.: 4.358 min
Delta R.T.: 0.018 min
Response: 181300
Conc: 0.09 ng/ml



#6 beta-BHC

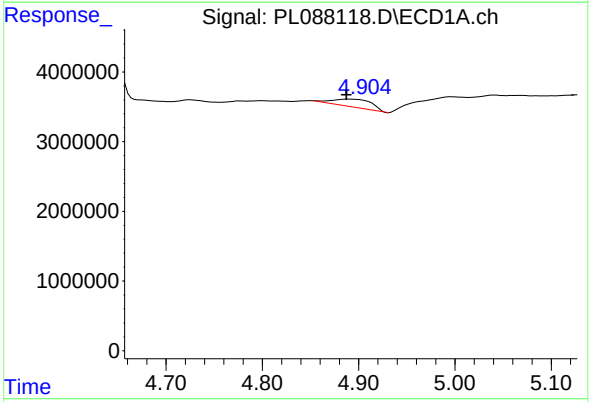
R.T.: 4.644 min
Delta R.T.: 0.009 min
Response: 17947411
Conc: 10.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



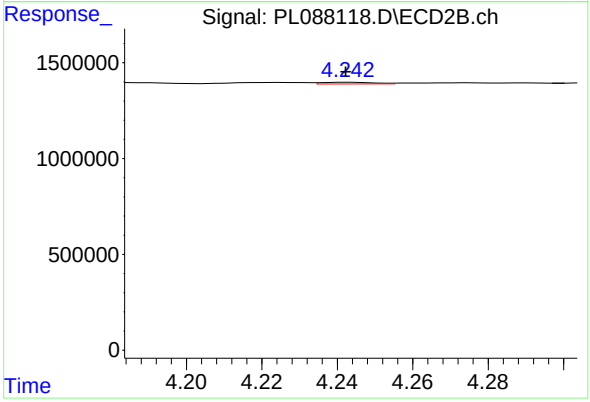
#6 beta-BHC

R.T.: 4.010 min
Delta R.T.: 0.003 min
Response: 9387059
Conc: 10.55 ng/ml



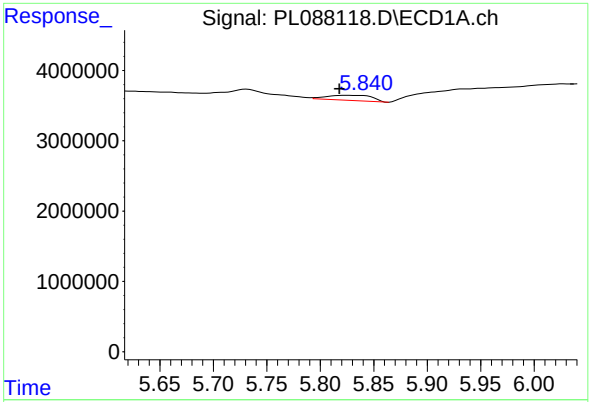
#7 delta-BHC

R.T.: 4.889 min
Delta R.T.: 0.002 min
Response: 3201478
Conc: 0.83 ng/ml



#7 delta-BHC

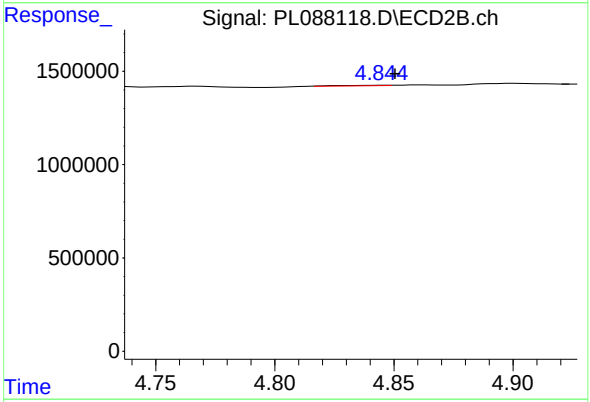
R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 82657
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

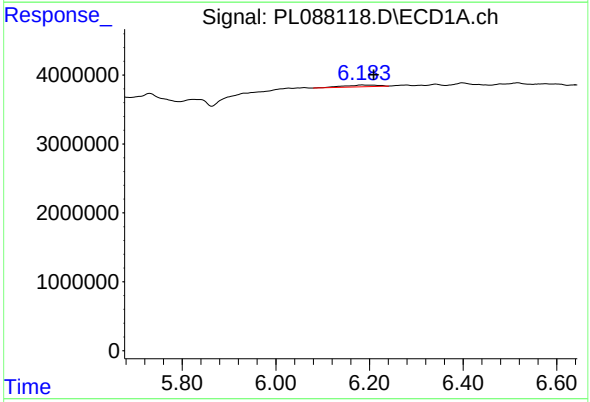
R.T.: 5.826 min
Delta R.T.: 0.009 min
Response: 2159699
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



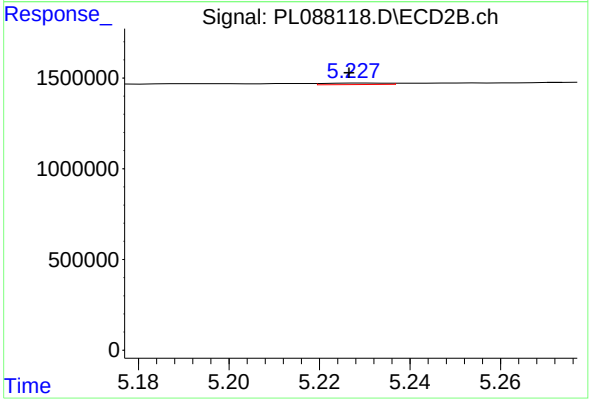
#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.005 min
Response: 38908
Conc: 0.02 ng/ml



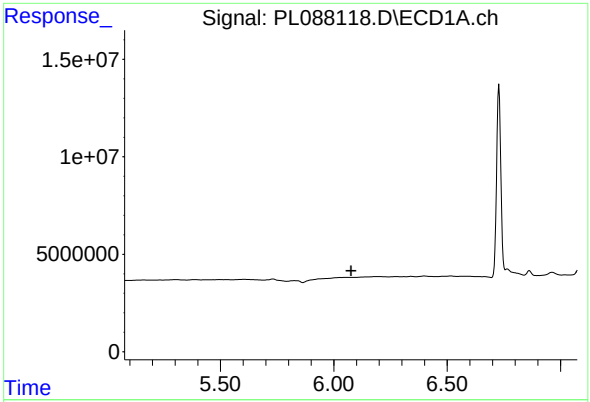
#9 Endosulfan I

R.T.: 6.184 min
Delta R.T.: -0.025 min
Response: 1340477
Conc: 0.43 ng/ml



#9 Endosulfan I

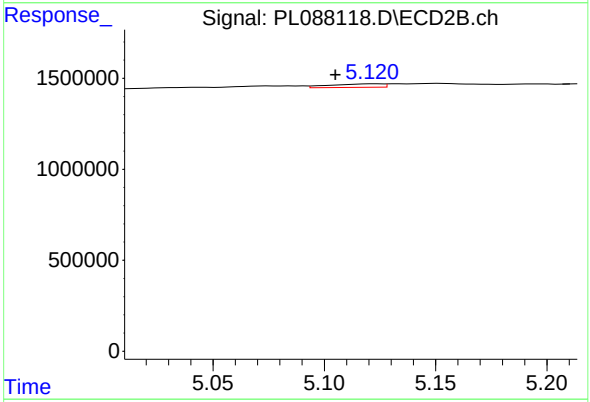
R.T.: 5.230 min
Delta R.T.: 0.004 min
Response: 74052
Conc: 0.05 ng/ml



#10 gamma-Chlordane

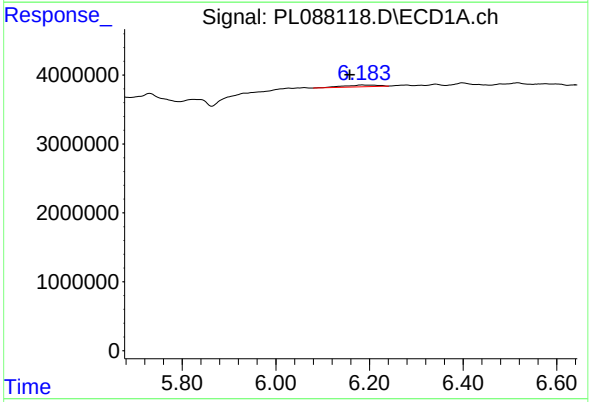
R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



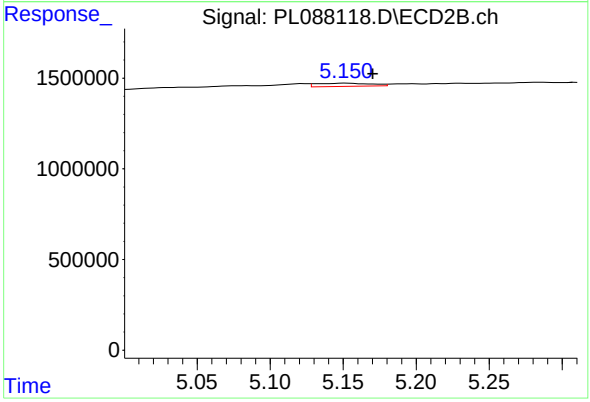
#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: 0.018 min
Response: 306099
Conc: 0.17 ng/ml



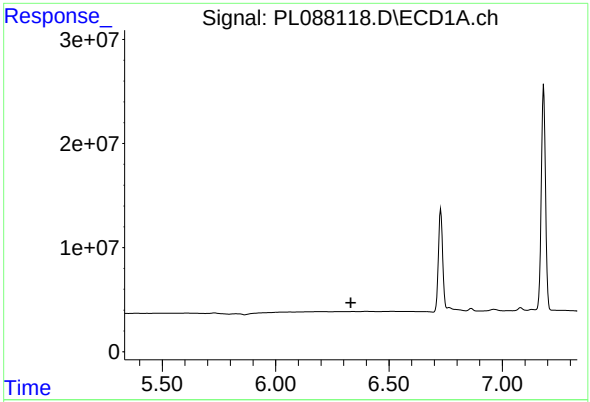
#11 alpha-Chlordane

R.T.: 6.184 min
Delta R.T.: 0.027 min
Response: 1340477
Conc: 0.39 ng/ml



#11 alpha-Chlordane

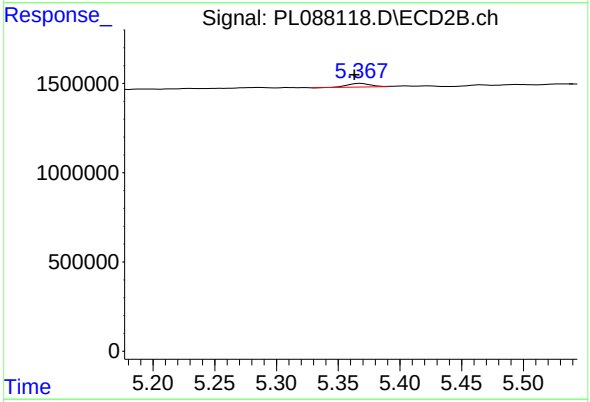
R.T.: 5.152 min
Delta R.T.: -0.018 min
Response: 452898
Conc: 0.25 ng/ml



#12 4,4'-DDE

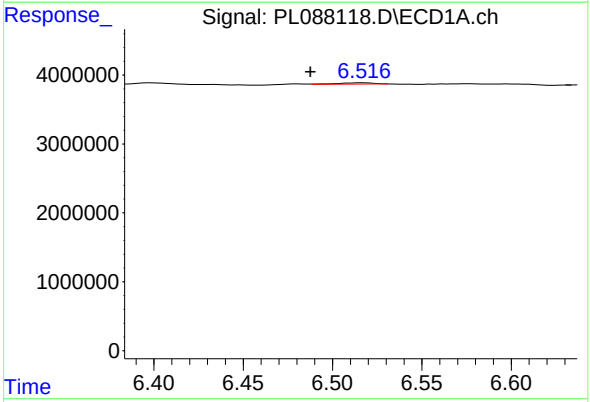
R.T.: 0.000 min
Exp R.T. : 6.332 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



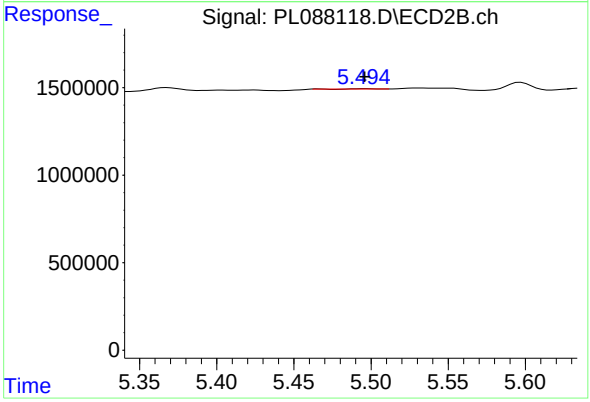
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.005 min
Response: 258059
Conc: 0.16 ng/ml



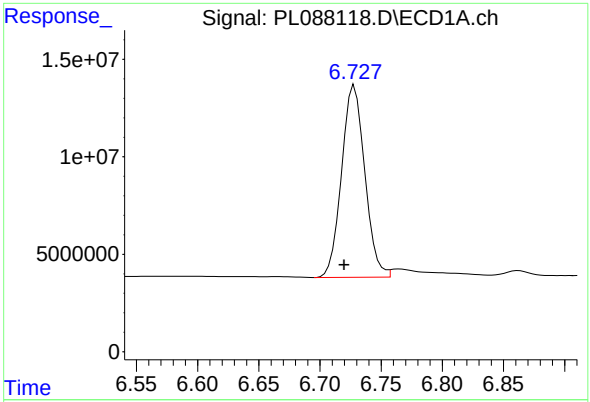
#13 Dieldrin

R.T.: 6.517 min
Delta R.T.: 0.030 min
Response: 278161
Conc: 0.08 ng/ml



#13 Dieldrin

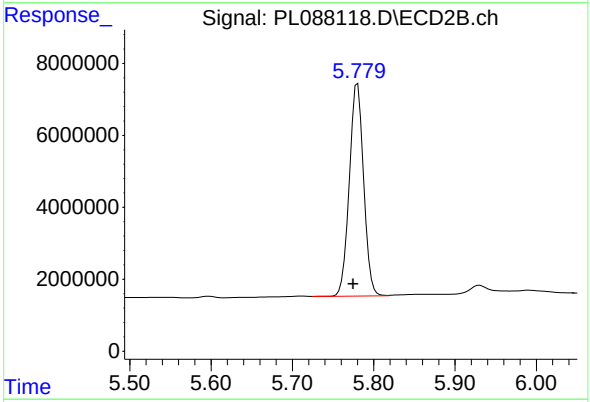
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 13637
Conc: 0.01 ng/ml



#14 Endrin

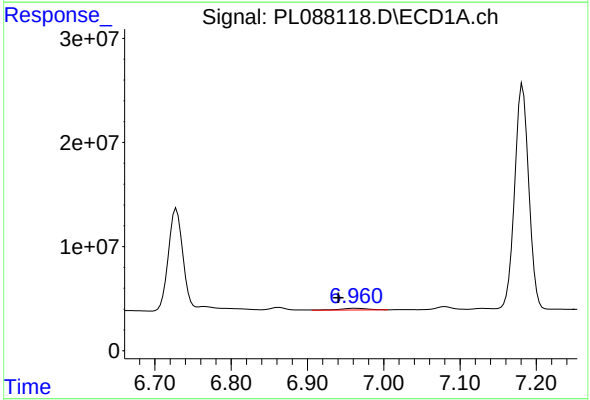
R.T.: 6.728 min
Delta R.T.: 0.008 min
Response: 130139649
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



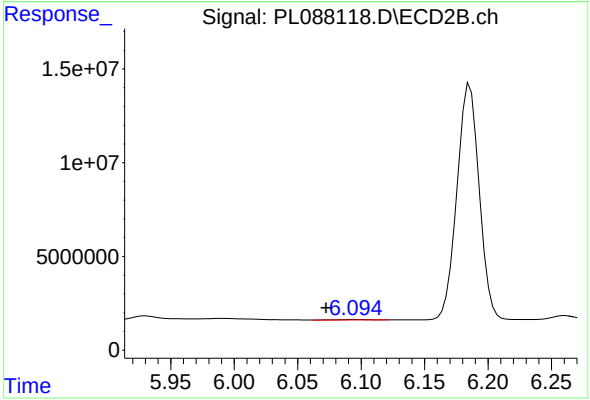
#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 71978324
Conc: 47.95 ng/ml



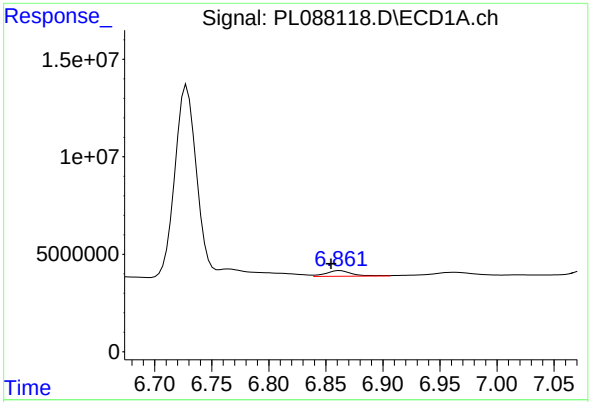
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: 0.022 min
Response: 4232579
Conc: 1.48 ng/ml



#15 Endosulfan II

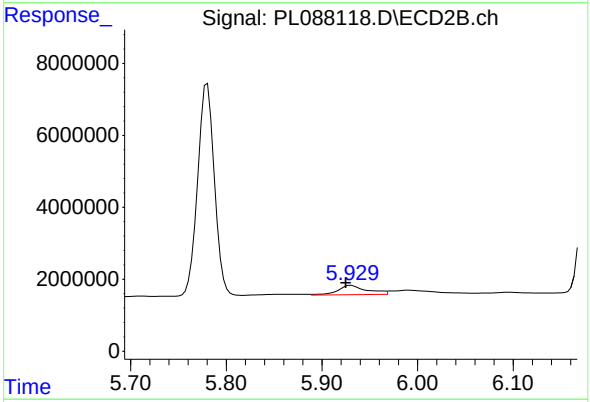
R.T.: 6.096 min
Delta R.T.: 0.024 min
Response: 571732
Conc: 0.38 ng/ml



#16 4,4'-DDD

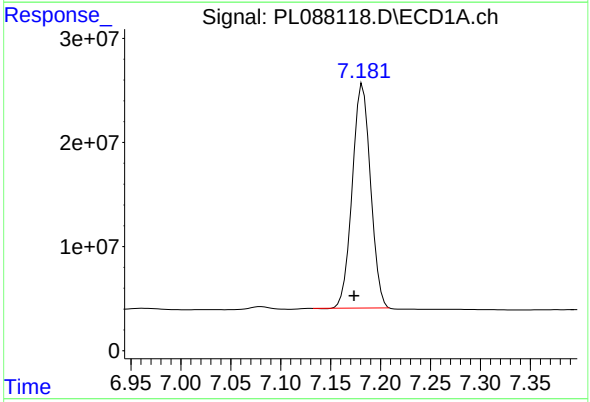
R.T.: 6.862 min
Delta R.T.: 0.008 min
Response: 4700033
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



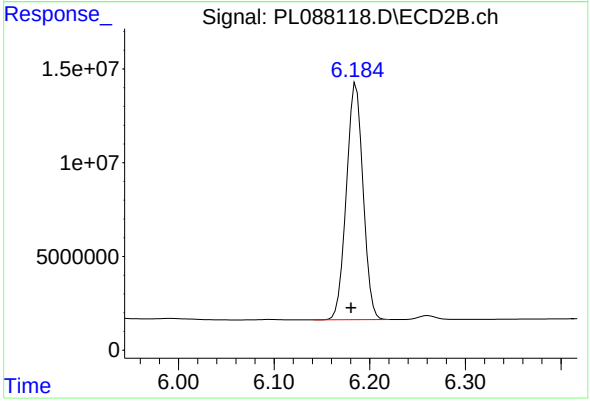
#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: 0.006 min
Response: 5533470
Conc: 4.05 ng/ml



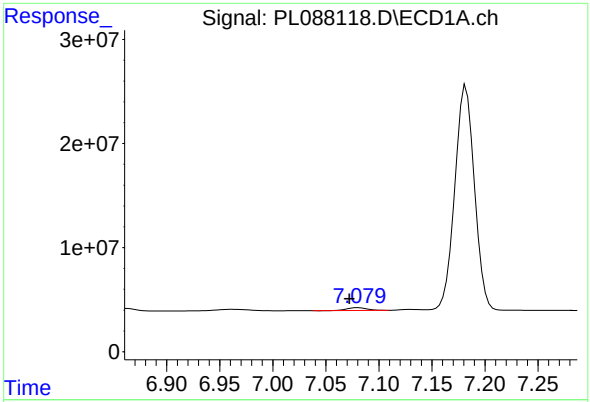
#17 4,4'-DDT

R.T.: 7.182 min
Delta R.T.: 0.009 min
Response: 273991748
Conc: 104.21 ng/ml



#17 4,4'-DDT

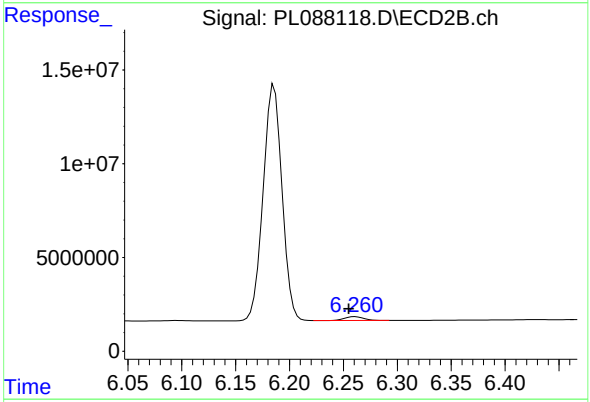
R.T.: 6.186 min
Delta R.T.: 0.005 min
Response: 153375175
Conc: 112.34 ng/ml



#18 Endrin aldehyde

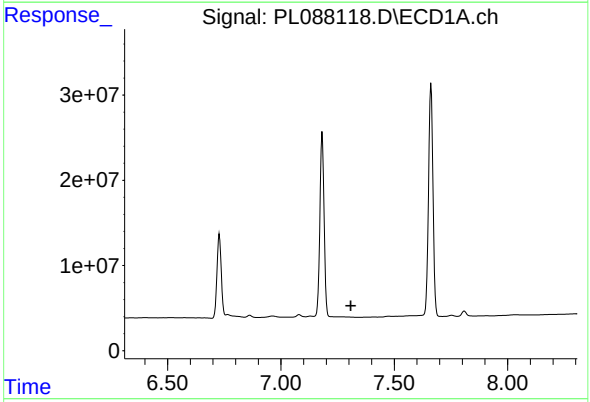
R.T.: 7.080 min
Delta R.T.: 0.008 min
Response: 3481153
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



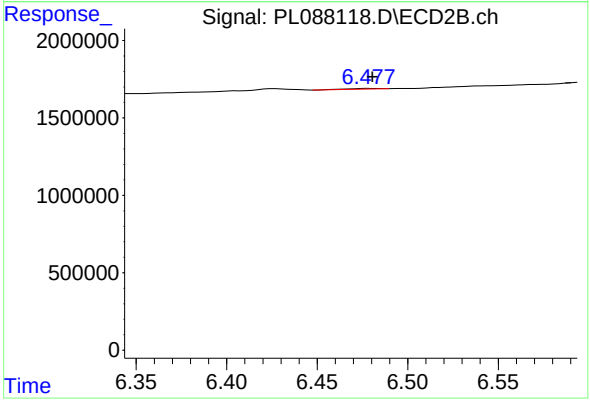
#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: 0.006 min
Response: 2491886
Conc: 2.28 ng/ml



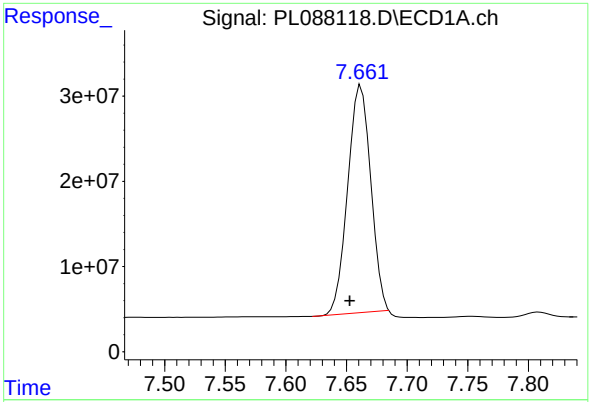
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

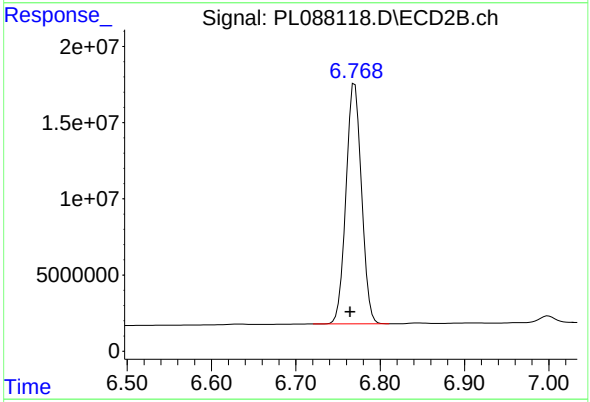
R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 47643
Conc: 0.03 ng/ml



#20 Methoxychlor

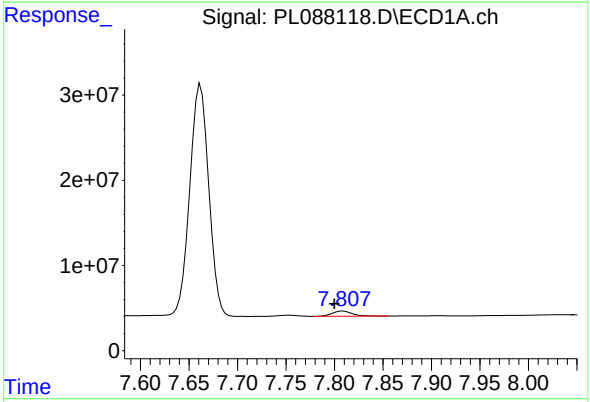
R.T.: 7.662 min
Delta R.T.: 0.009 min
Response: 353798137
Conc: 267.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



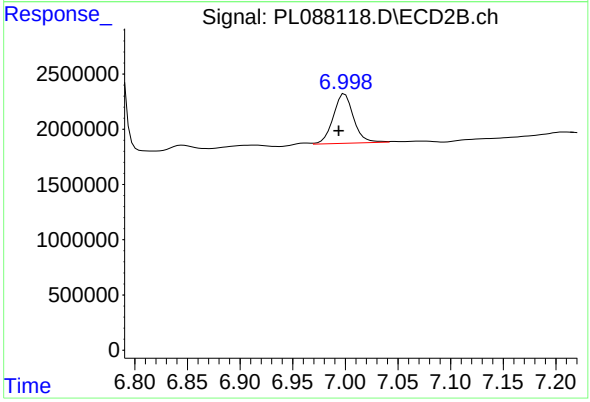
#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: 0.006 min
Response: 201927343
Conc: 257.64 ng/ml



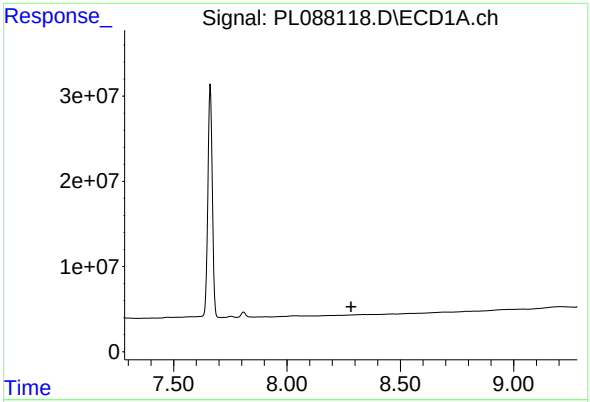
#21 Endrin ketone

R.T.: 7.809 min
Delta R.T.: 0.009 min
Response: 8713680
Conc: 3.11 ng/ml



#21 Endrin ketone

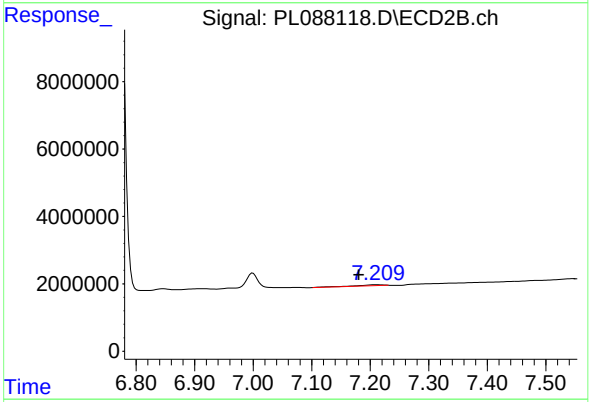
R.T.: 6.999 min
Delta R.T.: 0.006 min
Response: 6015986
Conc: 3.59 ng/ml



#22 Mirex

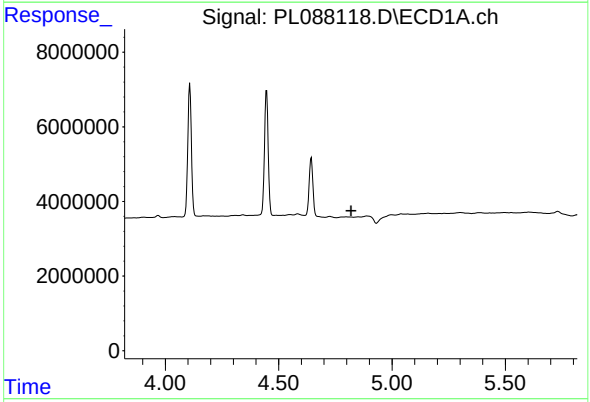
R.T.: 0.000 min
Exp R.T. : 8.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



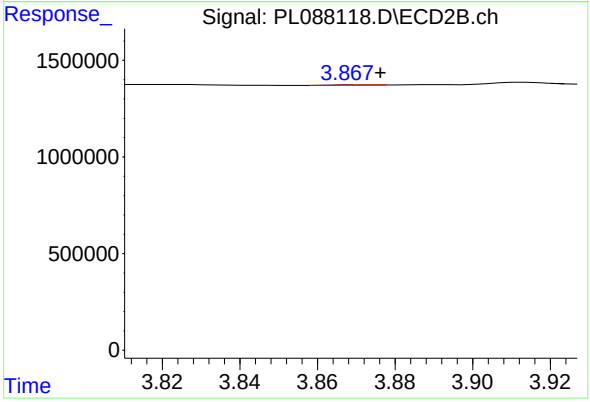
#22 Mirex

R.T.: 7.210 min
Delta R.T.: 0.029 min
Response: 1084568
Conc: 0.82 ng/ml



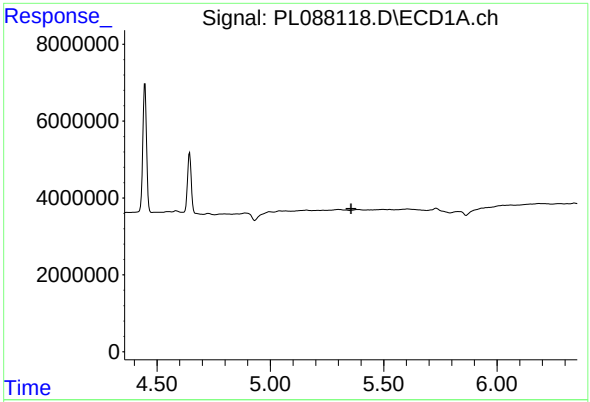
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



#23 Chlordane-1

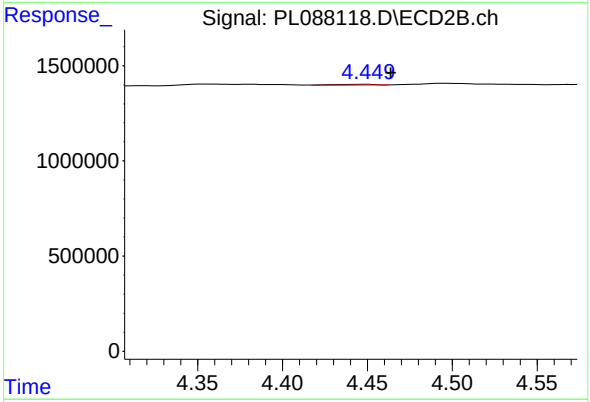
R.T.: 3.870 min
Delta R.T.: -0.006 min
Response: 10048
Conc: 0.20 ng/ml



#24 Chlordane-2

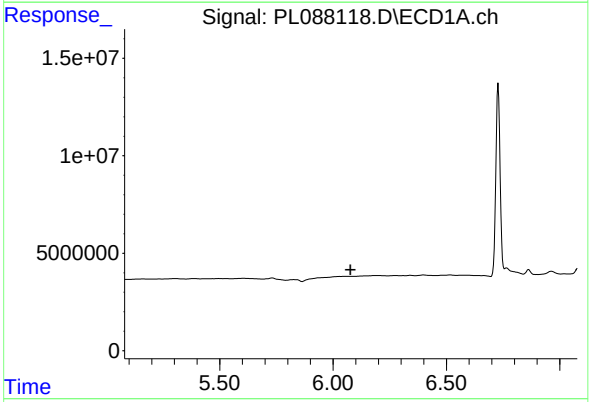
R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



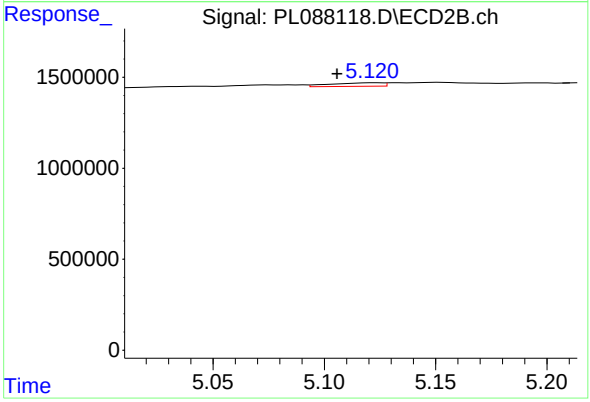
#24 Chlordane-2

R.T.: 4.450 min
Delta R.T.: -0.014 min
Response: 72070
Conc: 1.13 ng/ml



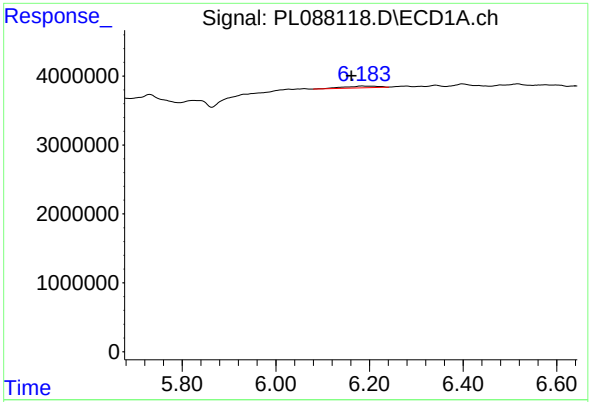
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 6.077 min
Response: 0
Conc: N.D.



#25 Chlordane-3

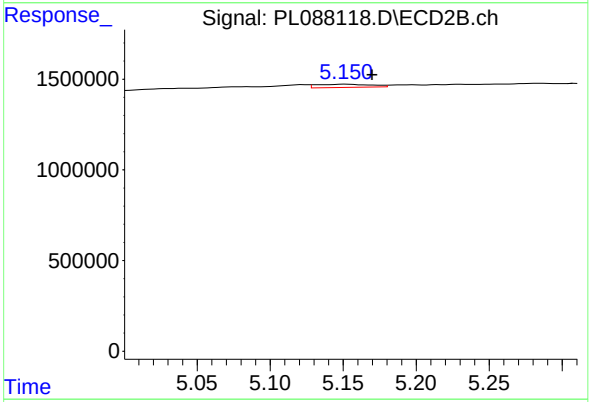
R.T.: 5.123 min
Delta R.T.: 0.017 min
Response: 306099
Conc: 1.64 ng/ml



#26 Chlordane-4

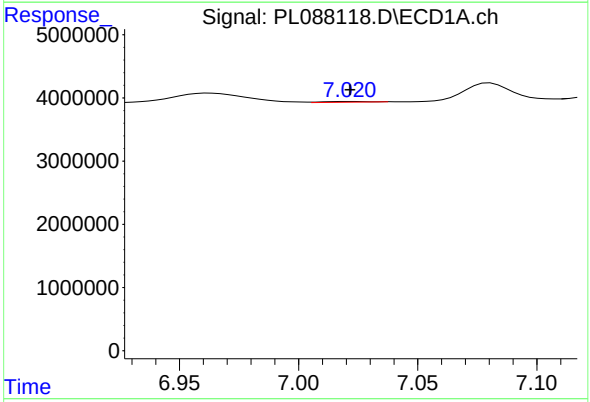
R.T.: 6.184 min
Delta R.T.: 0.023 min
Response: 1340477
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



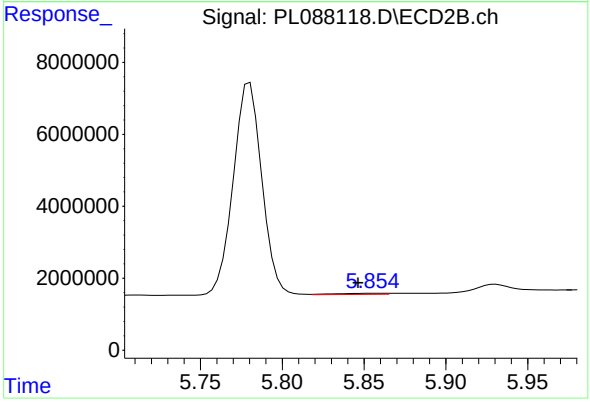
#26 Chlordane-4

R.T.: 5.152 min
Delta R.T.: -0.018 min
Response: 452898
Conc: 2.62 ng/ml



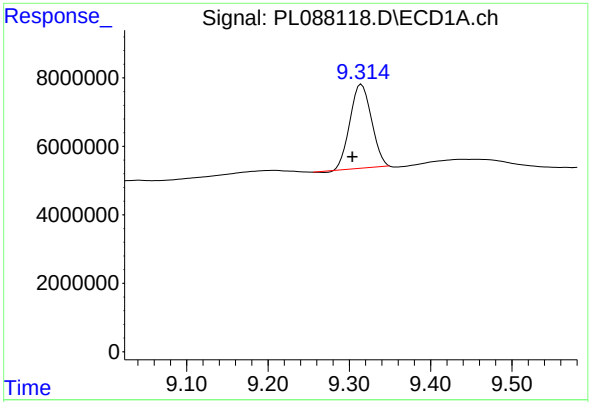
#27 Chlordane-5

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 189665
Conc: 1.87 ng/ml



#27 Chlordane-5

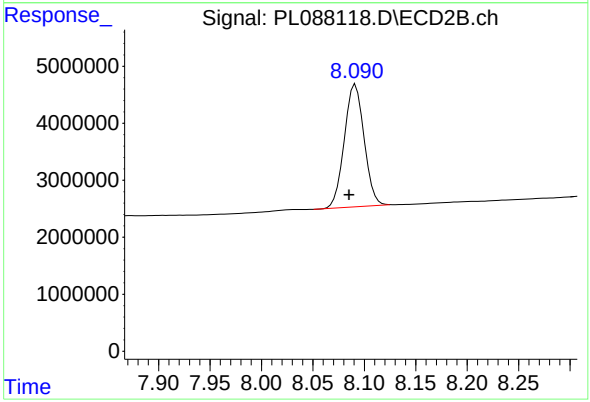
R.T.: 5.856 min
Delta R.T.: 0.009 min
Response: 662542
Conc: 12.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.315 min
Delta R.T.: 0.011 min
Response: 45076862
Conc: 23.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: 0.006 min
Response: 28865950
Conc: 22.67 ng/ml