Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
Data File : PL072755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2022 01:49
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: Feb 17 02:22:15 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...	4.556	5.490	11526195	41646236	23.938	24.109	
28)	SA Decachlor...	10.315	11.381	19275855	42223335	25.462	26.626	
	Target Compounds							
2)	A alpha-BHC	5.261	6.071	7127967	27295842	10.811	11.398	
3)	MA gamma-BHC...	5.685	6.467	6974903	26481287	11.098	11.501	
4)	MA Heptachlor	6.069f	7.106	3608921	141611	4.944	0.062	#
5)	MB Aldrin	6.414	0.000	15048	0	0.023	N.D.	#
6)	B beta-BHC	6.069	6.728	3608921	14345080	14.564	14.072	
7)	B delta-BHC	6.332	7.014f	60784	1213695	0.092	0.530	#
8)	B Heptachlo...	6.986	7.960	21119	780143	0.033	0.404	#
9)	A Endosulfan I	7.410	8.373	43067	33034	0.074	0.019	#
10)	B gamma-Chl...	7.285f	8.222	22965	1255241	0.036	0.649	#
11)	B alpha-Chl...	7.323f	8.330f	11714	503312	0.018	0.265	#
12)	B 4,4'-DDE	7.553	8.492	228065	584062	0.375	0.312	
13)	MA Dieldrin	7.690	0.000	211768	0	0.335	N.D.	#
14)	MA Endrin	7.971	8.884	35995059	100.9E6	61.445	64.033	
15)	B Endosulfa...	8.311f	9.141f	311278	1241494	0.512	0.738	#
16)	A 4,4'-DDD	8.139	9.032	710431	2906932	1.477	2.101	#
17)	MA 4,4'-DDT	8.399	9.348	75003538	208.6E6	139.391	136.293	
18)	B Endrin al...	8.473	9.255	919014	1513122	2.108	1.344	#
19)	B Endosulfa...	8.698	0.000	71933	0	0.121	N.D.	#
20)	A Methoxychlor	8.995	9.836	102.1E6	252.3E6	290.449	311.636	
21)	B Endrin ke...	9.220	9.989	1700057	4020657	2.474	2.523	
22)	Mirex	9.427f	10.475f	90000	-81309	0.152	N.D.	#
23)	Chlordane-1	5.879	6.883	4013	91525	0.216	1.276	#
24)	Chlordane-2	6.580	0.000	9176	0	0.363	N.D.	#
25)	Chlordane-3	7.285	8.222	22965	1255241	0.341	4.200	#
26)	Chlordane-4	7.323f	8.330f	11714	503312	0.160	1.411	#
27)	Chlordane-5	8.311f	9.200	311278	157288	12.133	2.573	#

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

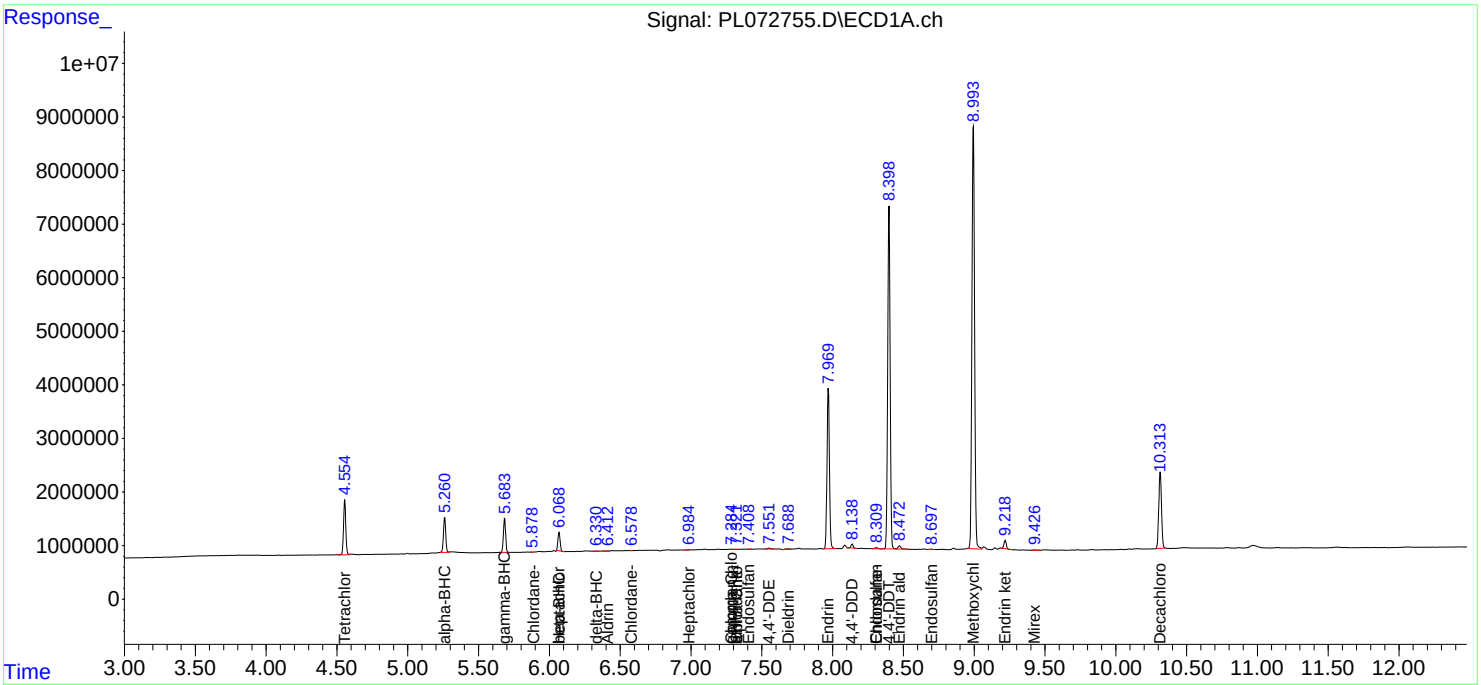
Quantitation Report (Not Reviewed)

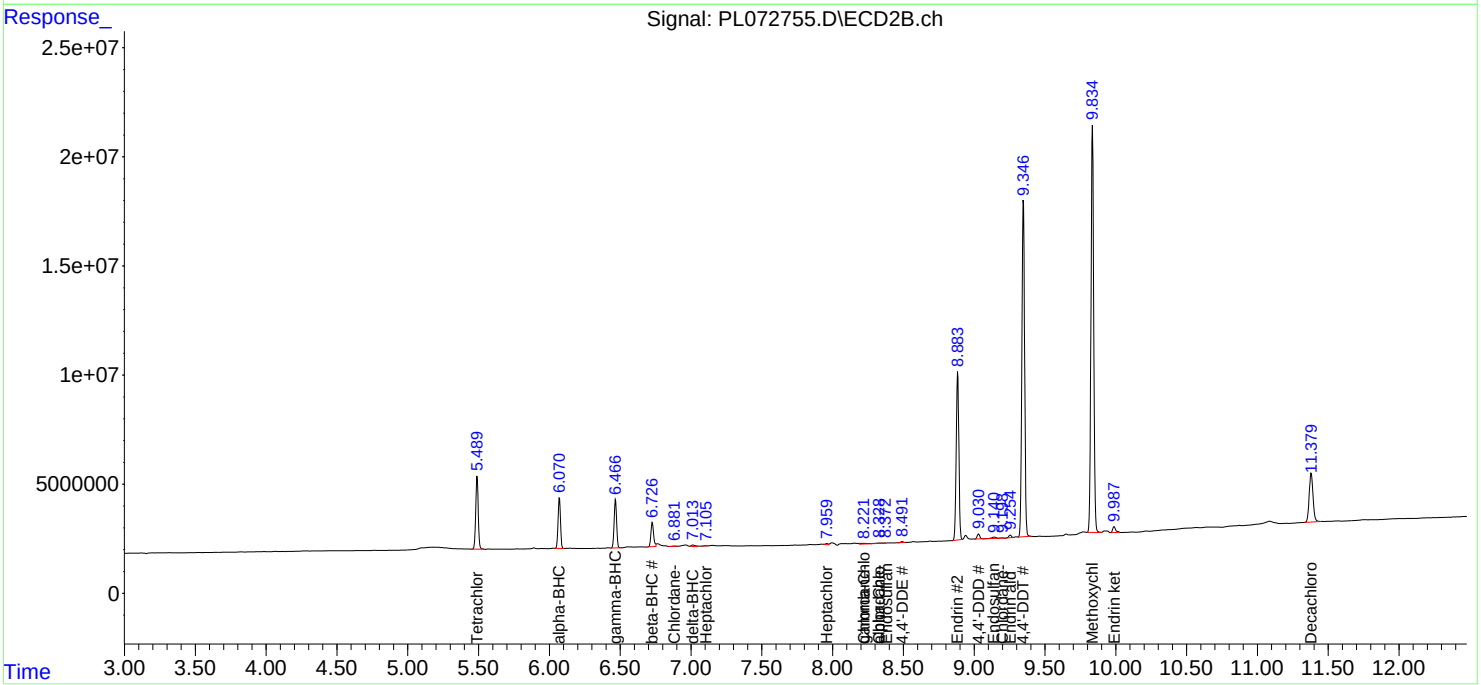
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
Data File : PL072755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2022 01:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

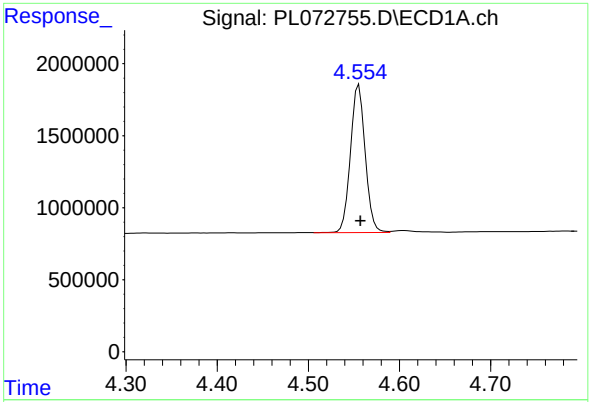
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 02:22:15 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



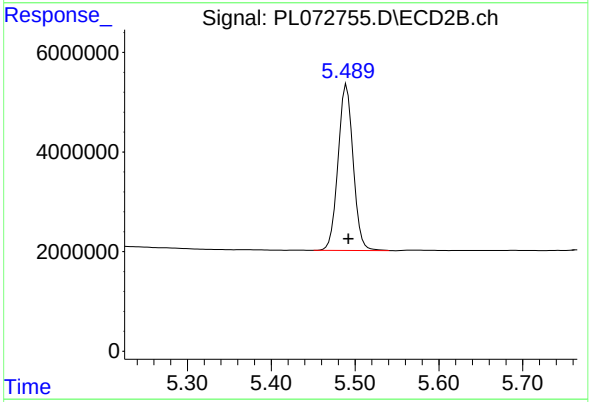




#1 Tetrachloro-m-xylene

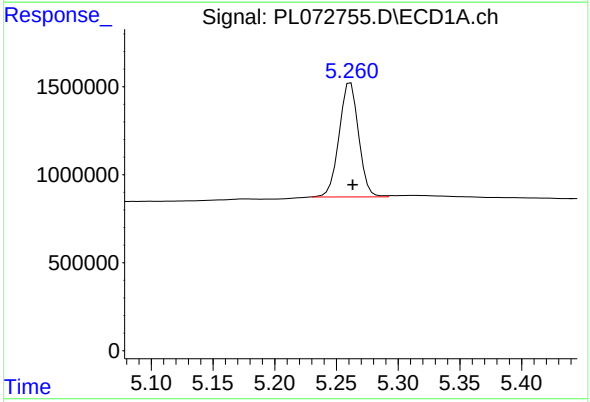
R.T.: 4.556 min
Delta R.T.: -0.001 min
Response: 11526195
Conc: 23.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



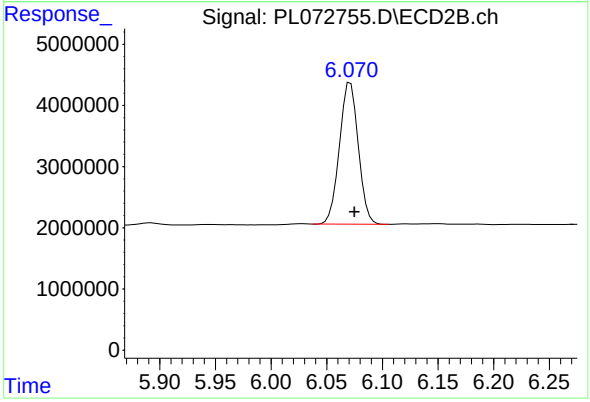
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 41646236
Conc: 24.11 ng/ml



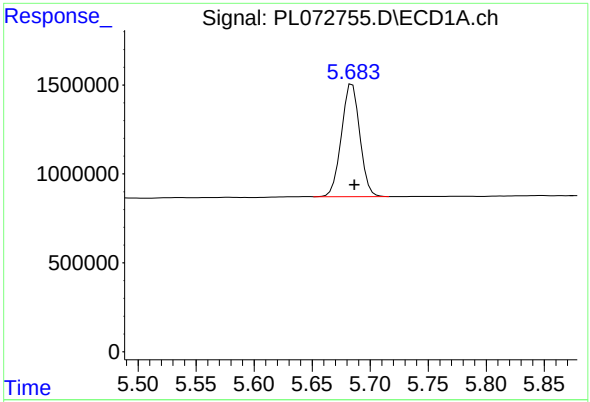
#2 alpha-BHC

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 7127967
Conc: 10.81 ng/ml



#2 alpha-BHC

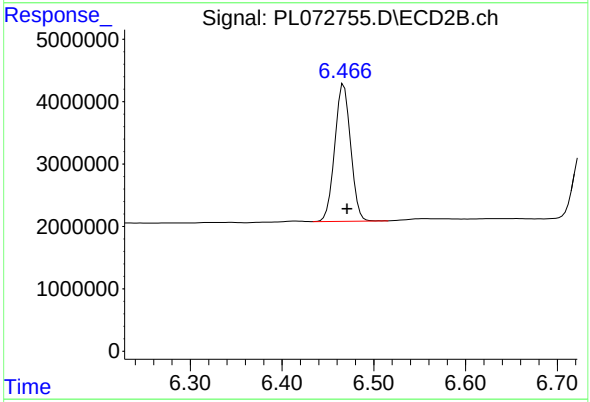
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 27295842
Conc: 11.40 ng/ml



#3 gamma-BHC (Lindane)

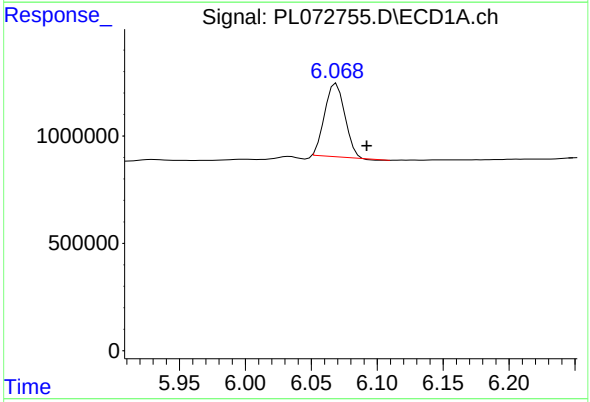
R.T.: 5.685 min
Delta R.T.: -0.002 min
Response: 6974903
Conc: 11.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



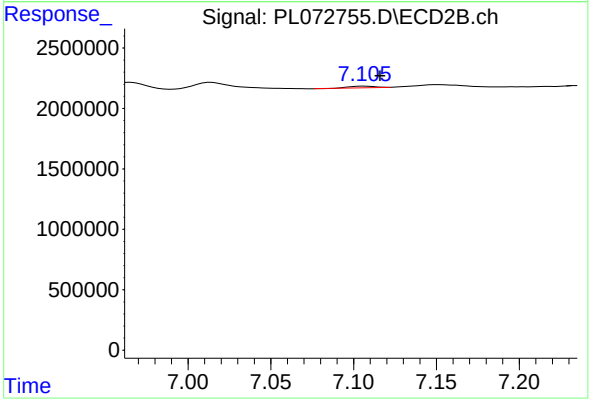
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 26481287
Conc: 11.50 ng/ml



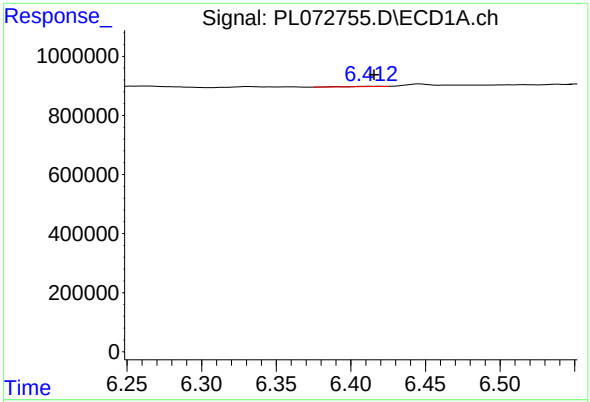
#4 Heptachlor

R.T.: 6.069 min
Delta R.T.: -0.023 min
Response: 3608921
Conc: 4.94 ng/ml



#4 Heptachlor

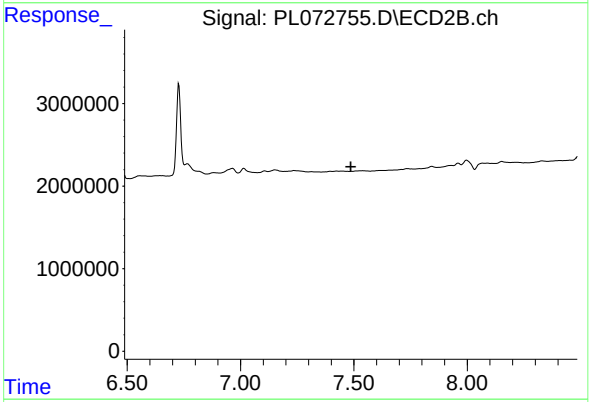
R.T.: 7.106 min
Delta R.T.: -0.009 min
Response: 141611
Conc: 0.06 ng/ml



#5 Aldrin

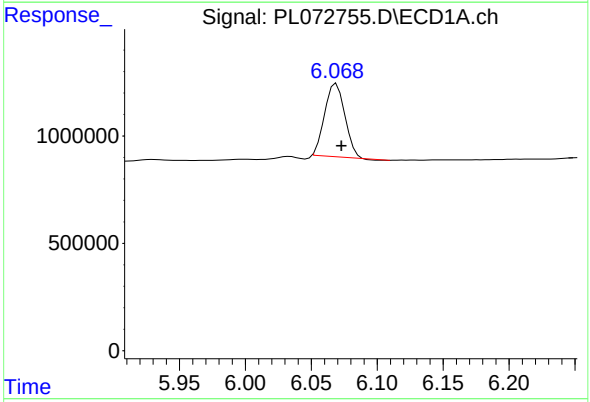
R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 15048
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



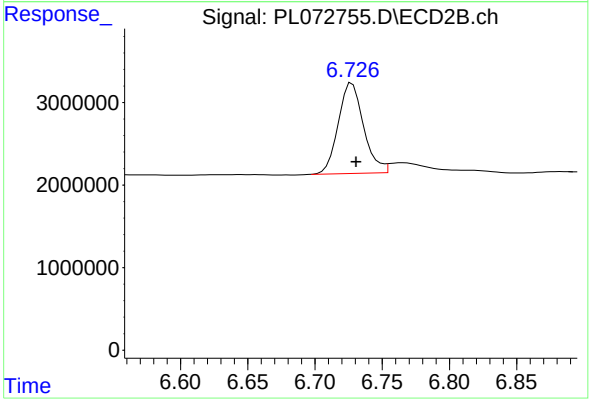
#5 Aldrin

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



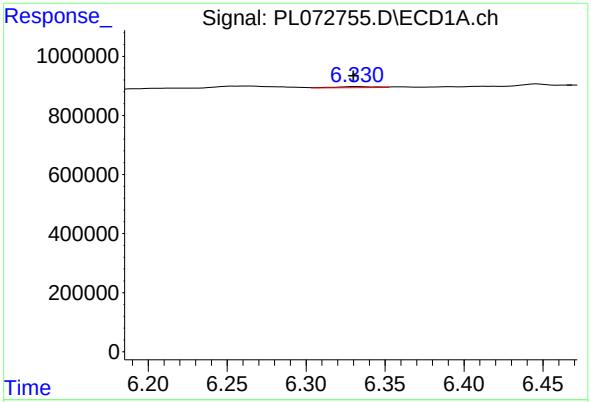
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3608921
Conc: 14.56 ng/ml



#6 beta-BHC

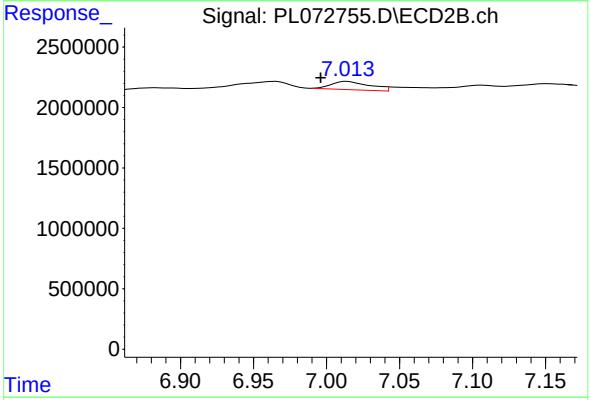
R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 14345080
Conc: 14.07 ng/ml



#7 delta-BHC

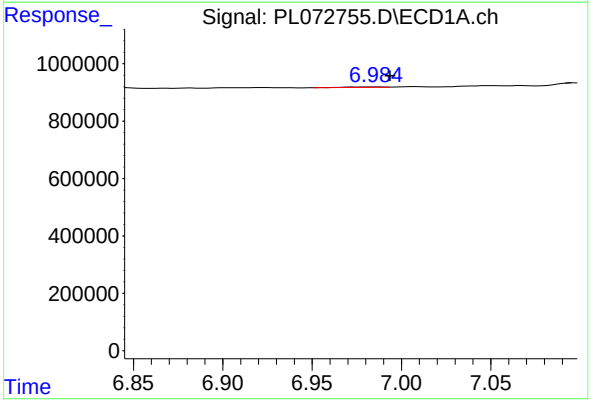
R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 60784
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



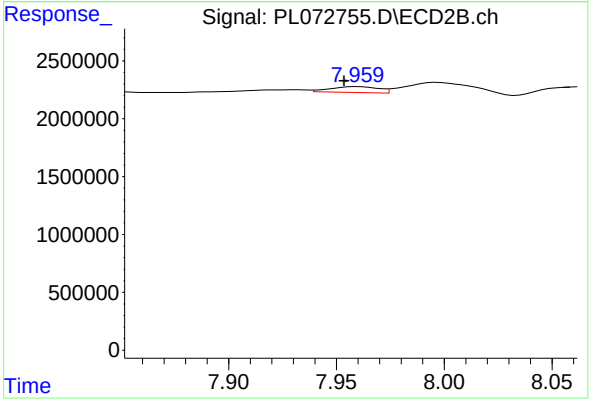
#7 delta-BHC

R.T.: 7.014 min
Delta R.T.: 0.018 min
Response: 1213695
Conc: 0.53 ng/ml



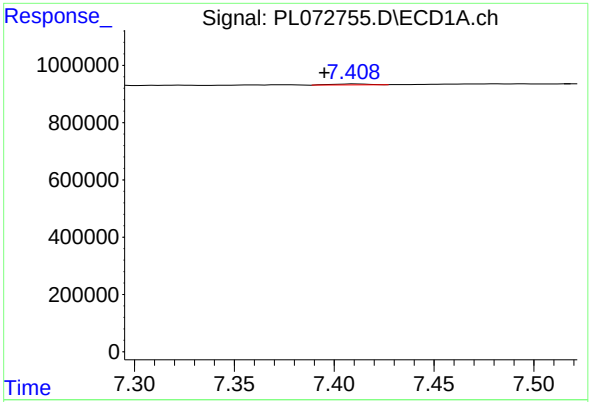
#8 Heptachlor epoxide

R.T.: 6.986 min
Delta R.T.: -0.008 min
Response: 21119
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

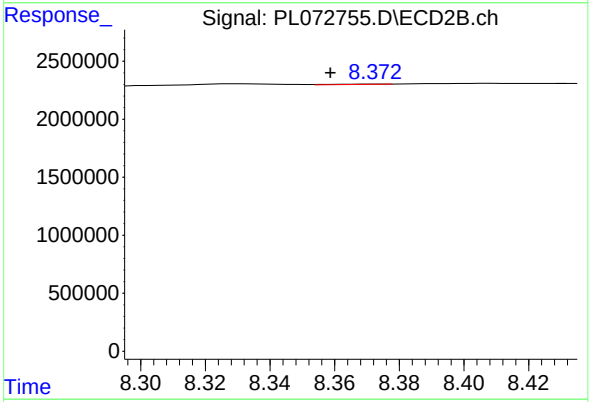
R.T.: 7.960 min
Delta R.T.: 0.006 min
Response: 780143
Conc: 0.40 ng/ml



#9 Endosulfan I

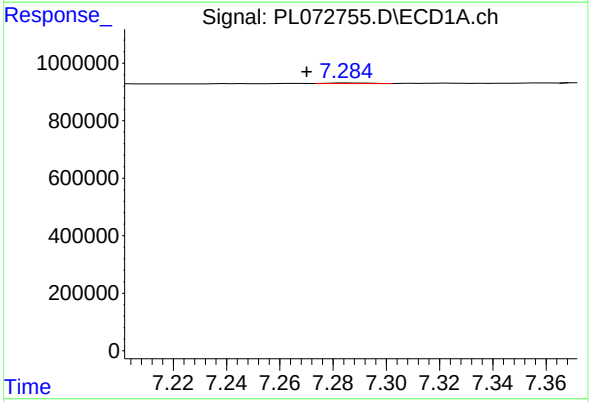
R.T.: 7.410 min
Delta R.T.: 0.015 min
Response: 43067
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



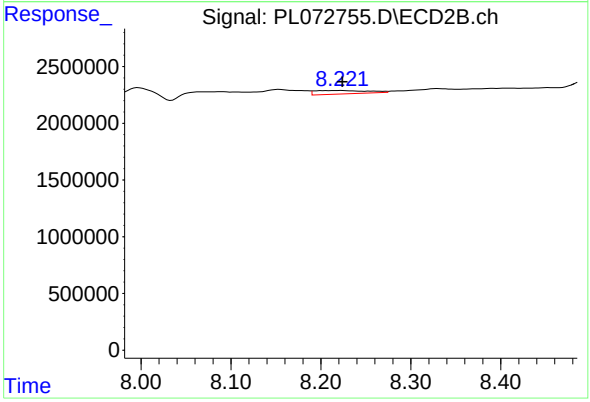
#9 Endosulfan I

R.T.: 8.373 min
Delta R.T.: 0.015 min
Response: 33034
Conc: 0.02 ng/ml



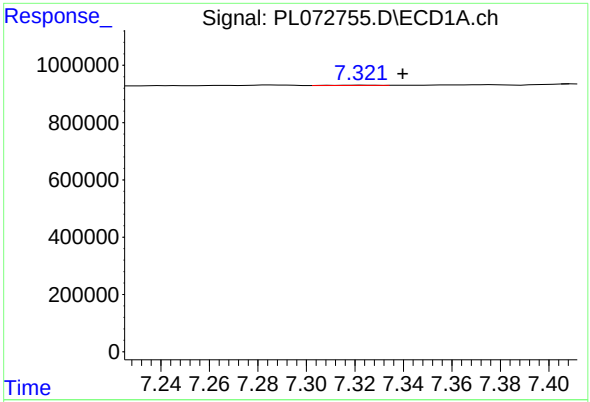
#10 gamma-Chlordane

R.T.: 7.285 min
Delta R.T.: 0.015 min
Response: 22965
Conc: 0.04 ng/ml



#10 gamma-Chlordane

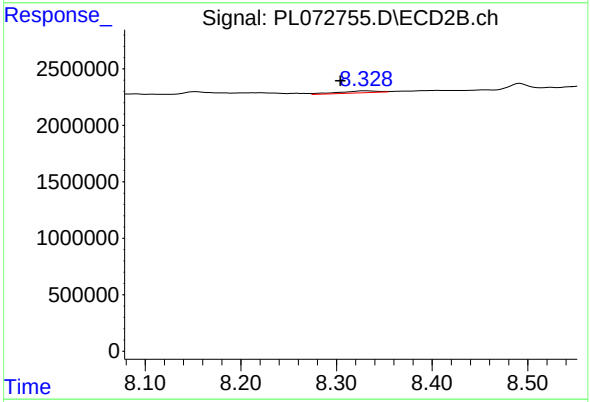
R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 1255241
Conc: 0.65 ng/ml



#11 alpha-Chlordane

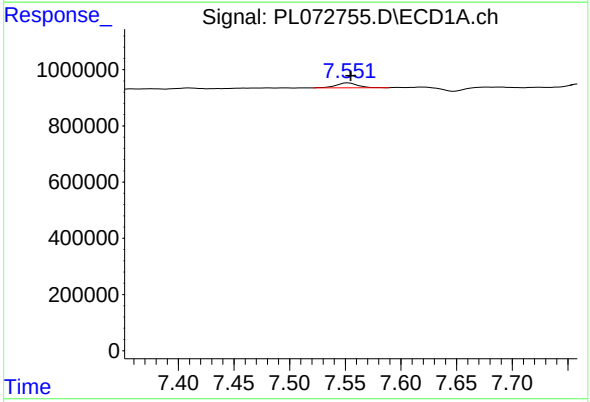
R.T.: 7.323 min
Delta R.T.: -0.017 min
Response: 11714
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



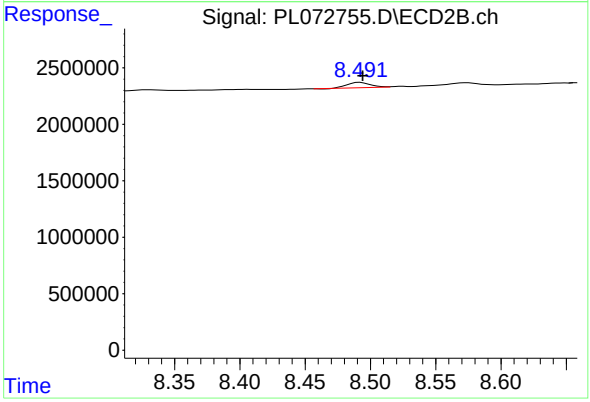
#11 alpha-Chlordane

R.T.: 8.330 min
Delta R.T.: 0.026 min
Response: 503312
Conc: 0.26 ng/ml



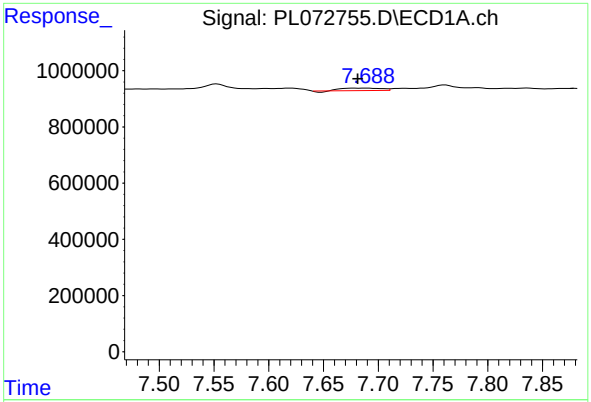
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 228065
Conc: 0.38 ng/ml



#12 4,4'-DDE

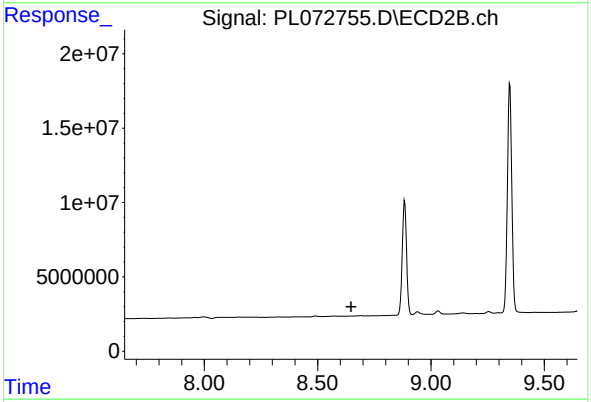
R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 584062
Conc: 0.31 ng/ml



#13 Dieldrin

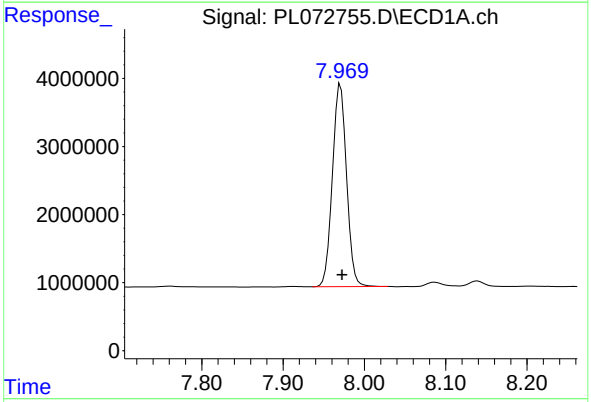
R.T.: 7.690 min
Delta R.T.: 0.009 min
Response: 211768
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



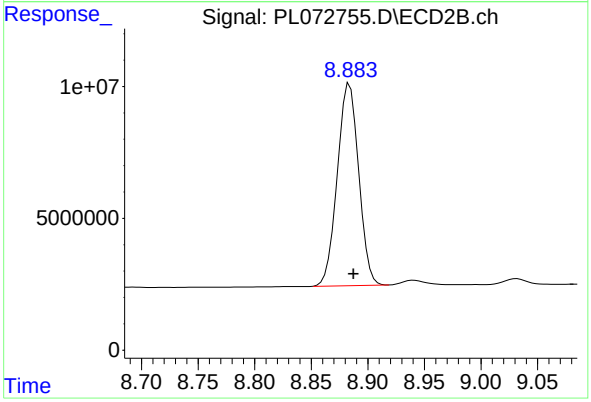
#13 Dieldrin

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



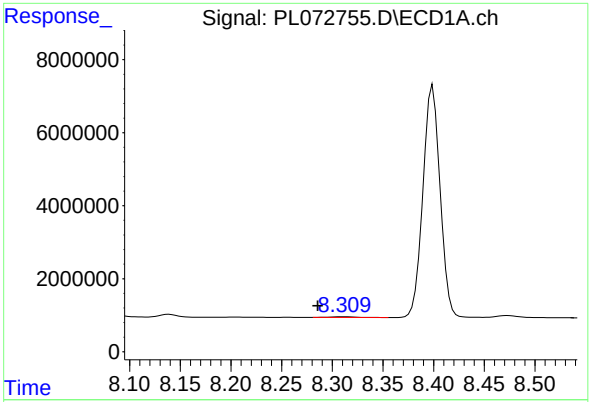
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 35995059
Conc: 61.45 ng/ml



#14 Endrin

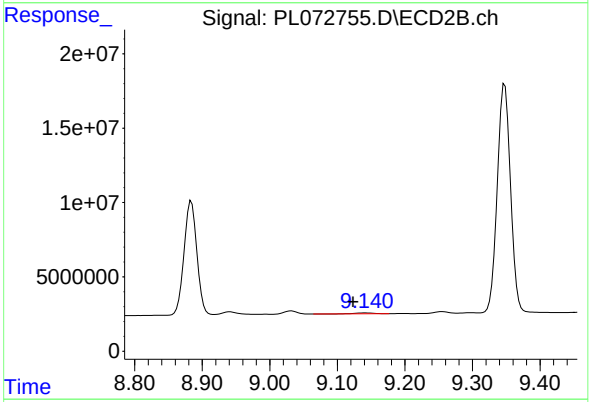
R.T.: 8.884 min
Delta R.T.: -0.003 min
Response: 100892491
Conc: 64.03 ng/ml



#15 Endosulfan II

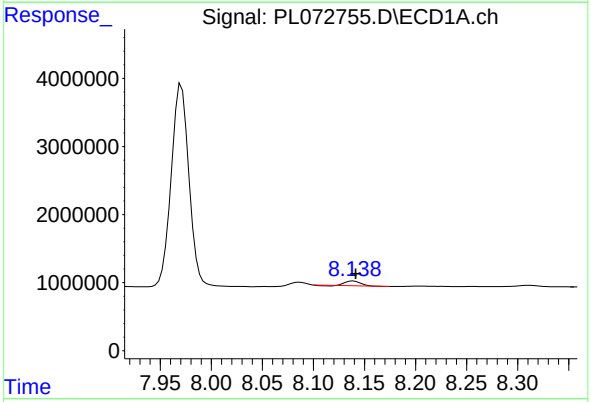
R.T.: 8.311 min
Delta R.T.: 0.025 min
Response: 311278
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



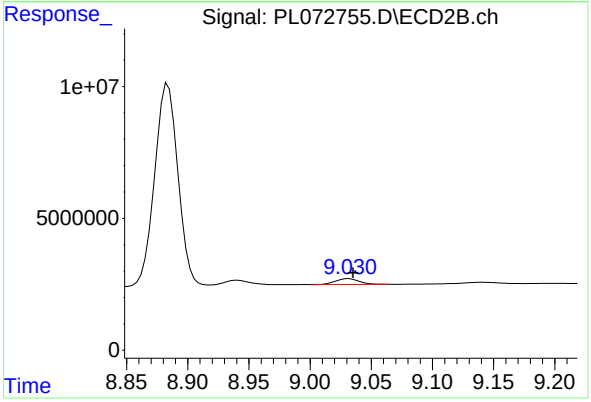
#15 Endosulfan II

R.T.: 9.141 min
Delta R.T.: 0.018 min
Response: 1241494
Conc: 0.74 ng/ml



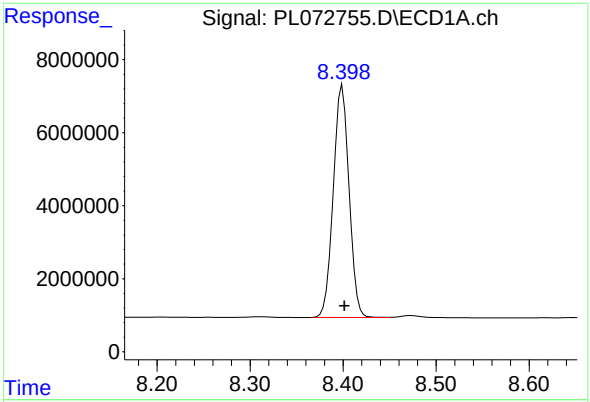
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 710431
Conc: 1.48 ng/ml



#16 4,4'-DDD

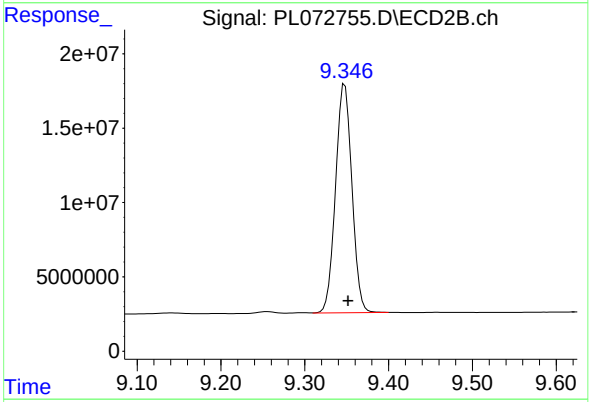
R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 2906932
Conc: 2.10 ng/ml



#17 4,4'-DDT

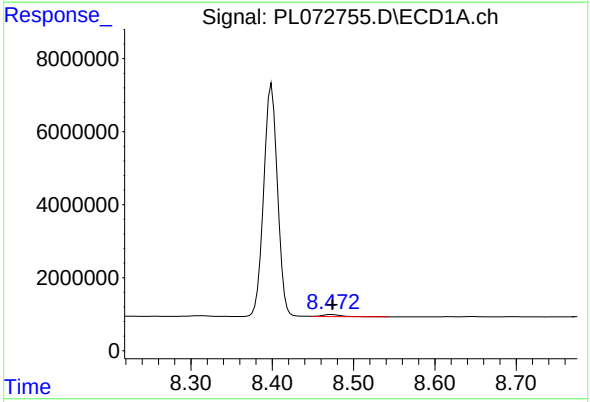
R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 75003538
Conc: 139.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



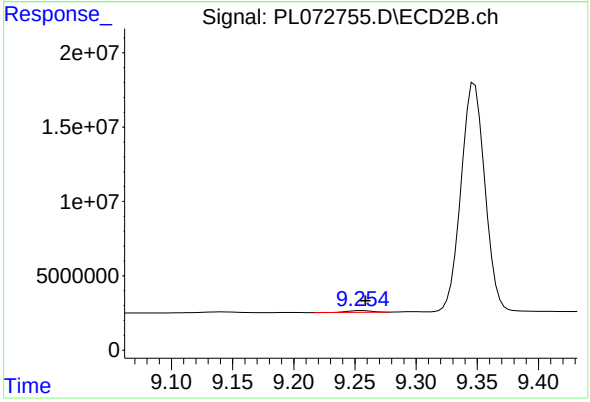
#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 208644727
Conc: 136.29 ng/ml



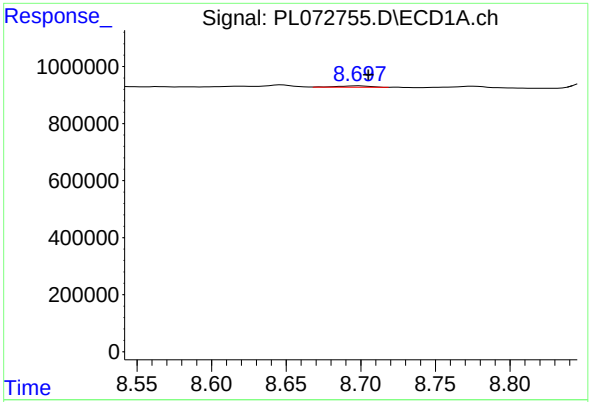
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.001 min
Response: 919014
Conc: 2.11 ng/ml



#18 Endrin aldehyde

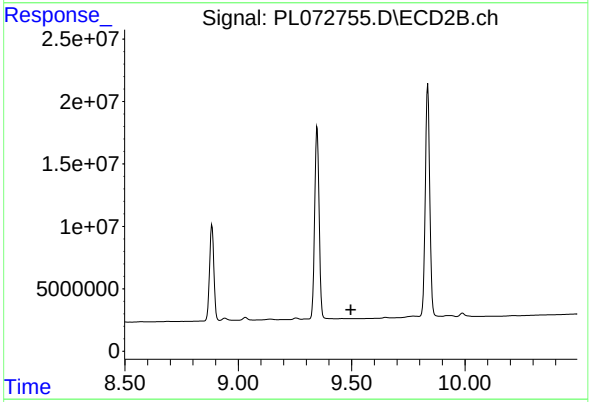
R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 1513122
Conc: 1.34 ng/ml



#19 Endosulfan Sulfate

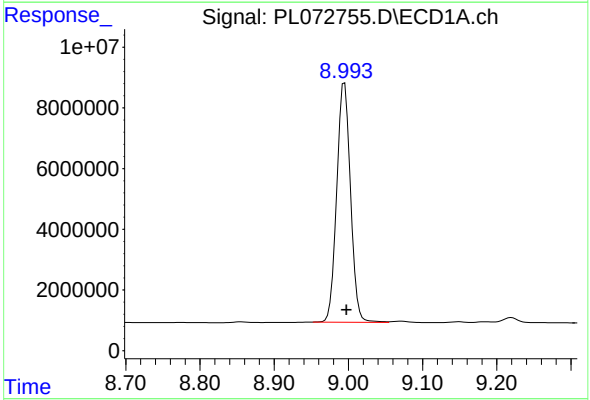
R.T.: 8.698 min
Delta R.T.: -0.007 min
Response: 71933
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



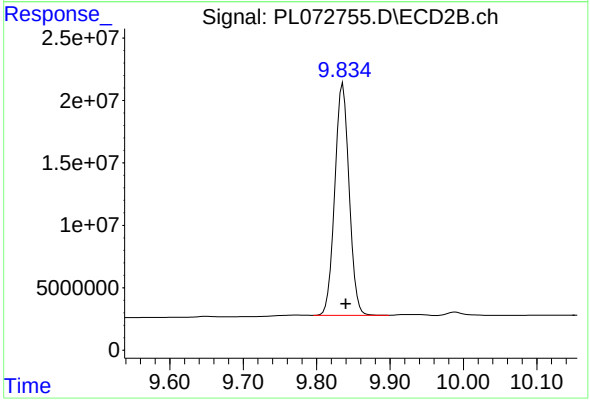
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 9.497 min
Response: 0
Conc: N.D.



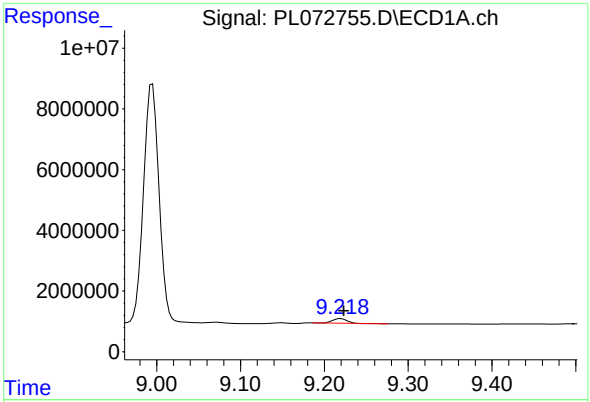
#20 Methoxychlor

R.T.: 8.995 min
Delta R.T.: -0.002 min
Response: 102128963
Conc: 290.45 ng/ml



#20 Methoxychlor

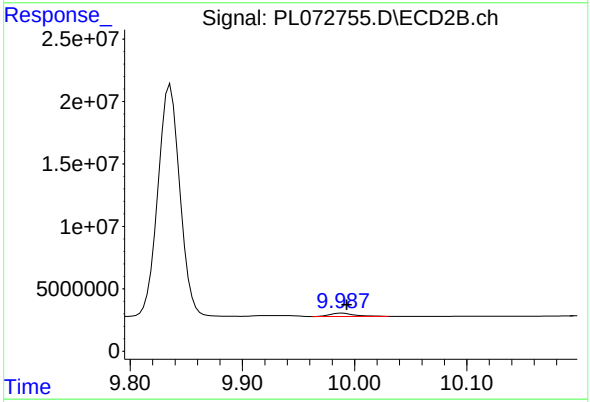
R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 252317405
Conc: 311.64 ng/ml



#21 Endrin ketone

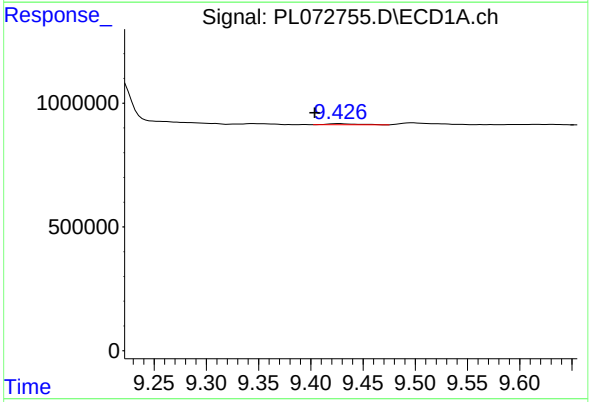
R.T.: 9.220 min
Delta R.T.: -0.004 min
Response: 1700057
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



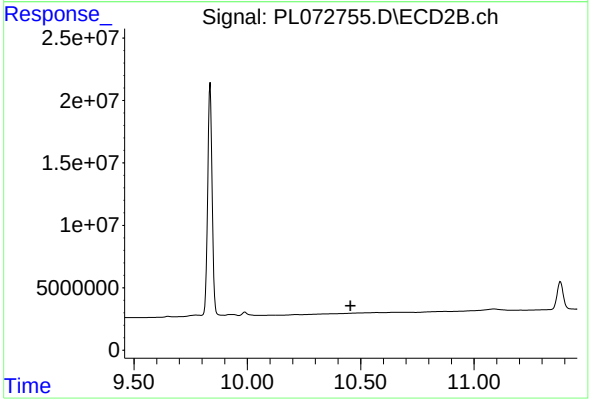
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 4020657
Conc: 2.52 ng/ml



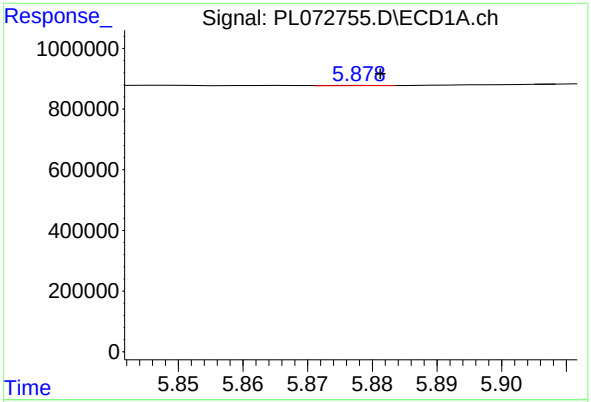
#22 Mirex

R.T.: 9.427 min
Delta R.T.: 0.023 min
Response: 90000
Conc: 0.15 ng/ml



#22 Mirex

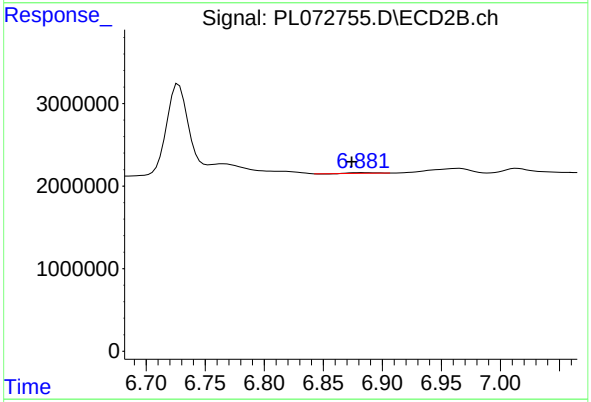
R.T.: 10.475 min
Delta R.T.: 0.019 min
Response: -81309
Conc: N.D.



#23 Chlordane-1

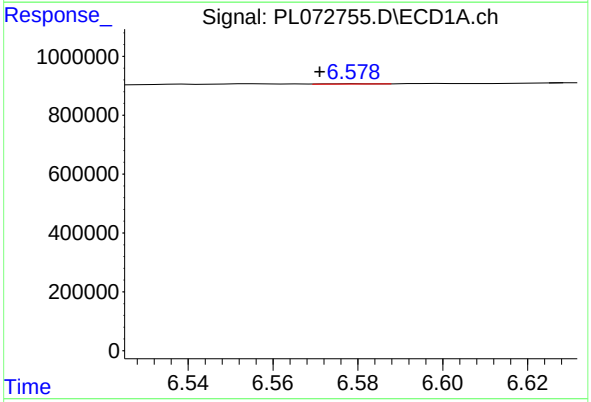
R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 4013
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



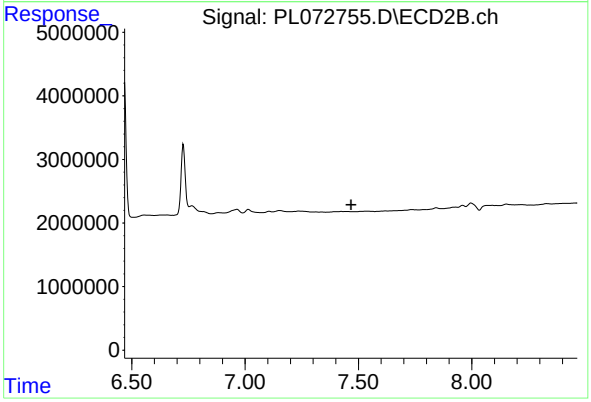
#23 Chlordane-1

R.T.: 6.883 min
Delta R.T.: 0.009 min
Response: 91525
Conc: 1.28 ng/ml



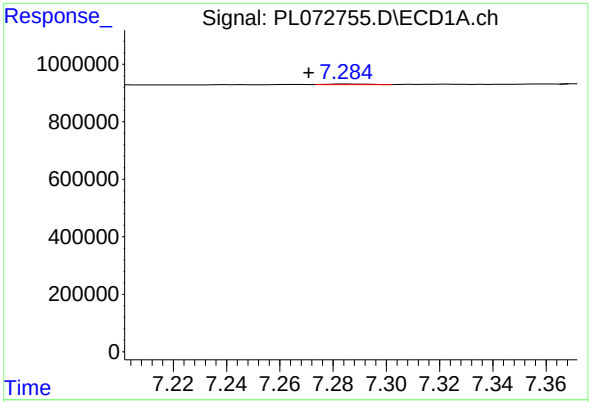
#24 Chlordane-2

R.T.: 6.580 min
Delta R.T.: 0.009 min
Response: 9176
Conc: 0.36 ng/ml



#24 Chlordane-2

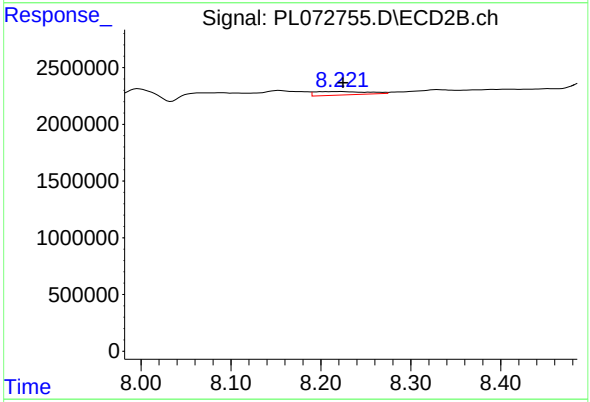
R.T.: 0.000 min
Exp R.T. : 7.467 min
Response: 0
Conc: N.D.



#25 Chlordane-3

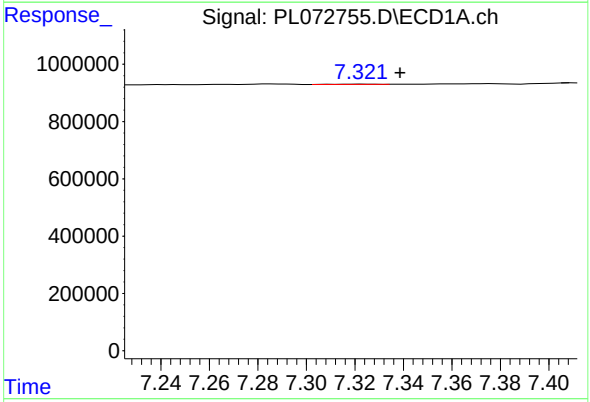
R.T.: 7.285 min
Delta R.T.: 0.014 min
Response: 22965
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



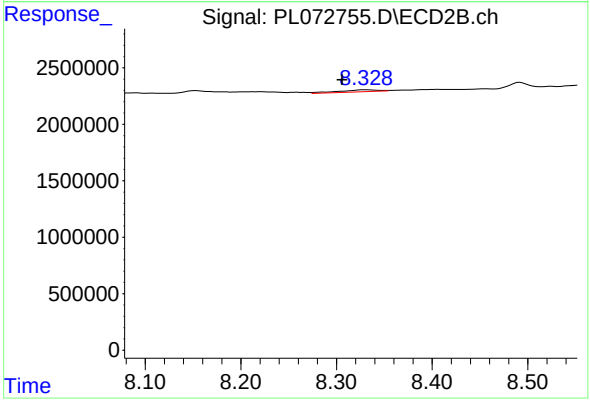
#25 Chlordane-3

R.T.: 8.222 min
Delta R.T.: -0.003 min
Response: 1255241
Conc: 4.20 ng/ml



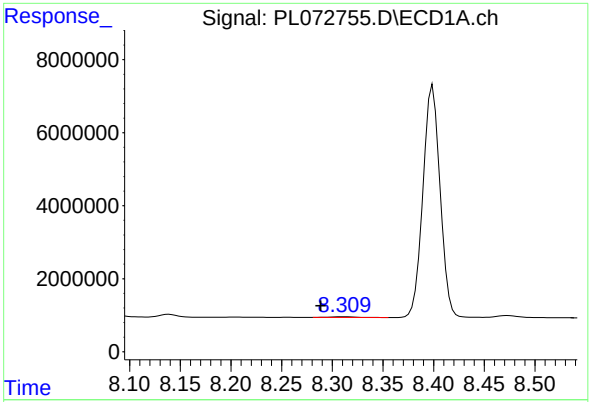
#26 Chlordane-4

R.T.: 7.323 min
Delta R.T.: -0.016 min
Response: 11714
Conc: 0.16 ng/ml



#26 Chlordane-4

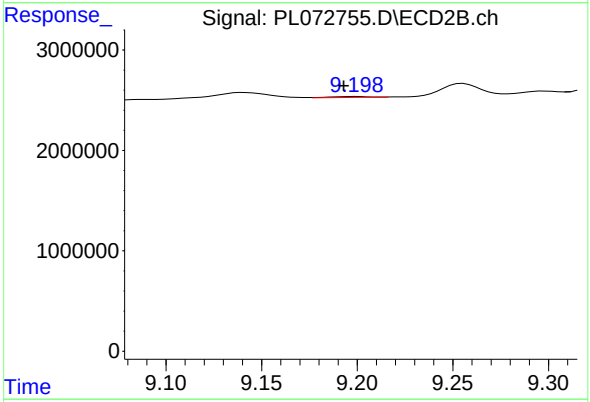
R.T.: 8.330 min
Delta R.T.: 0.024 min
Response: 503312
Conc: 1.41 ng/ml



#27 Chlordane-5

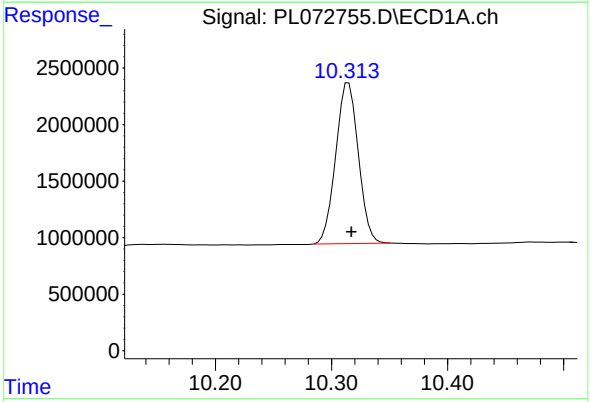
R.T.: 8.311 min
Delta R.T.: 0.022 min
Response: 311278
Conc: 12.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



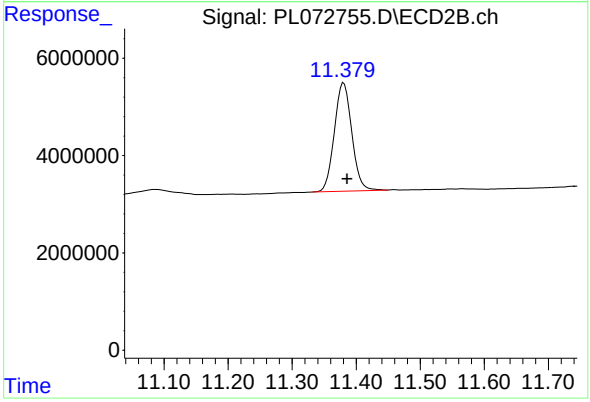
#27 Chlordane-5

R.T.: 9.200 min
Delta R.T.: 0.007 min
Response: 157288
Conc: 2.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.315 min
Delta R.T.: -0.002 min
Response: 19275855
Conc: 25.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 42223335
Conc: 26.63 ng/ml