Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 10:00
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: Dec 20 20:21:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.423	2.679	60474955	24012608	16.069	14.265	
28)	SA Decachlor...	8.983	7.870	56021466	25722398	16.429	15.230	
	Target Compounds							
2)	A alpha-BHC	3.880	3.183	40759958	15944463	7.528	6.488	
3)	MA gamma-BHC...	4.214	3.514	39332592	15584768	7.484	6.434	
4)	MA Heptachlor	0.000	3.868	0	6805	N.D.	0.003	#
5)	MB Aldrin	0.000	4.151	0	93911	N.D.	0.039	#
6)	B beta-BHC	4.413	3.816	20800208	8038163	9.056	7.722	
7)	B delta-BHC	0.000	4.055	0	19151	N.D.	0.008	#
8)	B Heptachlo...	0.000	4.649	0	5685	N.D.	0.003	#
9)	A Endosulfan I	0.000	5.012	0	299903	N.D.	0.139	#
10)	B gamma-Chl...	5.846	4.910	347446	786858	0.072	0.344	#
11)	B alpha-Chl...	0.000	4.980	0	692670	N.D.	0.300	#
12)	B 4,4'-DDE	6.098	5.162	691739	192216	0.167	0.097	#
13)	MA Dieldrin	6.281f	5.288	407485	110687	0.088	0.050	#
14)	MA Endrin	6.474	5.560	127.5E6	63611372	33.138	31.875	
15)	B Endosulfa...	6.701	5.854	1940831	32580	0.484	0.017	#
16)	A 4,4'-DDD	6.619	5.720	3179801	1221732	0.962	0.738	
17)	MA 4,4'-DDT	6.937	5.973	261.9E6	132.6E6	69.651	71.899	
18)	B Endrin al...	6.828	6.040	3837735	4032991	1.324	2.748	#
19)	B Endosulfa...	7.045f	6.264	316769	53639	0.081	0.028	#
20)	A Methoxychlor	7.422	6.559	352.8E6	171.0E6	180.951	167.397	
21)	B Endrin ke...	7.549	6.770	7237661	3964184	1.779	1.862	
22)	Mirex	0.000	6.937f	0	80128	N.D.	0.045	#
23)	Chlordane-1	0.000	3.716f	0	157825	N.D.	2.544	#
24)	Chlordane-2	0.000	4.252f	0	500421	N.D.	6.518	#
25)	Chlordane-3	5.846	4.910	347446	786858	0.498	3.559	#
26)	Chlordane-4	0.000	4.980	0	692670	N.D.	2.975	#
27)	Chlordane-5	0.000	5.639	0	77472	N.D.	1.197	#

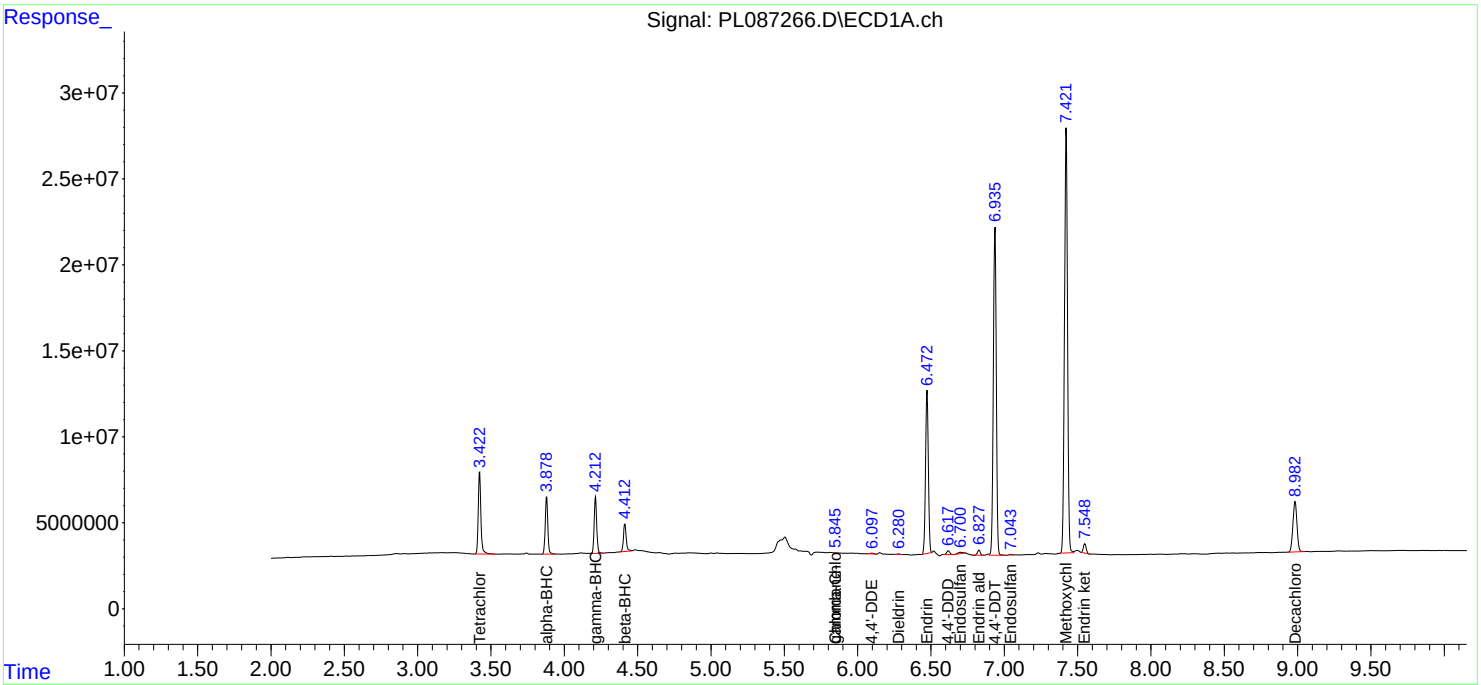
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

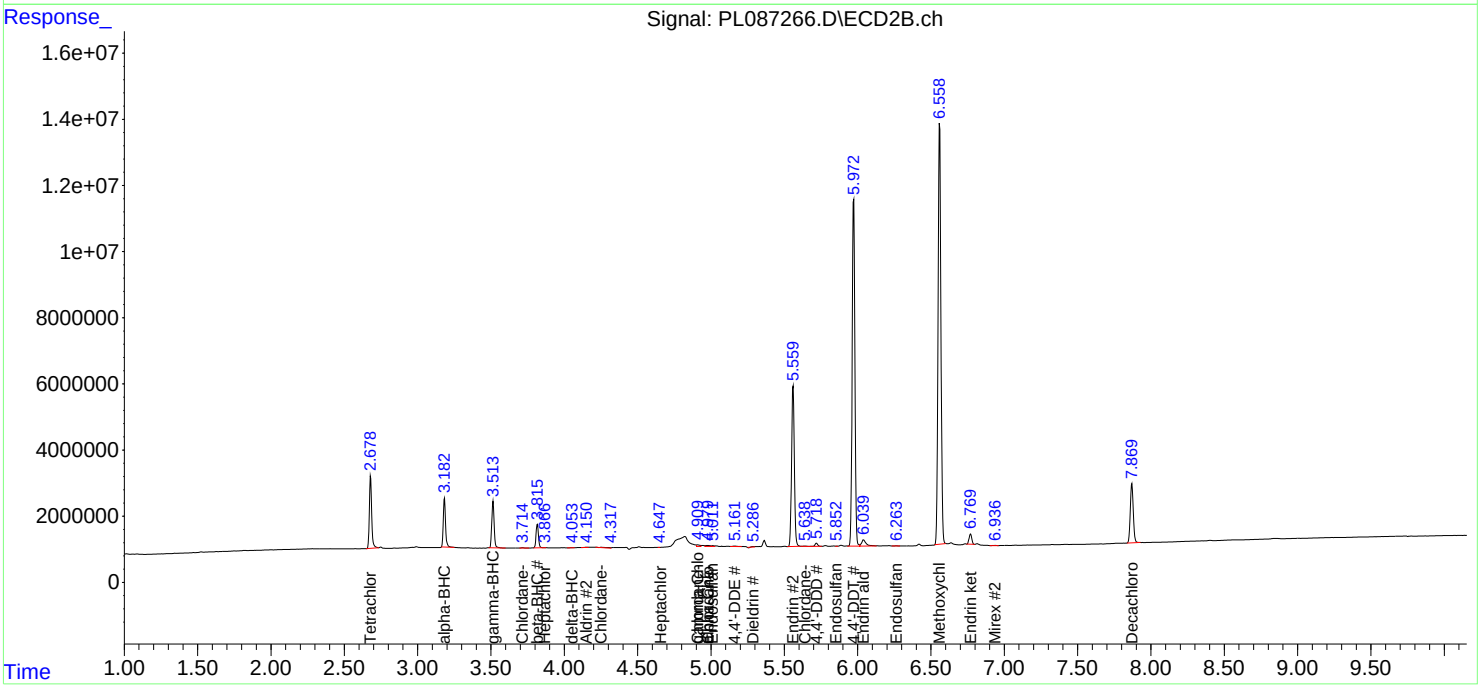
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 10:00
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

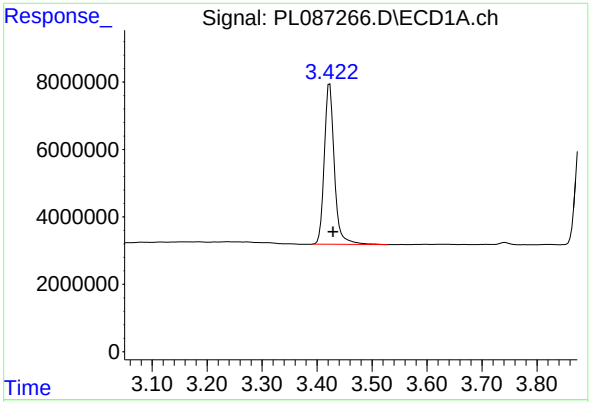
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:21:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



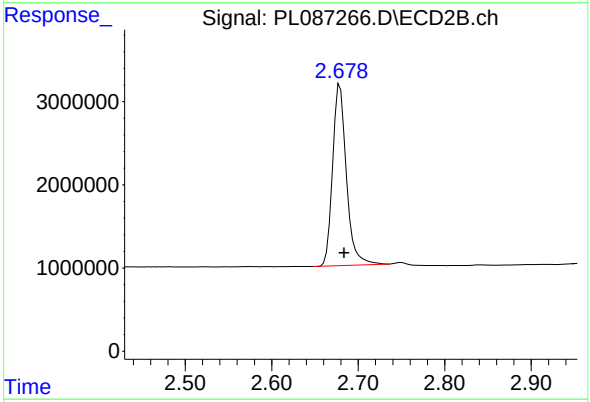




#1 Tetrachloro-m-xylene

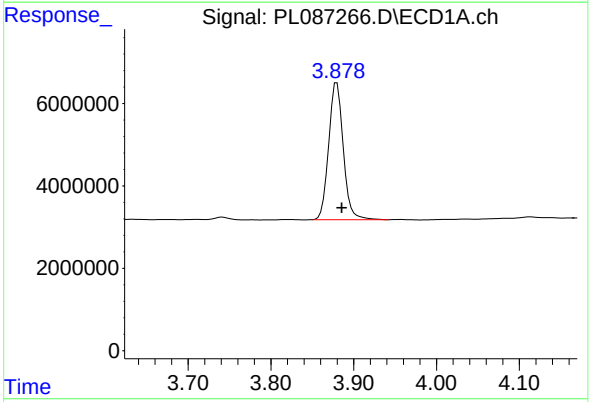
R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 60474955
Conc: 16.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



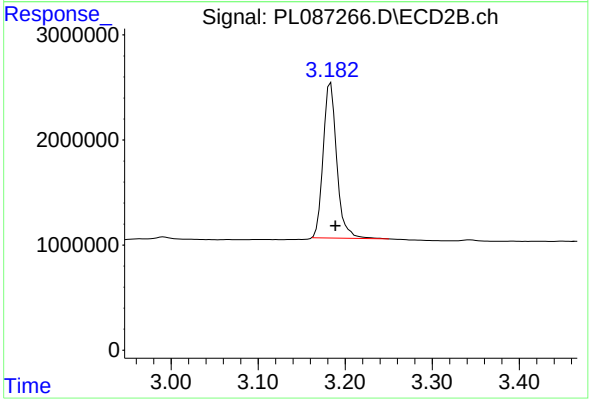
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.004 min
Response: 24012608
Conc: 14.27 ng/ml



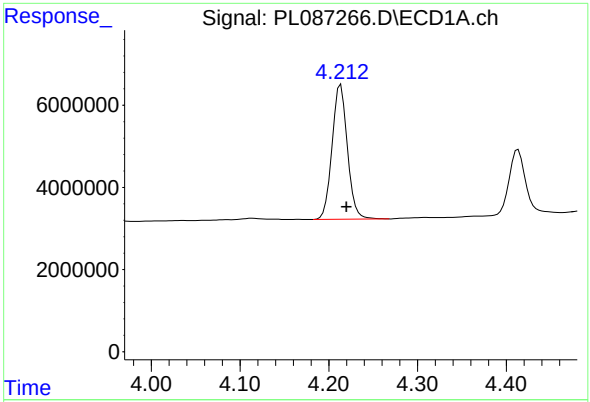
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.006 min
Response: 40759958
Conc: 7.53 ng/ml



#2 alpha-BHC

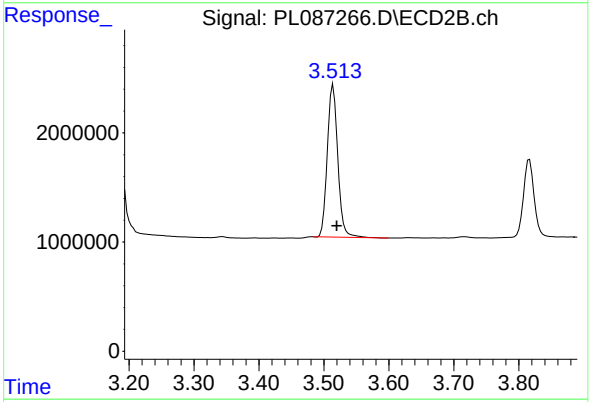
R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 15944463
Conc: 6.49 ng/ml



#3 gamma-BHC (Lindane)

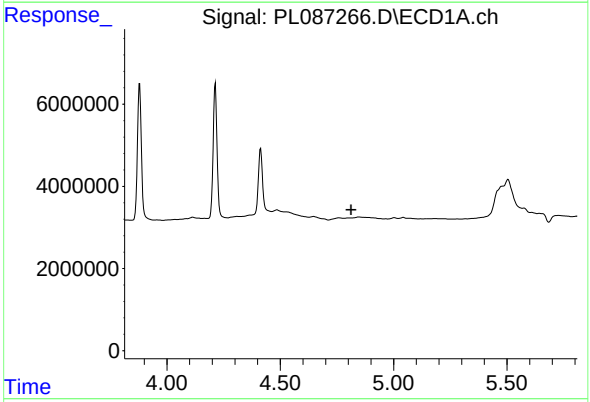
R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 39332592
Conc: 7.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



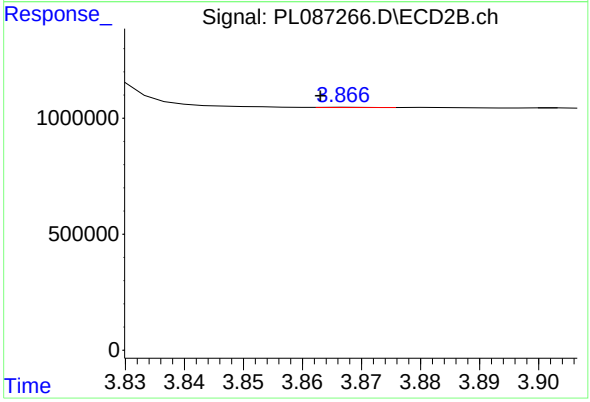
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 15584768
Conc: 6.43 ng/ml



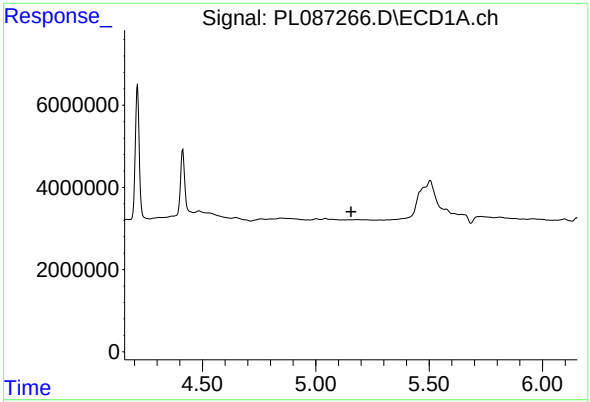
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



#4 Heptachlor

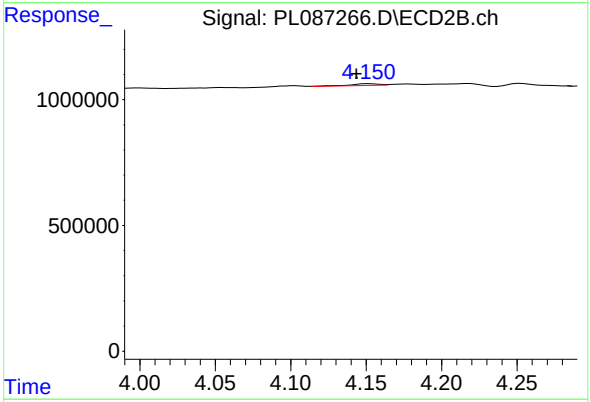
R.T.: 3.868 min
Delta R.T.: 0.005 min
Response: 6805
Conc: 0.00 ng/ml



#5 Aldrin

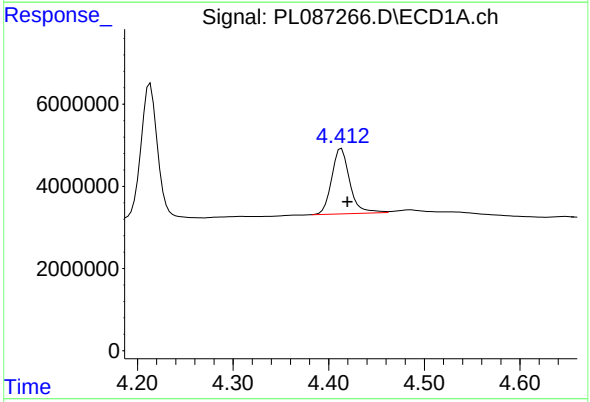
R.T.: 0.000 min
Exp R.T. : 5.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



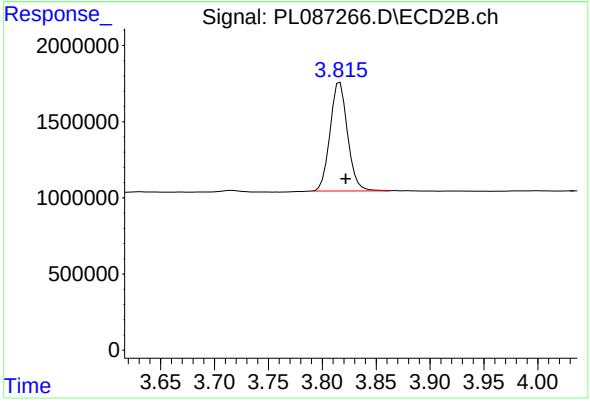
#5 Aldrin

R.T.: 4.151 min
Delta R.T.: 0.008 min
Response: 93911
Conc: 0.04 ng/ml



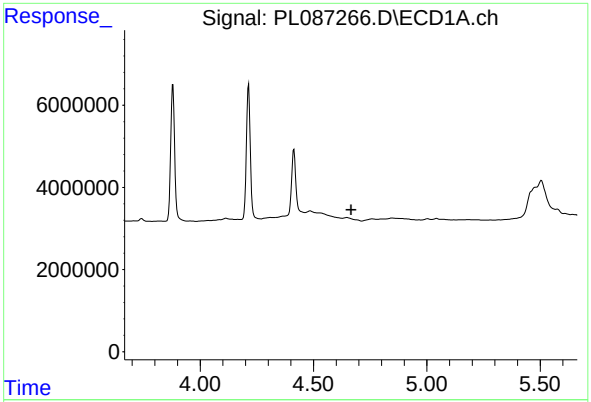
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.006 min
Response: 20800208
Conc: 9.06 ng/ml



#6 beta-BHC

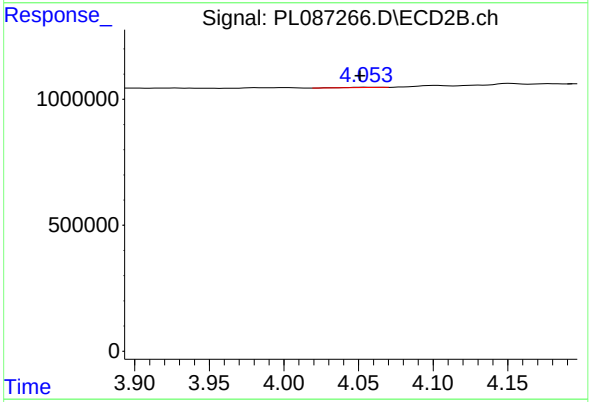
R.T.: 3.816 min
Delta R.T.: -0.005 min
Response: 8038163
Conc: 7.72 ng/ml



#7 delta-BHC

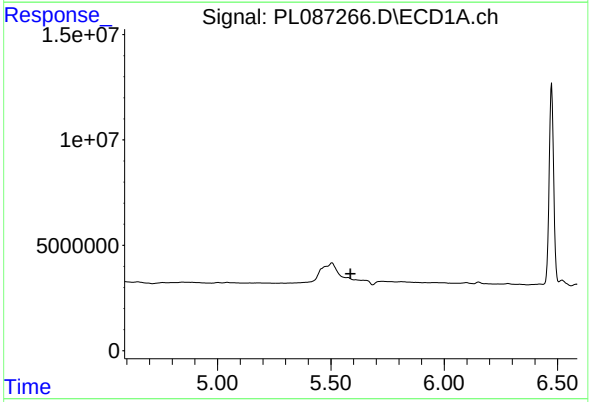
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



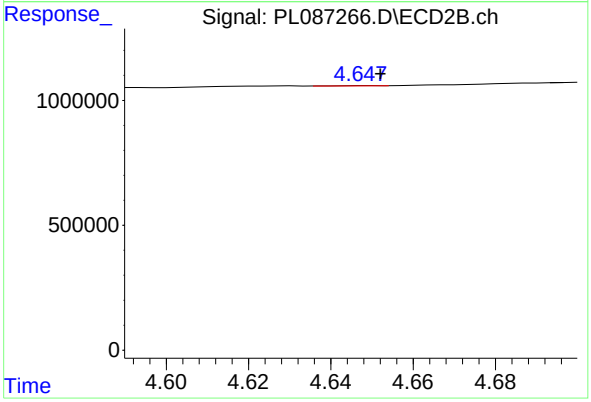
#7 delta-BHC

R.T.: 4.055 min
Delta R.T.: 0.004 min
Response: 19151
Conc: 0.01 ng/ml



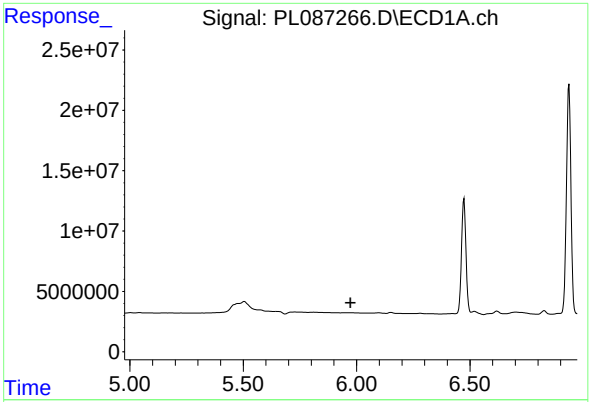
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.587 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

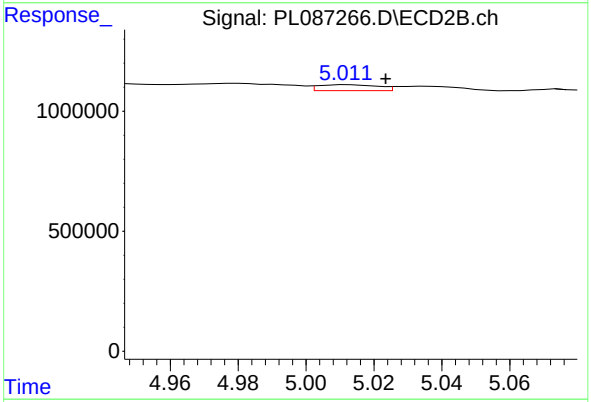
R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 5685
Conc: 0.00 ng/ml



#9 Endosulfan I

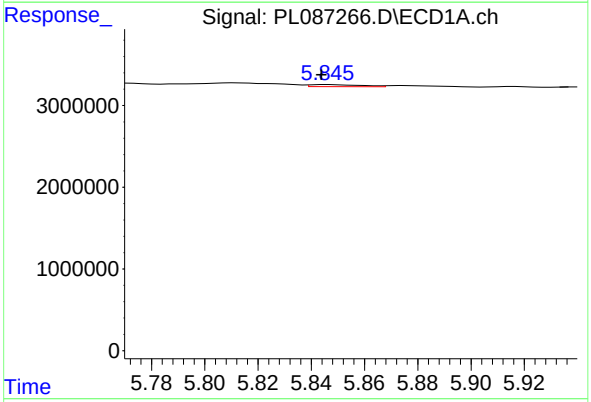
R.T.: 0.000 min
Exp R.T. : 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



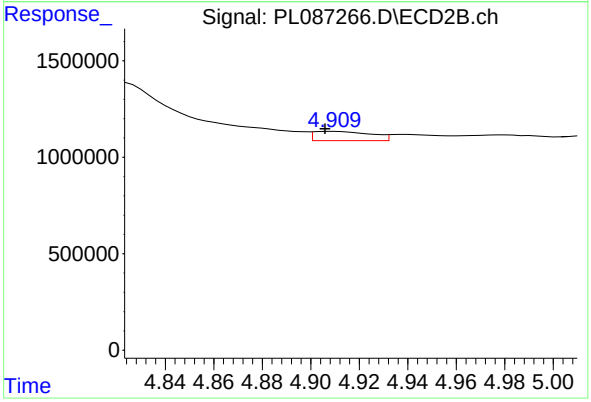
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 299903
Conc: 0.14 ng/ml



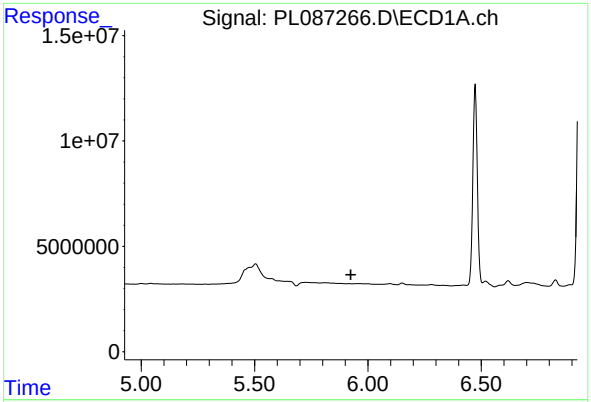
#10 gamma-Chlordane

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 347446
Conc: 0.07 ng/ml



#10 gamma-Chlordane

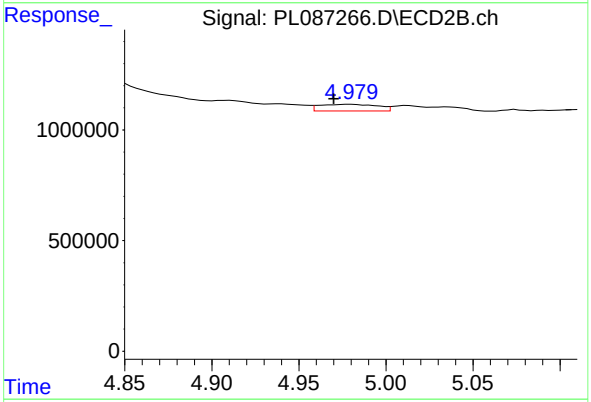
R.T.: 4.910 min
Delta R.T.: 0.004 min
Response: 786858
Conc: 0.34 ng/ml



#11 alpha-Chlordane

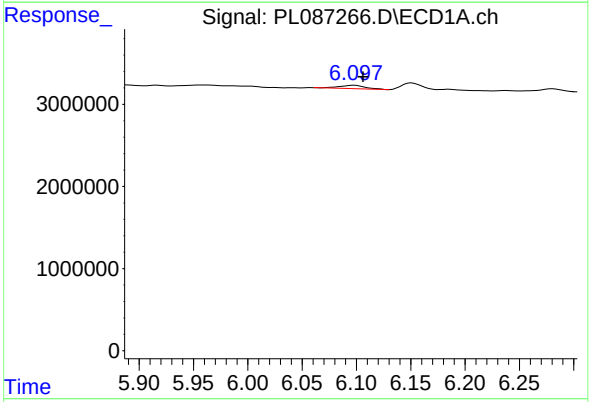
R.T.: 0.000 min
Exp R.T. : 5.924 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



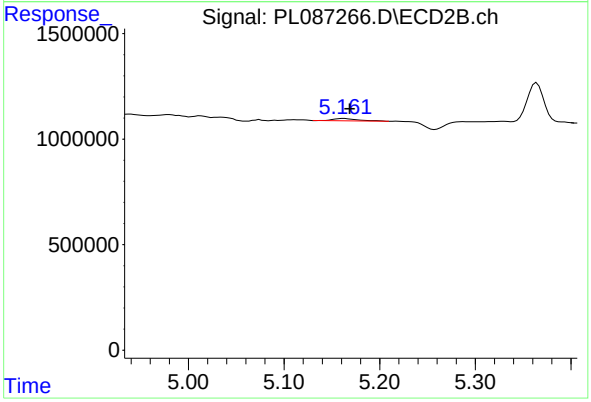
#11 alpha-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.010 min
Response: 692670
Conc: 0.30 ng/ml



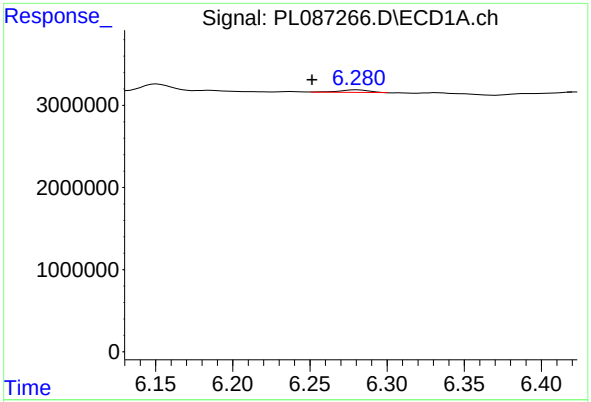
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 691739
Conc: 0.17 ng/ml



#12 4,4'-DDE

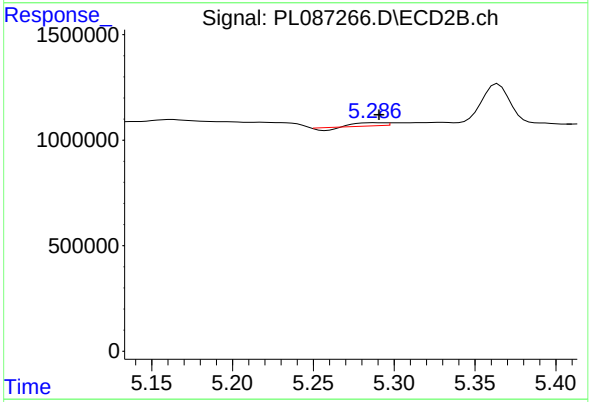
R.T.: 5.162 min
Delta R.T.: -0.006 min
Response: 192216
Conc: 0.10 ng/ml



#13 Dieldrin

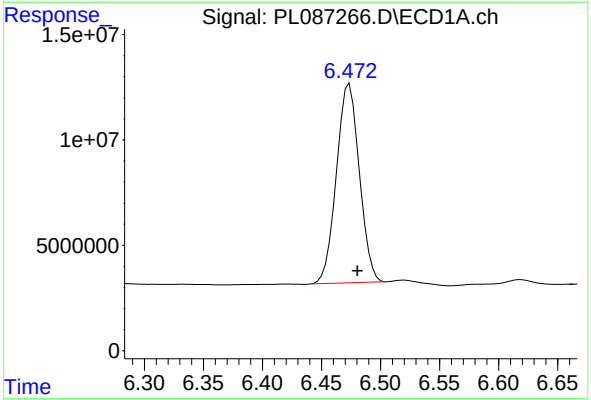
R.T.: 6.281 min
Delta R.T.: 0.029 min
Response: 407485
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



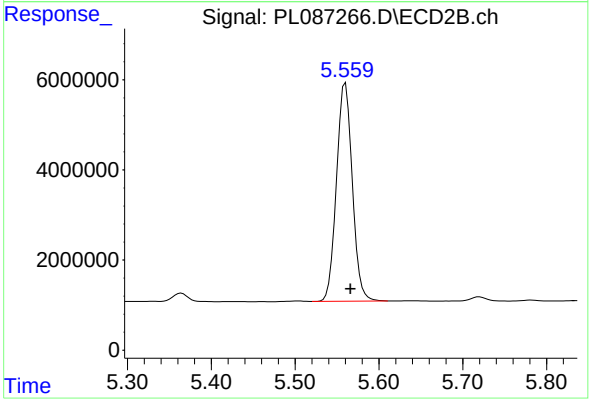
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 110687
Conc: 0.05 ng/ml



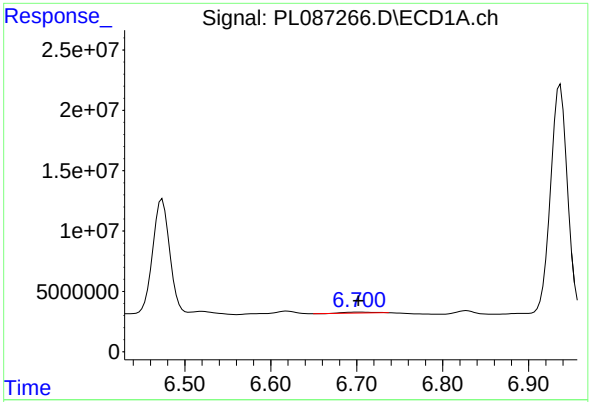
#14 Endrin

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 127493572
Conc: 33.14 ng/ml



#14 Endrin

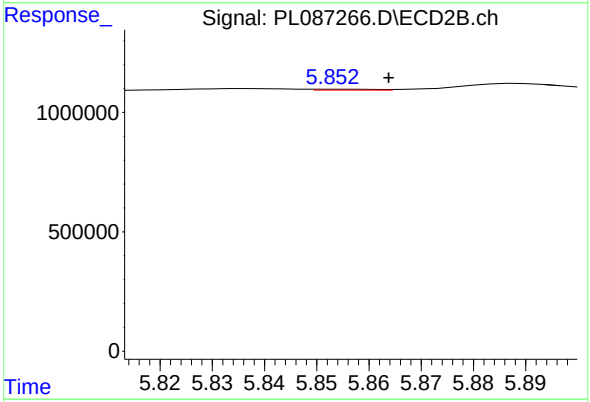
R.T.: 5.560 min
Delta R.T.: -0.006 min
Response: 63611372
Conc: 31.88 ng/ml



#15 Endosulfan II

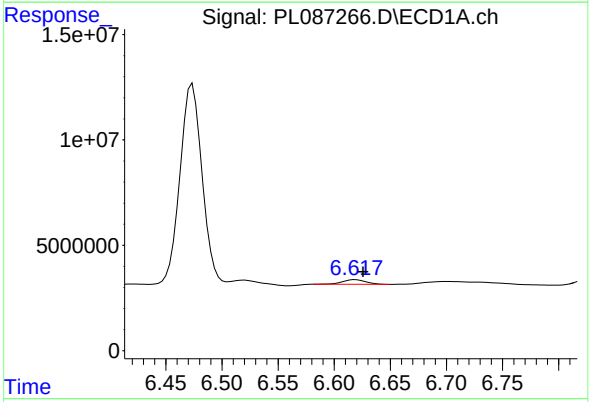
R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 1940831
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



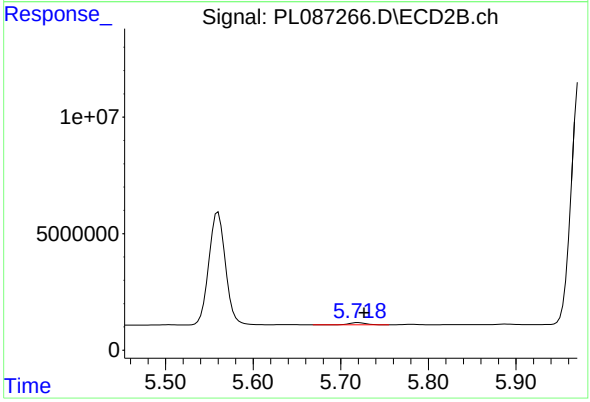
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 32580
Conc: 0.02 ng/ml



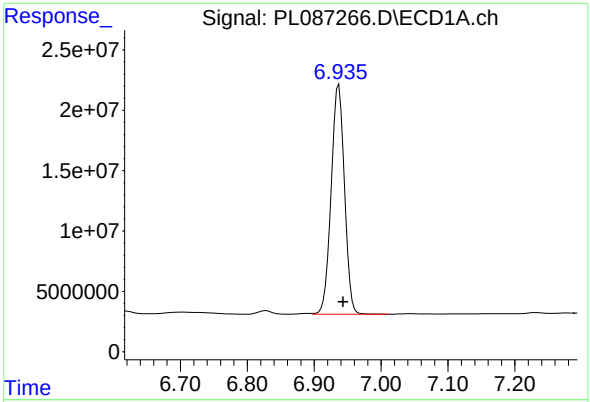
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 3179801
Conc: 0.96 ng/ml



#16 4,4'-DDD

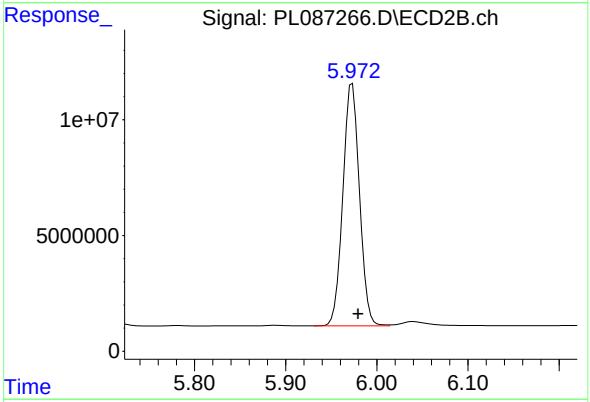
R.T.: 5.720 min
Delta R.T.: -0.007 min
Response: 1221732
Conc: 0.74 ng/ml



#17 4,4'-DDT

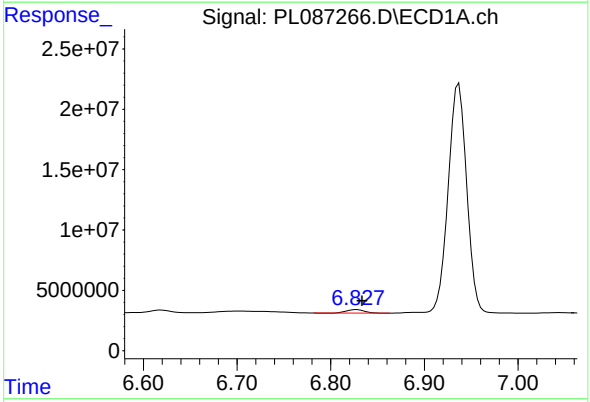
R.T.: 6.937 min
Delta R.T.: -0.007 min
Response: 261902388
Conc: 69.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



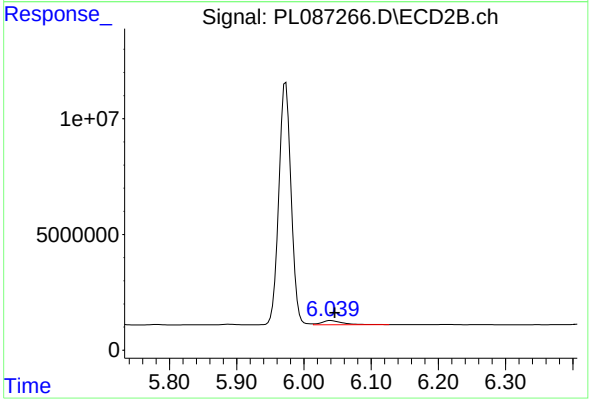
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.006 min
Response: 132604827
Conc: 71.90 ng/ml



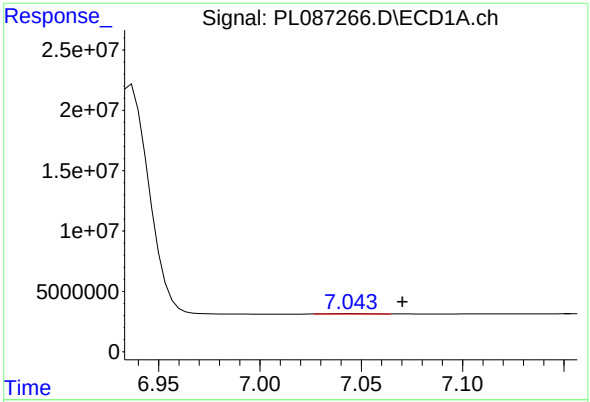
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: -0.005 min
Response: 3837735
Conc: 1.32 ng/ml



#18 Endrin aldehyde

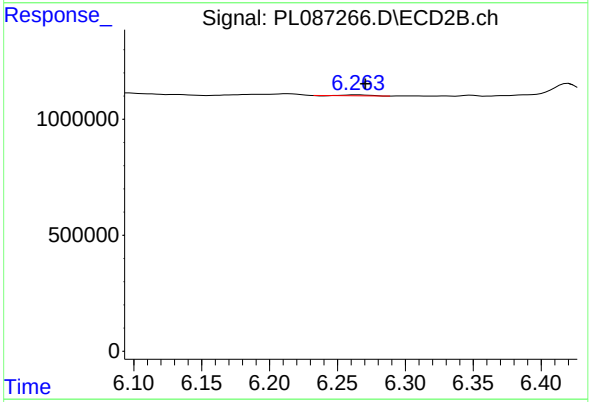
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 4032991
Conc: 2.75 ng/ml



#19 Endosulfan Sulfate

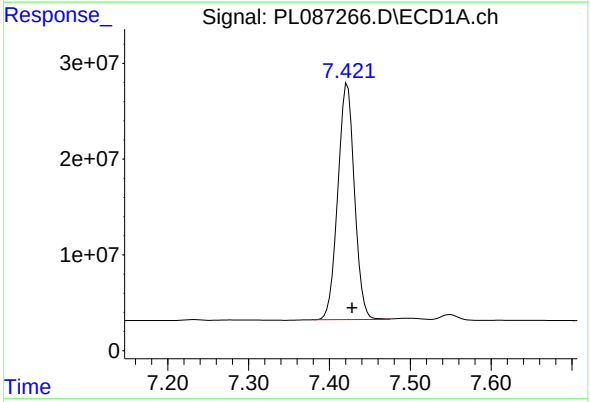
R.T.: 7.045 min
Delta R.T.: -0.025 min
Response: 316769
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



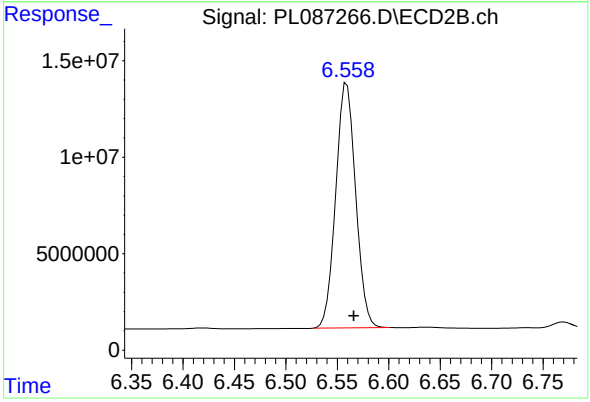
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.006 min
Response: 53639
Conc: 0.03 ng/ml



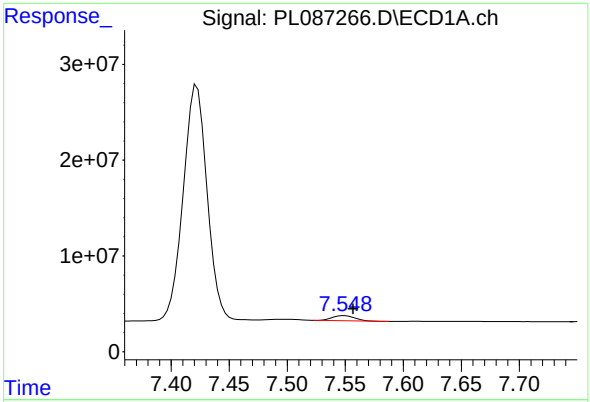
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 352841327
Conc: 180.95 ng/ml



#20 Methoxychlor

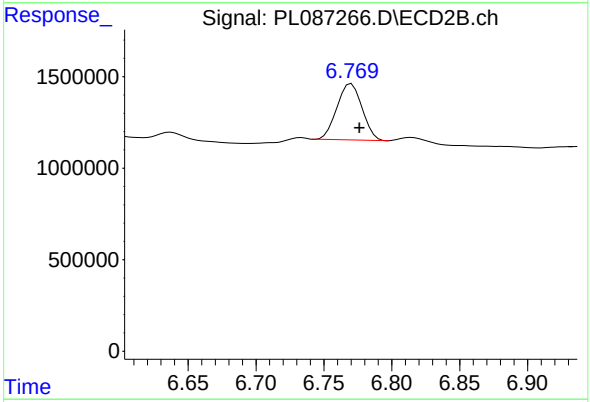
R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 170978389
Conc: 167.40 ng/ml



#21 Endrin ketone

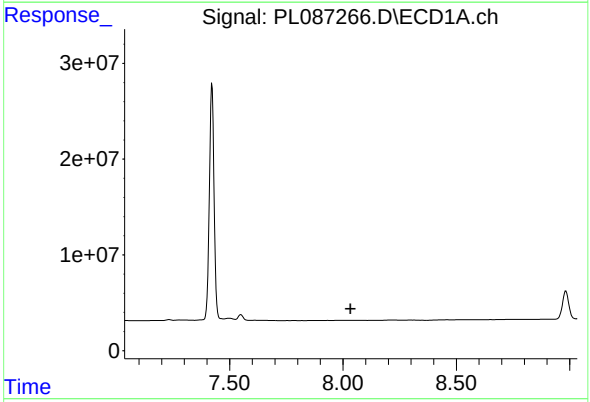
R.T.: 7.549 min
Delta R.T.: -0.007 min
Response: 7237661
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



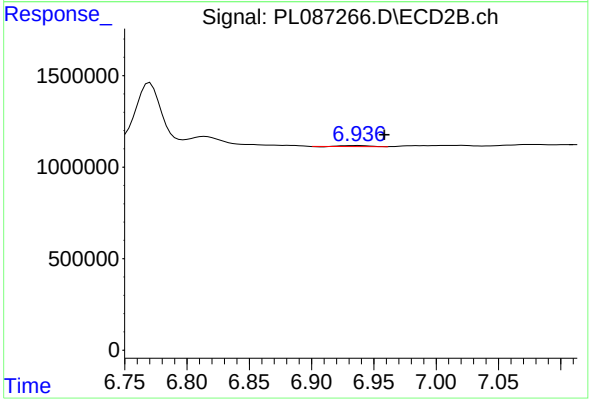
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.006 min
Response: 3964184
Conc: 1.86 ng/ml



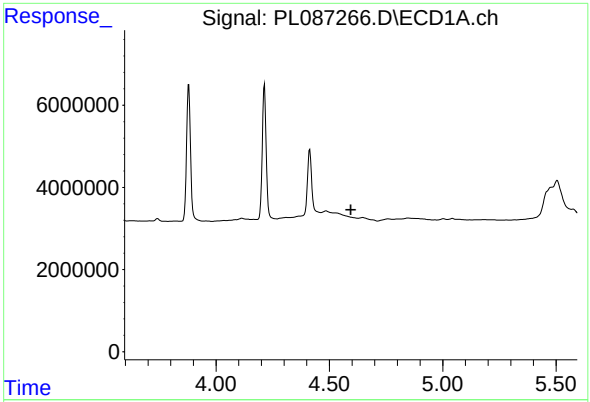
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.034 min
Response: 0
Conc: N.D.



#22 Mirex

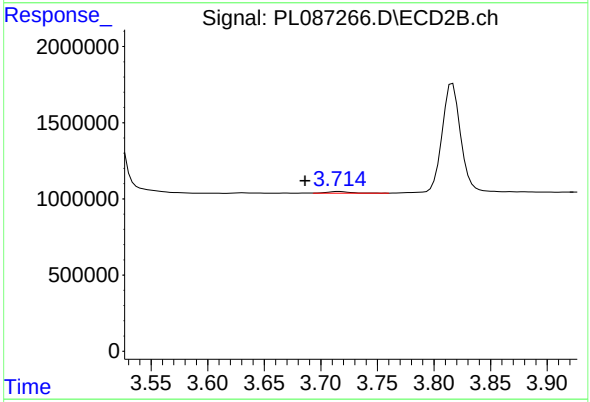
R.T.: 6.937 min
Delta R.T.: -0.022 min
Response: 80128
Conc: 0.05 ng/ml



#23 Chlordane-1

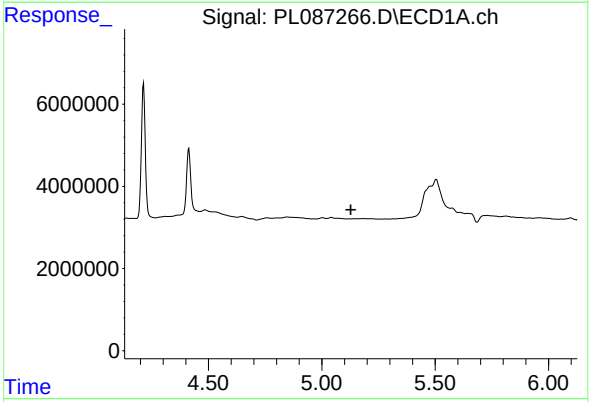
R.T.: 0.000 min
Exp R.T. : 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



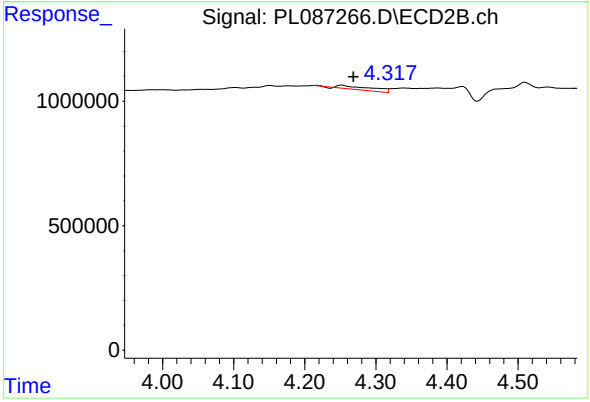
#23 Chlordane-1

R.T.: 3.716 min
Delta R.T.: 0.030 min
Response: 157825
Conc: 2.54 ng/ml



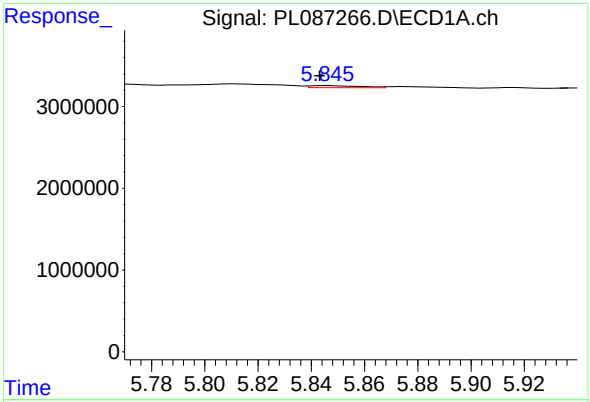
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.128 min
Response: 0
Conc: N.D.



#24 Chlordane-2

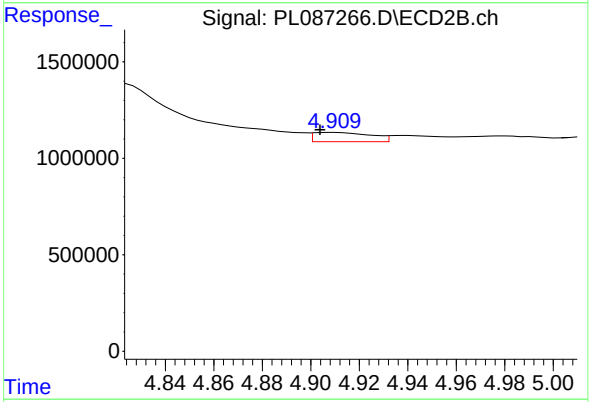
R.T.: 4.252 min
Delta R.T.: -0.016 min
Response: 500421
Conc: 6.52 ng/ml



#25 Chlordane-3

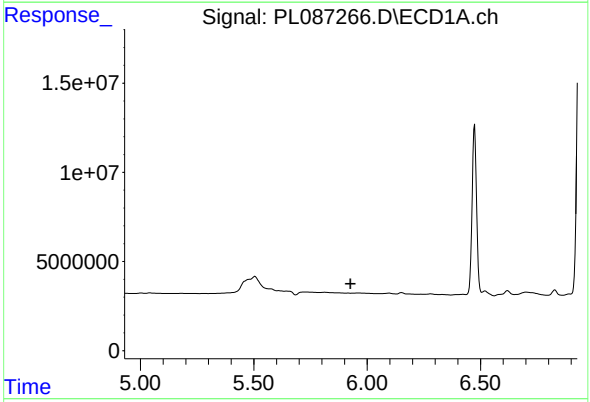
R.T.: 5.846 min
Delta R.T.: 0.003 min
Response: 347446
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



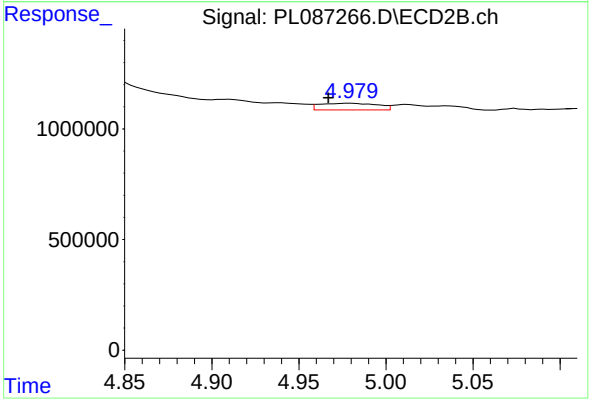
#25 Chlordane-3

R.T.: 4.910 min
Delta R.T.: 0.006 min
Response: 786858
Conc: 3.56 ng/ml



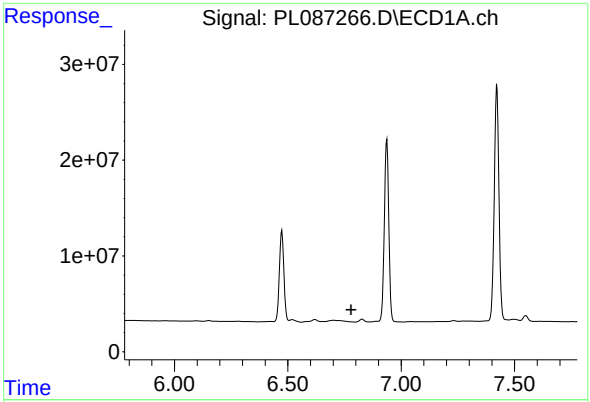
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.927 min
Response: 0
Conc: N.D.



#26 Chlordane-4

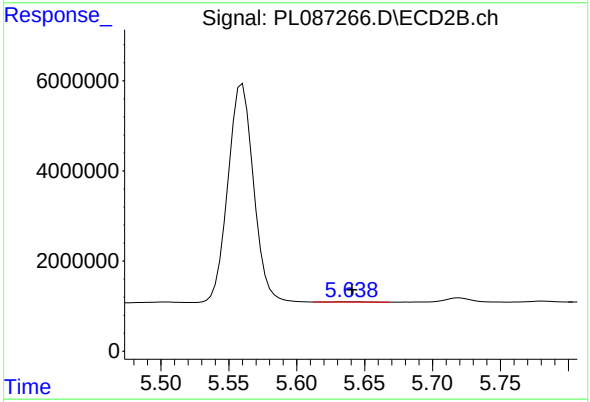
R.T.: 4.980 min
Delta R.T.: 0.013 min
Response: 692670
Conc: 2.98 ng/ml



#27 Chlordane-5

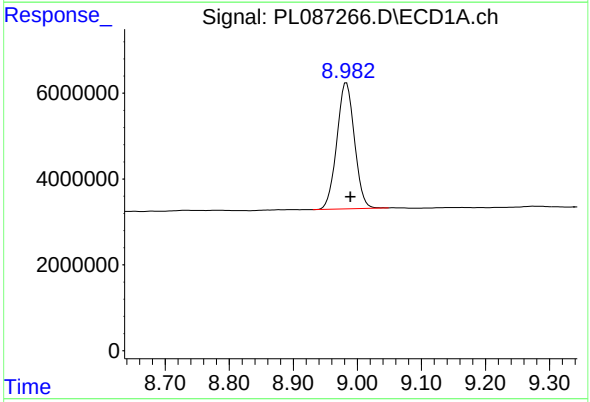
R.T.: 0.000 min
Exp R.T. : 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



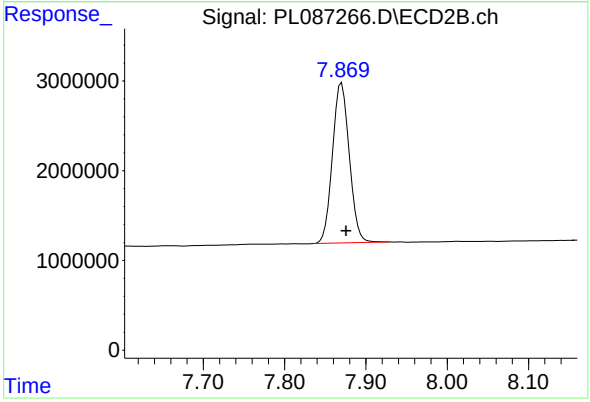
#27 Chlordane-5

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 77472
Conc: 1.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: -0.006 min
Response: 56021466
Conc: 16.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.005 min
Response: 25722398
Conc: 15.23 ng/ml