Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021522\
Data File : PL072725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2022 20:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 01:59:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
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...	4.553	5.489	10418305	36749392	21.637	21.275	
28)	SA Decachlor...	10.310	11.377	17983624	38352730	23.755	24.185	
	Target Compounds							
2)	A alpha-BHC	5.259	6.070	6323100	23387152	9.590	9.766	
3)	MA gamma-BHC...	5.682	6.466	6236793	22740568	9.924	9.877	
4)	MA Heptachlor	6.067f	7.104	3118172	131768	4.272	0.058	#
5)	MB Aldrin	6.407	0.000	3737	0	0.006	N.D.	#
6)	B beta-BHC	6.067	6.726	3118172	12407184	12.584	12.171	
7)	B delta-BHC	6.325	7.012f	28192	1687153	0.043	0.736	#
8)	B Heptachlo...	0.000	7.961	0	207152	N.D.	0.107	#
9)	A Endosulfan I	7.406	8.332f	25848	202151	0.044	0.116	#
10)	B gamma-Chl...	7.260	8.222	11116	523278	0.018	0.271	#
11)	B alpha-Chl...	7.326	8.303	34953	117466	0.055	0.062	
12)	B 4,4'-DDE	7.550	8.490	171911	501660	0.283	0.268	
13)	MA Dieldrin	7.680	0.000	208527	0	0.330	N.D.	#
14)	MA Endrin	7.968	8.882	33433486	91942105	57.073	58.352	
15)	B Endosulfa...	8.306f	9.140f	74048	724852	0.122	0.431	#
16)	A 4,4'-DDD	8.136	9.030	266438	826519	0.554	0.597	
17)	MA 4,4'-DDT	8.396	9.346	69123101	182.4E6	128.462	119.152	
18)	B Endrin al...	8.468	9.254	230134	232782	0.528	0.207	#
20)	A Methoxychlor	8.992	9.834	97793451	230.0E6	278.119	284.073	
21)	B Endrin ke...	9.216	9.988	536184	1010006	0.780	0.634	
22)	Mirex	9.422f	0.000	61321	0	0.103	N.D.	#
23)	Chlordane-1	5.868	0.000	8472	0	0.456	N.D.	#
24)	Chlordane-2	6.576	0.000	12598	0	0.498	N.D.	#
25)	Chlordane-3	7.260	8.222	11116	523278	0.165	1.751	#
26)	Chlordane-4	7.326	8.303	34953	117466	0.476	0.329	#
27)	Chlordane-5	8.306f	0.000	74048	0	2.886	N.D.	#

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

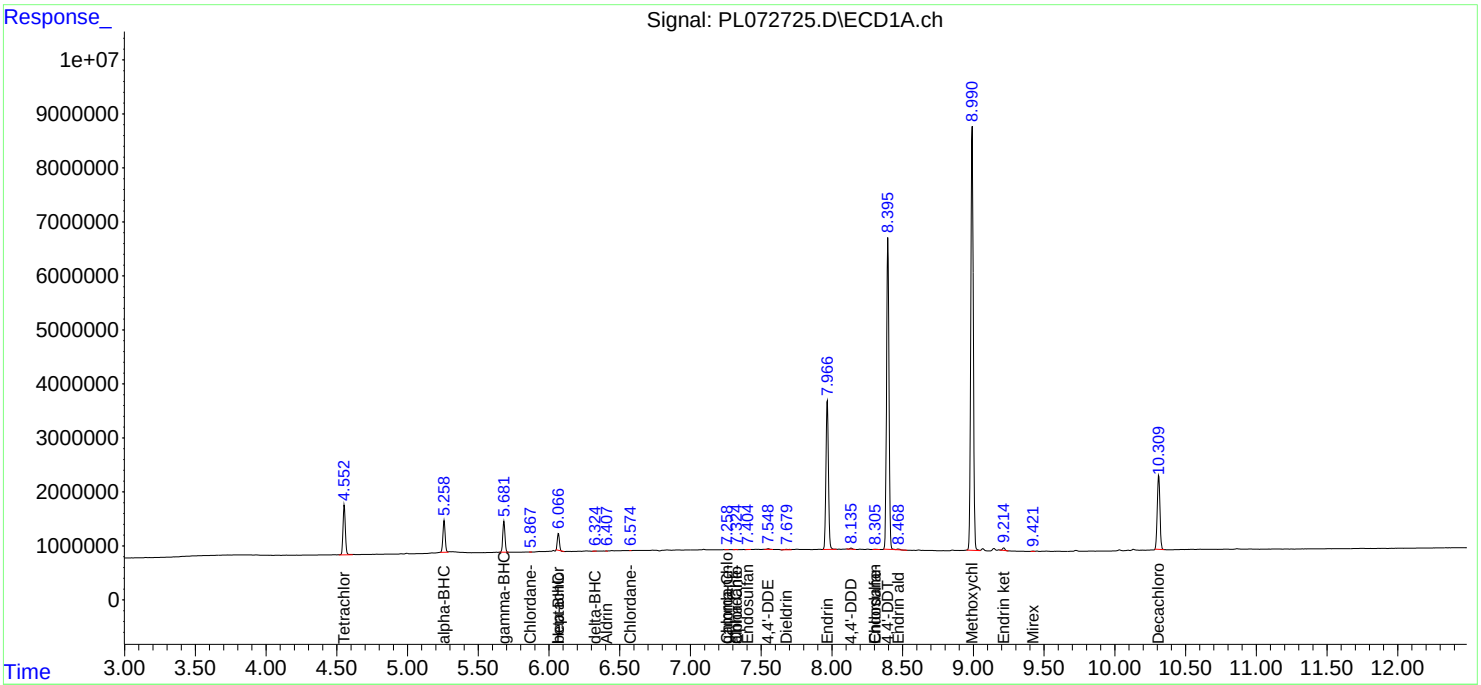
Quantitation Report (Not Reviewed)

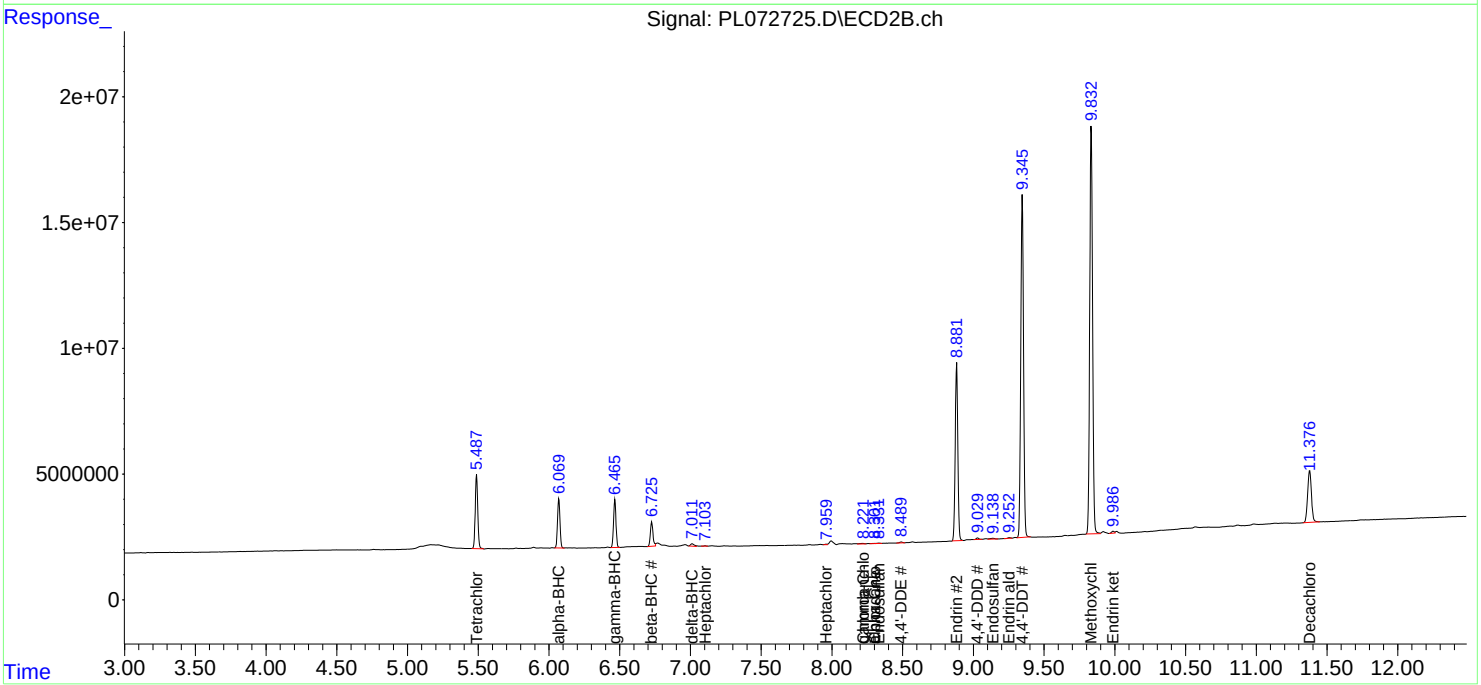
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021522\
Data File : PL072725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2022 20:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

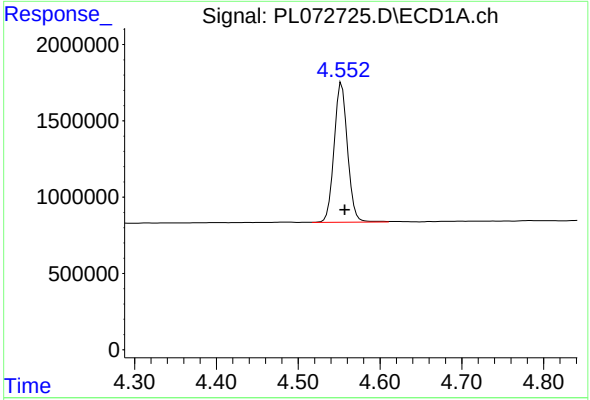
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 01:59:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
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



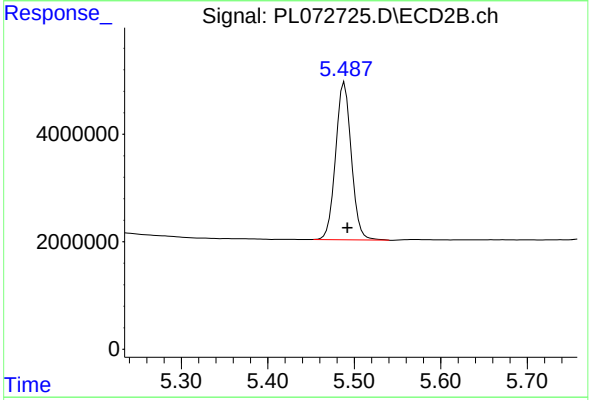




#1 Tetrachloro-m-xylene

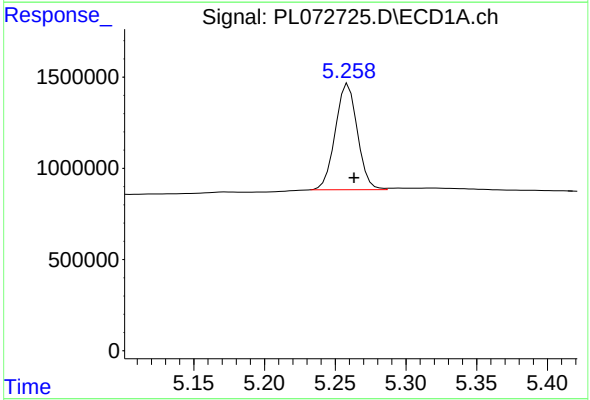
R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 10418305
Conc: 21.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



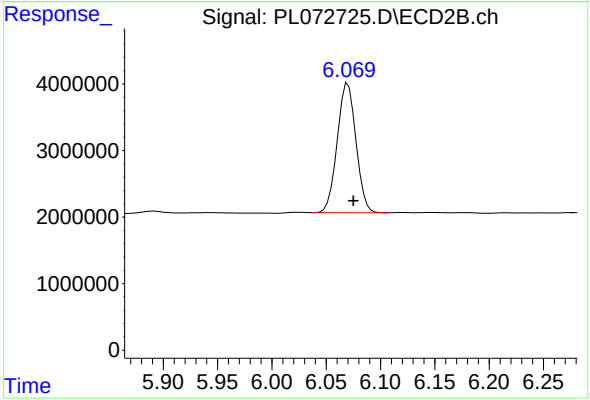
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 36749392
Conc: 21.27 ng/ml



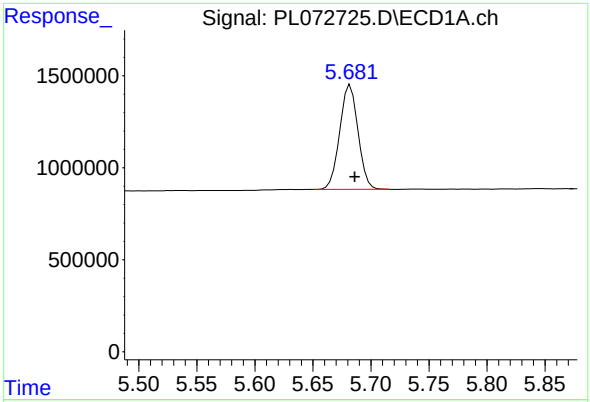
#2 alpha-BHC

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 6323100
Conc: 9.59 ng/ml



#2 alpha-BHC

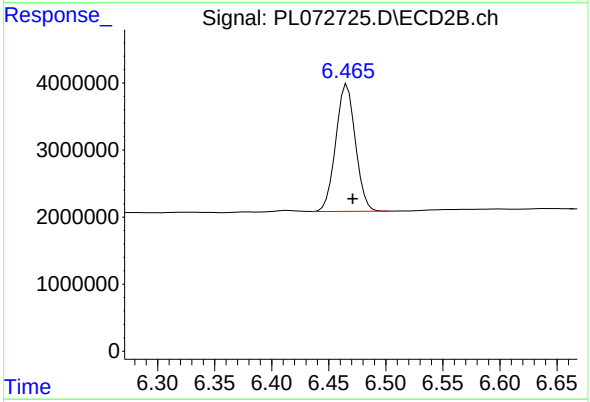
R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 23387152
Conc: 9.77 ng/ml



#3 gamma-BHC (Lindane)

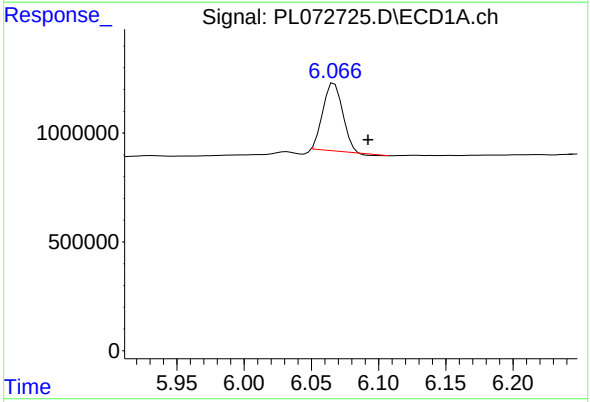
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 6236793
Conc: 9.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



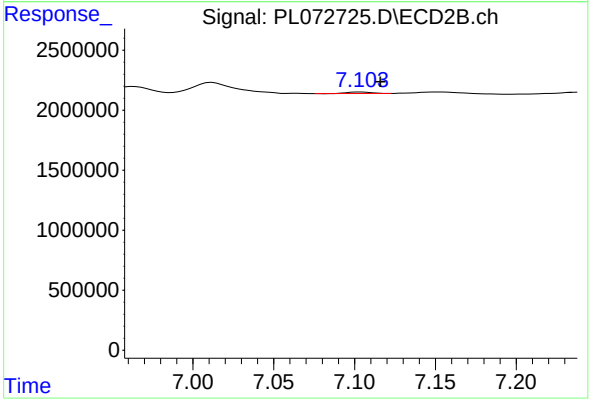
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 22740568
Conc: 9.88 ng/ml



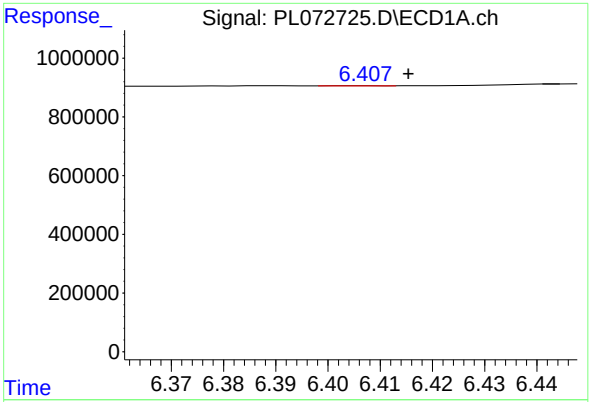
#4 Heptachlor

R.T.: 6.067 min
Delta R.T.: -0.025 min
Response: 3118172
Conc: 4.27 ng/ml



#4 Heptachlor

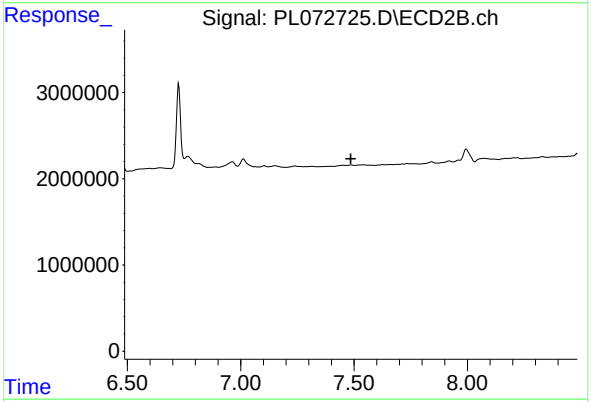
R.T.: 7.104 min
Delta R.T.: -0.012 min
Response: 131768
Conc: 0.06 ng/ml



#5 Aldrin

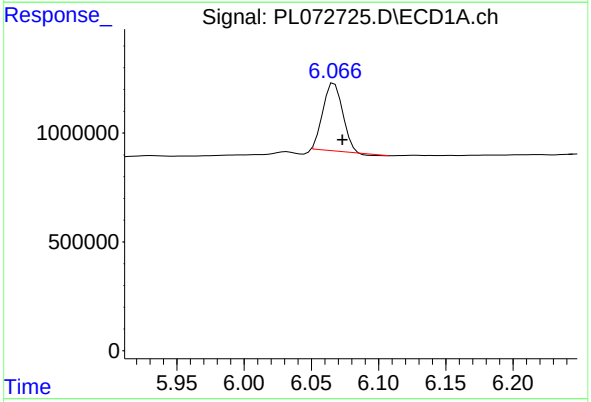
R.T.: 6.407 min
Delta R.T.: -0.008 min
Response: 3737
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



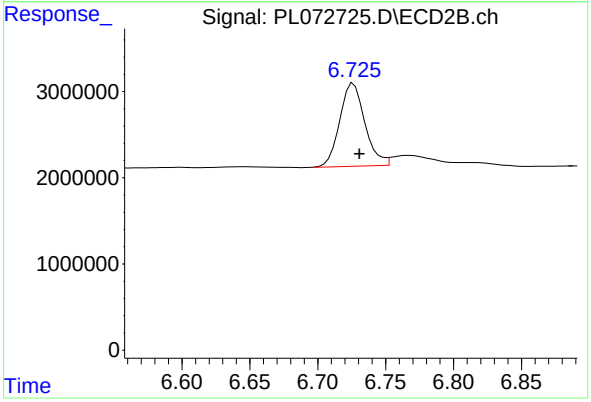
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 7.486 min
Response: 0
Conc: N.D.



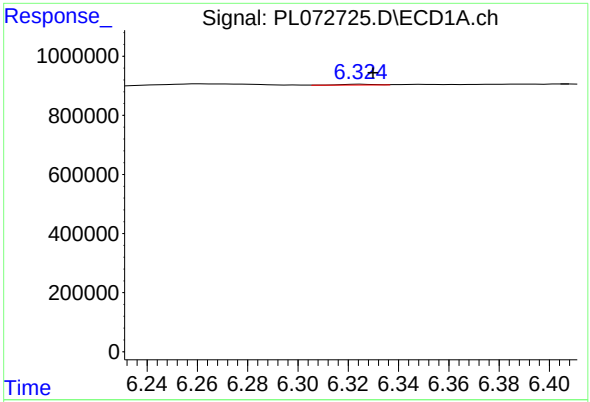
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 3118172
Conc: 12.58 ng/ml



#6 beta-BHC

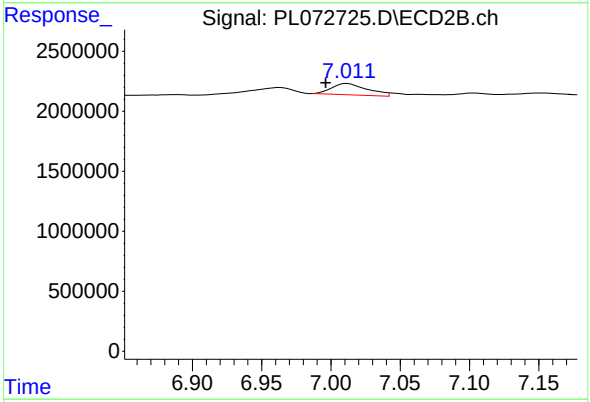
R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 12407184
Conc: 12.17 ng/ml



#7 delta-BHC

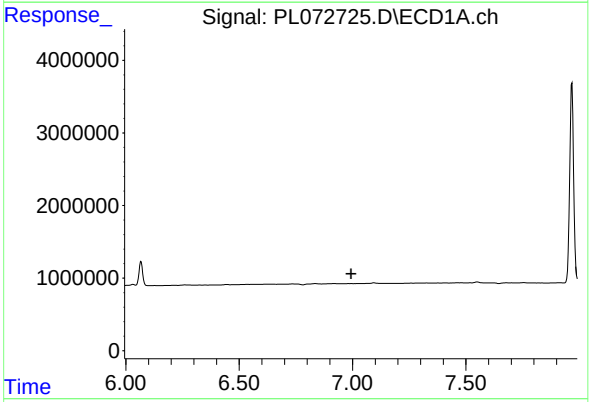
R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 28192
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



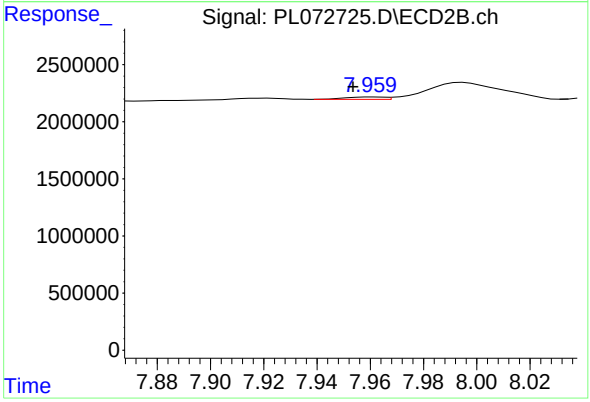
#7 delta-BHC

R.T.: 7.012 min
Delta R.T.: 0.016 min
Response: 1687153
Conc: 0.74 ng/ml



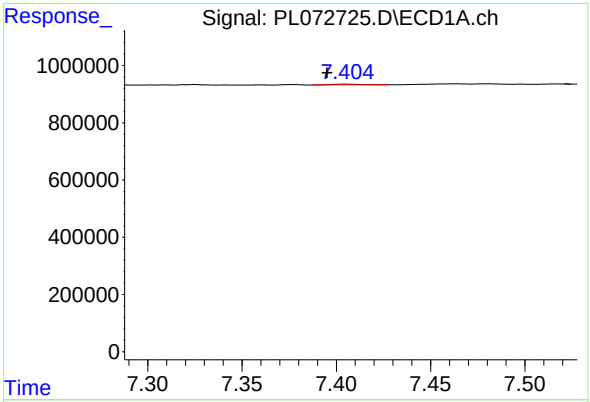
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 6.994 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

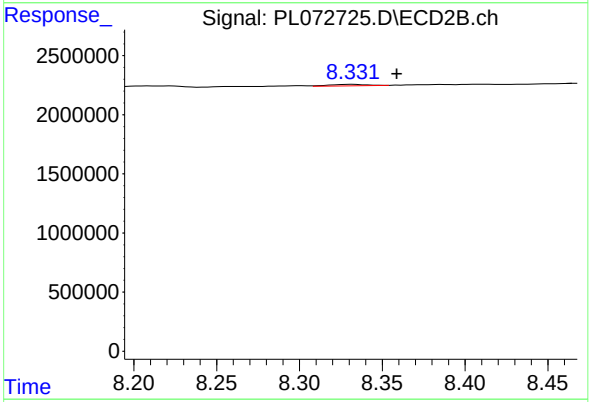
R.T.: 7.961 min
Delta R.T.: 0.007 min
Response: 207152
Conc: 0.11 ng/ml



#9 Endosulfan I

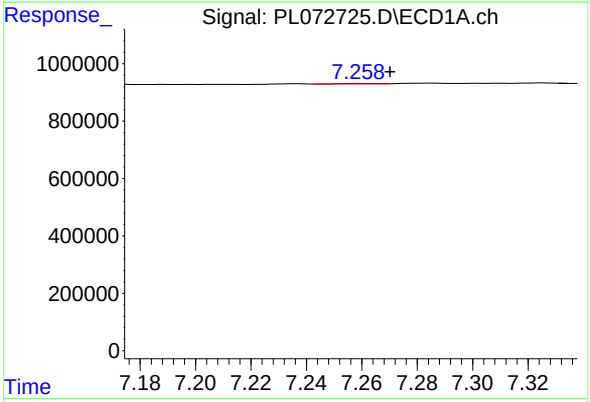
R.T.: 7.406 min
Delta R.T.: 0.011 min
Response: 25848
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



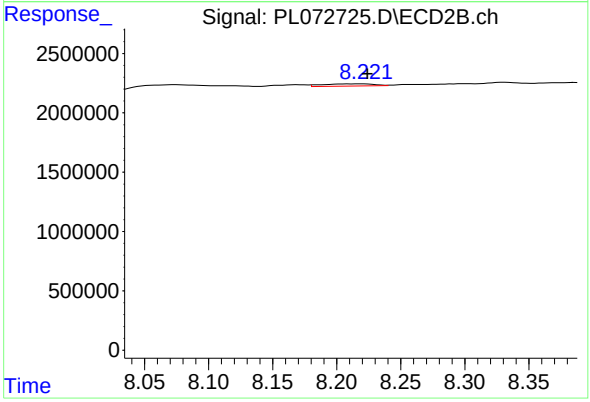
#9 Endosulfan I

R.T.: 8.332 min
Delta R.T.: -0.027 min
Response: 202151
Conc: 0.12 ng/ml



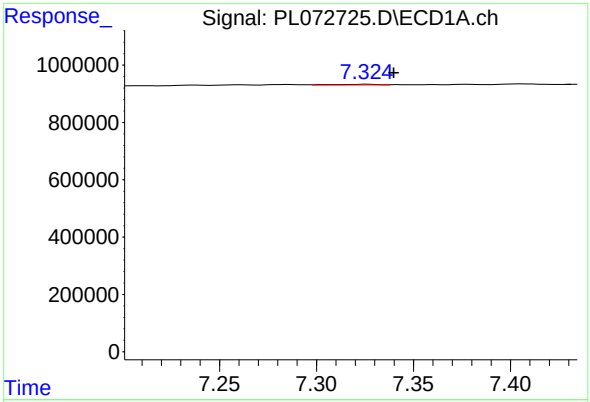
#10 gamma-Chlordane

R.T.: 7.260 min
Delta R.T.: -0.011 min
Response: 11116
Conc: 0.02 ng/ml



#10 gamma-Chlordane

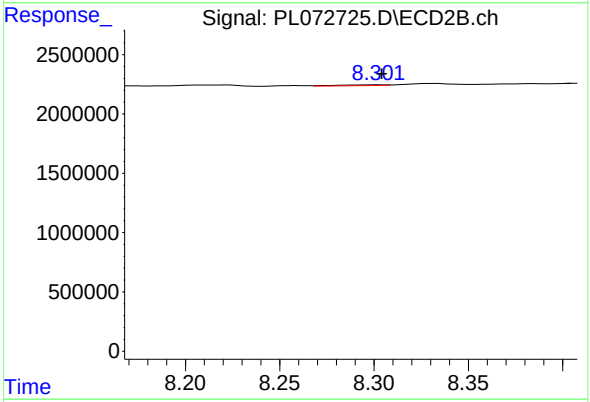
R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 523278
Conc: 0.27 ng/ml



#11 alpha-Chlordane

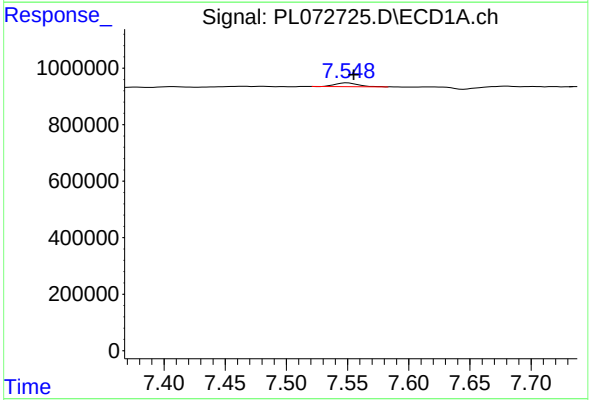
R.T.: 7.326 min
Delta R.T.: -0.014 min
Response: 34953
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



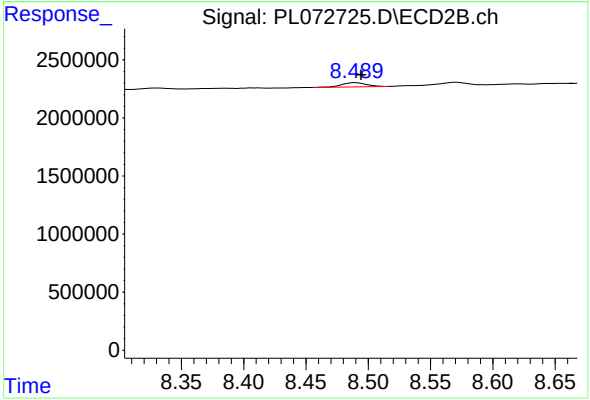
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.002 min
Response: 117466
Conc: 0.06 ng/ml



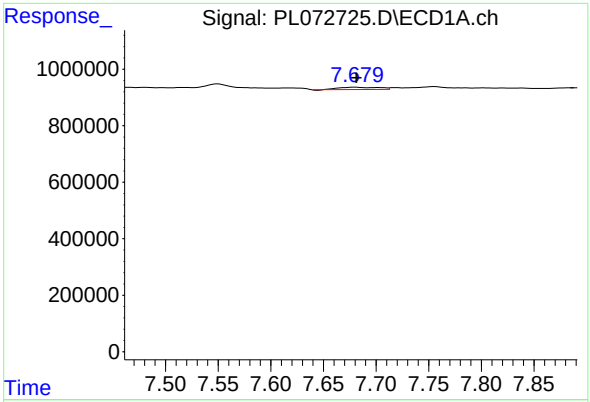
#12 4,4'-DDE

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 171911
Conc: 0.28 ng/ml



#12 4,4'-DDE

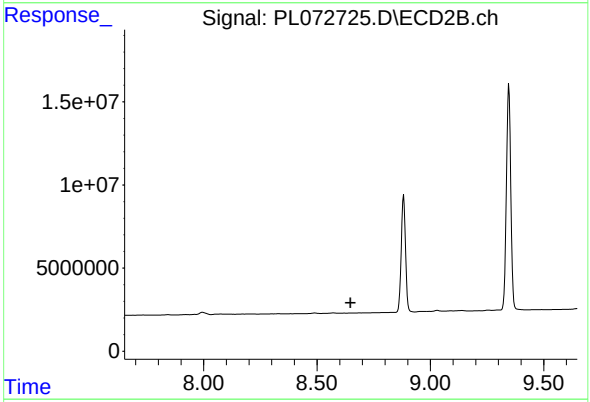
R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 501660
Conc: 0.27 ng/ml



#13 Dieldrin

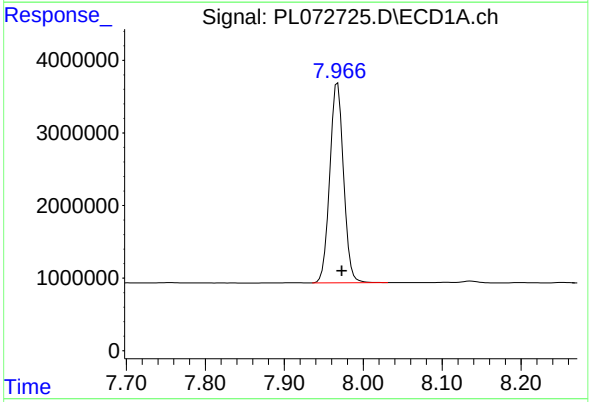
R.T.: 7.680 min
Delta R.T.: -0.001 min
Response: 208527
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



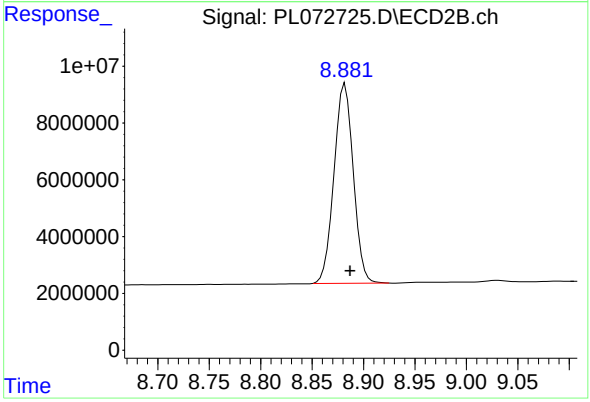
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 8.648 min
Response: 0
Conc: N.D.



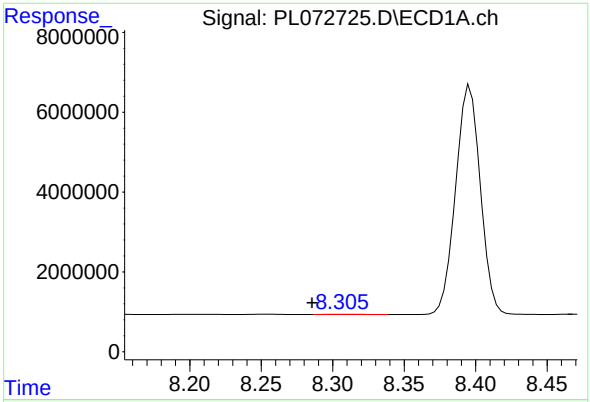
#14 Endrin

R.T.: 7.968 min
Delta R.T.: -0.005 min
Response: 33433486
Conc: 57.07 ng/ml



#14 Endrin

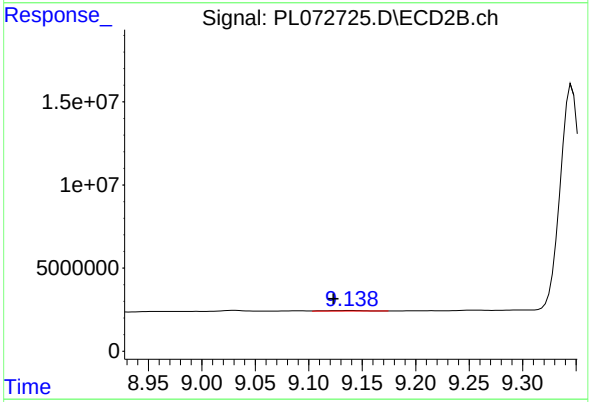
R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 91942105
Conc: 58.35 ng/ml



#15 Endosulfan II

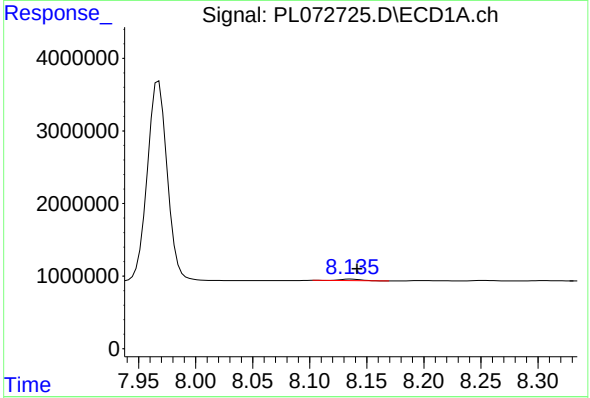
R.T.: 8.306 min
Delta R.T.: 0.020 min
Response: 74048
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



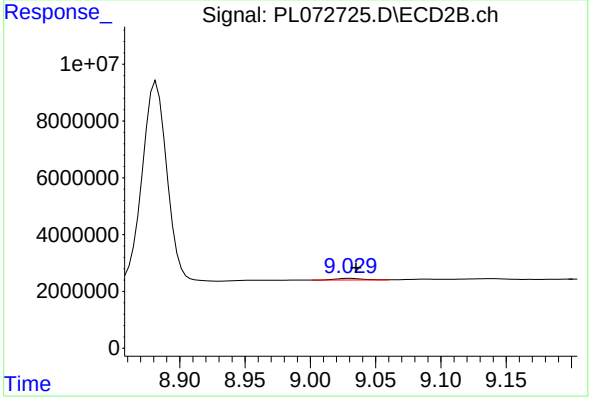
#15 Endosulfan II

R.T.: 9.140 min
Delta R.T.: 0.017 min
Response: 724852
Conc: 0.43 ng/ml



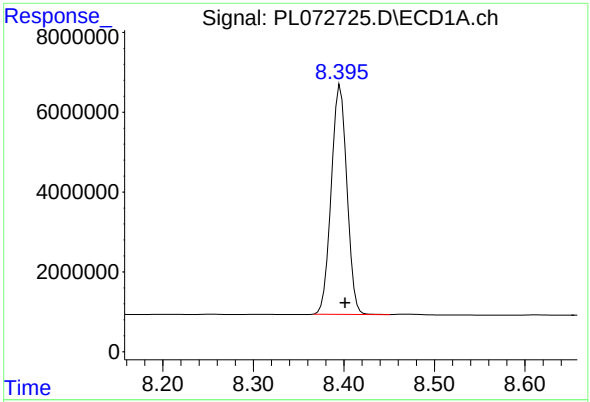
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.005 min
Response: 266438
Conc: 0.55 ng/ml



#16 4,4'-DDD

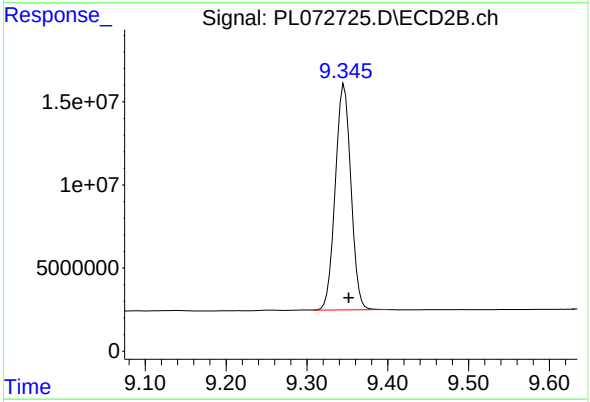
R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 826519
Conc: 0.60 ng/ml



#17 4,4'-DDT

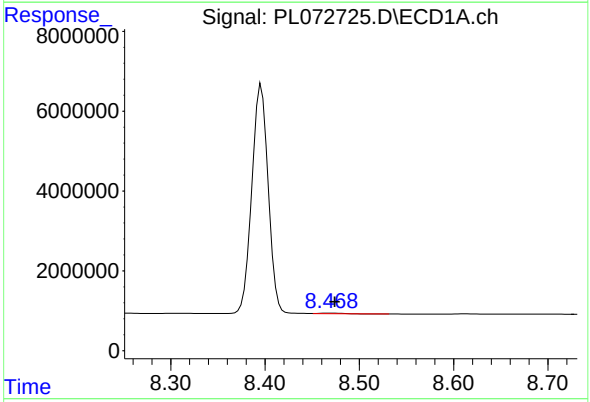
R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 69123101
Conc: 128.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



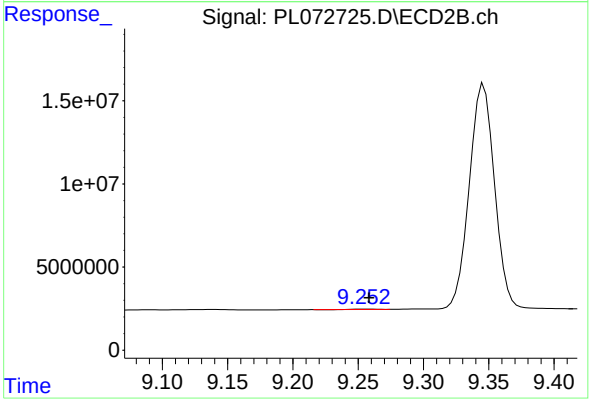
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 182403279
Conc: 119.15 ng/ml



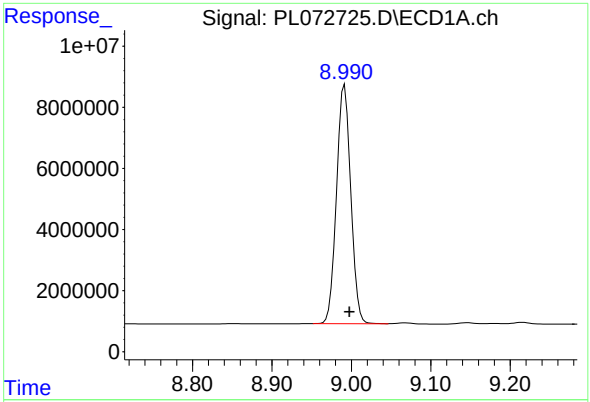
#18 Endrin aldehyde

R.T.: 8.468 min
Delta R.T.: -0.006 min
Response: 230134
Conc: 0.53 ng/ml



#18 Endrin aldehyde

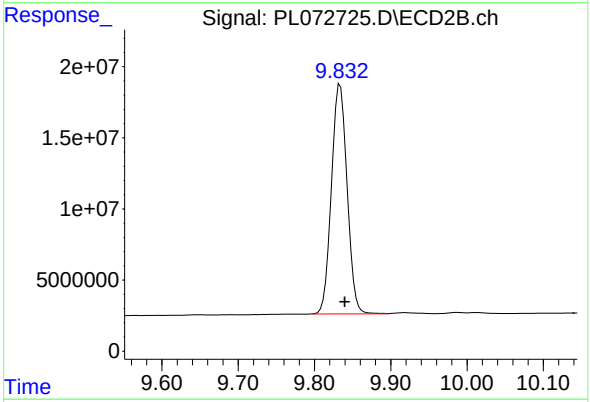
R.T.: 9.254 min
Delta R.T.: -0.005 min
Response: 232782
Conc: 0.21 ng/ml



#20 Methoxychlor

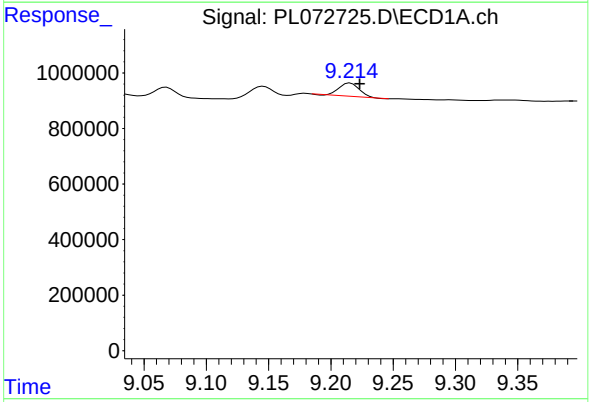
R.T.: 8.992 min
Delta R.T.: -0.006 min
Response: 97793451
Conc: 278.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



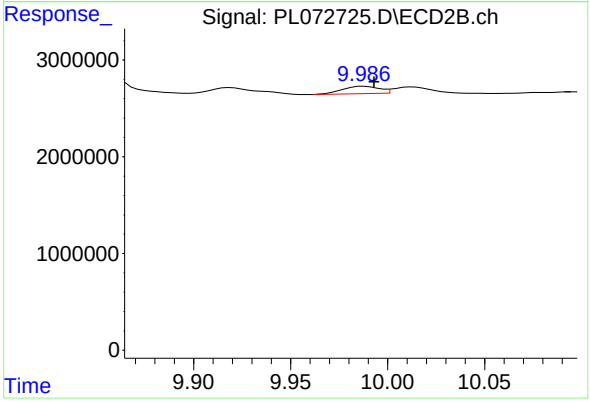
#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.006 min
Response: 230000324
Conc: 284.07 ng/ml



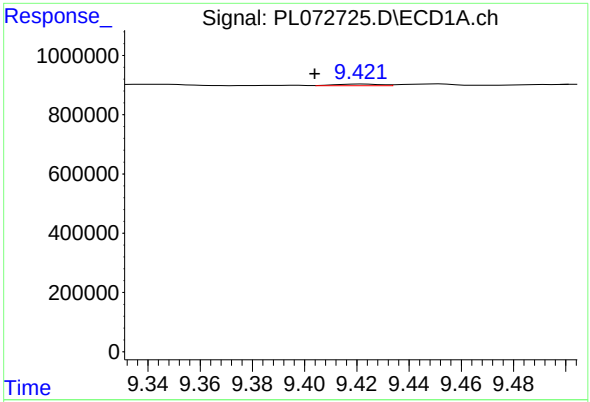
#21 Endrin ketone

R.T.: 9.216 min
Delta R.T.: -0.008 min
Response: 536184
Conc: 0.78 ng/ml



#21 Endrin ketone

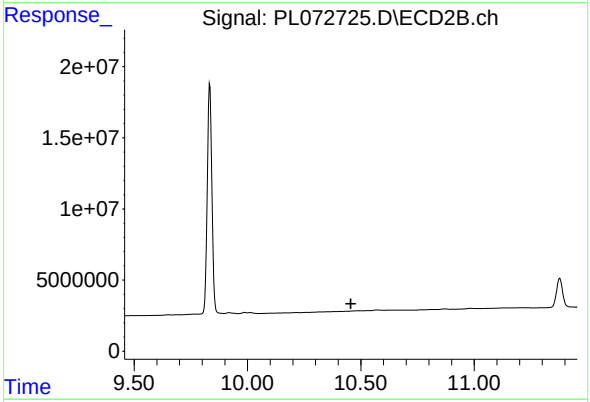
R.T.: 9.988 min
Delta R.T.: -0.005 min
Response: 1010006
Conc: 0.63 ng/ml



#22 Mirex

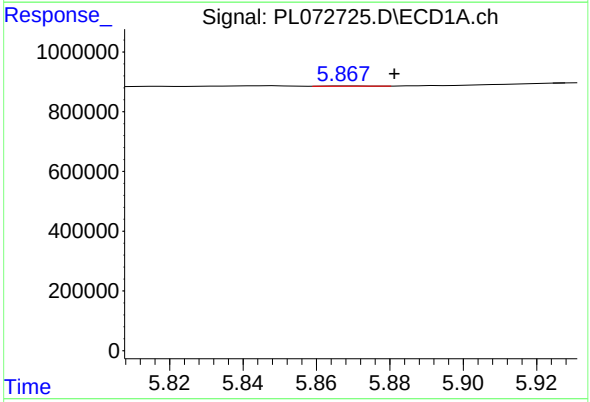
R.T.: 9.422 min
Delta R.T.: 0.018 min
Response: 61321
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



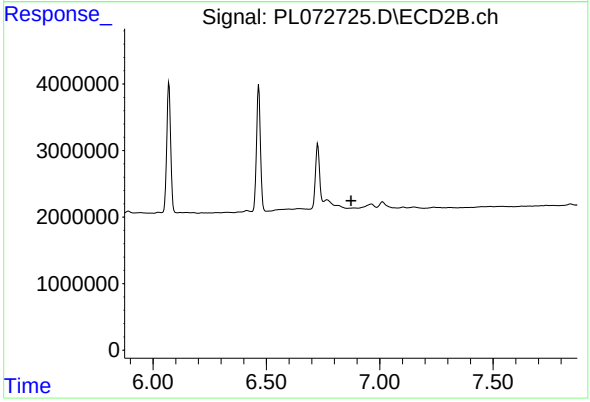
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 10.456 min
Response: 0
Conc: N.D.



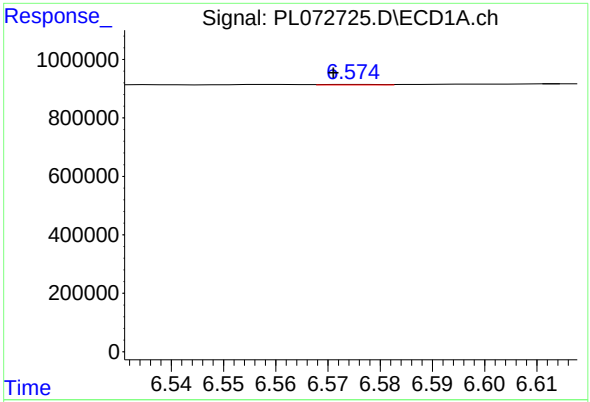
#23 Chlordane-1

R.T.: 5.868 min
Delta R.T.: -0.013 min
Response: 8472
Conc: 0.46 ng/ml



#23 Chlordane-1

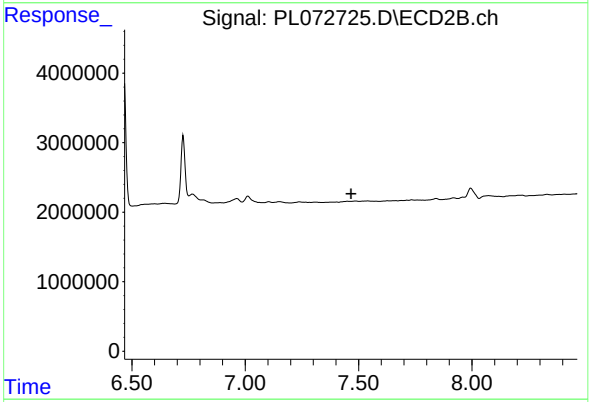
R.T.: 0.000 min
Exp R.T. : 6.874 min
Response: 0
Conc: N.D.



#24 Chlordane-2

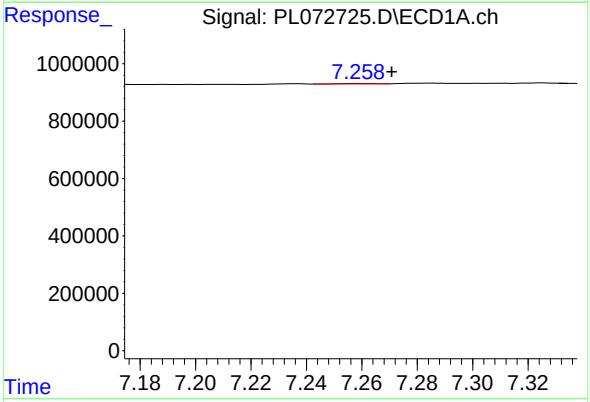
R.T.: 6.576 min
Delta R.T.: 0.005 min
Response: 12598
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



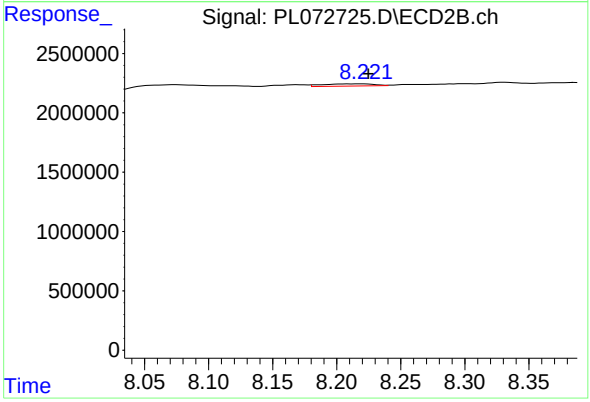
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 7.467 min
Response: 0
Conc: N.D.



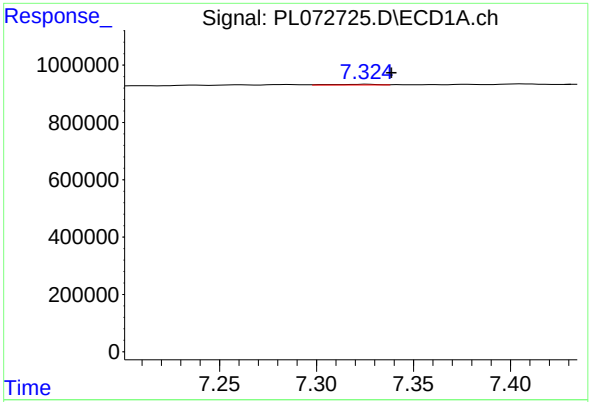
#25 Chlordane-3

R.T.: 7.260 min
Delta R.T.: -0.011 min
Response: 11116
Conc: 0.16 ng/ml



#25 Chlordane-3

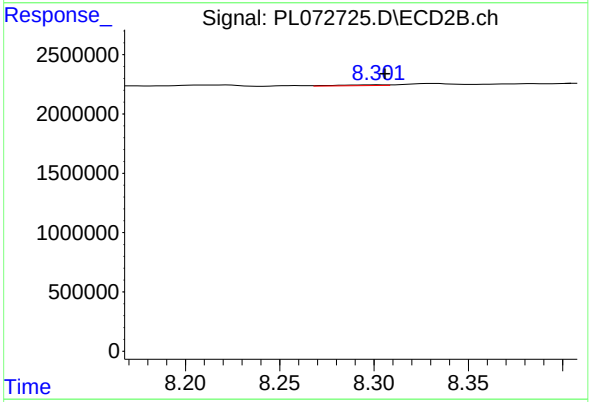
R.T.: 8.222 min
Delta R.T.: -0.003 min
Response: 523278
Conc: 1.75 ng/ml



#26 Chlordane-4

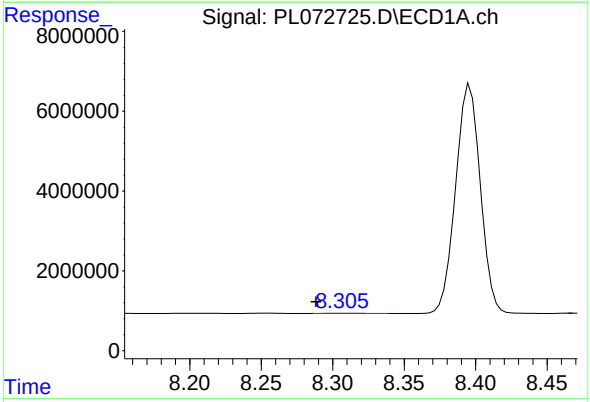
R.T.: 7.326 min
Delta R.T.: -0.013 min
Response: 34953
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



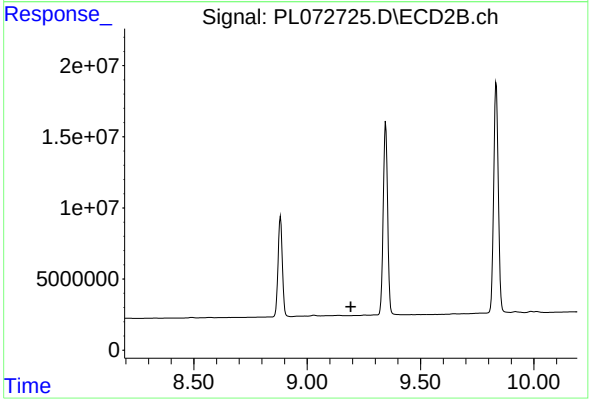
#26 Chlordane-4

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 117466
Conc: 0.33 ng/ml



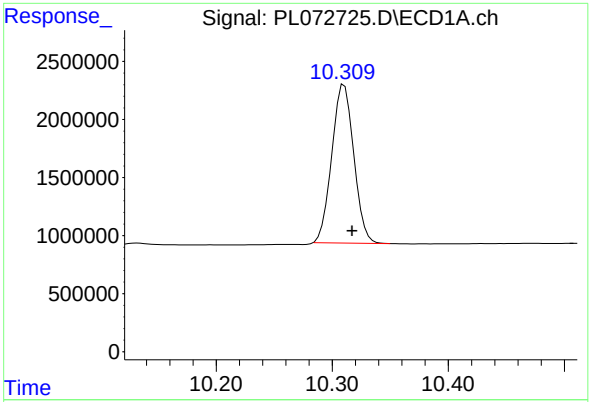
#27 Chlordane-5

R.T.: 8.306 min
Delta R.T.: 0.018 min
Response: 74048
Conc: 2.89 ng/ml



#27 Chlordane-5

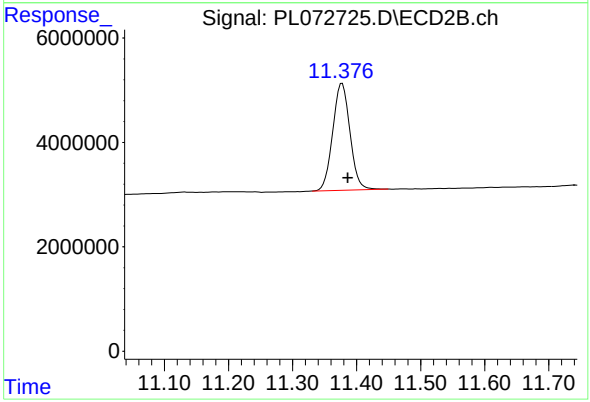
R.T.: 0.000 min
Exp R.T. : 9.193 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.310 min
Delta R.T.: -0.007 min
Response: 17983624
Conc: 23.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 38352730
Conc: 24.19 ng/ml