Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040324\
Data File : PL088892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2024 09:57
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 03 12:34:12 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...	3.643	2.852	55007427	30039230	20.758	22.539	
28)	SA Decachlor...	9.317	8.084	49859222	33088742	20.170	24.403	
	Target Compounds							
2)	A alpha-BHC	4.109	3.366	38645580	20219288	9.681	10.062	
3)	MA gamma-BHC...	4.447	3.704	37563368	19456898	9.686	10.138	
4)	MA Heptachlor	0.000	4.077f	0	139454	N.D.	0.077	#
5)	MB Aldrin	0.000	4.348	0	711993	N.D.	0.394	#
6)	B beta-BHC	4.645	4.005	18146853	14408530	10.233	16.808	#
7)	B delta-BHC	0.000	4.240	0	763627	N.D.	0.399	#
8)	B Heptachlo...	5.822	4.856	8136797	142841	2.369	0.087	#
9)	A Endosulfan I	6.189f	5.222	2086054	151089	0.683	0.101	#
10)	B gamma-Chl...	6.056f	5.111	7455544	970876	2.238	0.586	#
11)	B alpha-Chl...	6.157	5.176	773829	489234	0.233	0.295	#
12)	B 4,4'-DDE	6.340	5.363	517656	254388	0.173	0.174	
13)	MA Dieldrin	0.000	5.494	0	168378	N.D.	0.104	#
14)	MA Endrin	6.729	5.774	131.8E6	78167266	48.231	54.229	
15)	B Endosulfa...	6.922f	6.088f	2822549	943440	0.985	0.656	#
16)	A 4,4'-DDD	6.863	5.924	14348639	3374794	5.634	2.710	#
17)	MA 4,4'-DDT	7.183	6.179	269.3E6	165.8E6	101.032	123.524	
18)	B Endrin al...	7.080	6.254	4595495	3235399	2.201	3.087	#
19)	B Endosulfa...	0.000	6.469	0	231110	N.D.	0.167	#
20)	A Methoxychlor	7.662	6.763	336.8E6	209.4E6	223.539	261.107	
21)	B Endrin ke...	7.808	6.992	9087906	6287739	3.074	3.809	
22)	Mirex	0.000	7.199f	0	489483	N.D.	0.363	#
23)	Chlordane-1	0.000	3.881	0	43799	N.D.	0.902	#
24)	Chlordane-2	0.000	4.457	0	504112	N.D.	8.303	#
25)	Chlordane-3	6.056f	5.111	7455544	970876	14.994	5.689	#
26)	Chlordane-4	6.157	5.176	773829	489234	1.290	3.067	#
27)	Chlordane-5	0.000	5.848	0	336291	N.D.	6.631	#

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

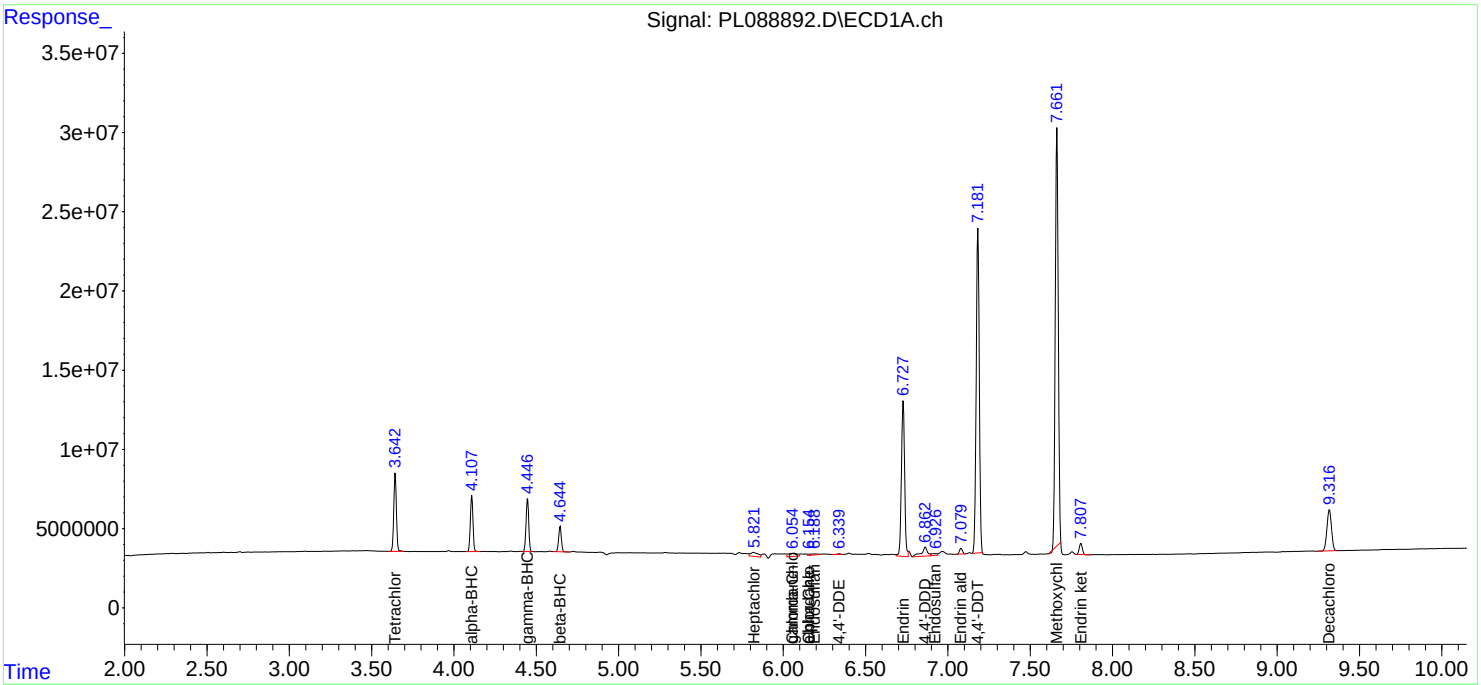
Quantitation Report (Not Reviewed)

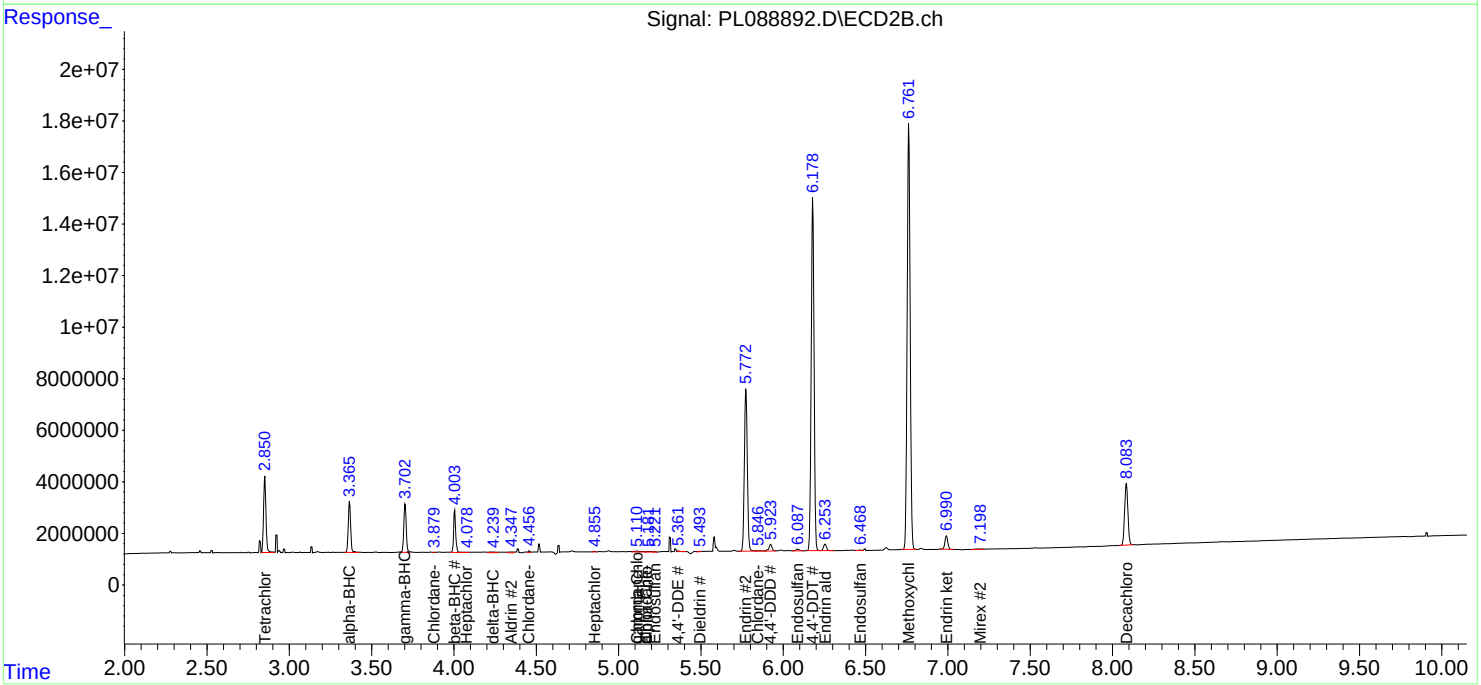
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040324\
Data File : PL088892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2024 09:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

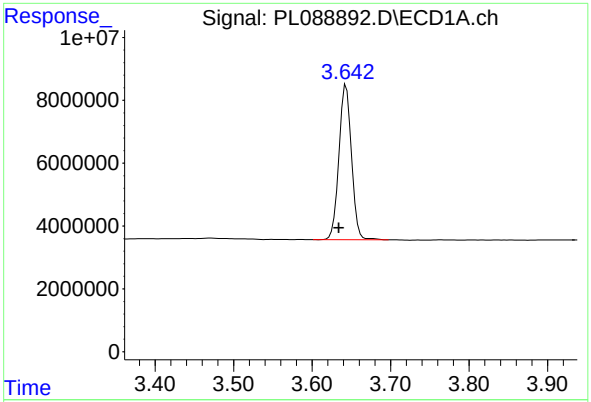
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 03 12:34:12 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



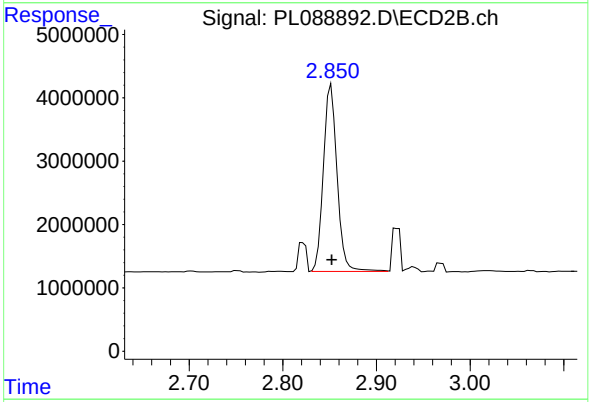




#1 Tetrachloro-m-xylene

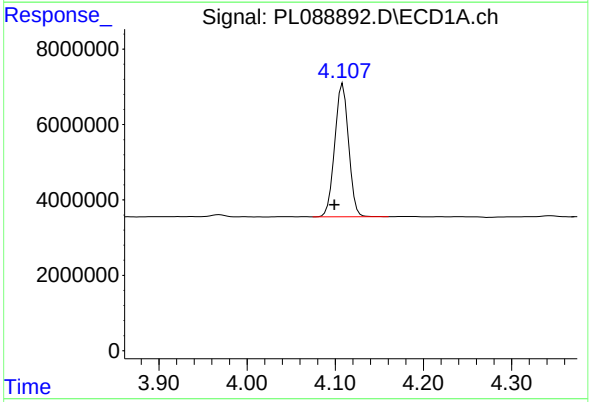
R.T.: 3.643 min
Delta R.T.: 0.009 min
Response: 55007427
Conc: 20.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



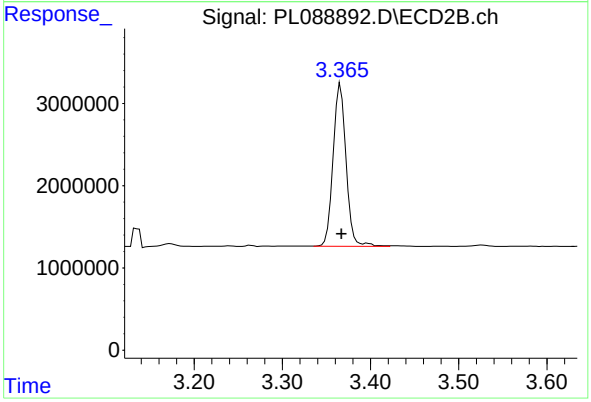
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 30039230
Conc: 22.54 ng/ml



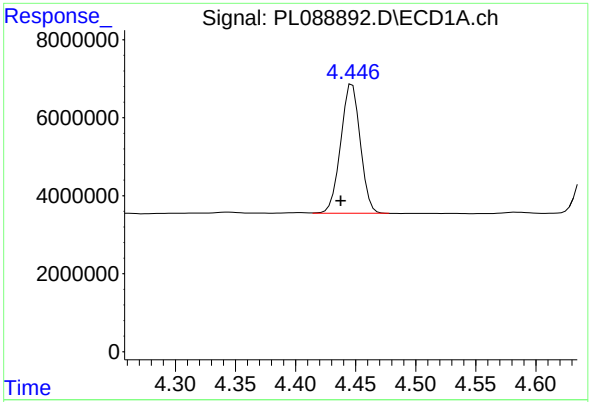
#2 alpha-BHC

R.T.: 4.109 min
Delta R.T.: 0.010 min
Response: 38645580
Conc: 9.68 ng/ml



#2 alpha-BHC

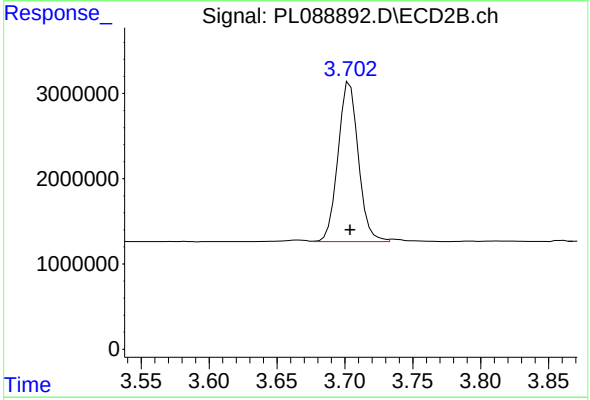
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 20219288
Conc: 10.06 ng/ml



#3 gamma-BHC (Lindane)

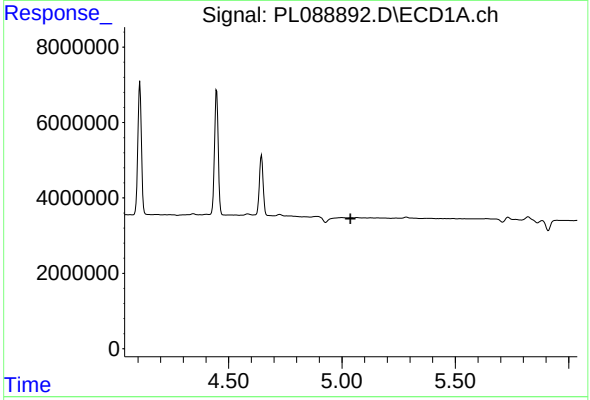
R.T.: 4.447 min
Delta R.T.: 0.010 min
Response: 37563368
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



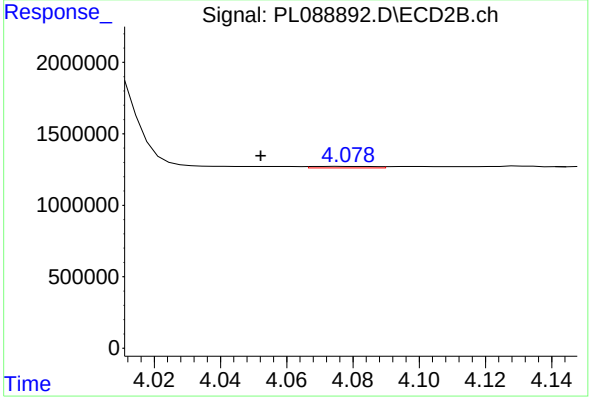
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 19456898
Conc: 10.14 ng/ml



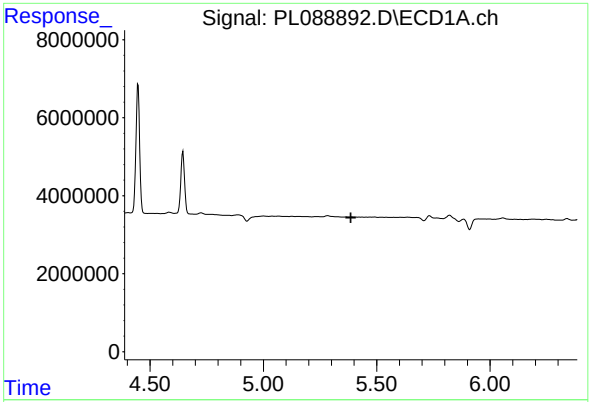
#4 Heptachlor

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



#4 Heptachlor

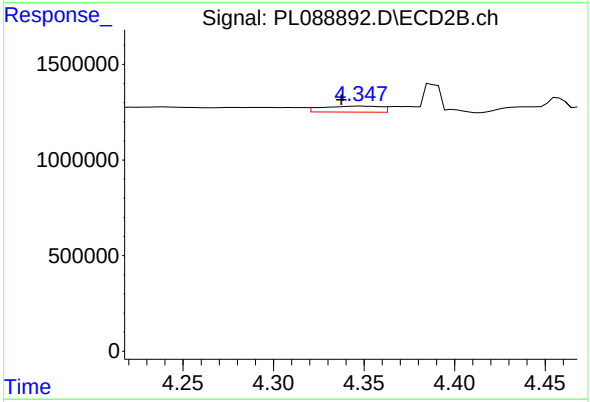
R.T.: 4.077 min
Delta R.T.: 0.024 min
Response: 139454
Conc: 0.08 ng/ml



#5 Aldrin

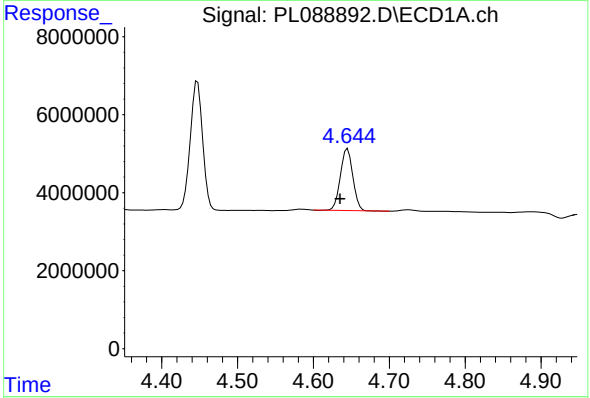
R.T.: 0.000 min
Exp R.T. : 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



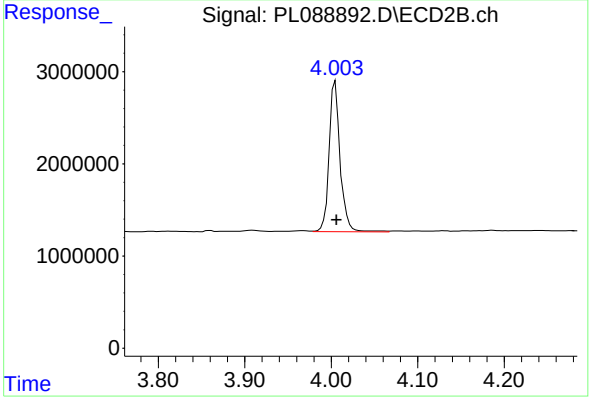
#5 Aldrin

R.T.: 4.348 min
Delta R.T.: 0.011 min
Response: 711993
Conc: 0.39 ng/ml



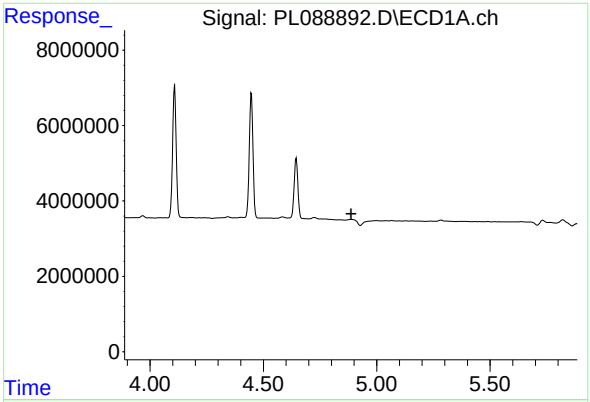
#6 beta-BHC

R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 18146853
Conc: 10.23 ng/ml



#6 beta-BHC

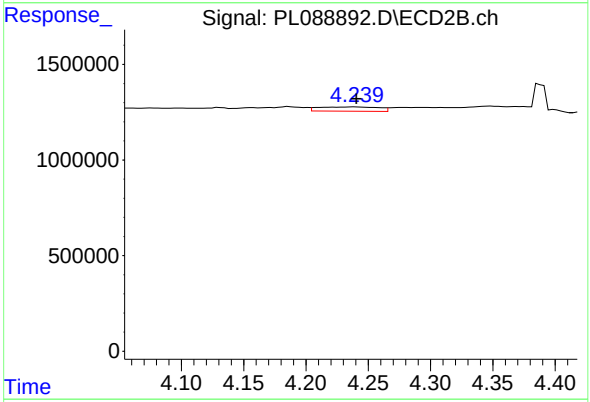
R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 14408530
Conc: 16.81 ng/ml



#7 delta-BHC

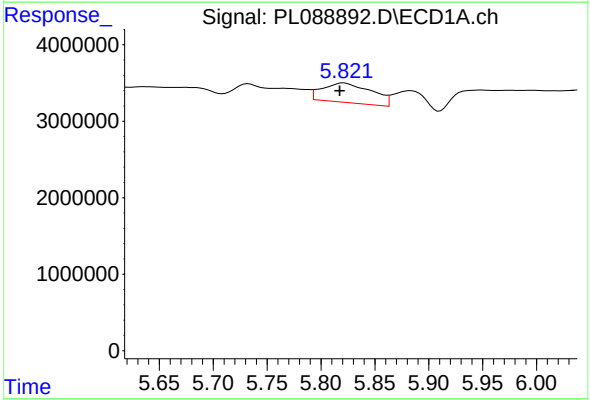
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



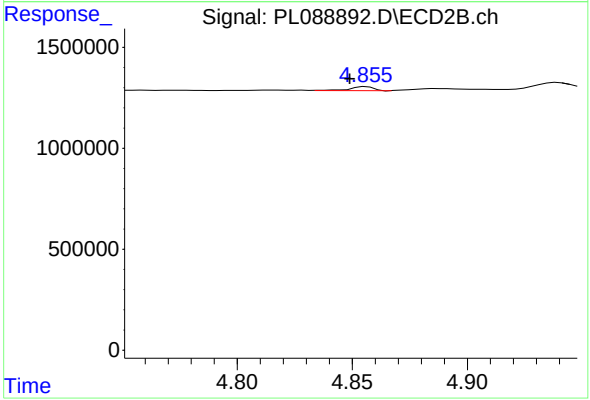
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 763627
Conc: 0.40 ng/ml



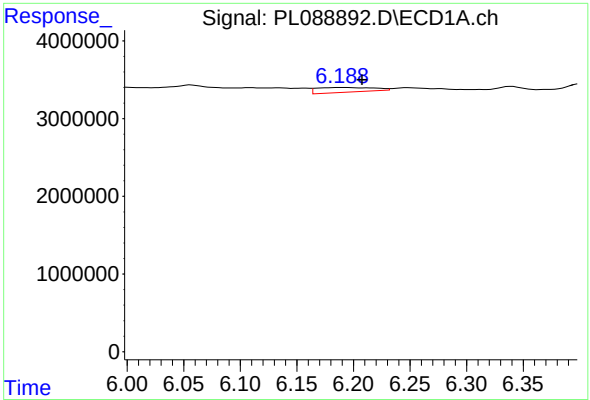
#8 Heptachlor epoxide

R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 8136797
Conc: 2.37 ng/ml



#8 Heptachlor epoxide

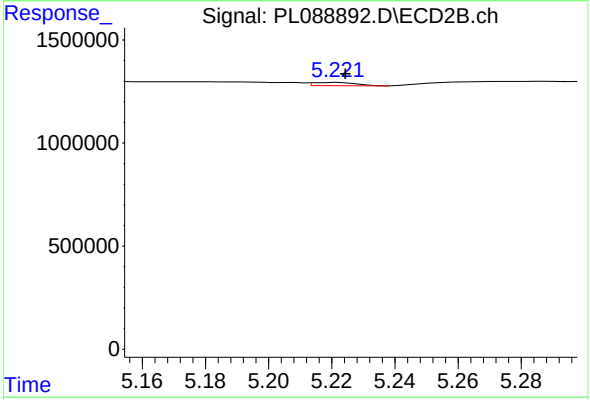
R.T.: 4.856 min
Delta R.T.: 0.007 min
Response: 142841
Conc: 0.09 ng/ml



#9 Endosulfan I

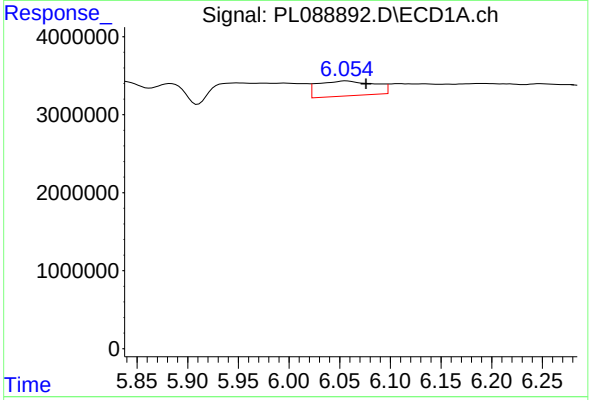
R.T.: 6.189 min
Delta R.T.: -0.018 min
Response: 2086054
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



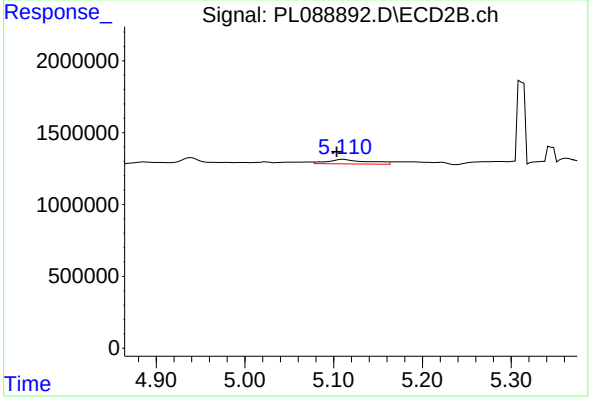
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 151089
Conc: 0.10 ng/ml



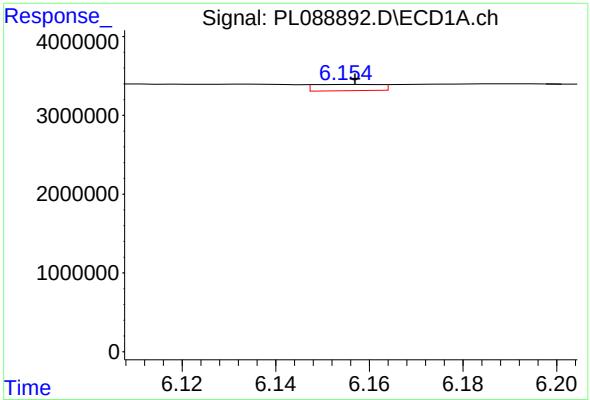
#10 gamma-Chlordane

R.T.: 6.056 min
Delta R.T.: -0.020 min
Response: 7455544
Conc: 2.24 ng/ml



#10 gamma-Chlordane

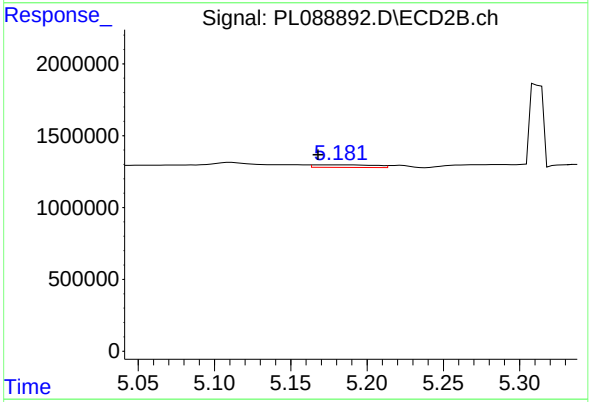
R.T.: 5.111 min
Delta R.T.: 0.008 min
Response: 970876
Conc: 0.59 ng/ml



#11 alpha-Chlordane

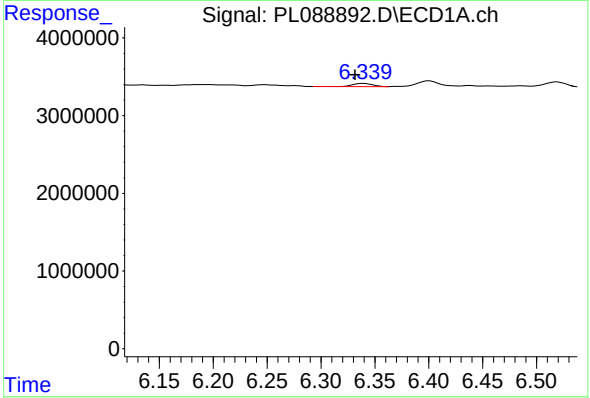
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 773829
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



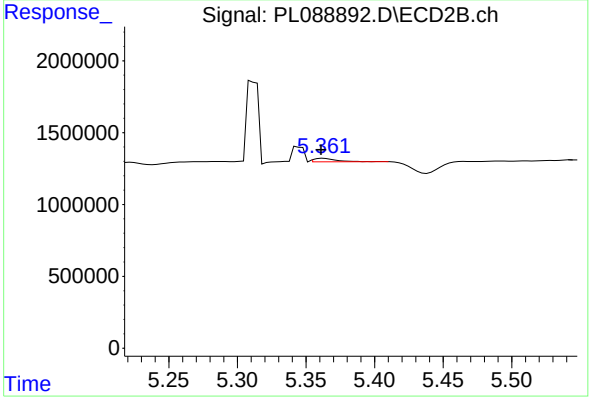
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.008 min
Response: 489234
Conc: 0.29 ng/ml



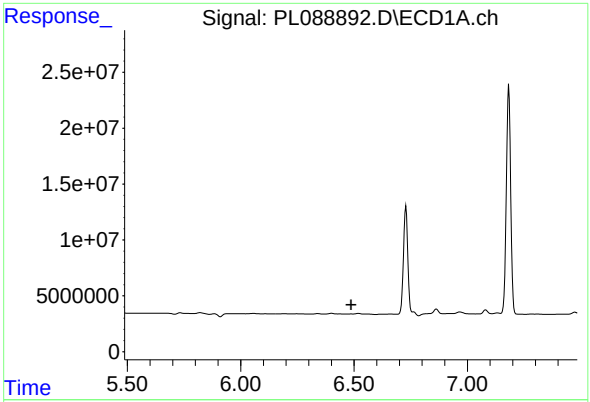
#12 4,4'-DDE

R.T.: 6.340 min
Delta R.T.: 0.008 min
Response: 517656
Conc: 0.17 ng/ml



#12 4,4'-DDE

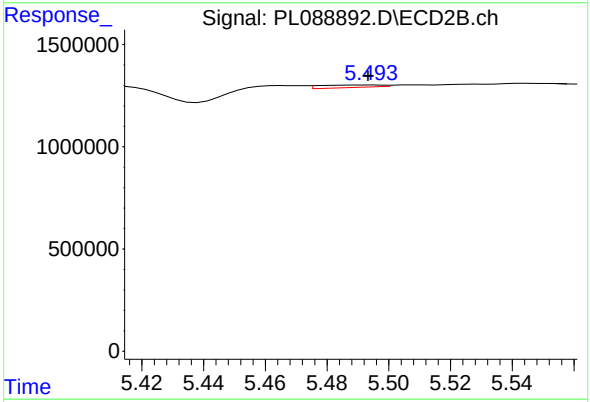
R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 254388
Conc: 0.17 ng/ml



#13 Dieldrin

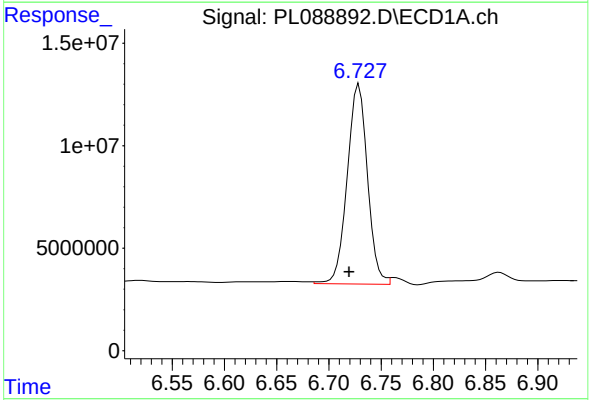
R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



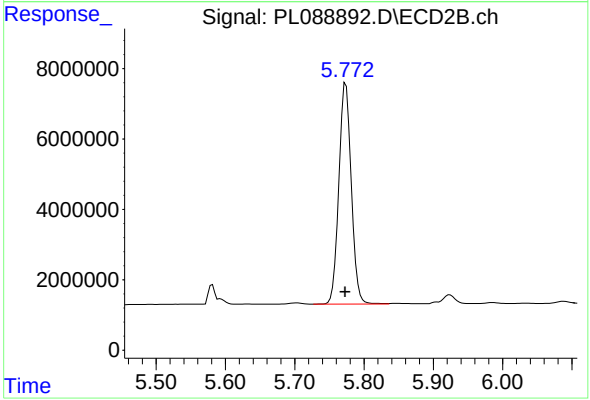
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 168378
Conc: 0.10 ng/ml



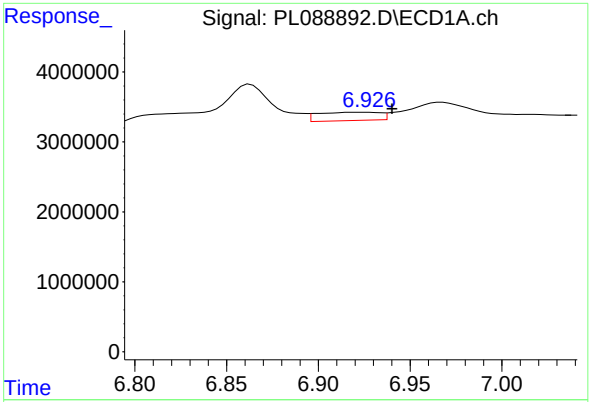
#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.010 min
Response: 131849950
Conc: 48.23 ng/ml



#14 Endrin

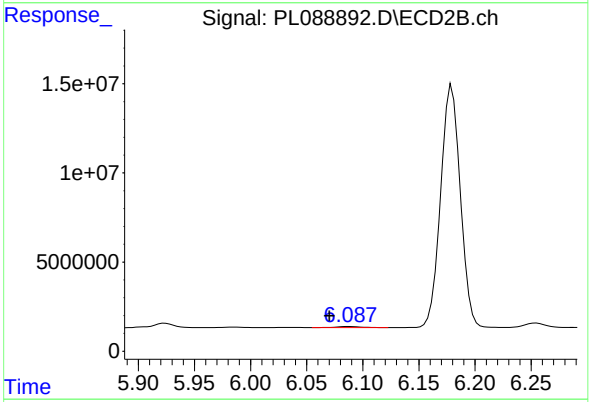
R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 78167266
Conc: 54.23 ng/ml



#15 Endosulfan II

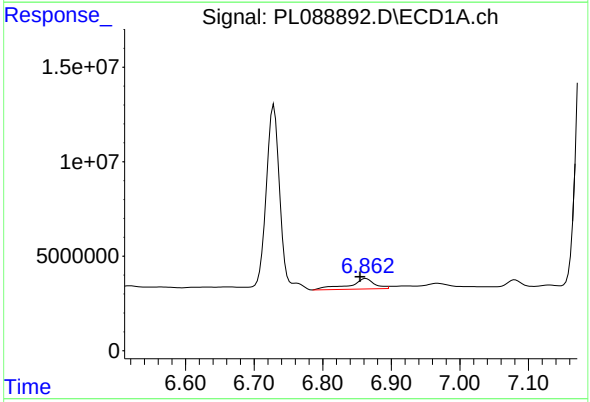
R.T.: 6.922 min
Delta R.T.: -0.018 min
Response: 2822549
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



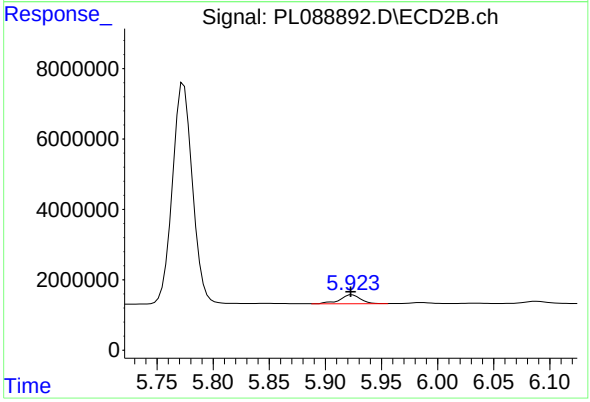
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.018 min
Response: 943440
Conc: 0.66 ng/ml



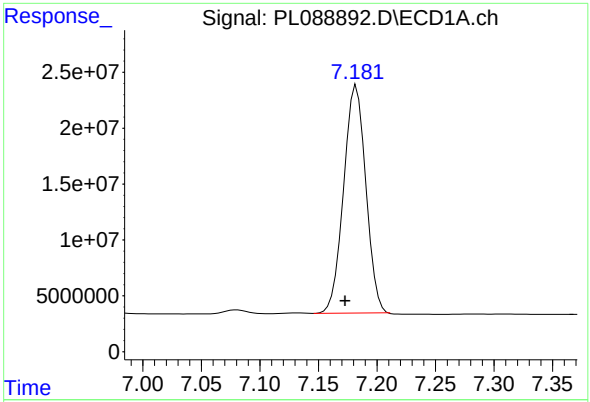
#16 4,4'-DDD

R.T.: 6.863 min
Delta R.T.: 0.009 min
Response: 14348639
Conc: 5.63 ng/ml



#16 4,4'-DDD

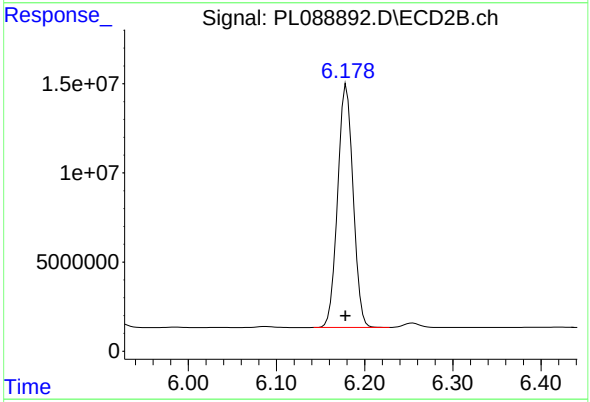
R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 3374794
Conc: 2.71 ng/ml



#17 4,4'-DDT

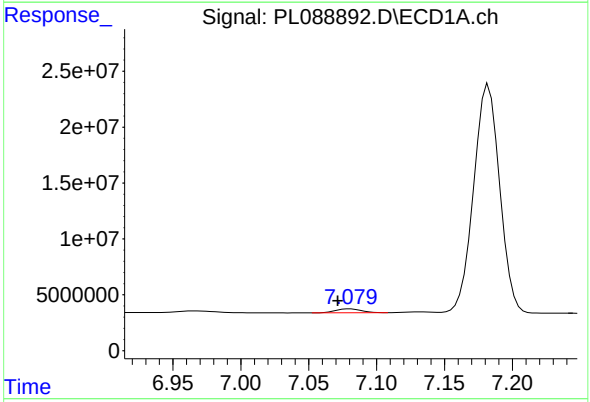
R.T.: 7.183 min
Delta R.T.: 0.010 min
Response: 269299904
Conc: 101.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



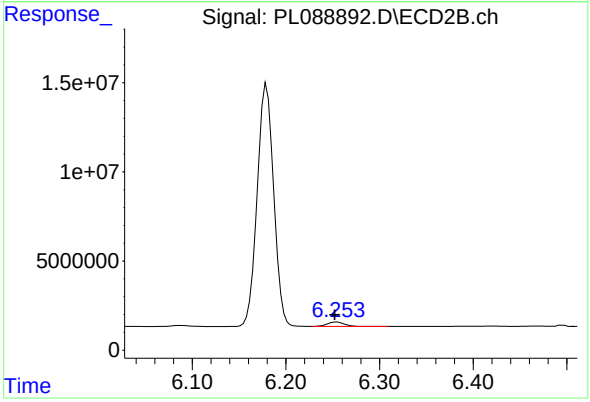
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.001 min
Response: 165793851
Conc: 123.52 ng/ml



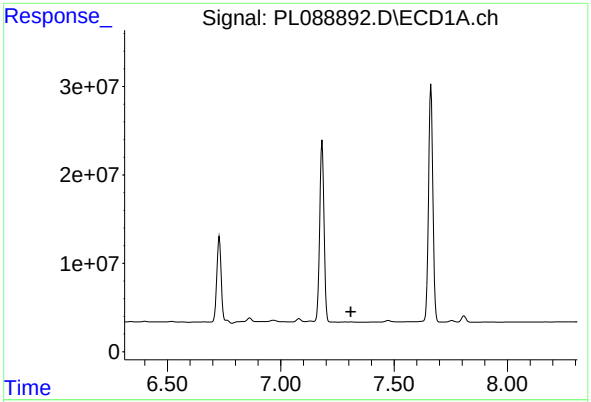
#18 Endrin aldehyde

R.T.: 7.080 min
Delta R.T.: 0.009 min
Response: 4595495
Conc: 2.20 ng/ml



#18 Endrin aldehyde

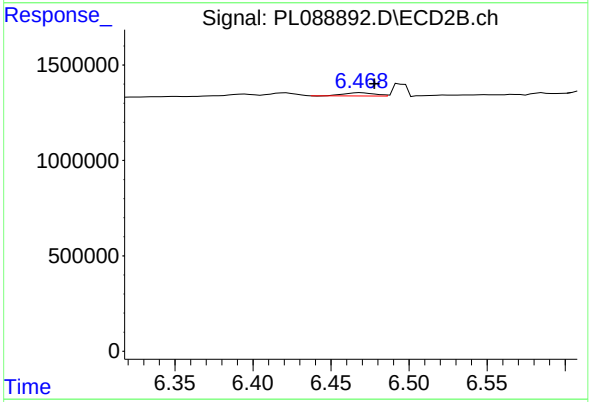
R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 3235399
Conc: 3.09 ng/ml



#19 Endosulfan Sulfate

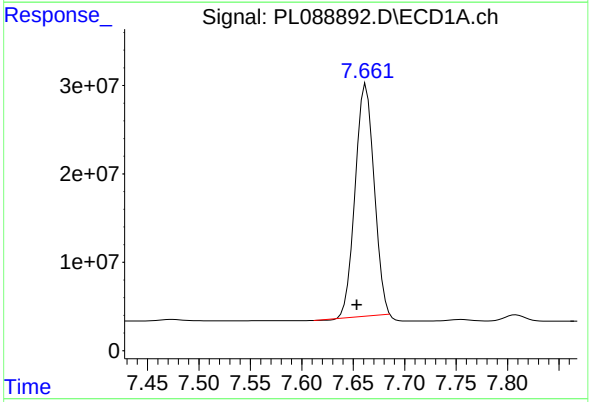
R.T.: 0.000 min
Exp R.T. : 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



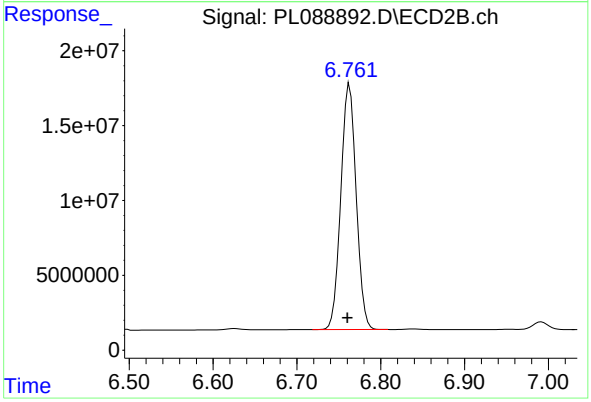
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.009 min
Response: 231110
Conc: 0.17 ng/ml



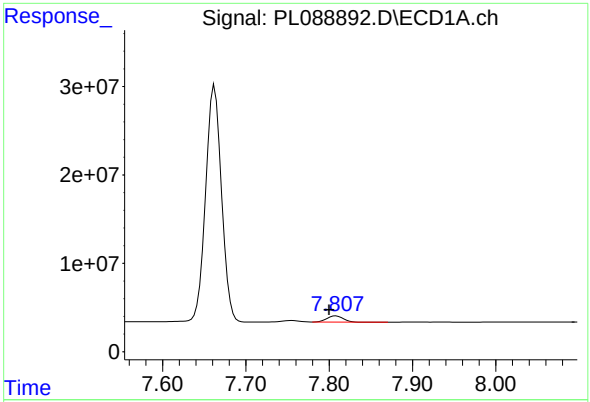
#20 Methoxychlor

R.T.: 7.662 min
Delta R.T.: 0.009 min
Response: 336764978
Conc: 223.54 ng/ml



#20 Methoxychlor

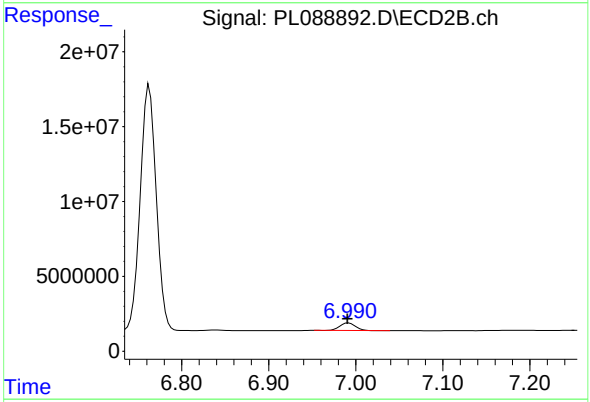
R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 209426558
Conc: 261.11 ng/ml



#21 Endrin ketone

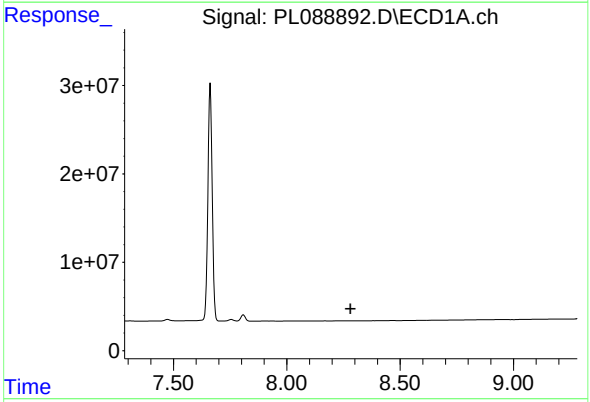
R.T.: 7.808 min
Delta R.T.: 0.008 min
Response: 9087906
Conc: 3.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



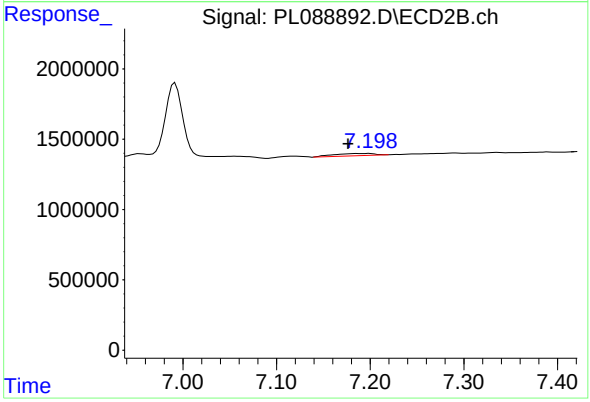
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 6287739
Conc: 3.81 ng/ml



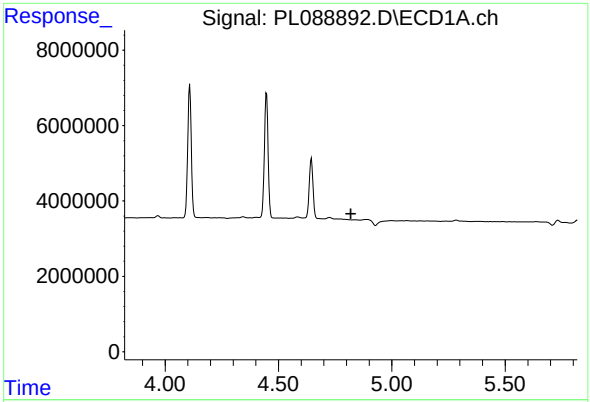
#22 Mirex

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



#22 Mirex

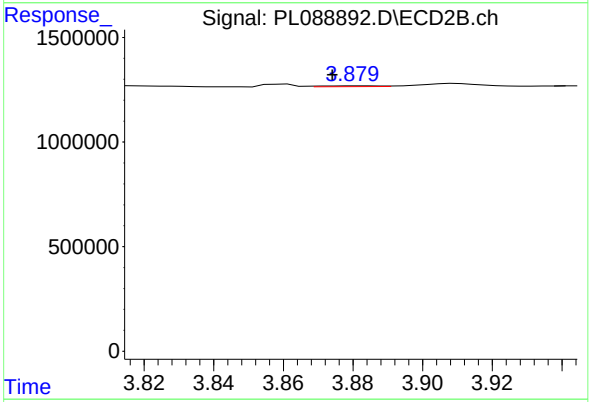
R.T.: 7.199 min
Delta R.T.: 0.023 min
Response: 489483
Conc: 0.36 ng/ml



#23 Chlordane-1

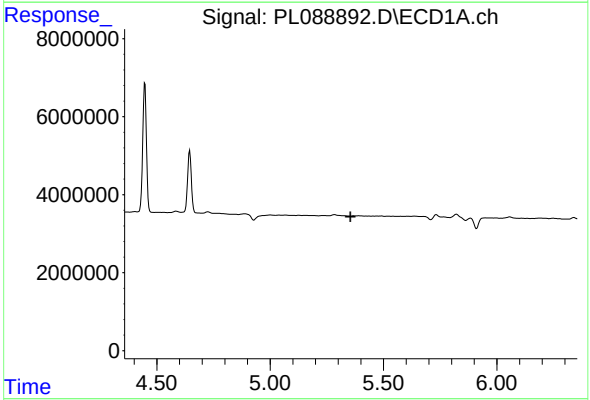
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



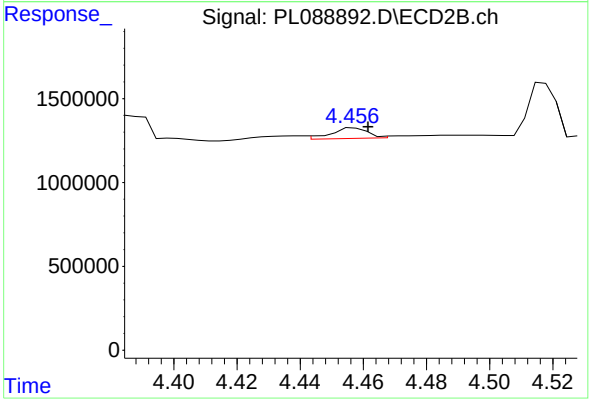
#23 Chlordane-1

R.T.: 3.881 min
Delta R.T.: 0.007 min
Response: 43799
Conc: 0.90 ng/ml



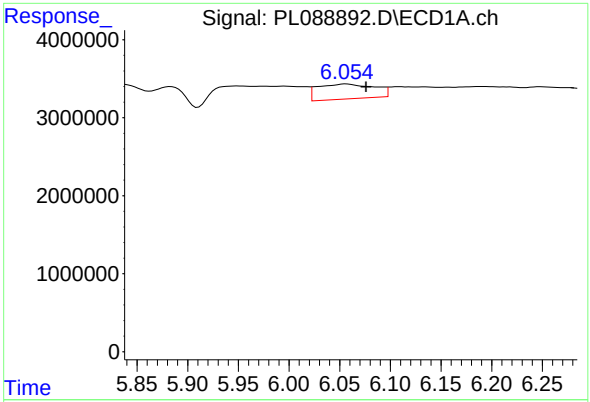
#24 Chlordane-2

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



#24 Chlordane-2

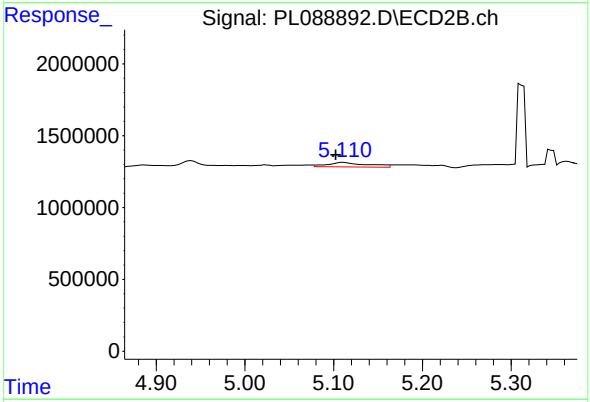
R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 504112
Conc: 8.30 ng/ml



#25 Chlordane-3

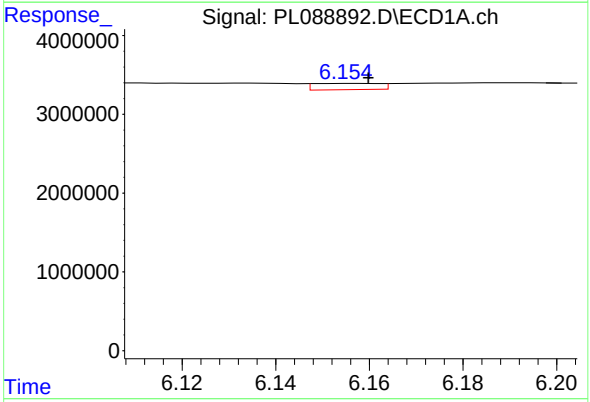
R.T.: 6.056 min
Delta R.T.: -0.020 min
Response: 7455544
Conc: 14.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



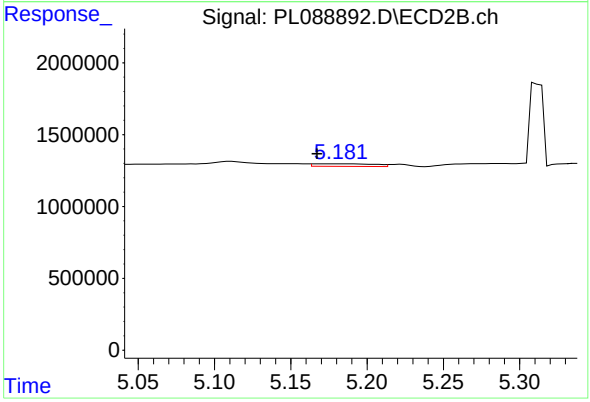
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.009 min
Response: 970876
Conc: 5.69 ng/ml



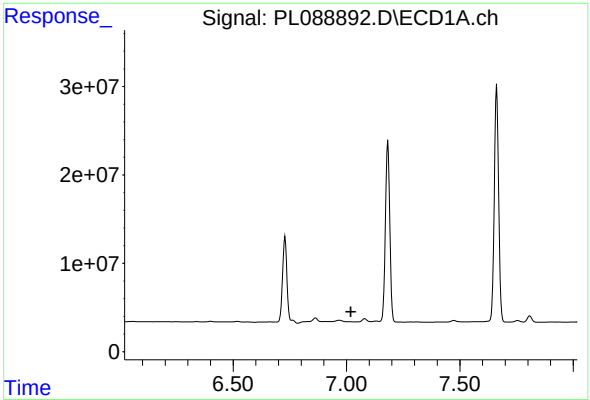
#26 Chlordane-4

R.T.: 6.157 min
Delta R.T.: -0.003 min
Response: 773829
Conc: 1.29 ng/ml



#26 Chlordane-4

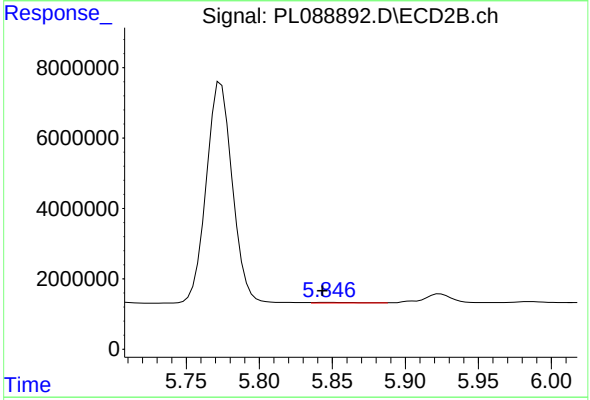
R.T.: 5.176 min
Delta R.T.: 0.009 min
Response: 489234
Conc: 3.07 ng/ml



#27 Chlordane-5

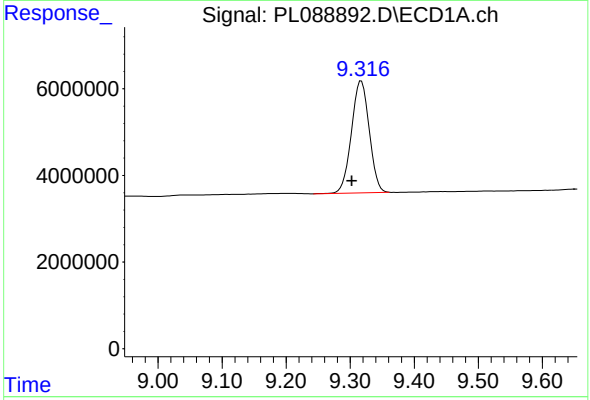
R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



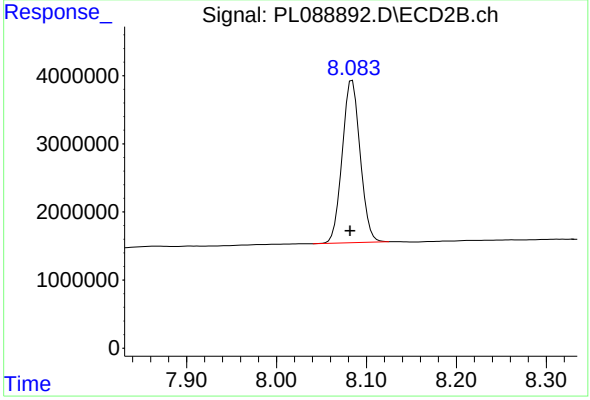
#27 Chlordane-5

R.T.: 5.848 min
Delta R.T.: 0.004 min
Response: 336291
Conc: 6.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.317 min
Delta R.T.: 0.015 min
Response: 49859222
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 33088742
Conc: 24.40 ng/ml