Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040524\
Data File : PL088938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Apr 2024 10:06
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: Apr 06 04:23:29 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...	3.634	2.851	57423850	29813272	21.670	22.370	
28)	SA Decachlor...	9.305	8.079	51961596	36370369	21.021	26.823	#
	Target Compounds							
2)	A alpha-BHC	4.098	3.365	40457818	20839651	10.135	10.371	
3)	MA gamma-BHC...	4.437	3.702	39301207	19516157	10.134	10.169	
5)	MB Aldrin	0.000	4.344	0	781352	N.D.	0.432	#
6)	B beta-BHC	4.635	4.004	20280184	10143703	11.435	11.833	
7)	B delta-BHC	0.000	4.236	0	594244	N.D.	0.311	#
8)	B Heptachlo...	5.810	4.858	8617918	21689	2.509	0.013	#
9)	A Endosulfan I	6.202	0.000	663173	0	0.217	N.D.	#
10)	B gamma-Chl...	6.082	5.107	2588070	956063	0.777	0.577	#
11)	B alpha-Chl...	6.143	5.157	843053	245261	0.254	0.148	#
12)	B 4,4'-DDE	6.330	5.358	813035	385606	0.272	0.264	
13)	MA Dieldrin	6.509f	5.488	1302620	112758	0.402	0.069	#
14)	MA Endrin	6.718	5.770	132.4E6	76275409	48.437	52.916	
15)	B Endosulfa...	6.960f	6.083	7247848	1290582	2.531	0.898	#
16)	A 4,4'-DDD	6.853	5.920	13034393	4429354	5.118	3.557	#
17)	MA 4,4'-DDT	7.172	6.174	265.8E6	159.3E6	99.709	118.720	
18)	B Endrin al...	7.071	6.250	4618752	3470361	2.212	3.312	#
19)	B Endosulfa...	0.000	6.464	0	280208	N.D.	0.202	#
20)	A Methoxychlor	7.653	6.757	342.7E6	198.0E6	227.451	246.899	
21)	B Endrin ke...	7.799	6.987	10767961	7394338	3.642	4.480	
22)	Mirex	0.000	7.182	0	468381	N.D.	0.347	#
23)	Chlordane-1	0.000	3.879	0	24116	N.D.	0.497	#
24)	Chlordane-2	0.000	4.468	0	227330	N.D.	3.744	#
25)	Chlordane-3	6.082	5.107	2588070	956063	5.205	5.602	
26)	Chlordane-4	6.143	5.157	843053	245261	1.405	1.537	
27)	Chlordane-5	0.000	5.845	0	237929	N.D.	4.691	#

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

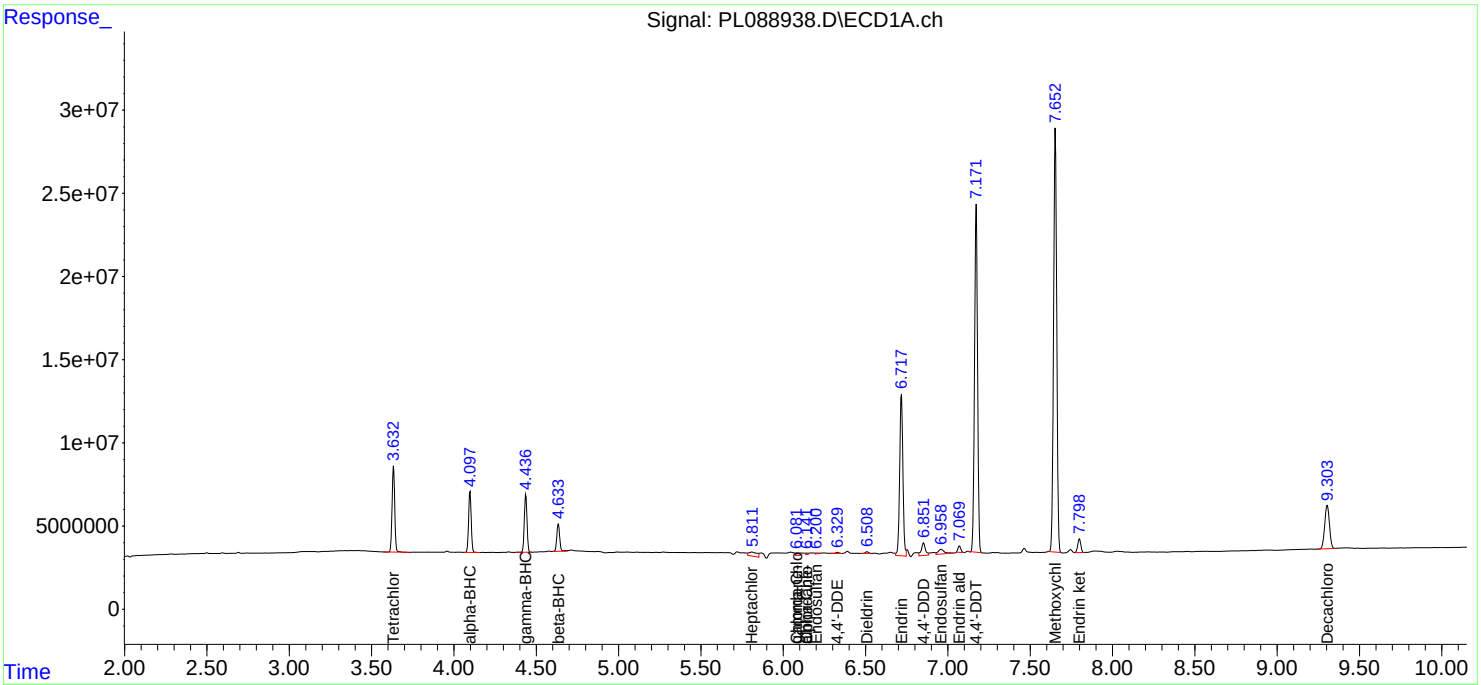
Quantitation Report (Not Reviewed)

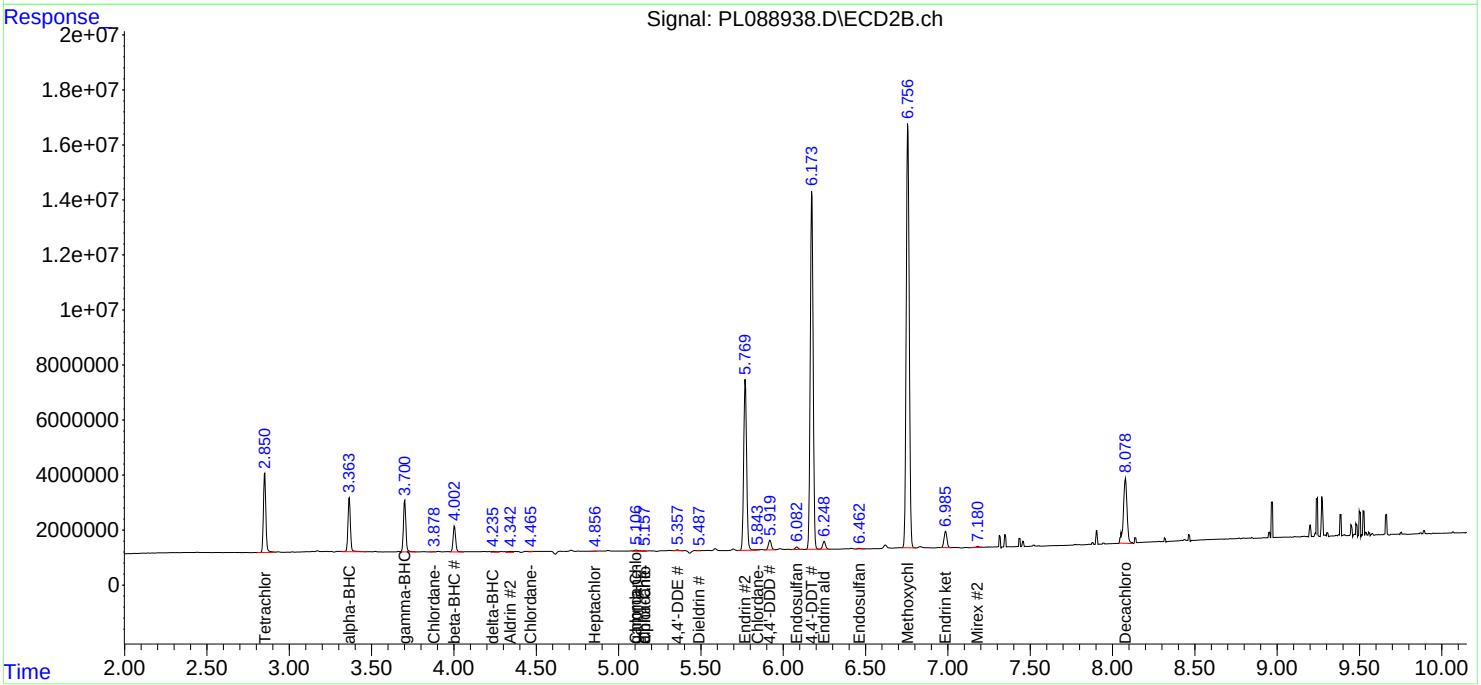
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040524\
Data File : PL088938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Apr 2024 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

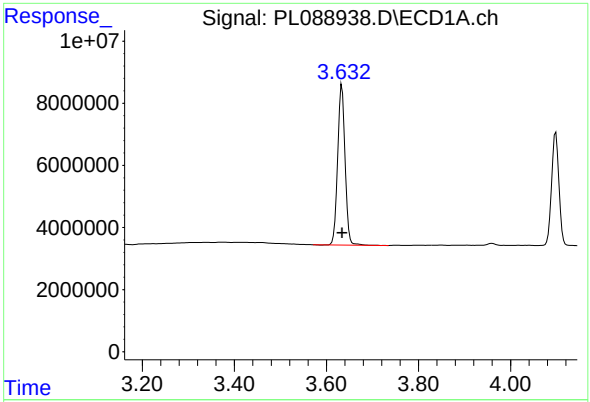
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 04:23:29 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



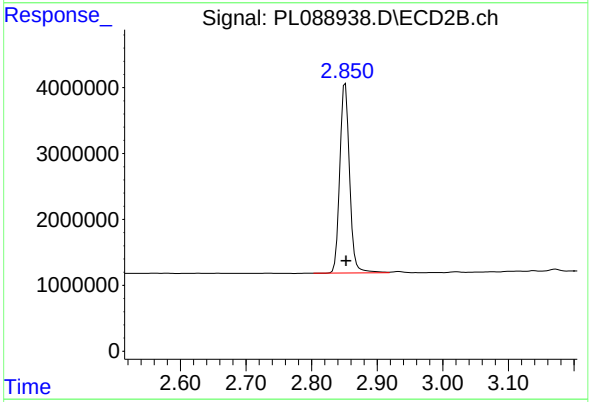




#1 Tetrachloro-m-xylene

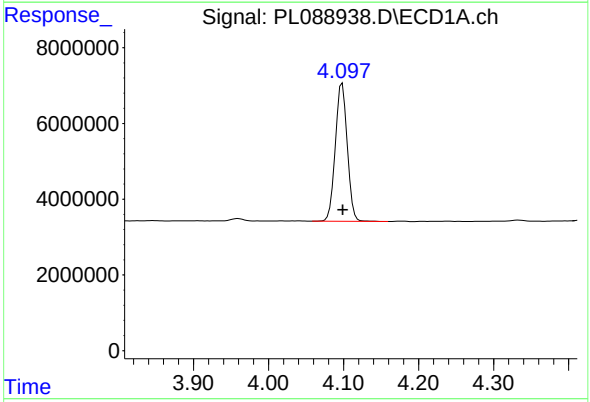
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 57423850
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



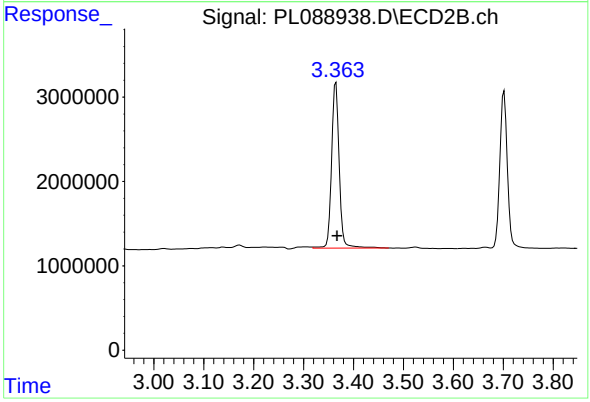
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: 0.000 min
Response: 29813272
Conc: 22.37 ng/ml



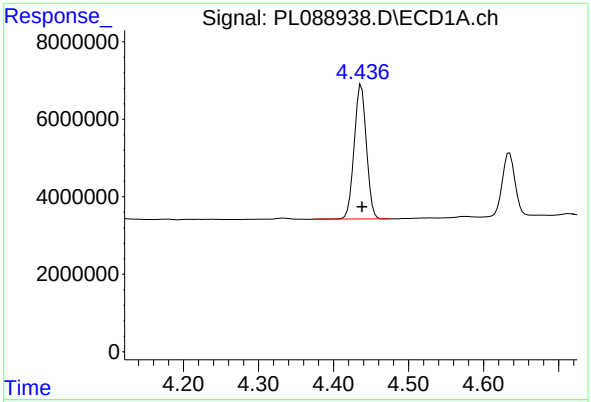
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40457818
Conc: 10.14 ng/ml



#2 alpha-BHC

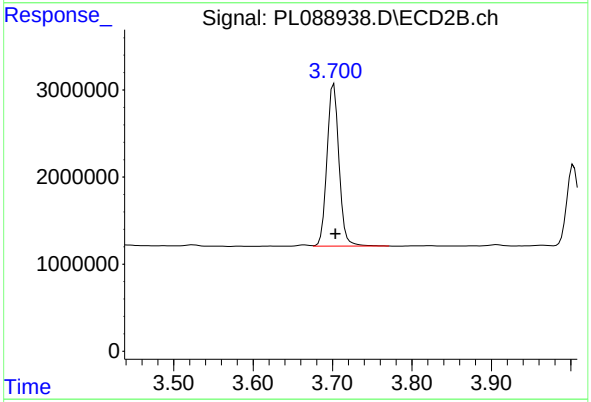
R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 20839651
Conc: 10.37 ng/ml



#3 gamma-BHC (Lindane)

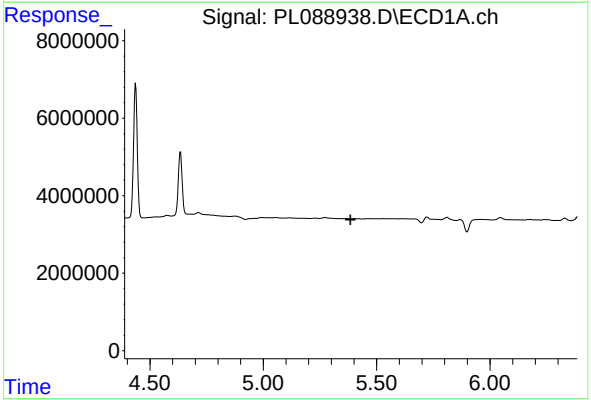
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39301207
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



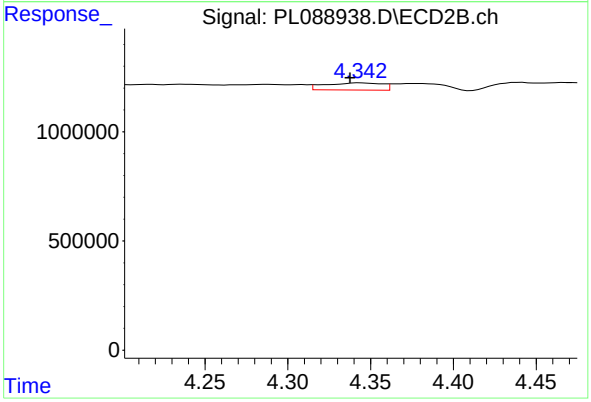
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 19516157
Conc: 10.17 ng/ml



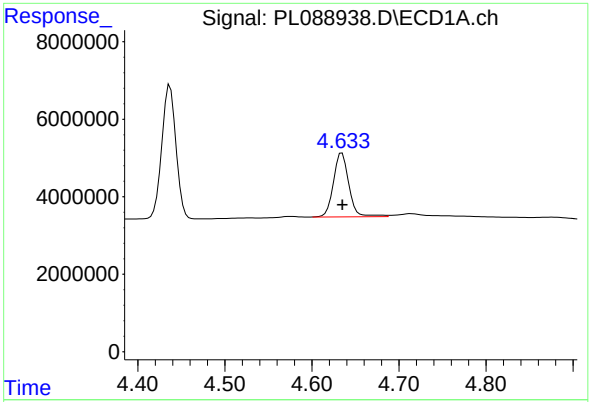
#5 Aldrin

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



#5 Aldrin

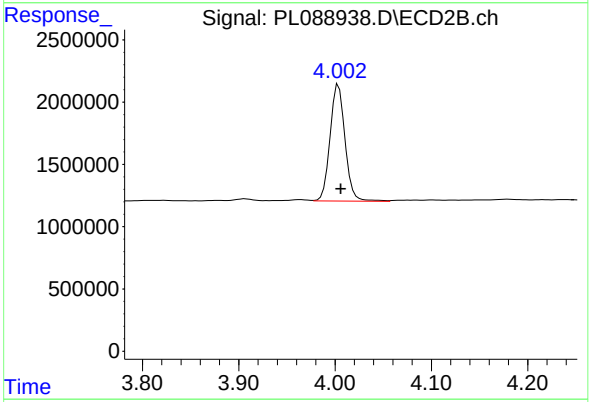
R.T.: 4.344 min
Delta R.T.: 0.006 min
Response: 781352
Conc: 0.43 ng/ml



#6 beta-BHC

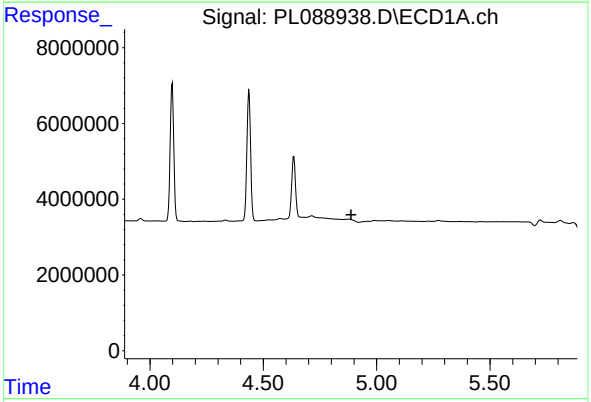
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20280184
Conc: 11.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



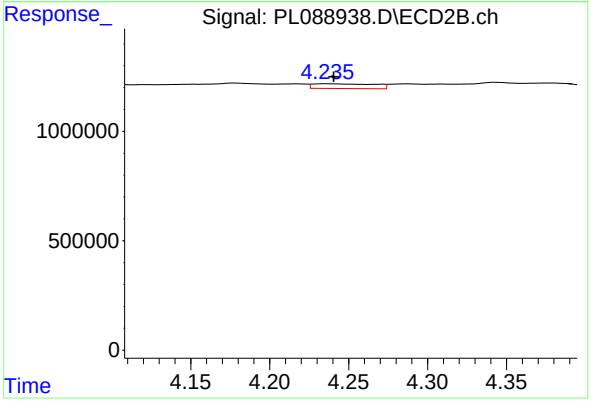
#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 10143703
Conc: 11.83 ng/ml



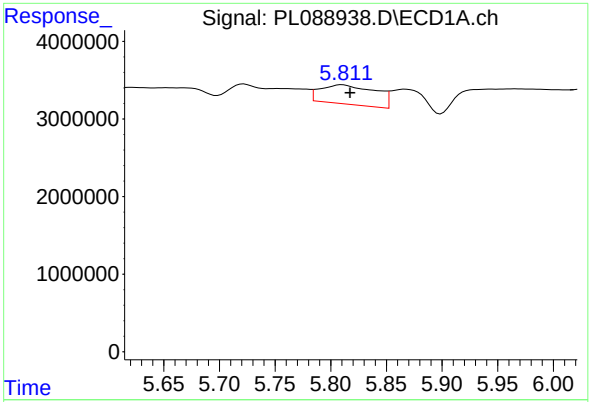
#7 delta-BHC

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



#7 delta-BHC

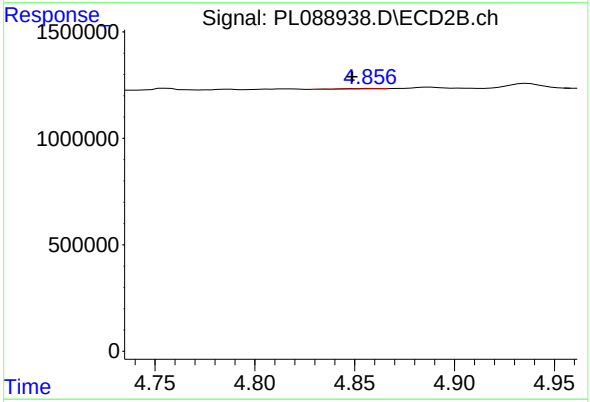
R.T.: 4.236 min
Delta R.T.: -0.005 min
Response: 594244
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

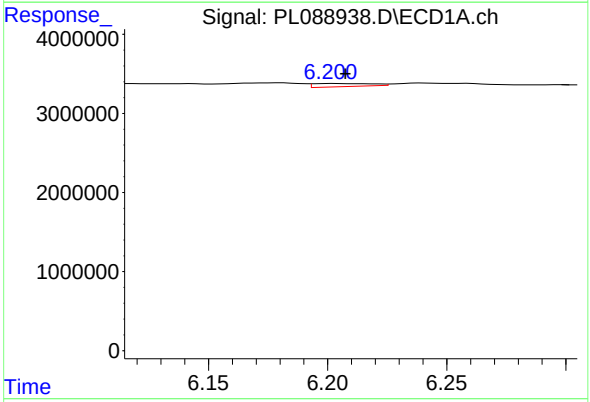
R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 8617918
Conc: 2.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



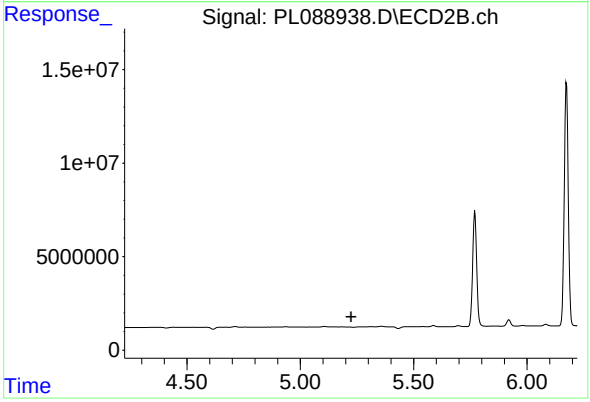
#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.009 min
Response: 21689
Conc: 0.01 ng/ml



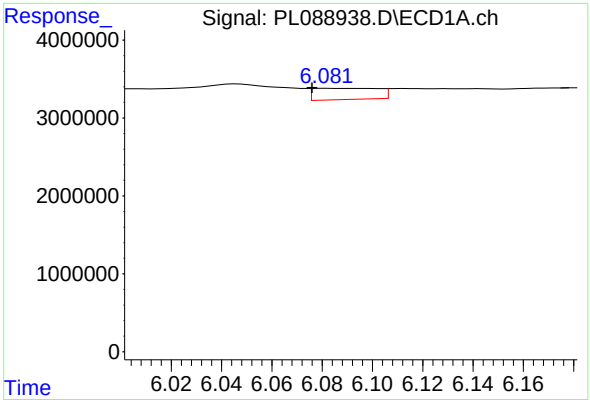
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.006 min
Response: 663173
Conc: 0.22 ng/ml



#9 Endosulfan I

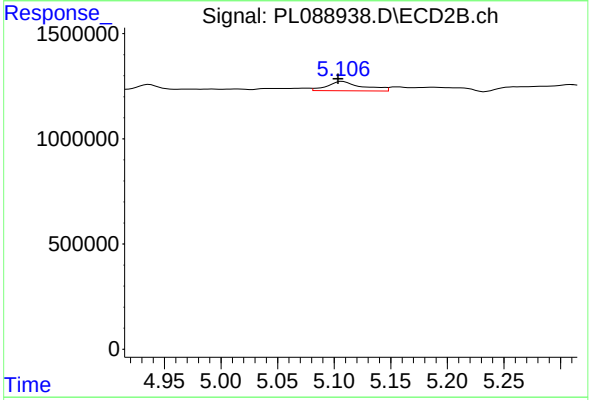
R.T.: 0.000 min
Exp R.T. : 5.224 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

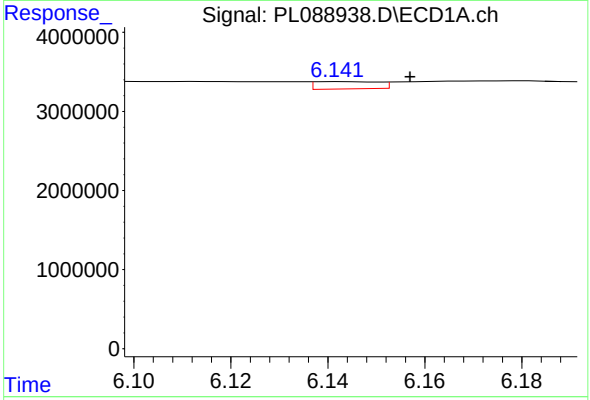
R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 2588070
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



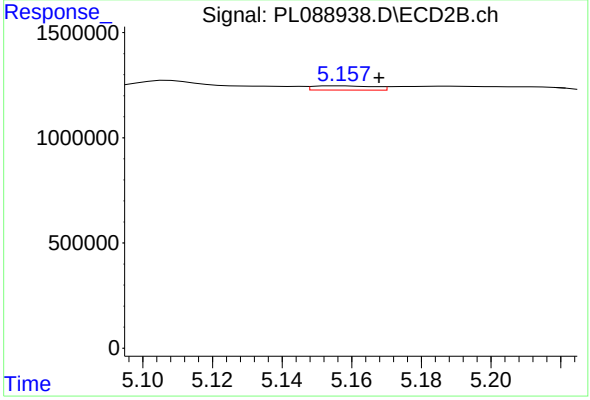
#10 gamma-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.004 min
Response: 956063
Conc: 0.58 ng/ml



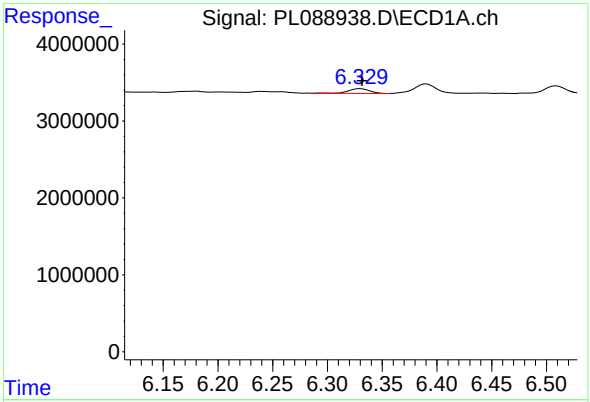
#11 alpha-Chlordane

R.T.: 6.143 min
Delta R.T.: -0.014 min
Response: 843053
Conc: 0.25 ng/ml



#11 alpha-Chlordane

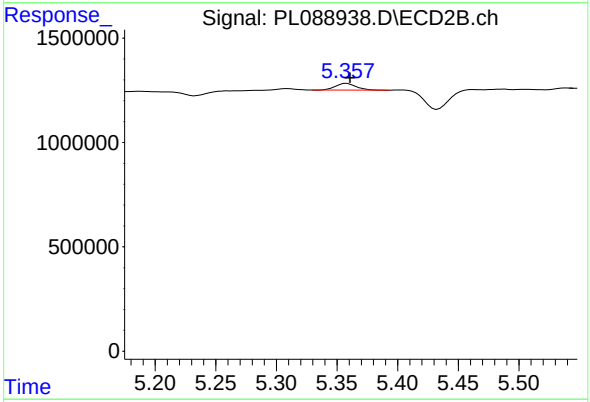
R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 245261
Conc: 0.15 ng/ml



#12 4,4'-DDE

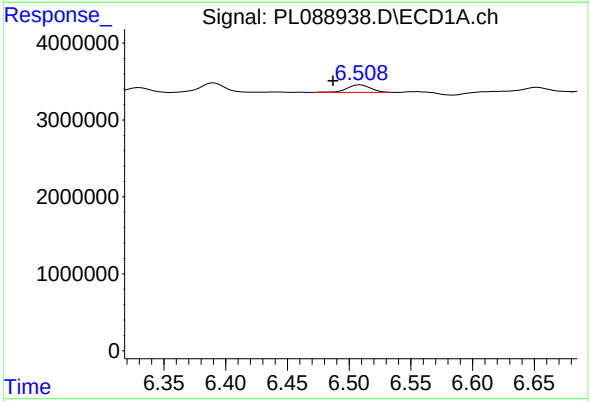
R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 813035
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



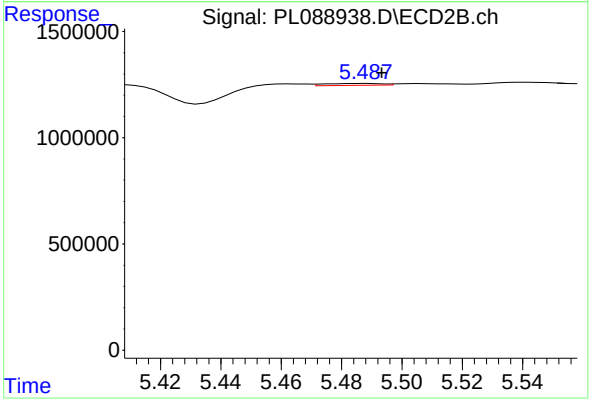
#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 385606
Conc: 0.26 ng/ml



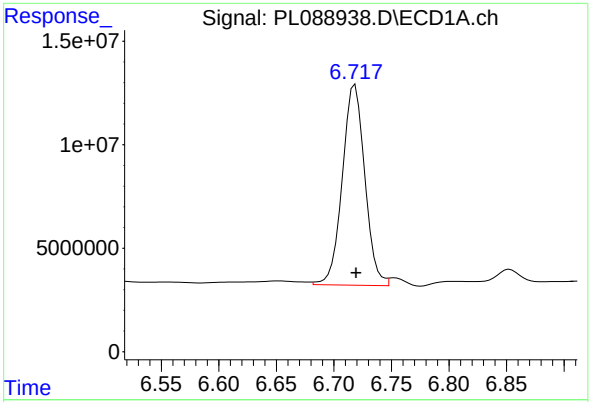
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.022 min
Response: 1302620
Conc: 0.40 ng/ml



#13 Dieldrin

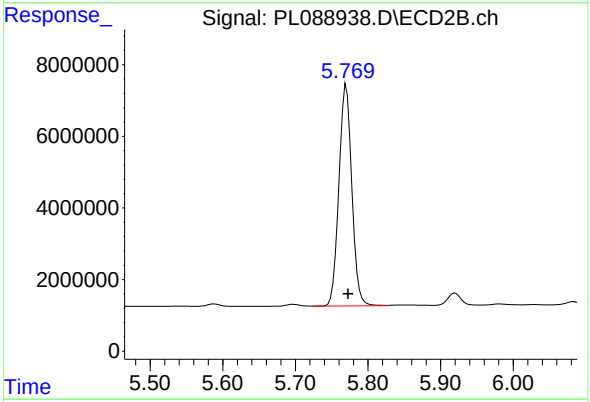
R.T.: 5.488 min
Delta R.T.: -0.005 min
Response: 112758
Conc: 0.07 ng/ml



#14 Endrin

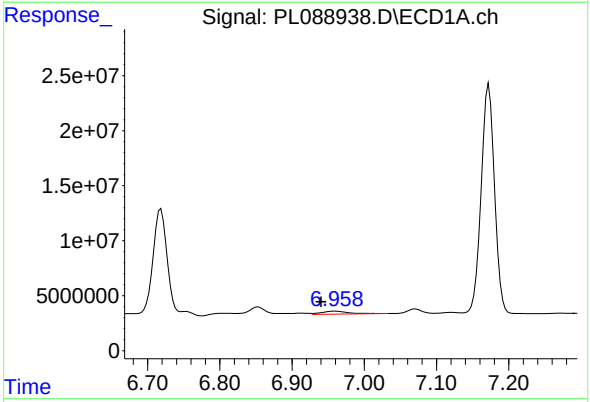
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 132412468
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



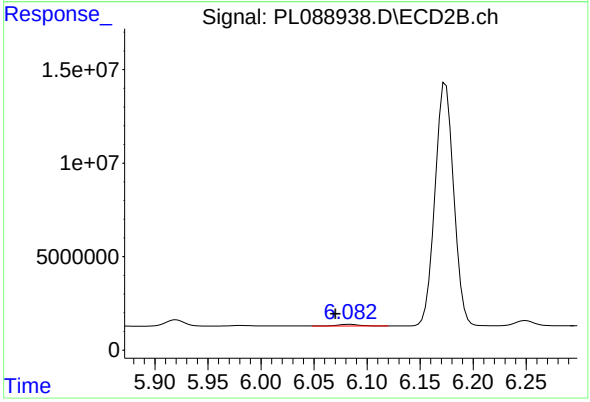
#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 76275409
Conc: 52.92 ng/ml



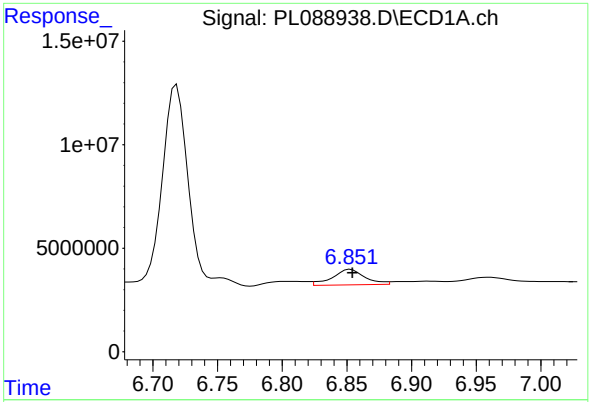
#15 Endosulfan II

R.T.: 6.960 min
Delta R.T.: 0.020 min
Response: 7247848
Conc: 2.53 ng/ml



#15 Endosulfan II

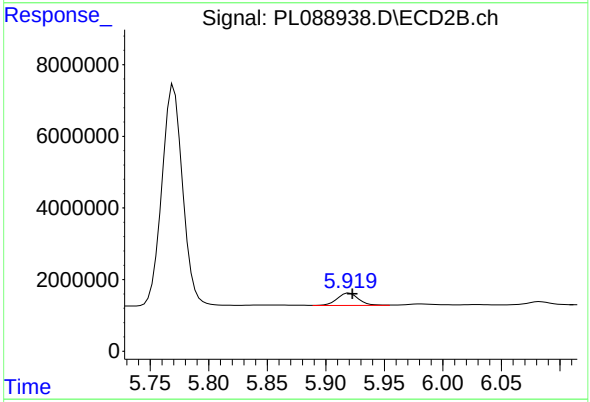
R.T.: 6.083 min
Delta R.T.: 0.013 min
Response: 1290582
Conc: 0.90 ng/ml



#16 4,4'-DDD

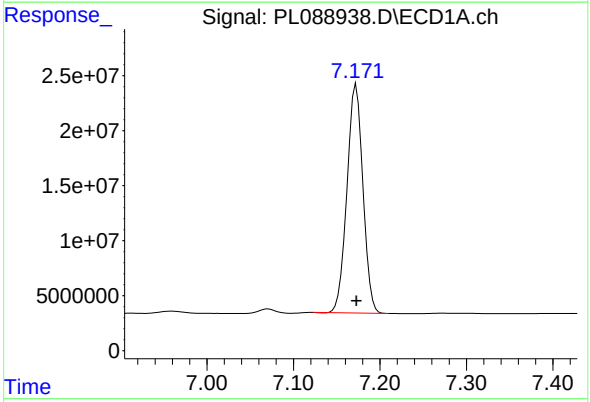
R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 13034393
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



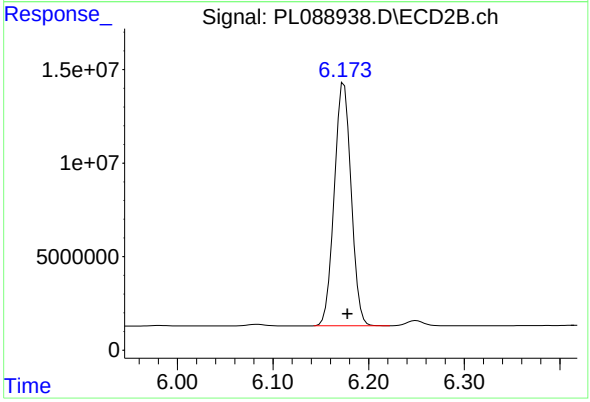
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 4429354
Conc: 3.56 ng/ml



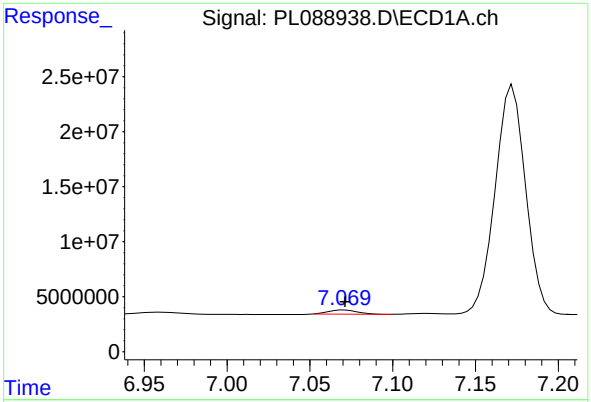
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 265773351
Conc: 99.71 ng/ml



#17 4,4'-DDT

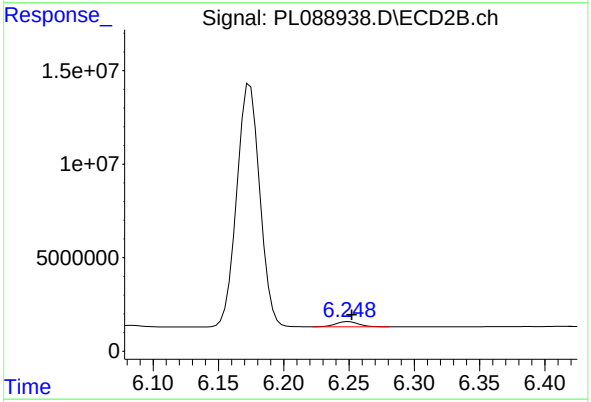
R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 159345759
Conc: 118.72 ng/ml



#18 Endrin aldehyde

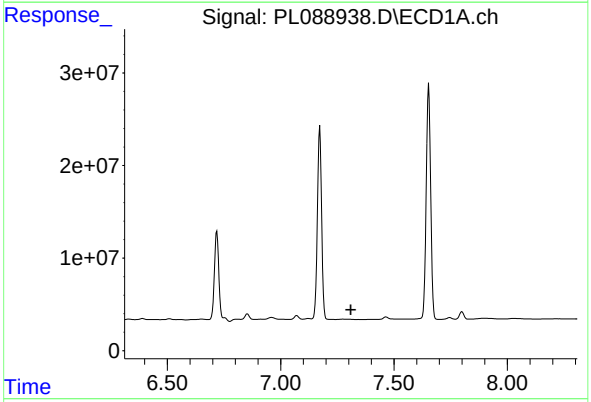
R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 4618752
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



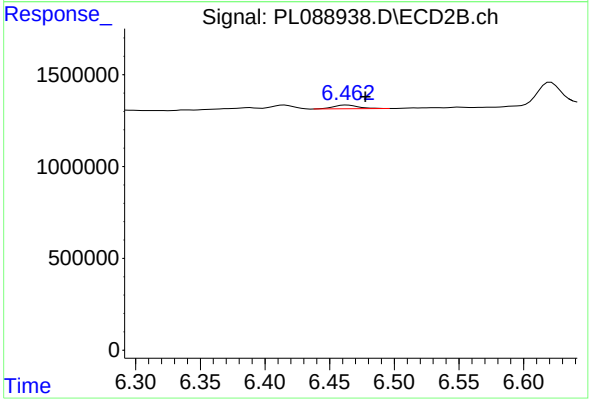
#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 3470361
Conc: 3.31 ng/ml



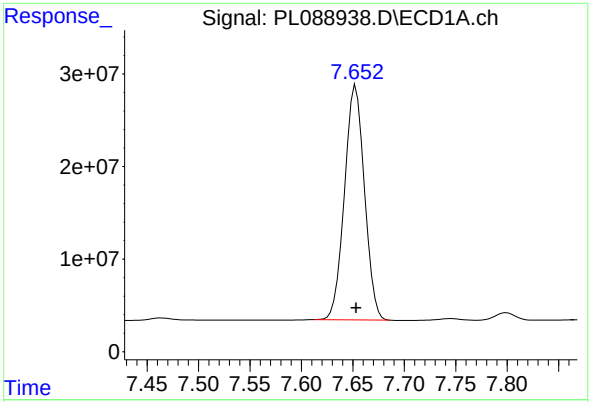
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

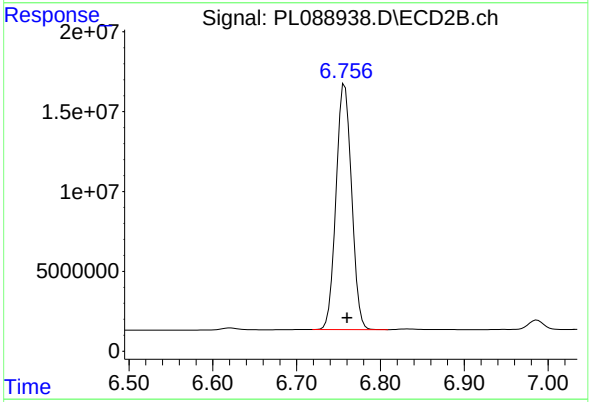
R.T.: 6.464 min
Delta R.T.: -0.014 min
Response: 280208
Conc: 0.20 ng/ml



#20 Methoxychlor

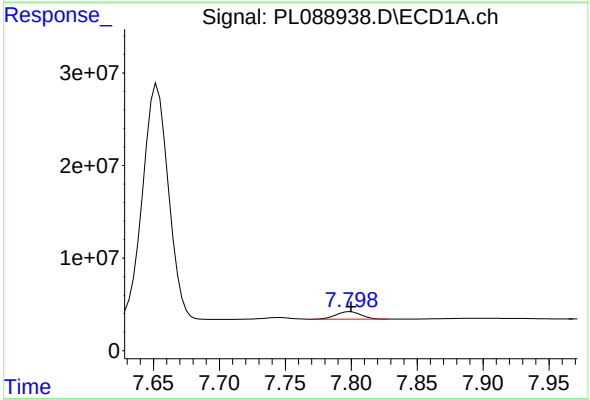
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 342658111
Conc: 227.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



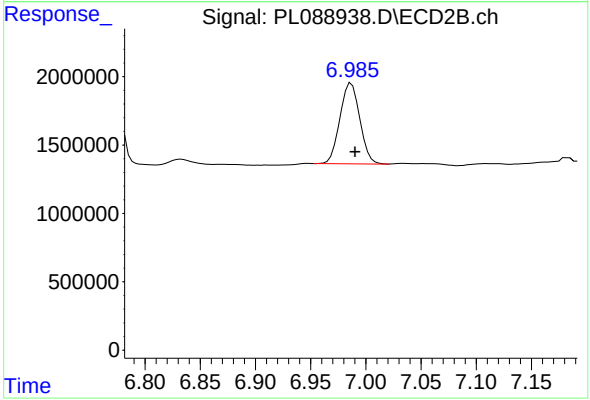
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 198030742
Conc: 246.90 ng/ml



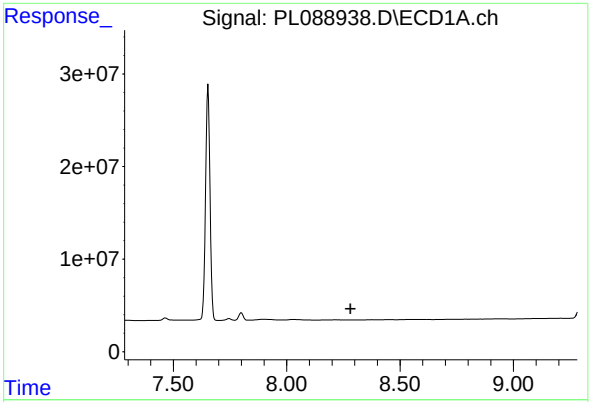
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 10767961
Conc: 3.64 ng/ml



#21 Endrin ketone

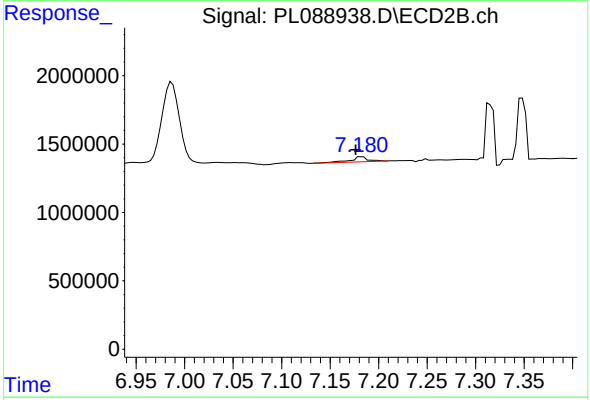
R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 7394338
Conc: 4.48 ng/ml



#22 Mirex

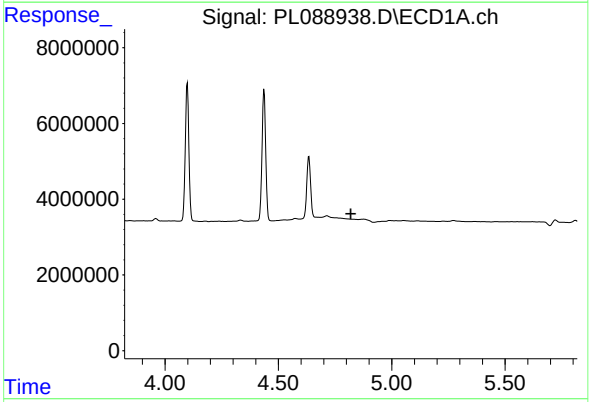
R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



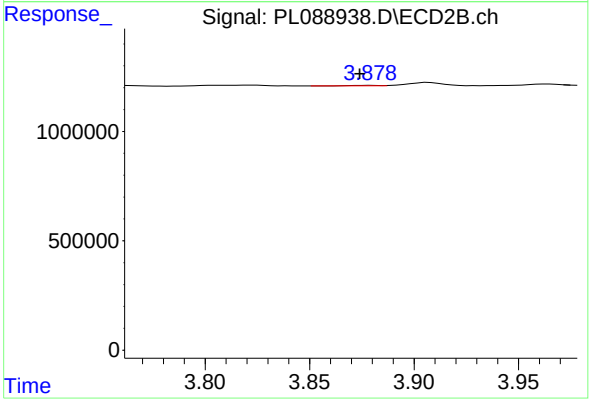
#22 Mirex

R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 468381
Conc: 0.35 ng/ml



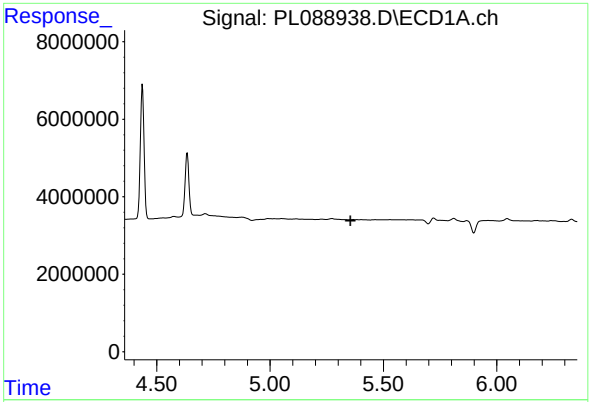
#23 Chlordane-1

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



#23 Chlordane-1

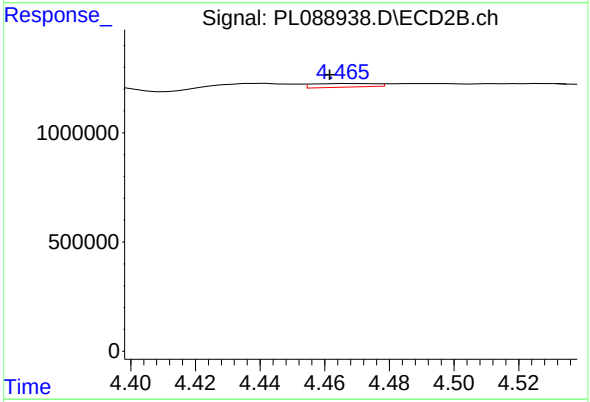
R.T.: 3.879 min
Delta R.T.: 0.005 min
Response: 24116
Conc: 0.50 ng/ml



#24 Chlordane-2

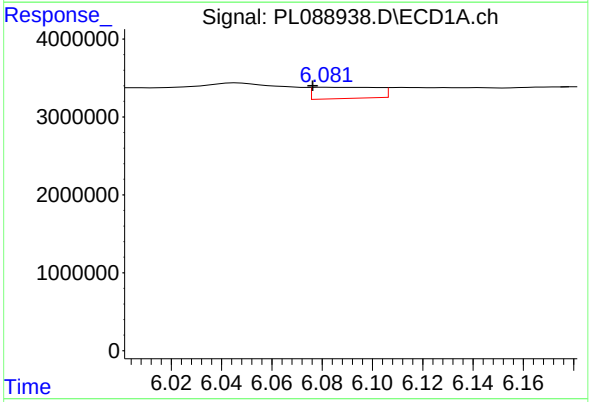
R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



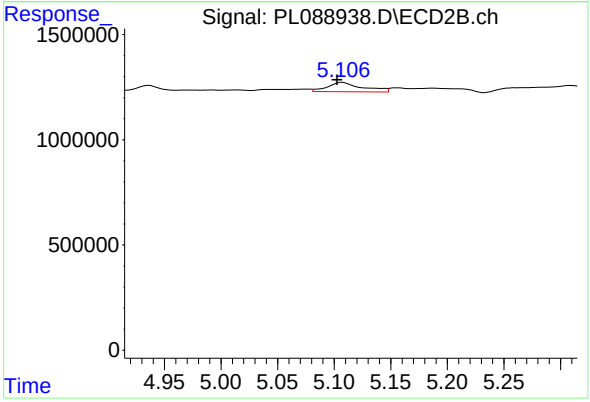
#24 Chlordane-2

R.T.: 4.468 min
Delta R.T.: 0.006 min
Response: 227330
Conc: 3.74 ng/ml



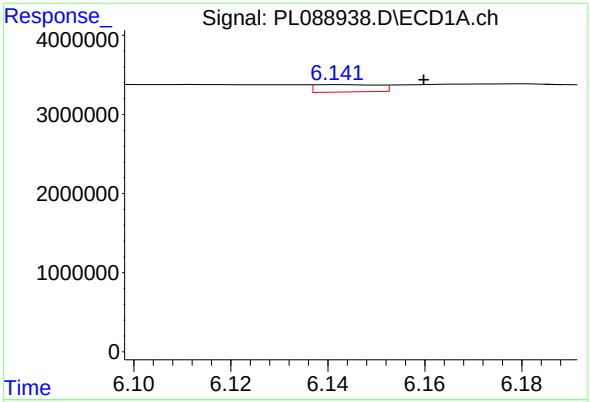
#25 Chlordane-3

R.T.: 6.082 min
Delta R.T.: 0.006 min
Response: 2588070
Conc: 5.20 ng/ml



#25 Chlordane-3

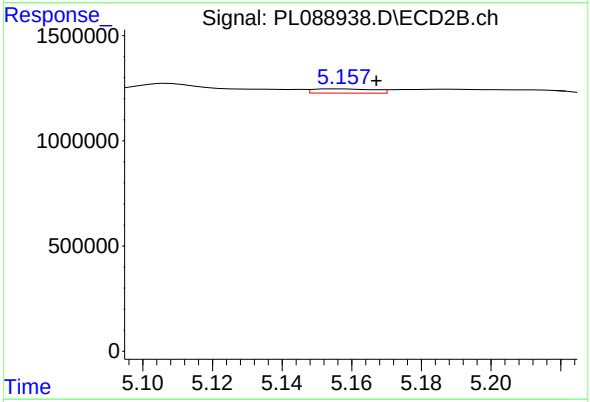
R.T.: 5.107 min
Delta R.T.: 0.005 min
Response: 956063
Conc: 5.60 ng/ml



#26 Chlordane-4

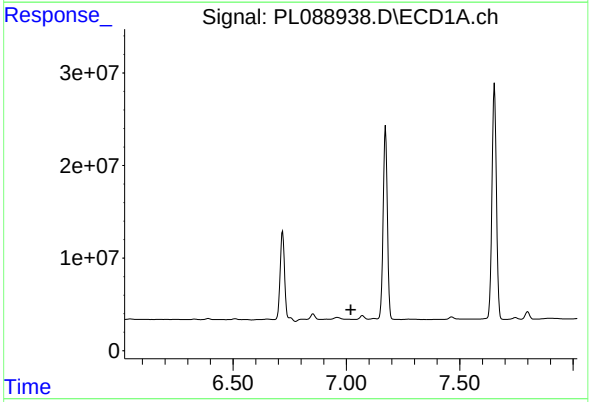
R.T.: 6.143 min
Delta R.T.: -0.017 min
Response: 843053
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



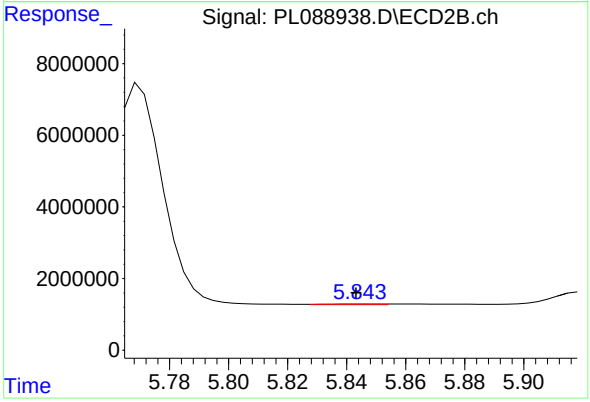
#26 Chlordane-4

R.T.: 5.157 min
Delta R.T.: -0.010 min
Response: 245261
Conc: 1.54 ng/ml



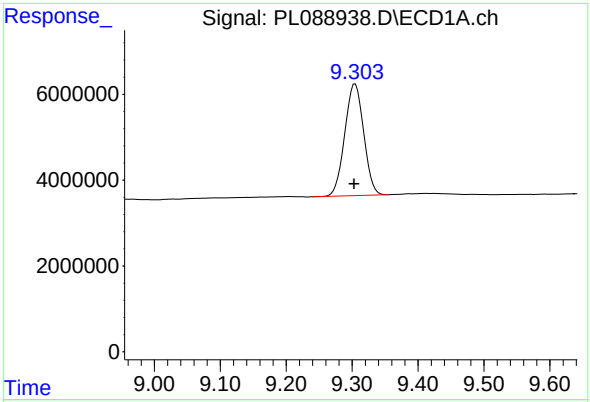
#27 Chlordane-5

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



#27 Chlordane-5

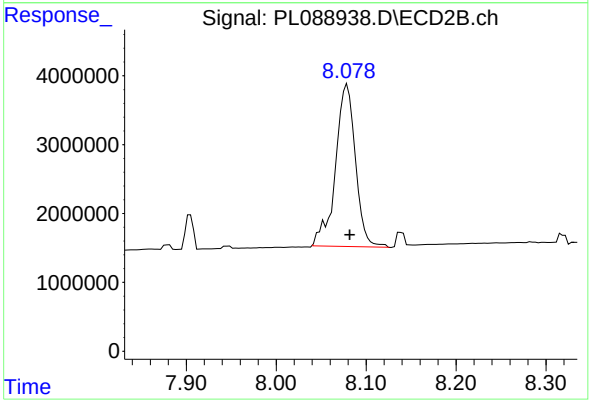
R.T.: 5.845 min
Delta R.T.: 0.002 min
Response: 237929
Conc: 4.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.002 min
Response: 51961596
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.003 min
Response: 36370369
Conc: 26.82 ng/ml