Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100821\
Data File : PL070186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2021 09:34
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: Oct 09 00:06:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
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...	4.636	5.568	9622715	27883539	19.231	21.082	
28)	SA Decachlor...	10.400	11.495	15163033	26320216	21.913	21.749	
	Target Compounds							
2)	A alpha-BHC	5.342	6.150	5860553	18794958	7.917	9.609	
3)	MA gamma-BHC...	5.765	6.546	5810853	18019956	8.322	9.835	
4)	MA Heptachlor	6.146f	7.185	4197951	216569	5.511	0.116	#
5)	MB Aldrin	0.000	7.575	0	56015	N.D.	0.033	#
6)	B beta-BHC	6.146	6.801	4197951	15580066	12.504	18.119	#
7)	B delta-BHC	0.000	7.086f	0	1690229	N.D.	0.873	#
9)	A Endosulfan I	7.494f	8.449	82370	66272	0.123	0.045	#
10)	B gamma-Chl...	0.000	8.299	0	197756	N.D.	0.124	#
11)	B alpha-Chl...	7.440f	8.357f	59660	40075	0.082	0.025	#
12)	B 4,4'-DDE	7.636	8.573	144391	198264	0.227	0.128	#
13)	MA Dieldrin	0.000	8.731	0	55030	N.D.	0.036	#
14)	MA Endrin	8.055	8.969	29302795	69453019	46.370	55.291	
15)	B Endosulfa...	8.336f	9.217f	3476291	1118496	5.480	0.936	#
16)	A 4,4'-DDD	8.220	9.113	184884	123670	0.330	0.105	#
17)	MA 4,4'-DDT	8.482	9.429	60434146	142.9E6	98.795	109.327	
18)	B Endrin al...	8.580f	9.348	529973	13900	1.070	0.014	#
19)	B Endosulfa...	8.805f	9.569	64283	41096	0.097	0.034	#
20)	A Methoxychlor	9.076	9.915	86489662	176.1E6	231.627	272.067	
21)	B Endrin ke...	9.302	10.076	431606	1000554	0.565	0.748	#
23)	Chlordane-1	0.000	6.962	0	420907	N.D.	9.169	#
24)	Chlordane-2	6.648	7.552	32337	141960	1.280	2.634	#
25)	Chlordane-3	0.000	8.299	0	197756	N.D.	0.934	#
26)	Chlordane-4	7.440f	8.409f	59660	134845	0.816	0.531	#
27)	Chlordane-5	0.000	9.278	0	170	N.D.	0.004	#

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

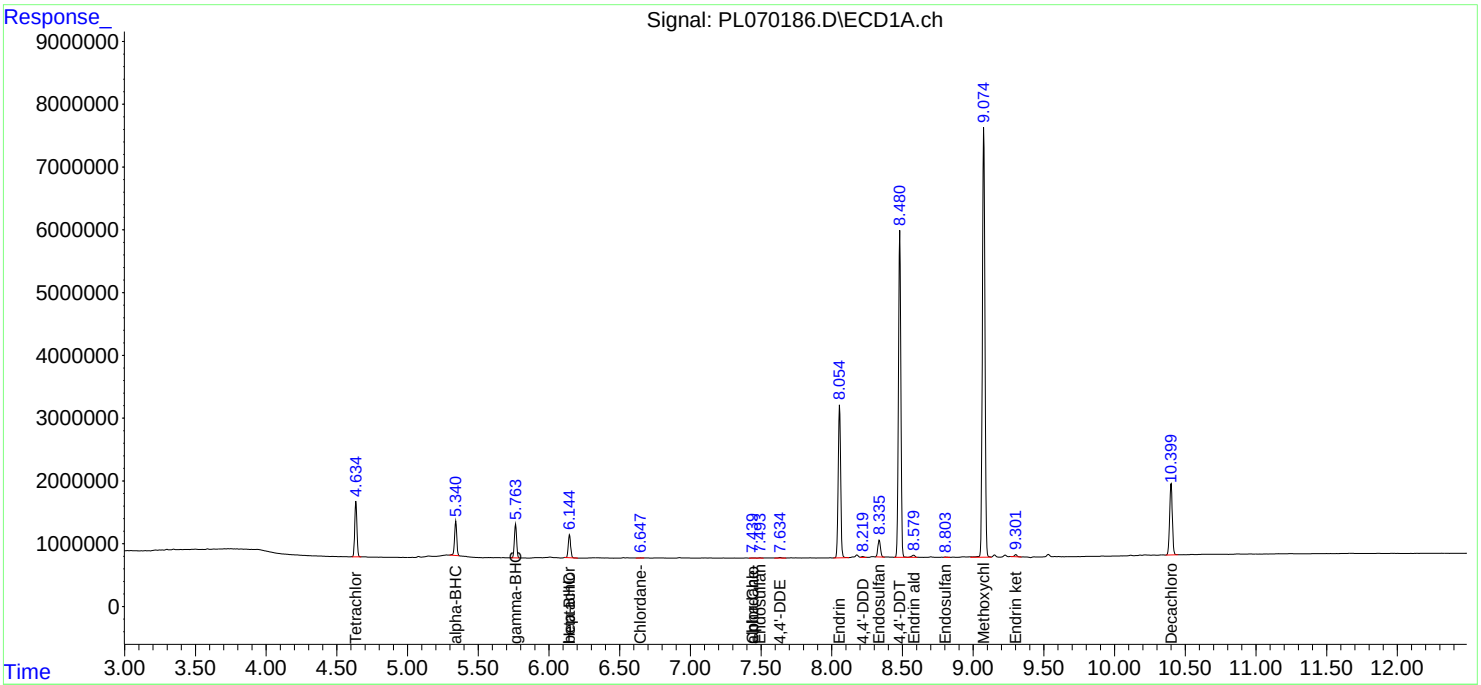
Quantitation Report (Not Reviewed)

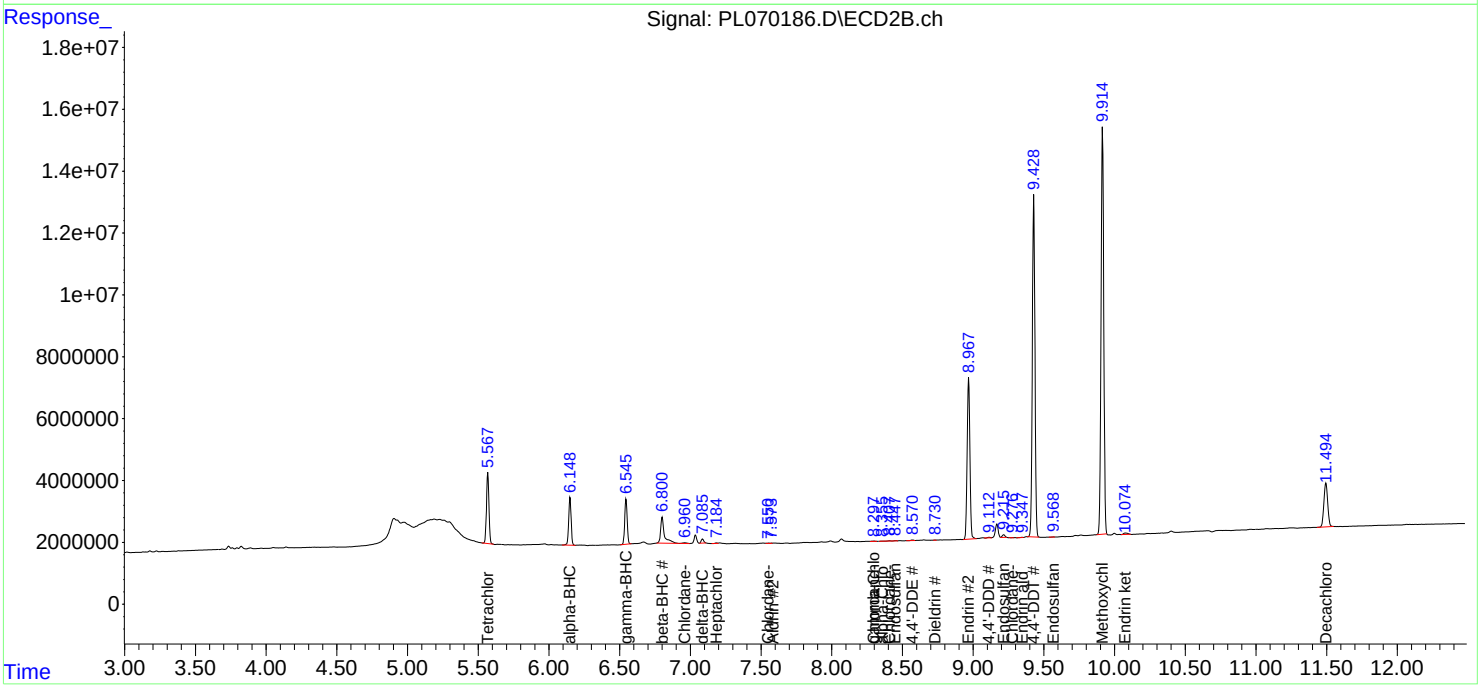
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100821\
Data File : PL070186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2021 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

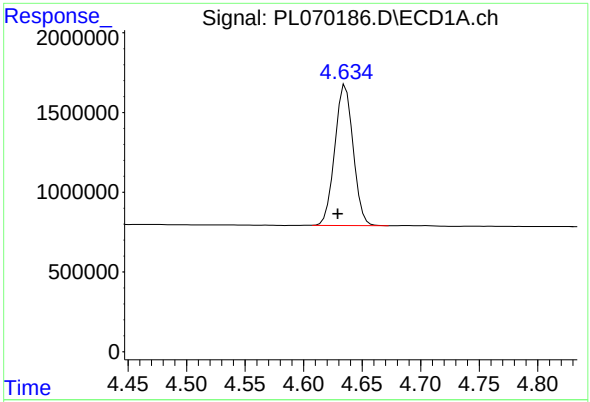
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 00:06:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 2021
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



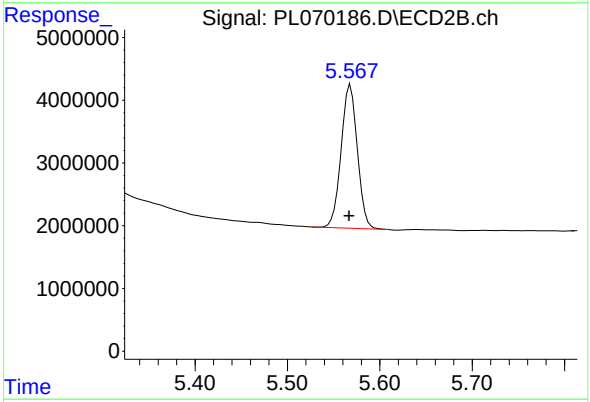




#1 Tetrachloro-m-xylene

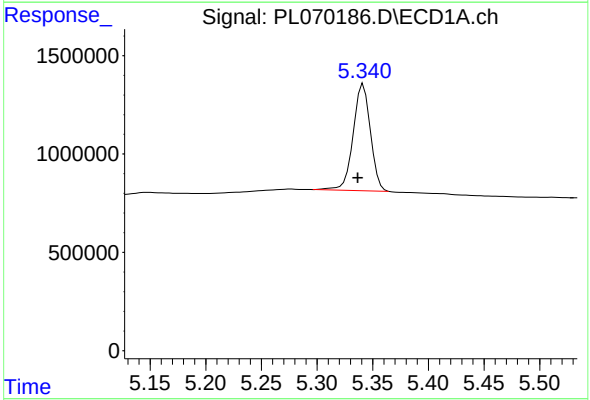
R.T.: 4.636 min
Delta R.T.: 0.007 min
Response: 9622715
Conc: 19.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



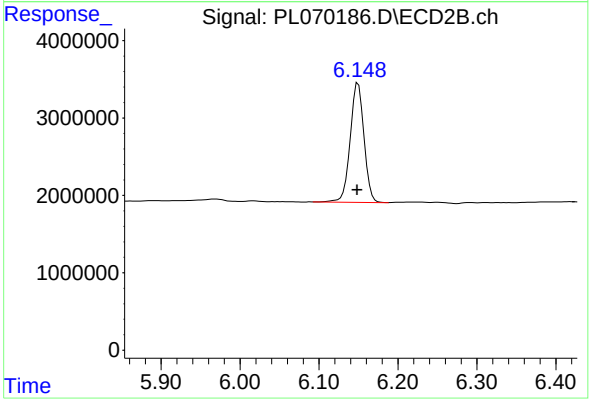
#1 Tetrachloro-m-xylene

R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 27883539
Conc: 21.08 ng/ml



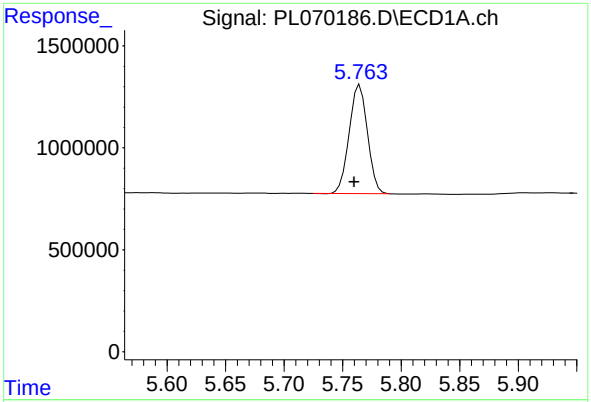
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: 0.005 min
Response: 5860553
Conc: 7.92 ng/ml



#2 alpha-BHC

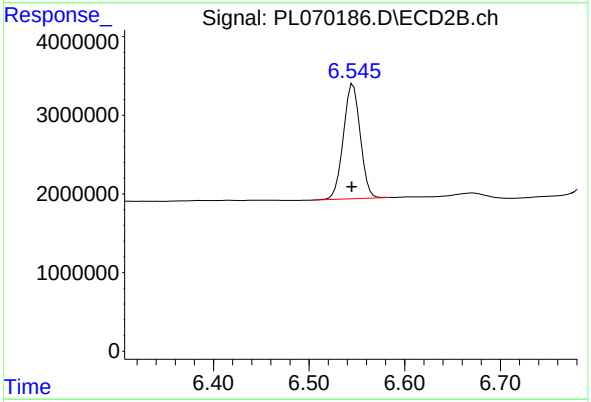
R.T.: 6.150 min
Delta R.T.: 0.002 min
Response: 18794958
Conc: 9.61 ng/ml



#3 gamma-BHC (Lindane)

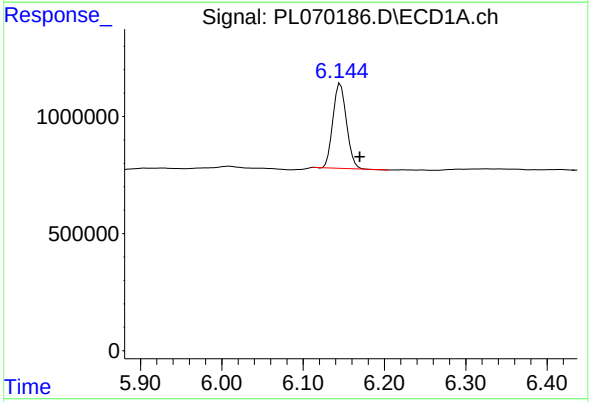
R.T.: 5.765 min
Delta R.T.: 0.005 min
Response: 5810853
Conc: 8.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



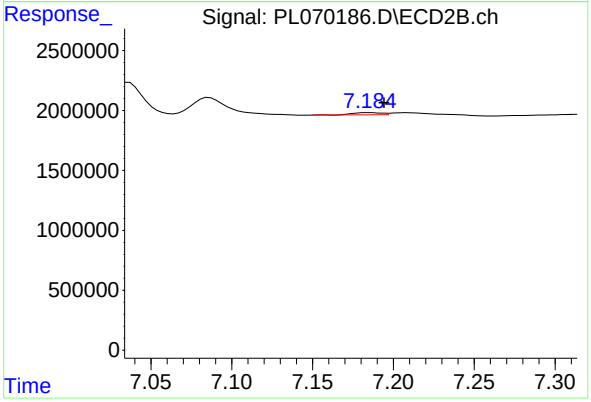
#3 gamma-BHC (Lindane)

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 18019956
Conc: 9.84 ng/ml



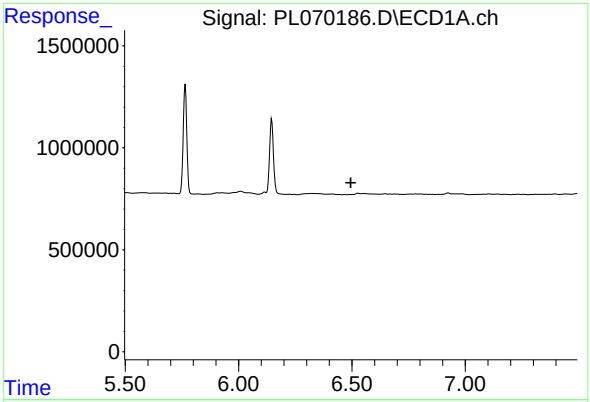
#4 Heptachlor

R.T.: 6.146 min
Delta R.T.: -0.024 min
Response: 4197951
Conc: 5.51 ng/ml



#4 Heptachlor

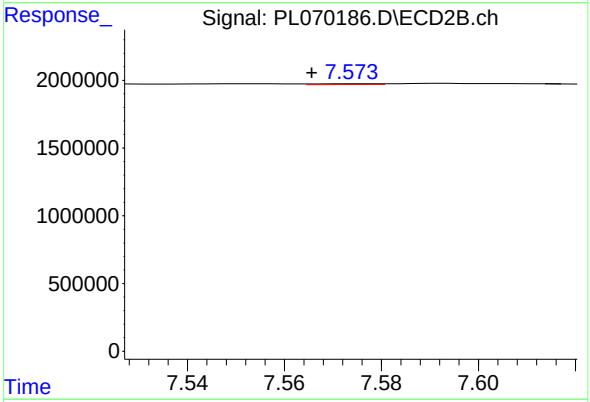
R.T.: 7.185 min
Delta R.T.: -0.009 min
Response: 216569
Conc: 0.12 ng/ml



#5 Aldrin

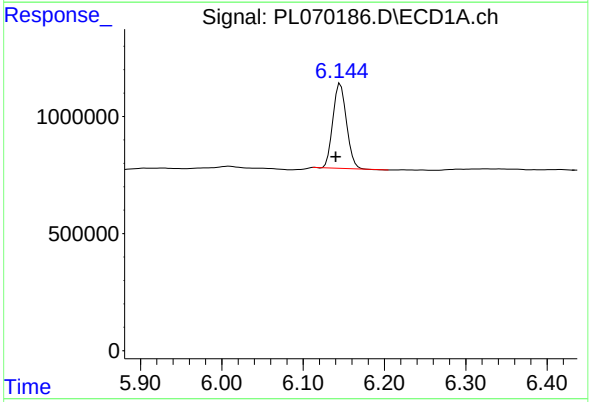
R.T.: 0.000 min
Exp R.T. : 6.495 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



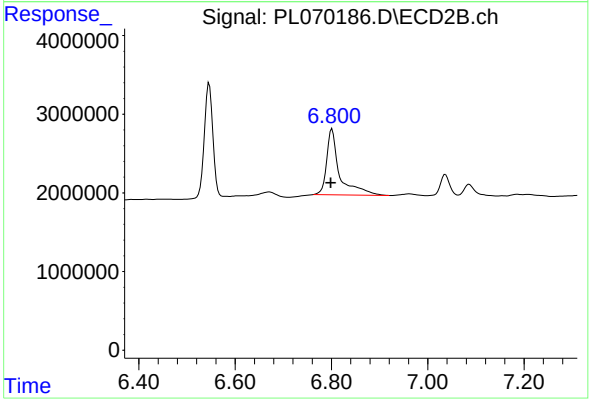
#5 Aldrin

R.T.: 7.575 min
Delta R.T.: 0.009 min
Response: 56015
Conc: 0.03 ng/ml



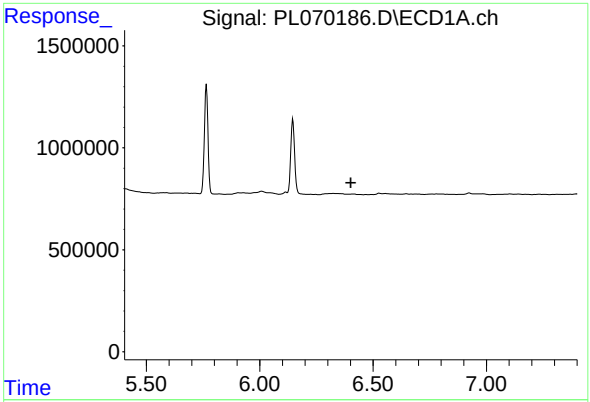
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: 0.006 min
Response: 4197951
Conc: 12.50 ng/ml



#6 beta-BHC

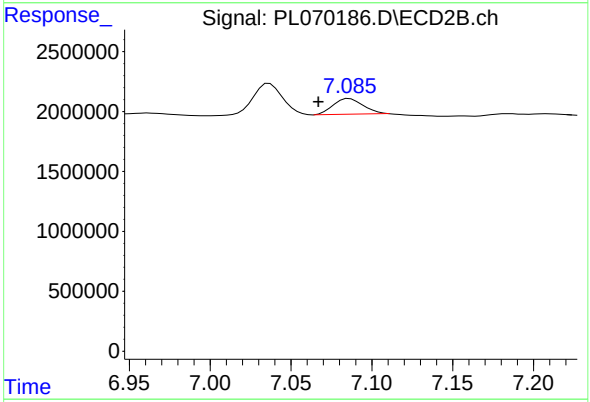
R.T.: 6.801 min
Delta R.T.: 0.003 min
Response: 15580066
Conc: 18.12 ng/ml



#7 delta-BHC

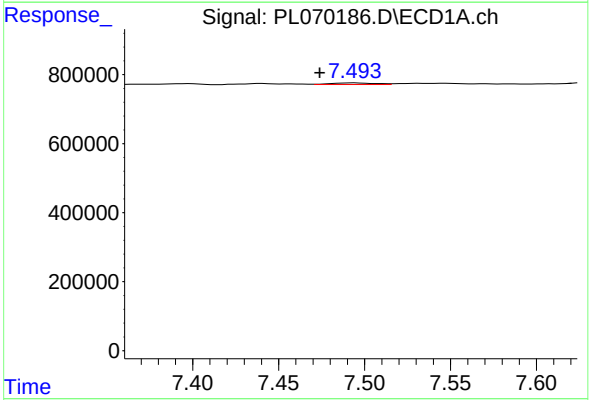
R.T.: 0.000 min
Exp R.T. : 6.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



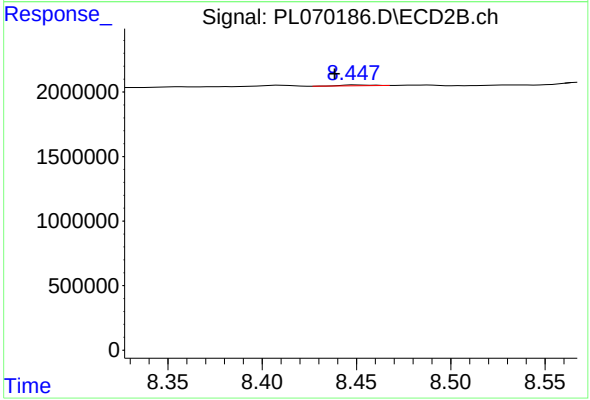
#7 delta-BHC

R.T.: 7.086 min
Delta R.T.: 0.019 min
Response: 1690229
Conc: 0.87 ng/ml



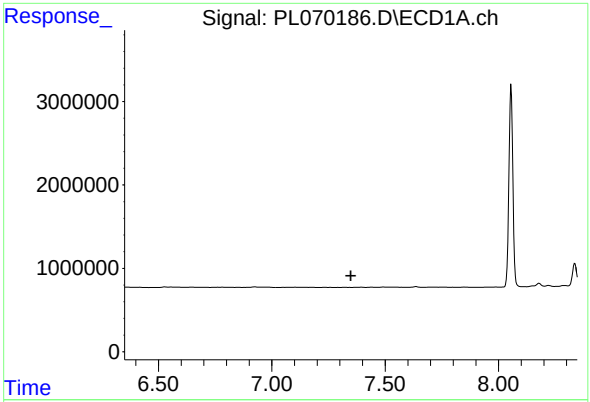
#9 Endosulfan I

R.T.: 7.494 min
Delta R.T.: 0.020 min
Response: 82370
Conc: 0.12 ng/ml



#9 Endosulfan I

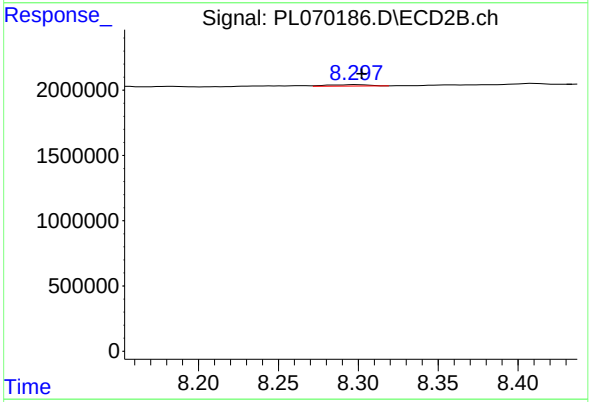
R.T.: 8.449 min
Delta R.T.: 0.010 min
Response: 66272
Conc: 0.05 ng/ml



#10 gamma-Chlordane

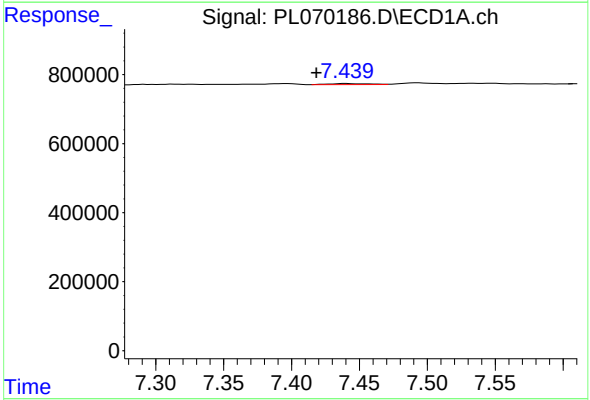
R.T.: 0.000 min
Exp R.T. : 7.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



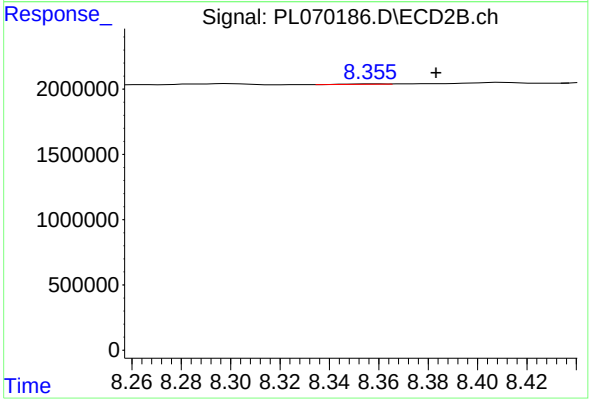
#10 gamma-Chlordane

R.T.: 8.299 min
Delta R.T.: -0.003 min
Response: 197756
Conc: 0.12 ng/ml



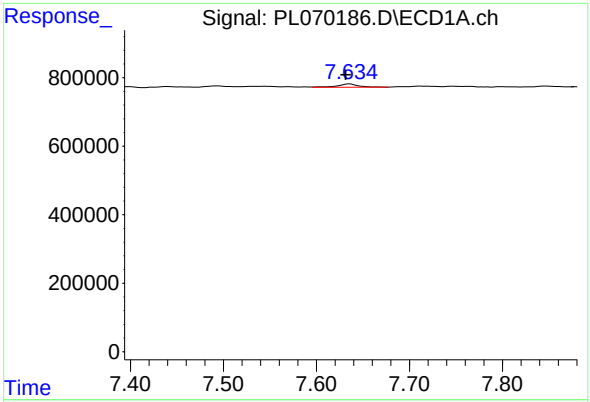
#11 alpha-Chlordane

R.T.: 7.440 min
Delta R.T.: 0.022 min
Response: 59660
Conc: 0.08 ng/ml



#11 alpha-Chlordane

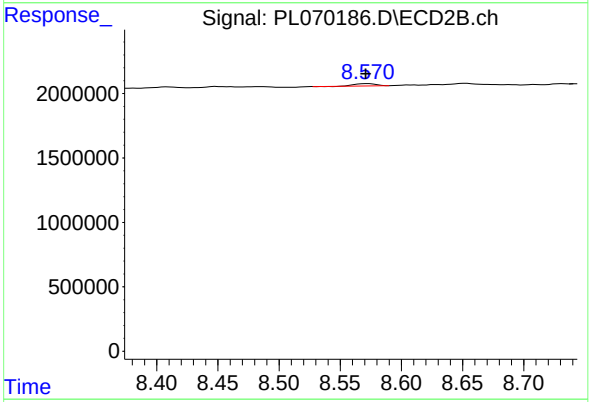
R.T.: 8.357 min
Delta R.T.: -0.026 min
Response: 40075
Conc: 0.03 ng/ml



#12 4,4'-DDE

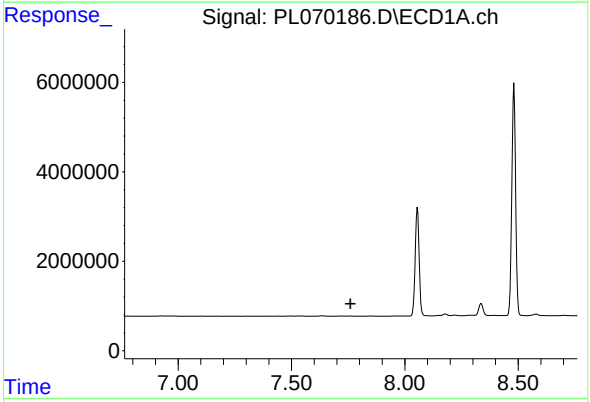
R.T.: 7.636 min
Delta R.T.: 0.004 min
Response: 144391
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



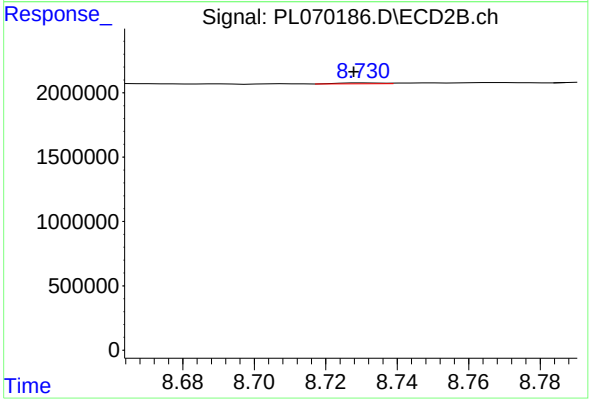
#12 4,4'-DDE

R.T.: 8.573 min
Delta R.T.: 0.002 min
Response: 198264
Conc: 0.13 ng/ml



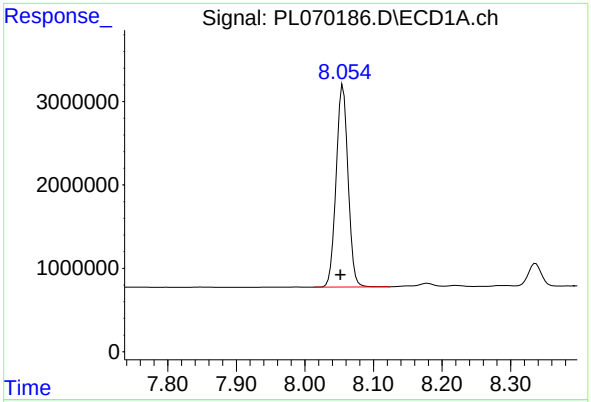
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 7.761 min
Response: 0
Conc: N.D.



#13 Dieldrin

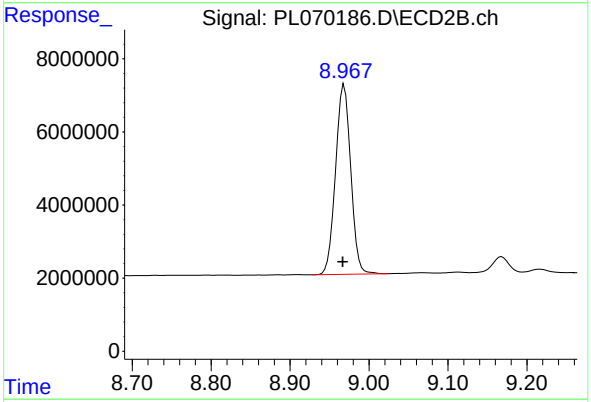
R.T.: 8.731 min
Delta R.T.: 0.003 min
Response: 55030
Conc: 0.04 ng/ml



#14 Endrin

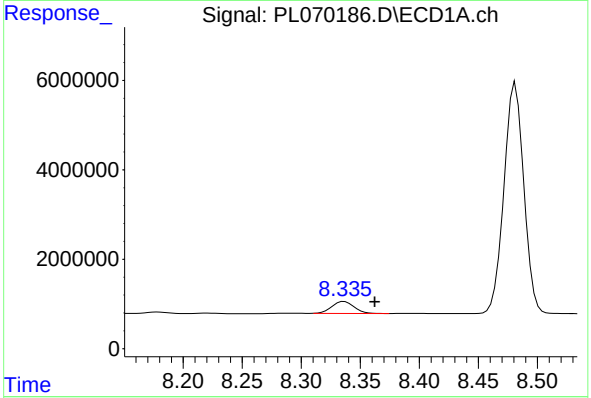
R.T.: 8.055 min
Delta R.T.: 0.004 min
Response: 29302795
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



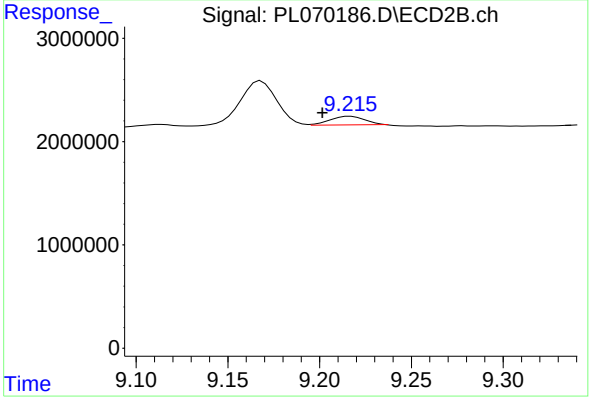
#14 Endrin

R.T.: 8.969 min
Delta R.T.: 0.002 min
Response: 69453019
Conc: 55.29 ng/ml



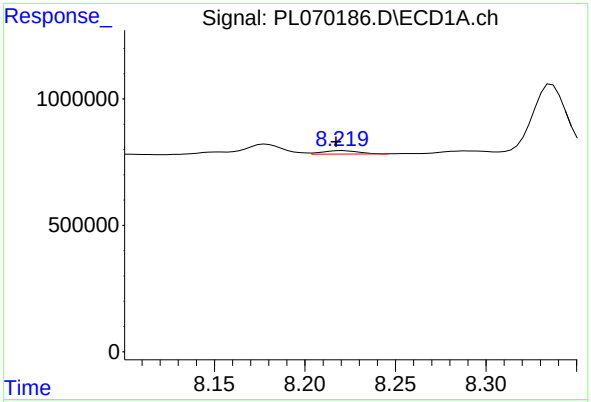
#15 Endosulfan II

R.T.: 8.336 min
Delta R.T.: -0.026 min
Response: 3476291
Conc: 5.48 ng/ml



#15 Endosulfan II

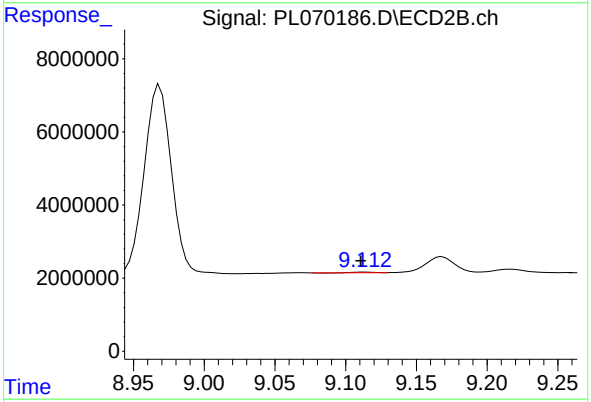
R.T.: 9.217 min
Delta R.T.: 0.015 min
Response: 1118496
Conc: 0.94 ng/ml



#16 4,4'-DDD

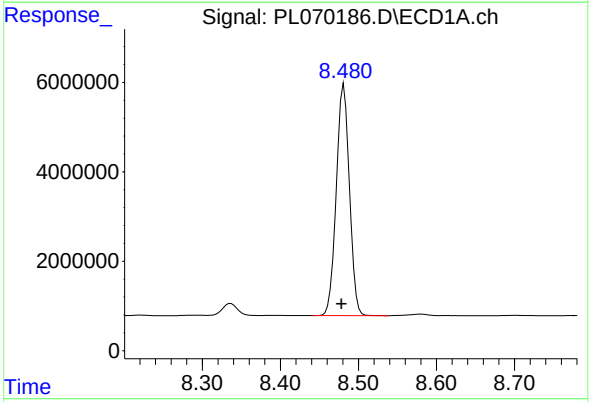
R.T.: 8.220 min
Delta R.T.: 0.003 min
Response: 184884
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



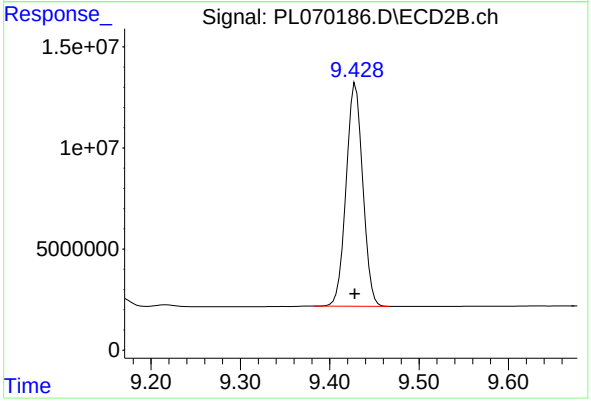
#16 4,4'-DDD

R.T.: 9.113 min
Delta R.T.: 0.003 min
Response: 123670
Conc: 0.10 ng/ml



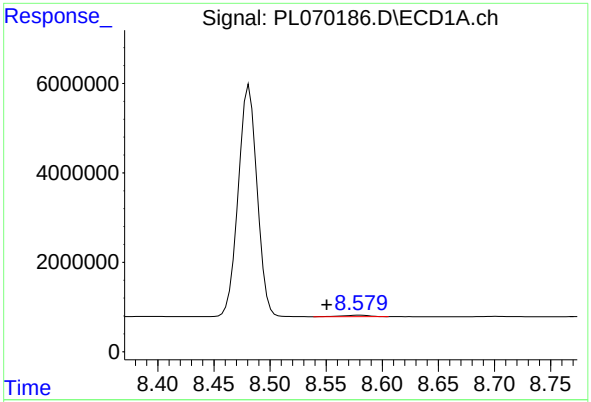
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: 0.003 min
Response: 60434146
Conc: 98.80 ng/ml



#17 4,4'-DDT

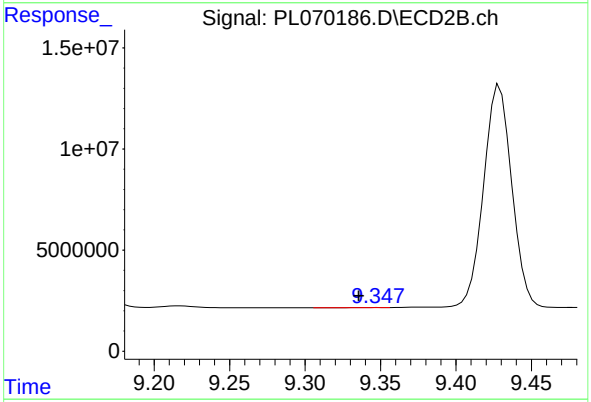
R.T.: 9.429 min
Delta R.T.: 0.000 min
Response: 142872145
Conc: 109.33 ng/ml



#18 Endrin aldehyde

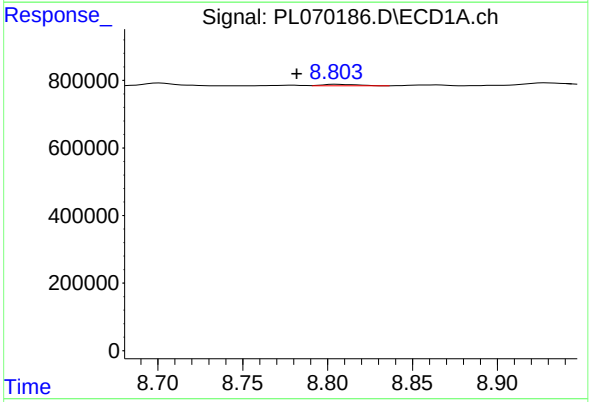
R.T.: 8.580 min
Delta R.T.: 0.030 min
Response: 529973
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



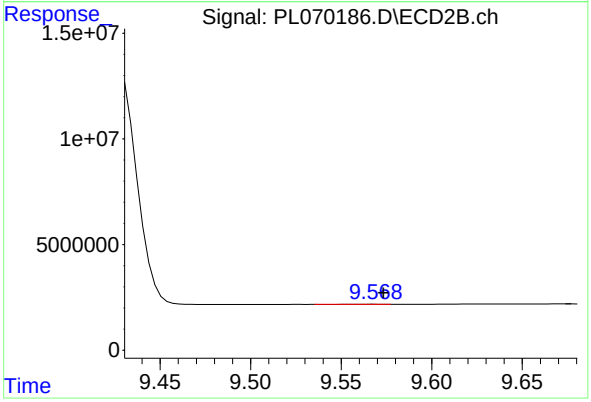
#18 Endrin aldehyde

R.T.: 9.348 min
Delta R.T.: 0.012 min
Response: 13900
Conc: 0.01 ng/ml



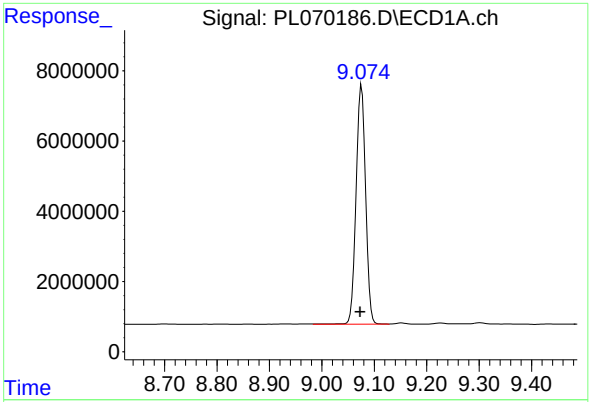
#19 Endosulfan Sulfate

R.T.: 8.805 min
Delta R.T.: 0.023 min
Response: 64283
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

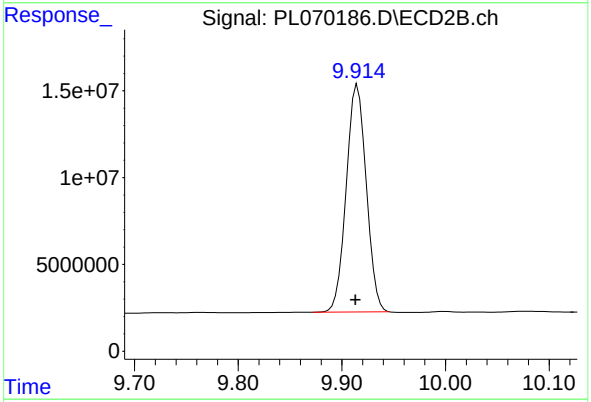
R.T.: 9.569 min
Delta R.T.: -0.004 min
Response: 41096
Conc: 0.03 ng/ml



#20 Methoxychlor

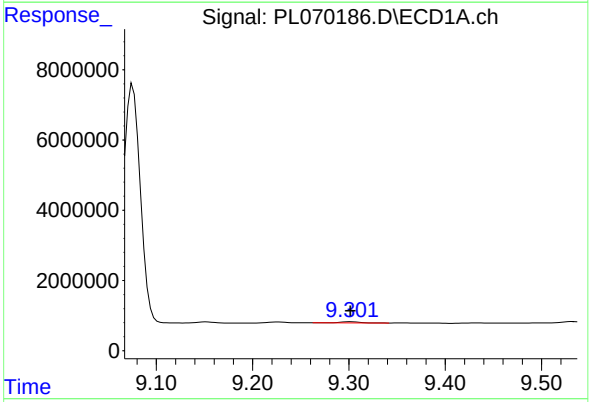
R.T.: 9.076 min
Delta R.T.: 0.003 min
Response: 86489662
Conc: 231.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



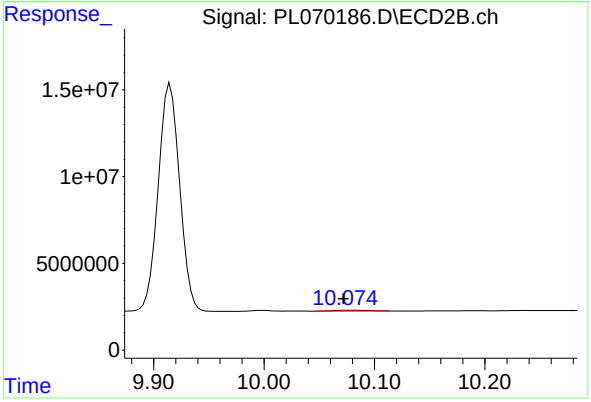
#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 176064793
Conc: 272.07 ng/ml



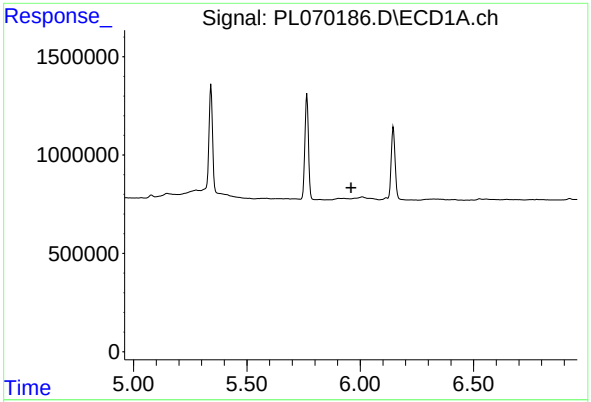
#21 Endrin ketone

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 431606
Conc: 0.56 ng/ml



#21 Endrin ketone

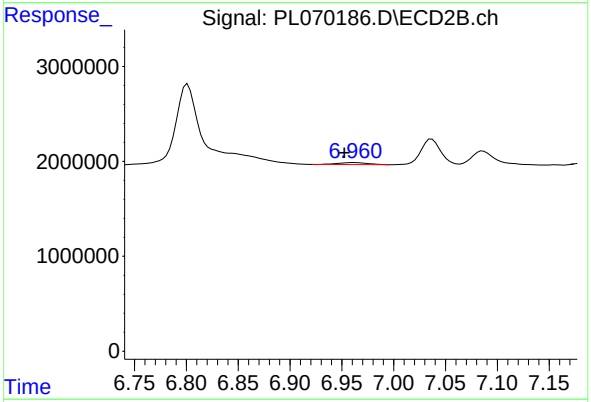
R.T.: 10.076 min
Delta R.T.: 0.004 min
Response: 1000554
Conc: 0.75 ng/ml



#23 Chlordane-1

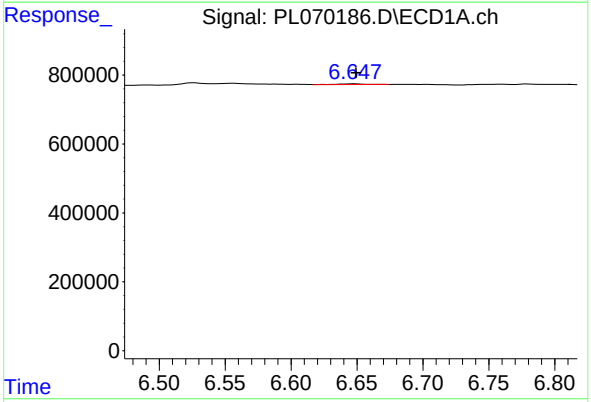
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



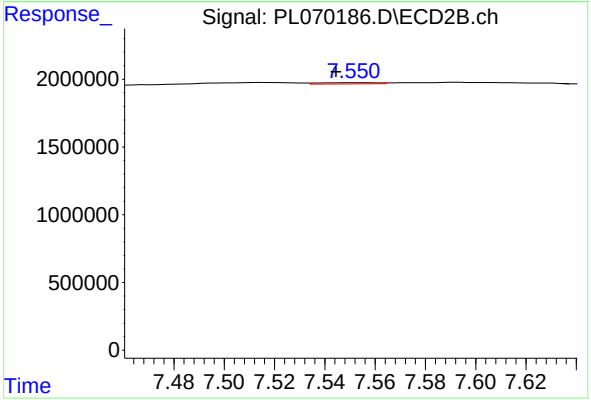
#23 Chlordane-1

R.T.: 6.962 min
Delta R.T.: 0.009 min
Response: 420907
Conc: 9.17 ng/ml



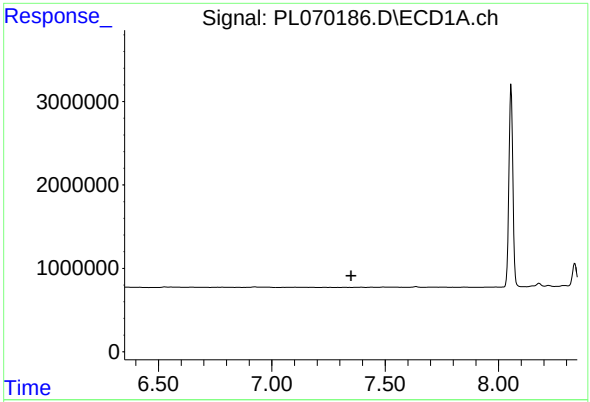
#24 Chlordane-2

R.T.: 6.648 min
Delta R.T.: -0.001 min
Response: 32337
Conc: 1.28 ng/ml



#24 Chlordane-2

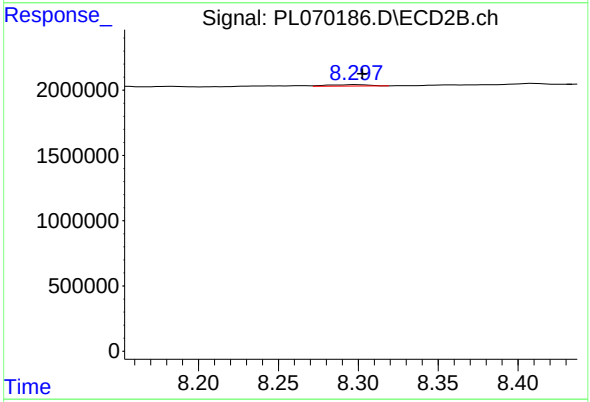
R.T.: 7.552 min
Delta R.T.: 0.007 min
Response: 141960
Conc: 2.63 ng/ml



#25 Chlordane-3

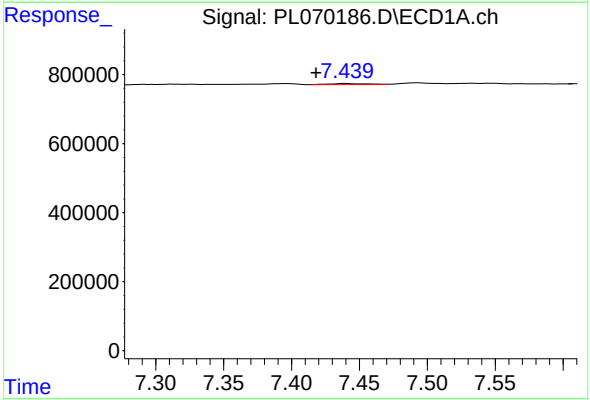
R.T.: 0.000 min
Exp R.T. : 7.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



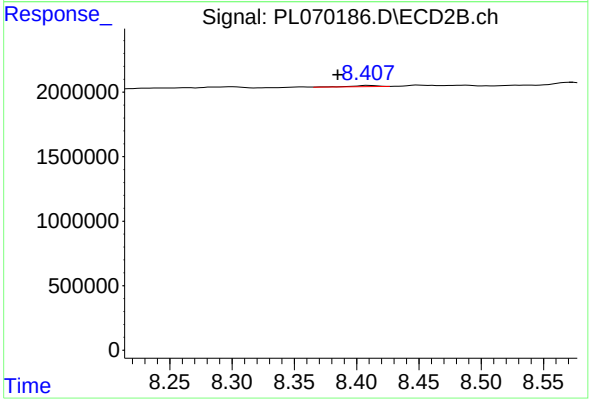
#25 Chlordane-3

R.T.: 8.299 min
Delta R.T.: -0.004 min
Response: 197756
Conc: 0.93 ng/ml



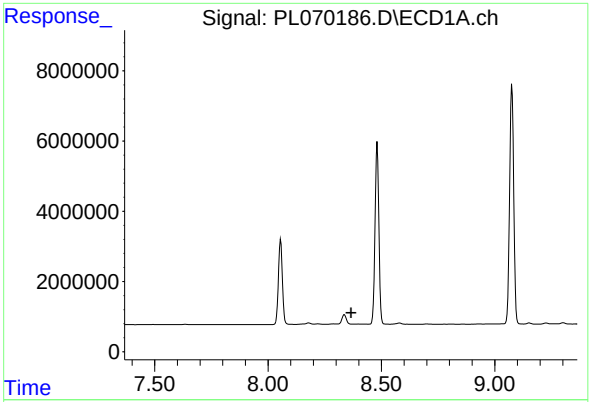
#26 Chlordane-4

R.T.: 7.440 min
Delta R.T.: 0.022 min
Response: 59660
Conc: 0.82 ng/ml



#26 Chlordane-4

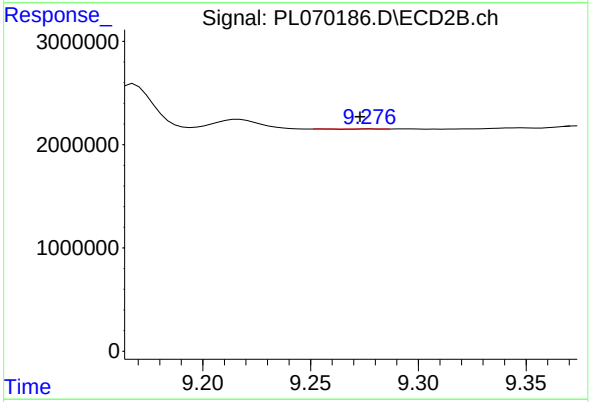
R.T.: 8.409 min
Delta R.T.: 0.024 min
Response: 134845
Conc: 0.53 ng/ml



#27 Chlordane-5

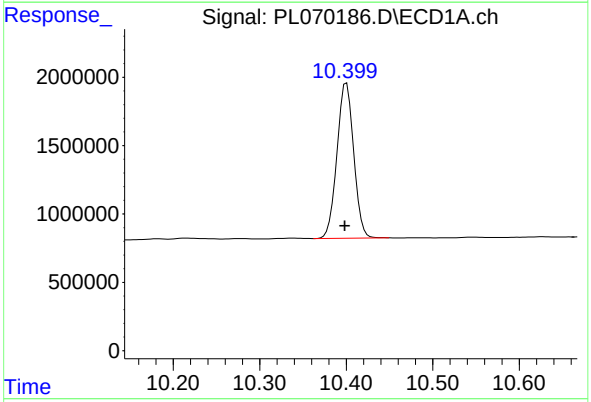
R.T.: 0.000 min
Exp R.T. : 8.367 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



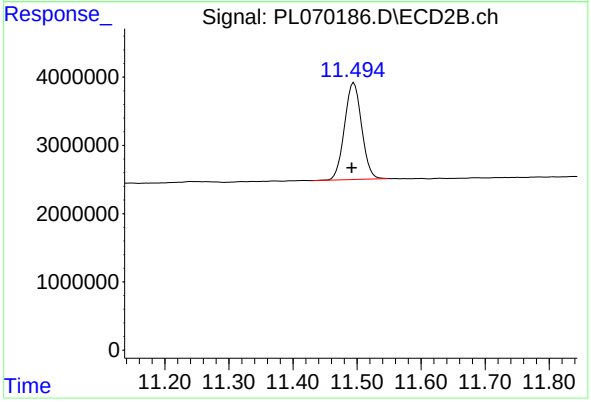
#27 Chlordane-5

R.T.: 9.278 min
Delta R.T.: 0.005 min
Response: 170
Conc: 0.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: 0.002 min
Response: 15163033
Conc: 21.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.495 min
Delta R.T.: 0.003 min
Response: 26320216
Conc: 21.75 ng/ml