Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
Data File : PL071649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2021 16:39
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 28 02:37:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
Quant Title : GC Extractables
QLast Update : Mon Dec 27 14:06:28 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...	4.560	5.496	12405516	32814902	19.121	19.230	
28)	SA Decachlor...	10.321	11.388	16245052	27216300	21.821	21.716	
	Target Compounds							
2)	A alpha-BHC	5.265	6.077	7067224	21648424	7.774	8.868	
3)	MA gamma-BHC...	5.689	6.473	7509645	20388955	8.567	8.994	
4)	MA Heptachlor	6.072f	7.109	4317851	108096	4.491	0.047	#
6)	B beta-BHC	6.072	6.732	4317851	10674164	11.362	10.369	
8)	B Heptachlo...	0.000	7.958	0	185960	N.D.	0.095	#
9)	A Endosulfan I	0.000	8.340f	0	134504	N.D.	0.079	#
10)	B gamma-Chl...	0.000	8.237	0	87580	N.D.	0.045	#
11)	B alpha-Chl...	0.000	8.302	0	18992	N.D.	0.010	#
12)	B 4,4'-DDE	7.558	8.497	339810	718079	0.456	0.406	
14)	MA Endrin	7.976	8.890	33647259	70086122	45.226	46.505	
15)	B Endosulfa...	8.318f	9.147f	231467	669096	0.322	0.450	#
16)	A 4,4'-DDD	8.144	9.037	1130369	2564069	1.905	1.974	
17)	MA 4,4'-DDT	8.404	9.353	62746885	131.5E6	97.328	96.299	
18)	B Endrin al...	8.477	9.261	587969	1018901	1.014	0.881	
20)	A Methoxychlor	9.000	9.841	83255585	157.7E6	223.426	242.554	
21)	B Endrin ke...	9.224	9.994	1165137	1597051	1.481	1.176	
25)	Chlordane-3	0.000	8.237	0	87580	N.D.	0.317	#
26)	Chlordane-4	0.000	8.302	0	18992	N.D.	0.059	#
27)	Chlordane-5	8.318f	0.000	231467	0	7.633	N.D.	#

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

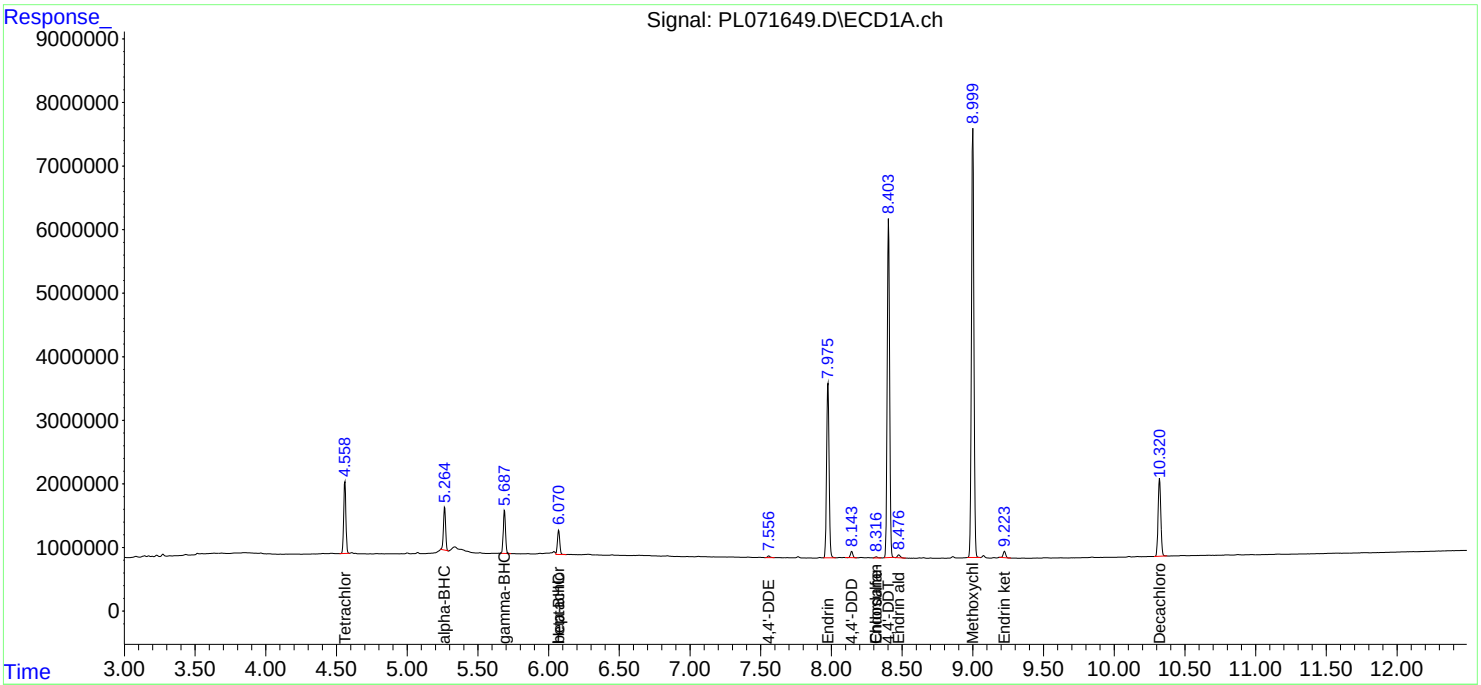
Quantitation Report (Not Reviewed)

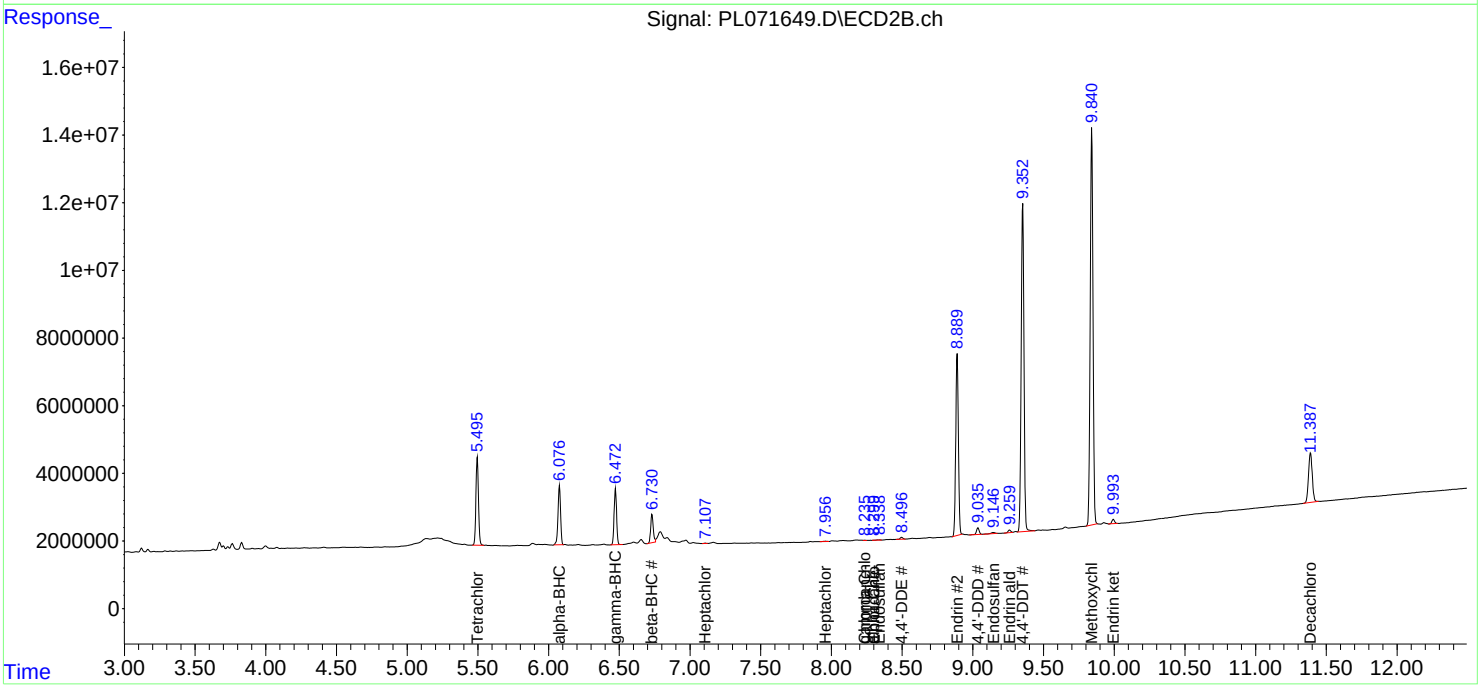
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
Data File : PL071649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2021 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

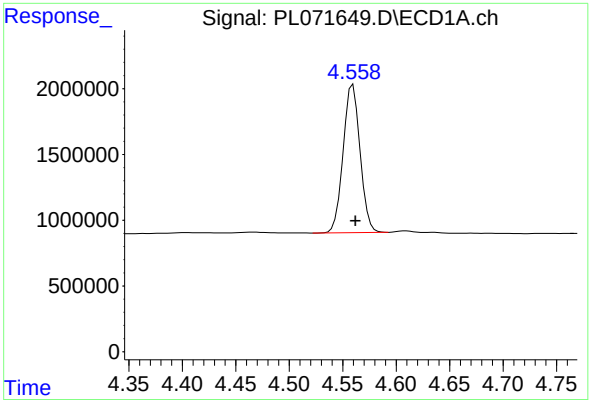
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 02:37:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
Quant Title : GC Extractables
QLast Update : Mon Dec 27 14:06:28 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



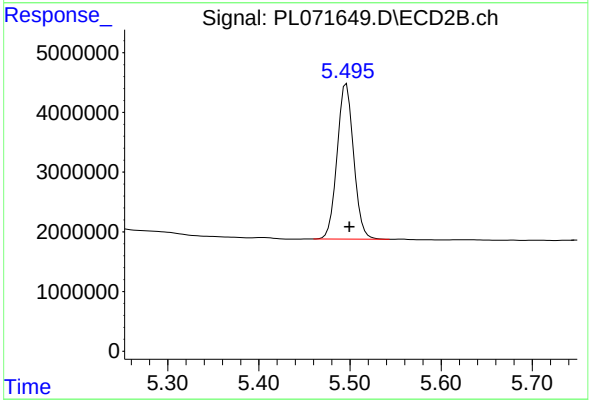




#1 Tetrachloro-m-xylene

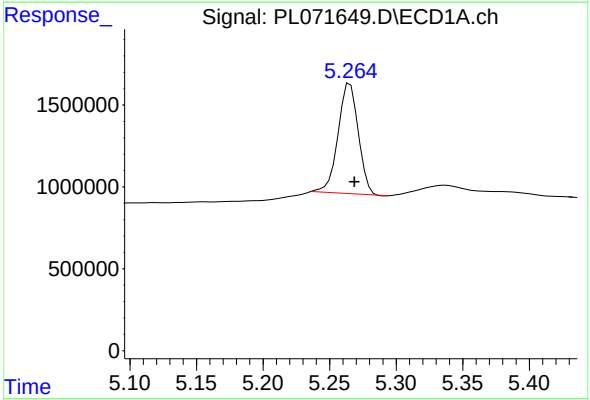
R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 12405516
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



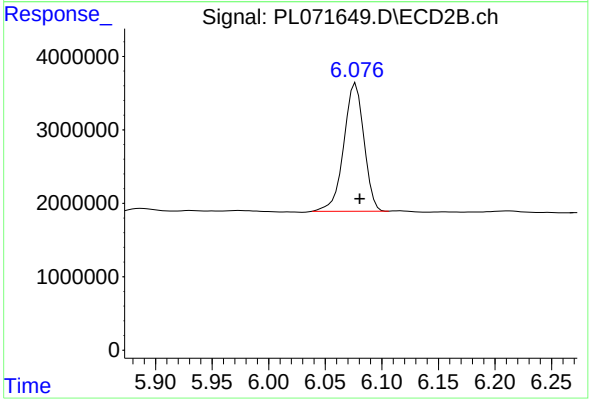
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 32814902
Conc: 19.23 ng/ml



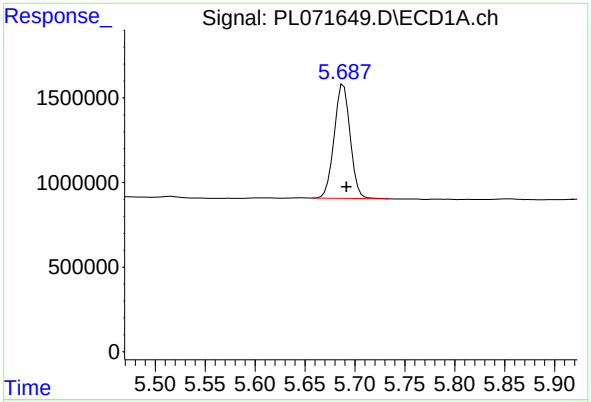
#2 alpha-BHC

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 7067224
Conc: 7.77 ng/ml



#2 alpha-BHC

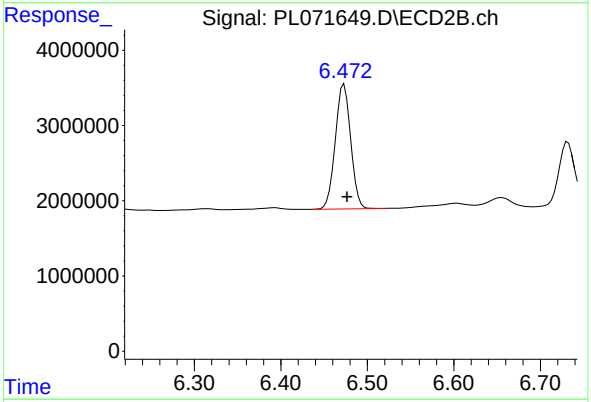
R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 21648424
Conc: 8.87 ng/ml



#3 gamma-BHC (Lindane)

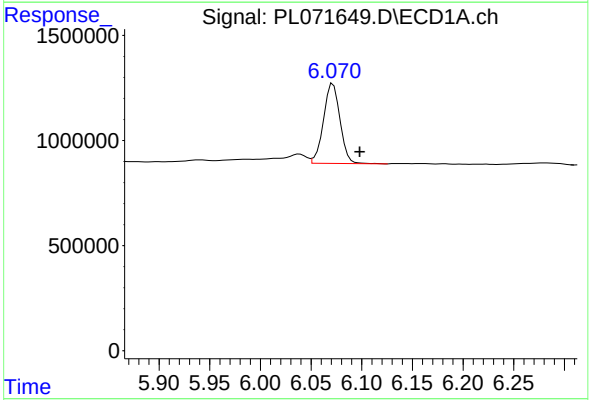
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 7509645
Conc: 8.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



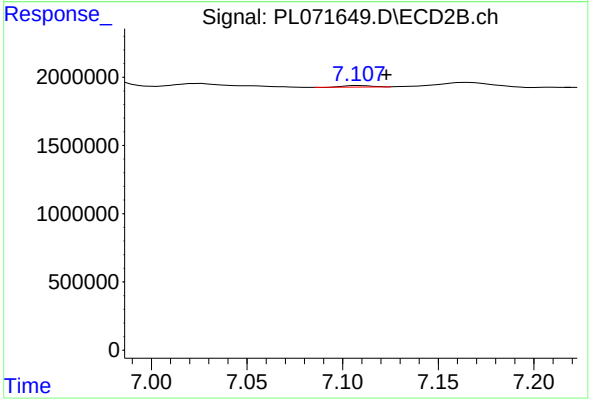
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 20388955
Conc: 8.99 ng/ml



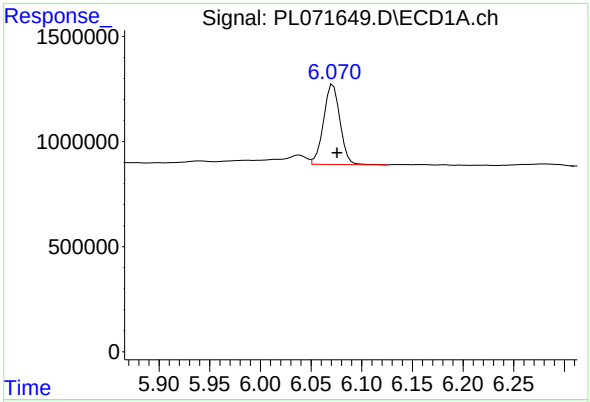
#4 Heptachlor

R.T.: 6.072 min
Delta R.T.: -0.026 min
Response: 4317851
Conc: 4.49 ng/ml



#4 Heptachlor

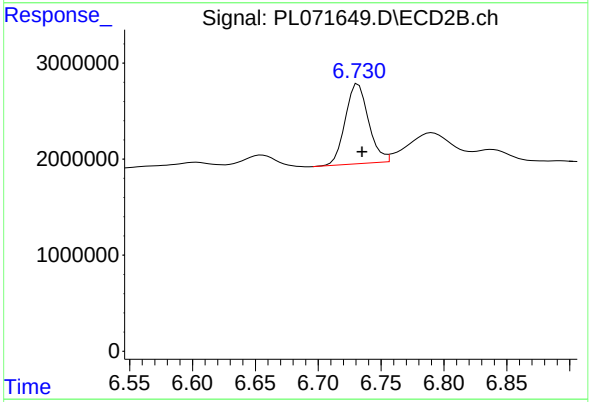
R.T.: 7.109 min
Delta R.T.: -0.014 min
Response: 108096
Conc: 0.05 ng/ml



#6 beta-BHC

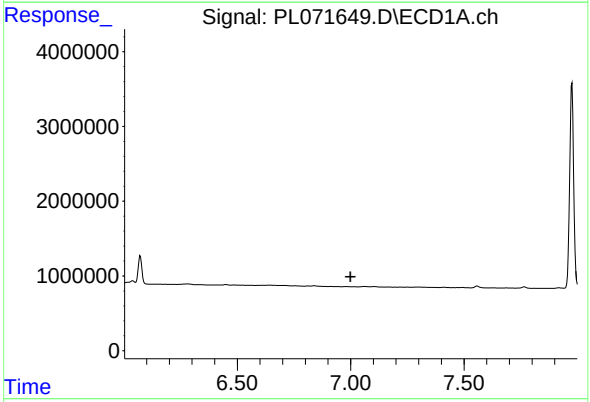
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 4317851
Conc: 11.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



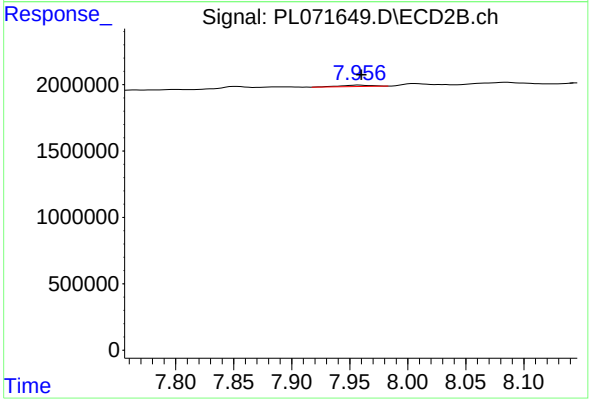
#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 10674164
Conc: 10.37 ng/ml



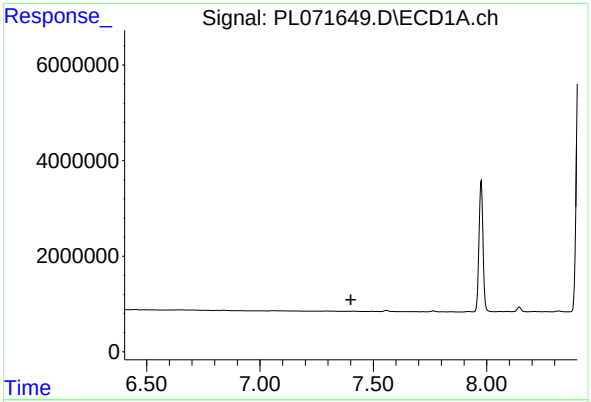
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

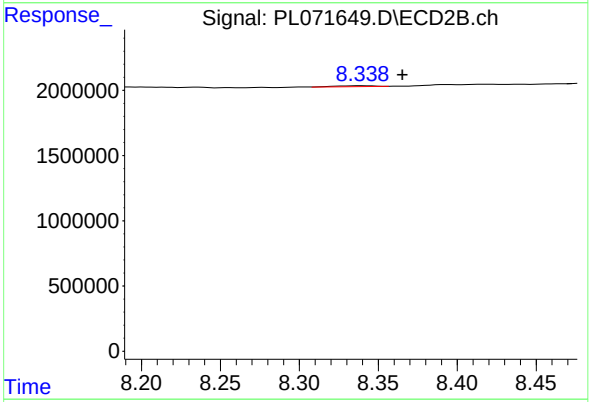
R.T.: 7.958 min
Delta R.T.: -0.002 min
Response: 185960
Conc: 0.09 ng/ml



#9 Endosulfan I

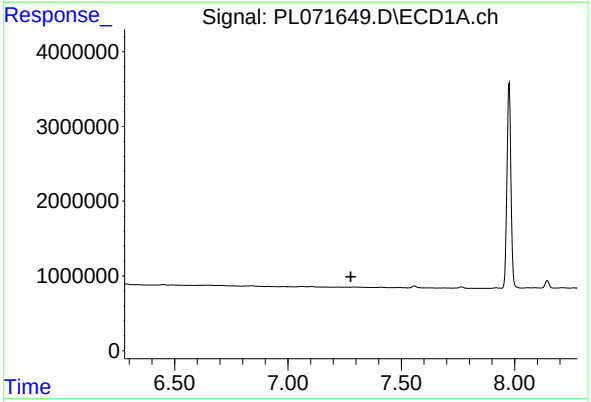
R.T.: 0.000 min
Exp R.T. : 7.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



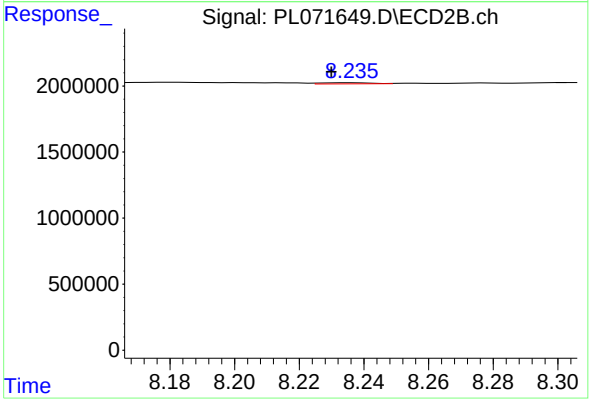
#9 Endosulfan I

R.T.: 8.340 min
Delta R.T.: -0.026 min
Response: 134504
Conc: 0.08 ng/ml



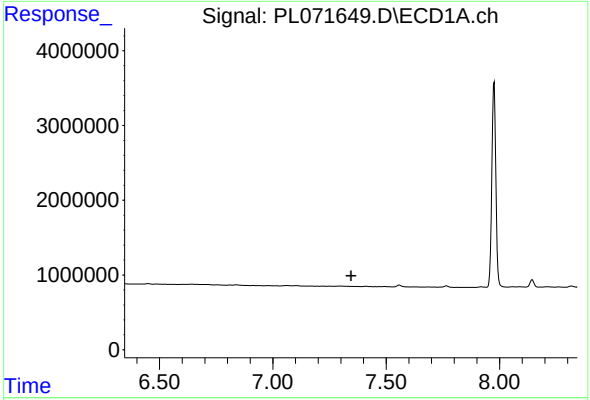
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 7.277 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

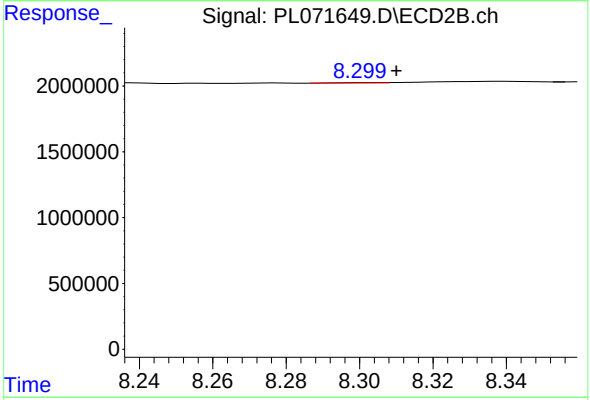
R.T.: 8.237 min
Delta R.T.: 0.007 min
Response: 87580
Conc: 0.04 ng/ml



#11 alpha-Chlordane

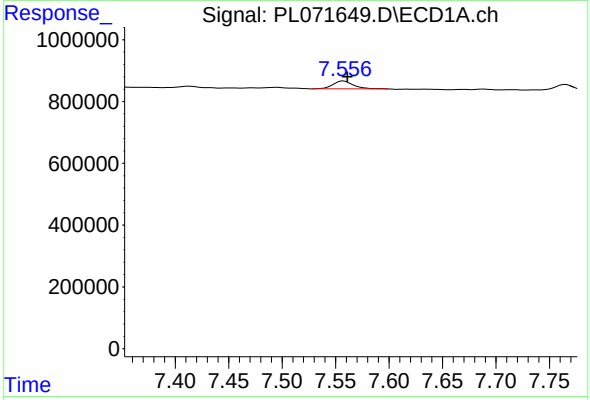
R.T.: 0.000 min
Exp R.T. : 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



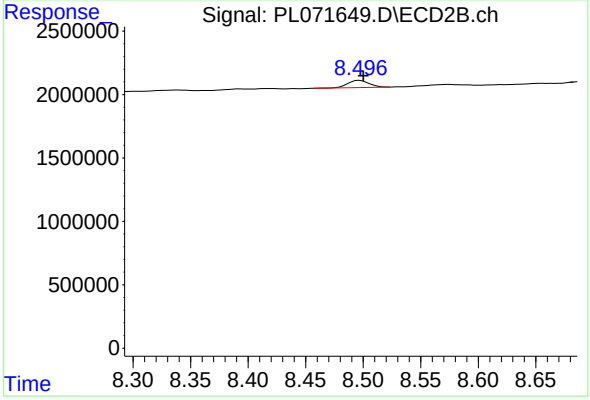
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.008 min
Response: 18992
Conc: 0.01 ng/ml



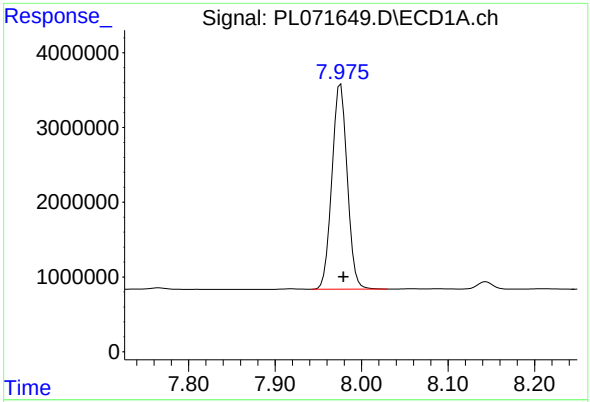
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 339810
Conc: 0.46 ng/ml



#12 4,4'-DDE

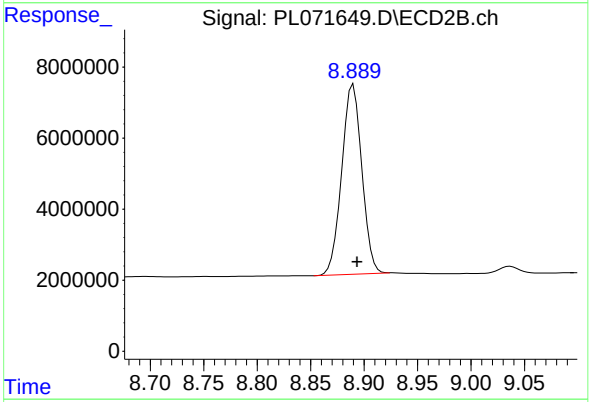
R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 718079
Conc: 0.41 ng/ml



#14 Endrin

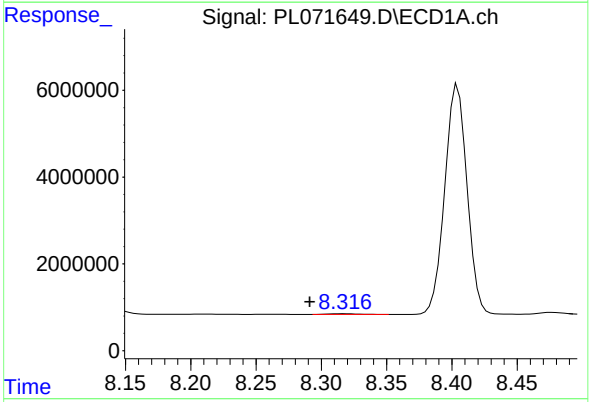
R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 33647259
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



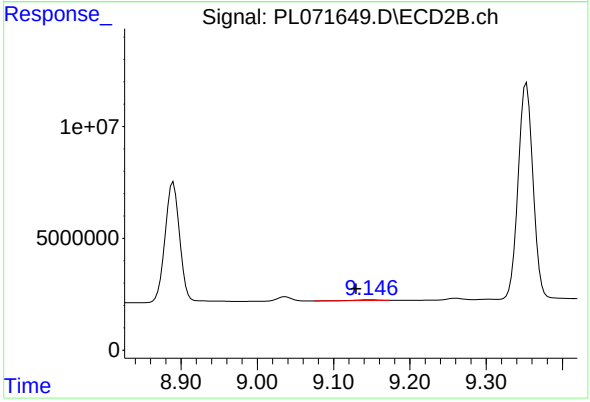
#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.004 min
Response: 70086122
Conc: 46.51 ng/ml



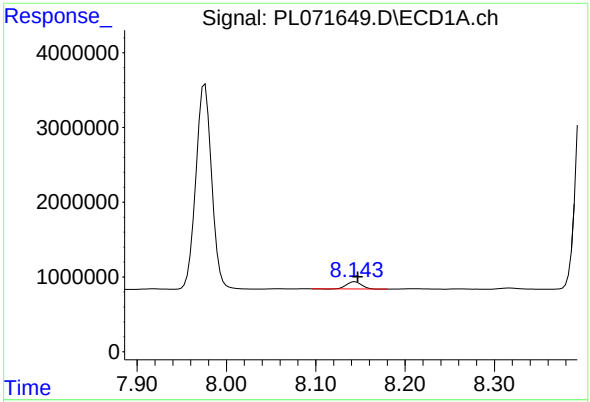
#15 Endosulfan II

R.T.: 8.318 min
Delta R.T.: 0.027 min
Response: 231467
Conc: 0.32 ng/ml



#15 Endosulfan II

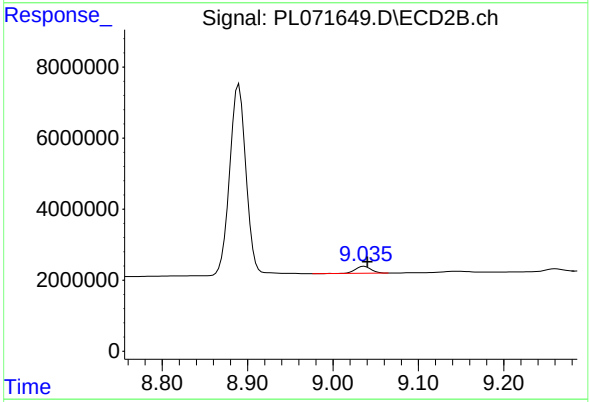
R.T.: 9.147 min
Delta R.T.: 0.018 min
Response: 669096
Conc: 0.45 ng/ml



#16 4,4'-DDD

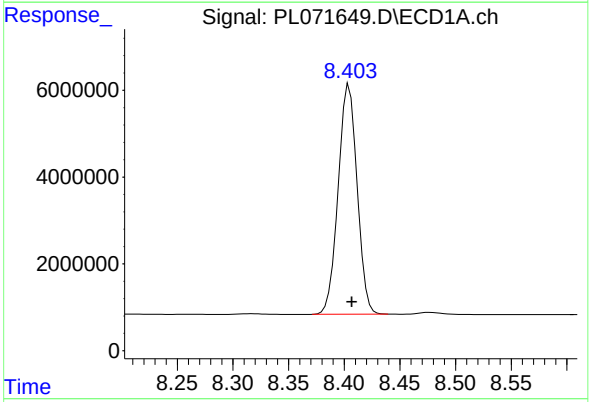
R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 1130369
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



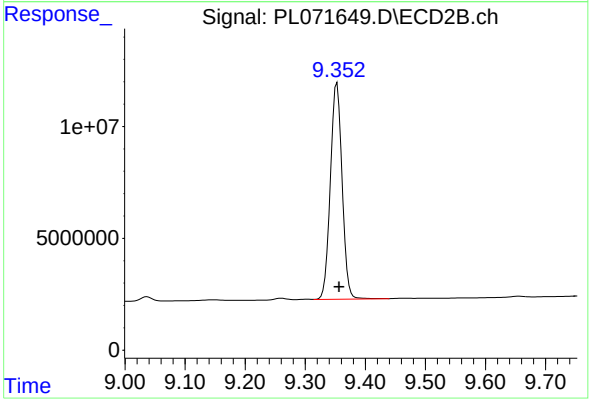
#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 2564069
Conc: 1.97 ng/ml



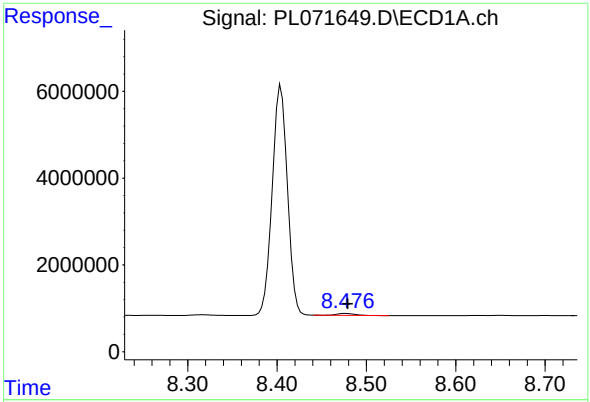
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.002 min
Response: 62746885
Conc: 97.33 ng/ml



#17 4,4'-DDT

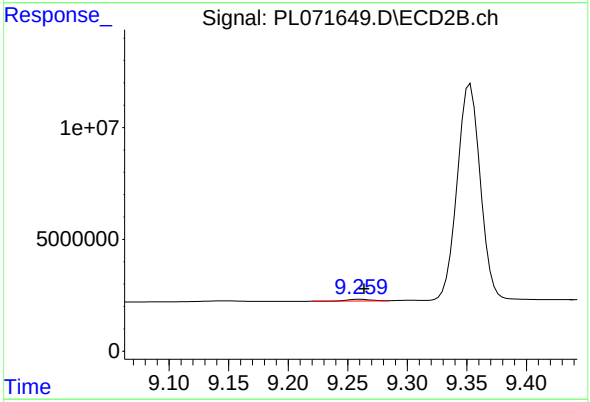
R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 131476095
Conc: 96.30 ng/ml



#18 Endrin aldehyde

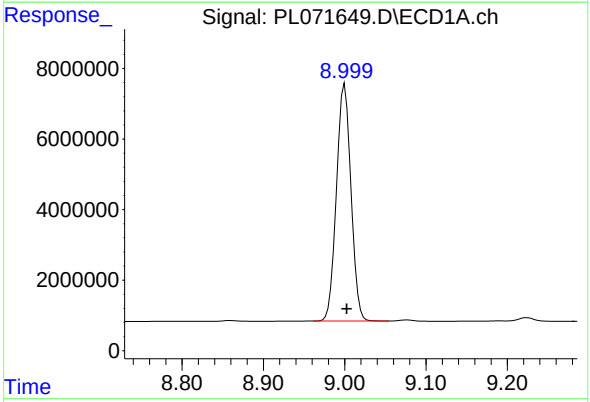
R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 587969
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



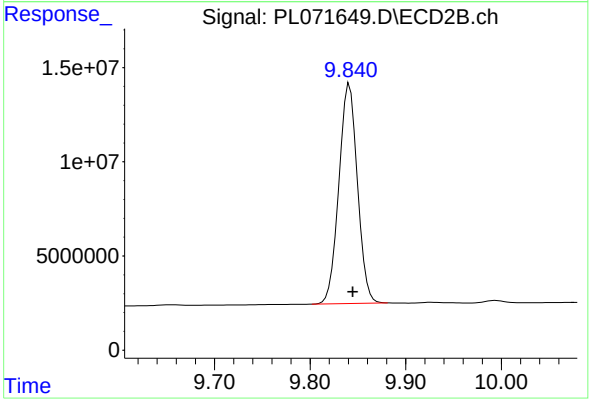
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 1018901
Conc: 0.88 ng/ml



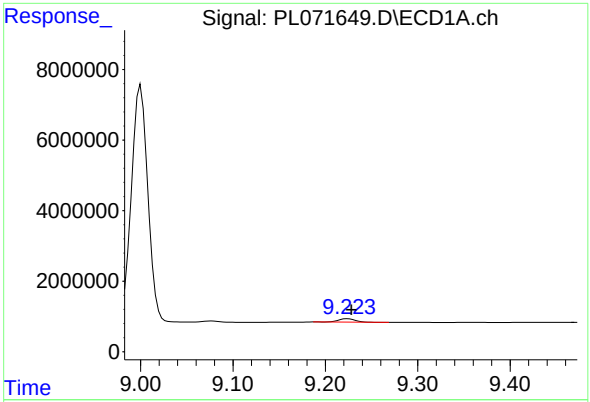
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.002 min
Response: 83255585
Conc: 223.43 ng/ml



#20 Methoxychlor

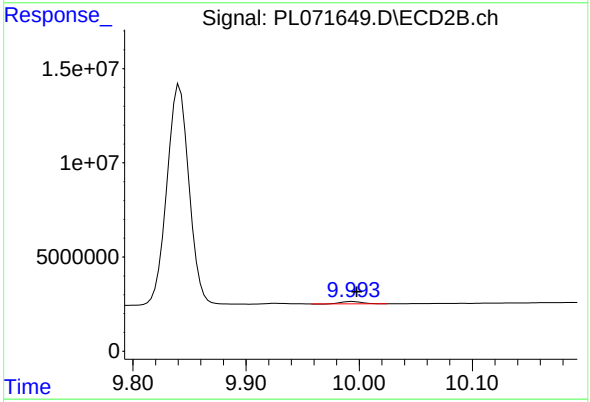
R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 157664624
Conc: 242.55 ng/ml



#21 Endrin ketone

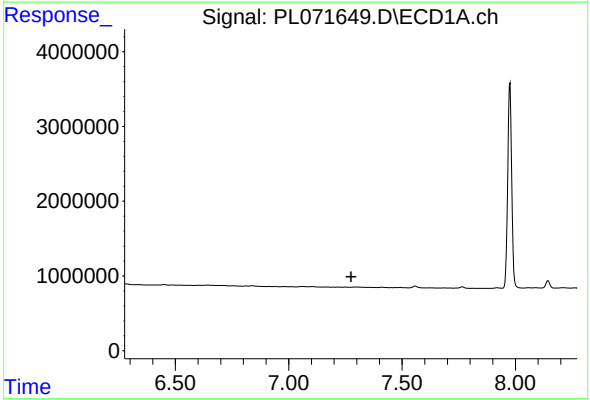
R.T.: 9.224 min
Delta R.T.: -0.004 min
Response: 1165137
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



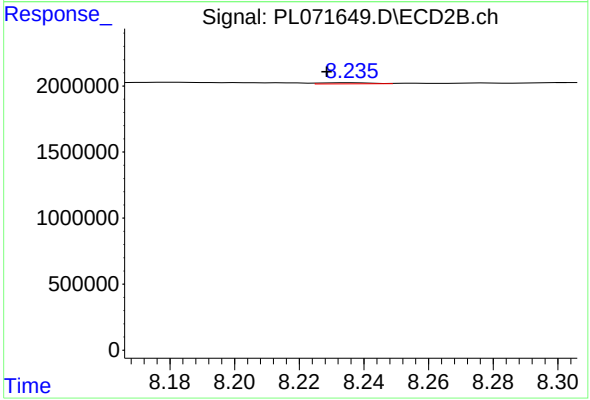
#21 Endrin ketone

R.T.: 9.994 min
Delta R.T.: -0.004 min
Response: 1597051
Conc: 1.18 ng/ml



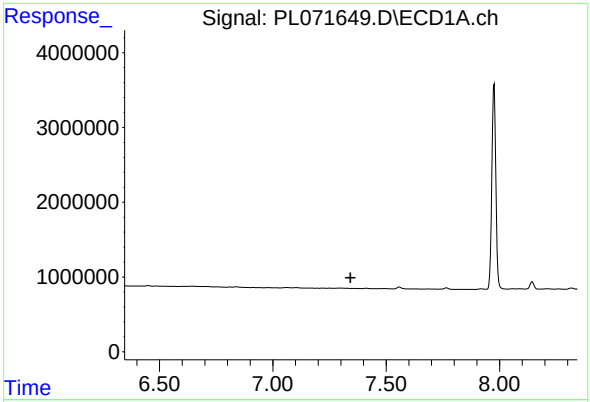
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 7.275 min
Response: 0
Conc: N.D.



#25 Chlordane-3

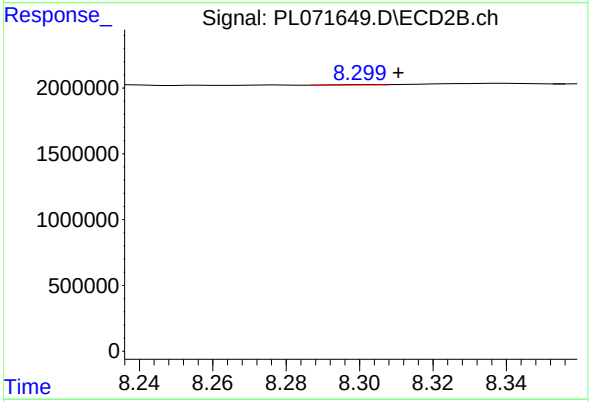
R.T.: 8.237 min
Delta R.T.: 0.008 min
Response: 87580
Conc: 0.32 ng/ml



#26 Chlordane-4

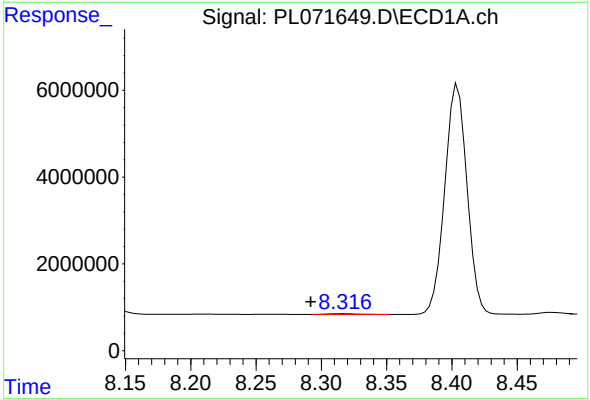
R.T.: 0.000 min
Exp R.T. : 7.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



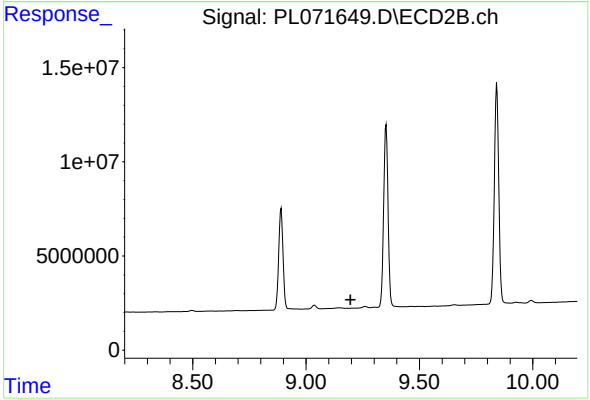
#26 Chlordane-4

R.T.: 8.302 min
Delta R.T.: -0.009 min
Response: 18992
Conc: 0.06 ng/ml



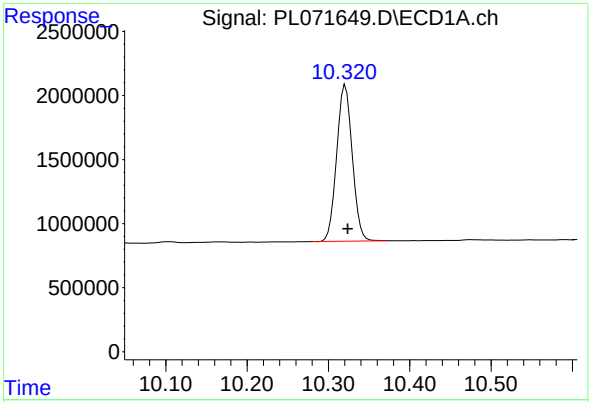
#27 Chlordane-5

R.T.: 8.318 min
Delta R.T.: 0.026 min
Response: 231467
Conc: 7.63 ng/ml



#27 Chlordane-5

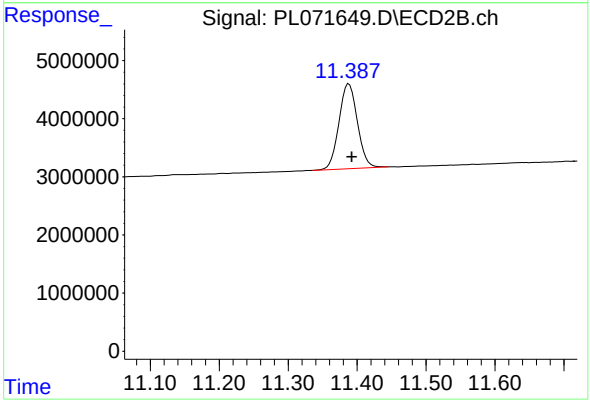
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.003 min
Response: 16245052
Conc: 21.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.004 min
Response: 27216300
Conc: 21.72 ng/ml