Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
Data File : PL071692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Dec 2021 09:45
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 15:18:07 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...	4.561	5.498	13053632	31810222	20.120	18.641	
28)	SA Decachlor...	10.323	11.391	16929965	26505301	22.741	21.149	
	Target Compounds							
2)	A alpha-BHC	5.267	6.079	8173783	21661457	8.991	8.873	
3)	MA gamma-BHC...	5.690	6.475	7773832	19633282	8.869	8.661	
4)	MA Heptachlor	6.074f	7.111	4342312	99520	4.517	0.043	#
5)	MB Aldrin	0.000	7.495	0	245787	N.D.	0.112	#
6)	B beta-BHC	6.074	6.733	4342312	11141725	11.427	10.823	
7)	B delta-BHC	0.000	6.974f	0	234560	N.D.	0.111	#
8)	B Heptachlo...	0.000	7.968	0	485293	N.D.	0.247	#
9)	A Endosulfan I	0.000	8.366	0	26300	N.D.	0.015	#
10)	B gamma-Chl...	0.000	8.213f	0	2214251	N.D.	1.135	#
11)	B alpha-Chl...	0.000	8.314	0	428109	N.D.	0.230	#
12)	B 4,4'-DDE	7.560	8.499	591529	1265030	0.794	0.715	
14)	MA Endrin	7.978	8.892	33308211	62980801	44.770	41.791	
15)	B Endosulfa...	8.318f	9.147f	853392	2078913	1.186	1.398	
16)	A 4,4'-DDD	8.146	9.039	1027829	2062713	1.732	1.588	
17)	MA 4,4'-DDT	8.406	9.356	63753364	121.3E6	98.889	88.823	
18)	B Endrin al...	8.479	9.263	1331190	2607985	2.295	2.256	
19)	B Endosulfa...	8.704	9.496	167329	302535	0.227	0.215	
20)	A Methoxychlor	9.002	9.843	80441944	141.1E6	215.876	217.095	
21)	B Endrin ke...	9.227	9.997	2020095	2187851	2.568	1.611	#
23)	Chlordane-1	0.000	6.903f	0	28673	N.D.	0.426	#
24)	Chlordane-2	0.000	7.495f	0	245787	N.D.	3.336	#
25)	Chlordane-3	0.000	8.213f	0	2214251	N.D.	8.013	#
26)	Chlordane-4	0.000	8.314	0	428109	N.D.	1.320	#
27)	Chlordane-5	8.318f	0.000	853392	0	28.141	N.D.	#

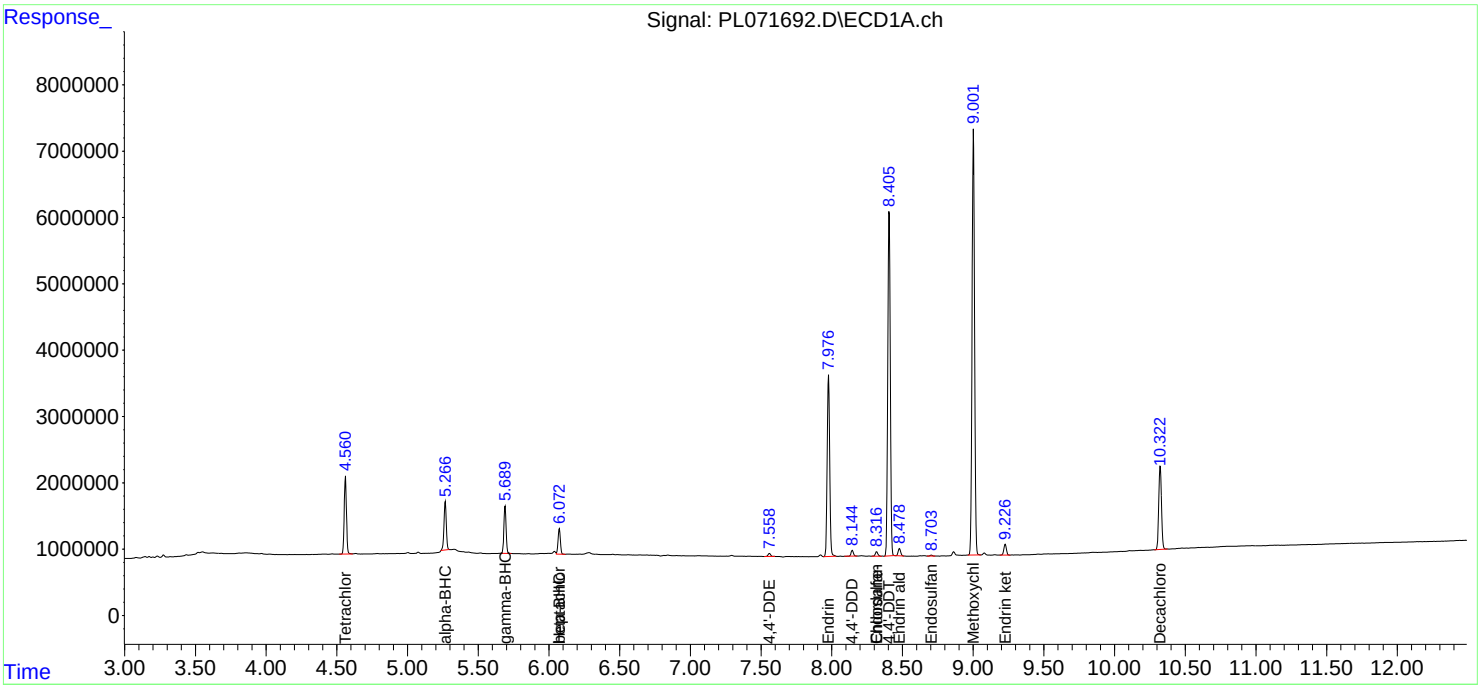
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

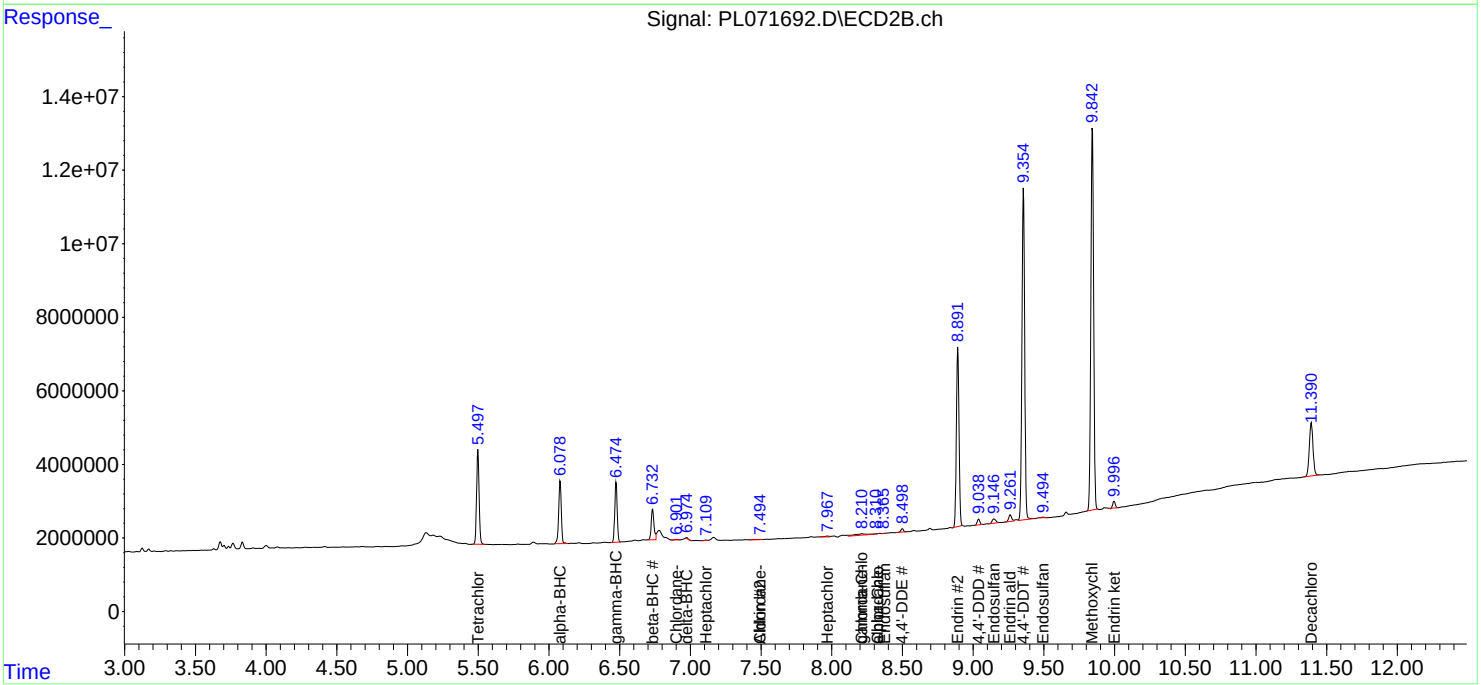
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122821\
Data File : PL071692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Dec 2021 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

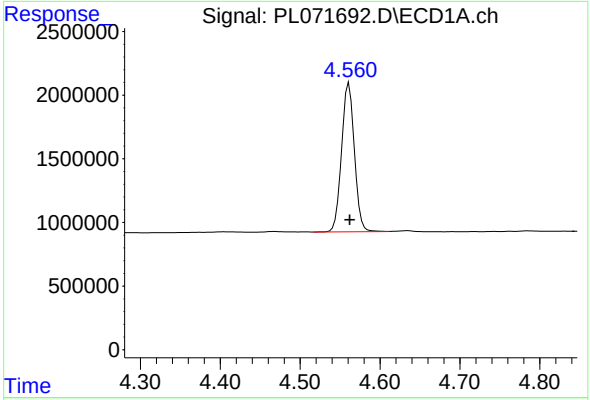
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 15:18:07 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



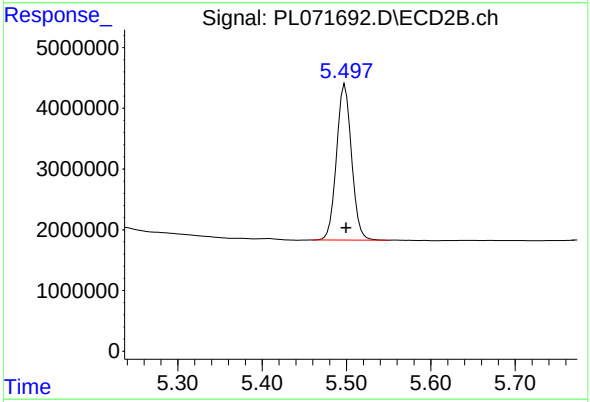




#1 Tetrachloro-m-xylene

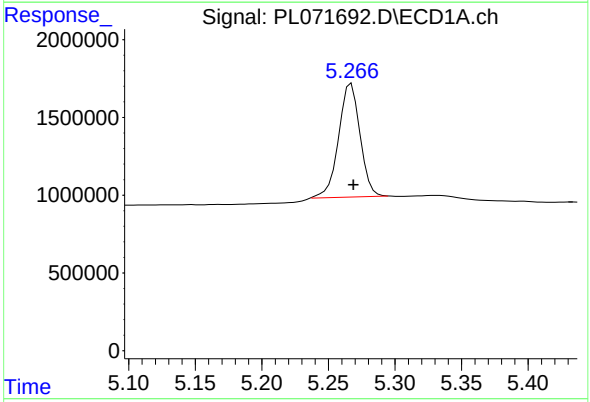
R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 13053632
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



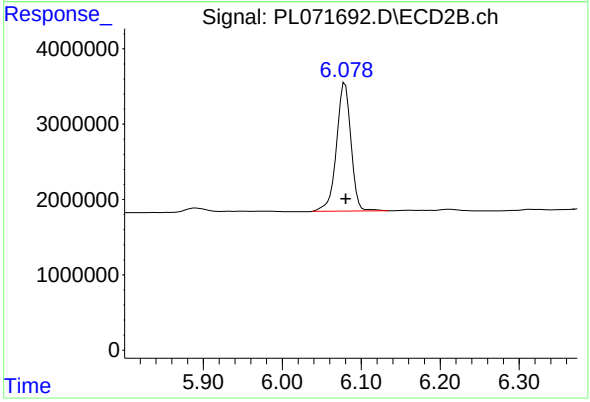
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: -0.001 min
Response: 31810222
Conc: 18.64 ng/ml



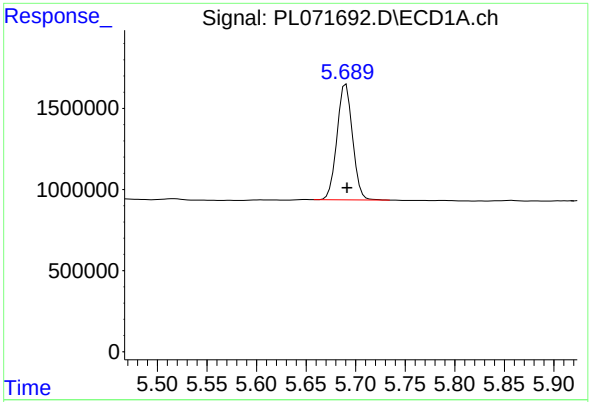
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 8173783
Conc: 8.99 ng/ml



#2 alpha-BHC

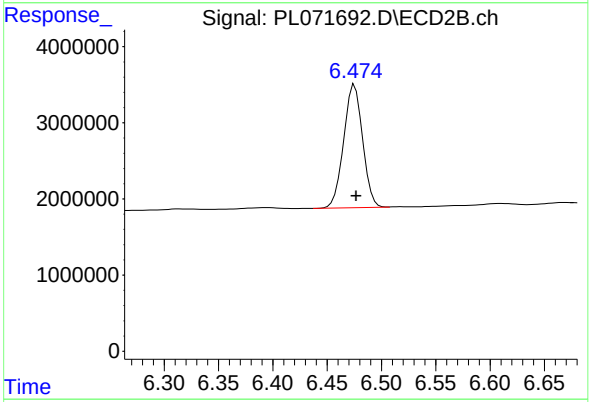
R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 21661457
Conc: 8.87 ng/ml



#3 gamma-BHC (Lindane)

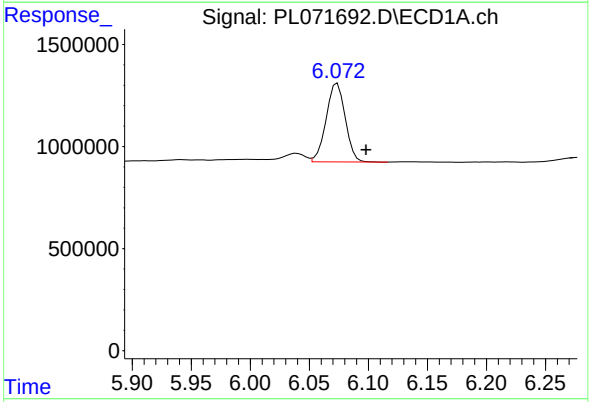
R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 7773832
Conc: 8.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



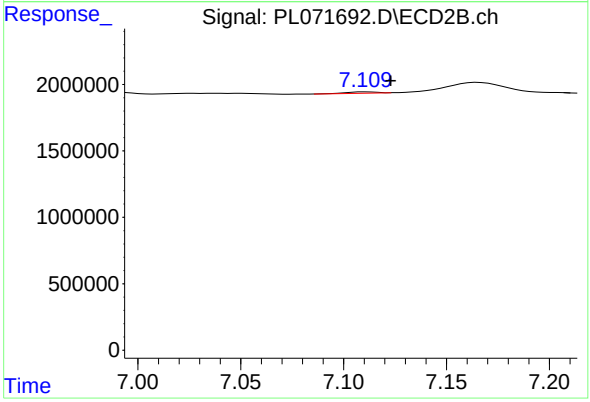
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.001 min
Response: 19633282
Conc: 8.66 ng/ml



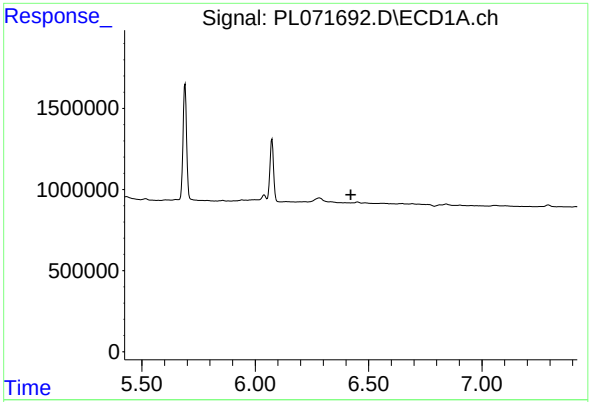
#4 Heptachlor

R.T.: 6.074 min
Delta R.T.: -0.024 min
Response: 4342312
Conc: 4.52 ng/ml



#4 Heptachlor

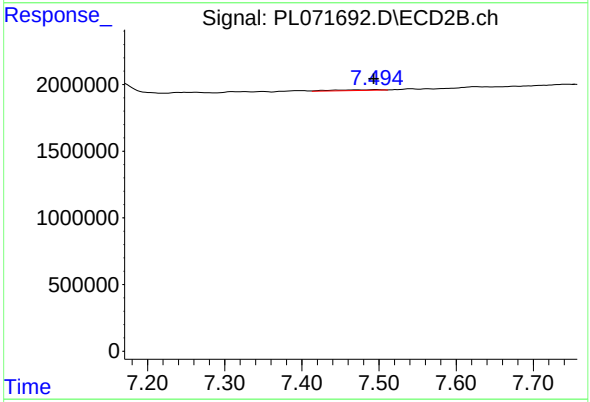
R.T.: 7.111 min
Delta R.T.: -0.012 min
Response: 99520
Conc: 0.04 ng/ml



#5 Aldrin

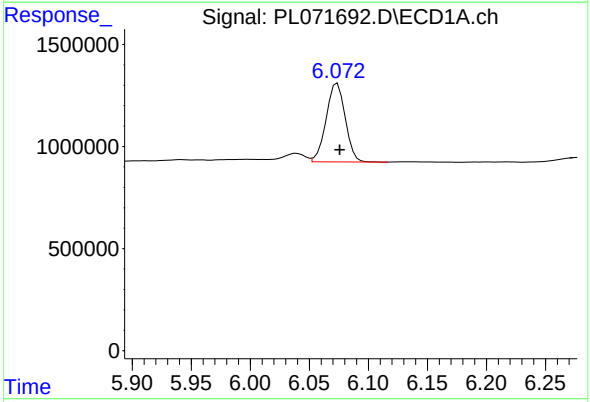
R.T.: 0.000 min
Exp R.T. : 6.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



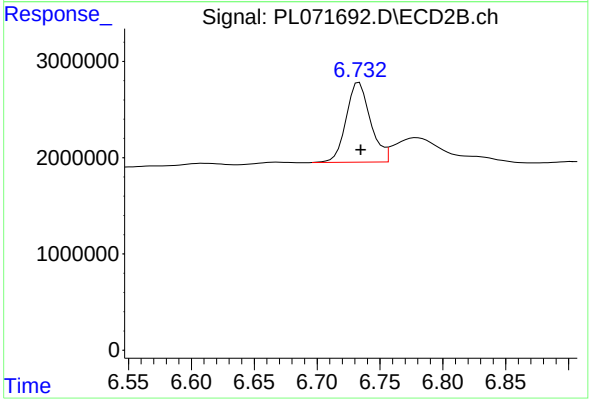
#5 Aldrin

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 245787
Conc: 0.11 ng/ml



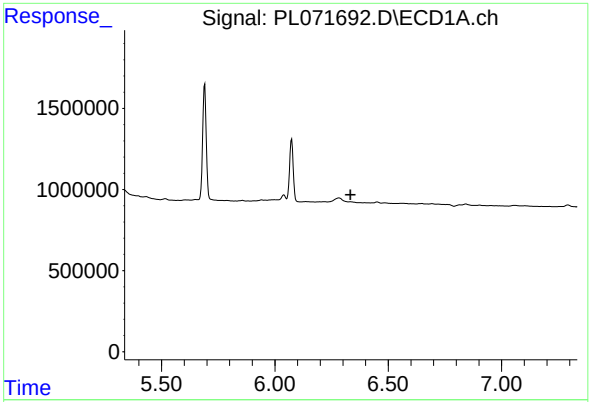
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 4342312
Conc: 11.43 ng/ml



#6 beta-BHC

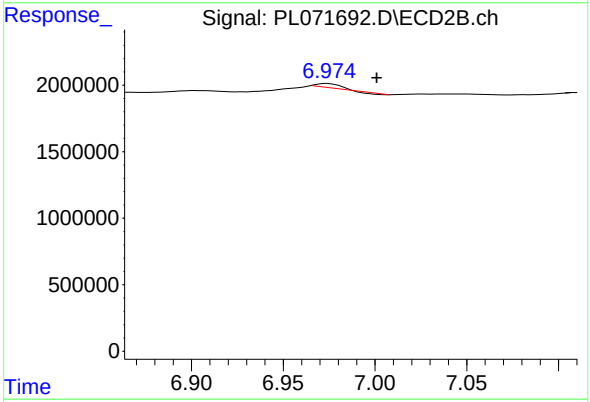
R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 11141725
Conc: 10.82 ng/ml



#7 delta-BHC

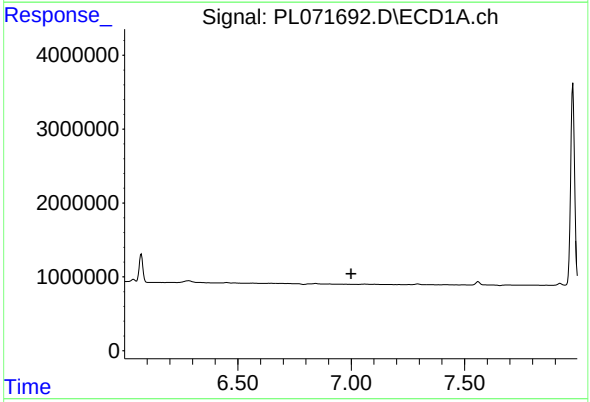
R.T.: 0.000 min
Exp R.T. : 6.334 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



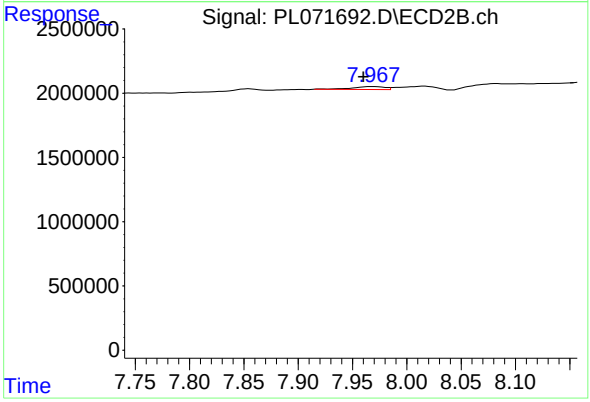
#7 delta-BHC

R.T.: 6.974 min
Delta R.T.: -0.027 min
Response: 234560
Conc: 0.11 ng/ml



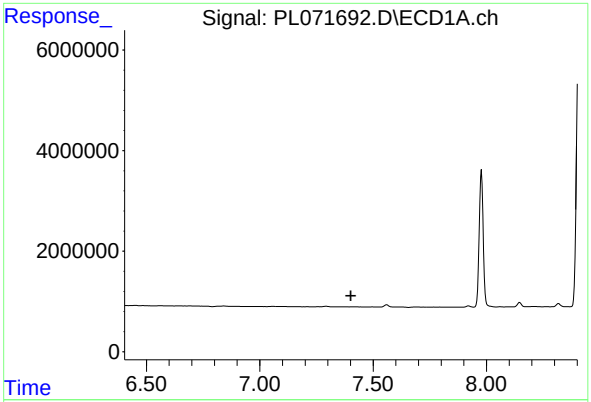
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

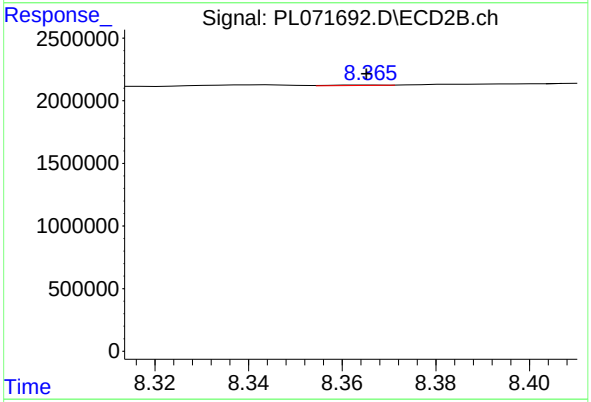
R.T.: 7.968 min
Delta R.T.: 0.008 min
Response: 485293
Conc: 0.25 ng/ml



#9 Endosulfan I

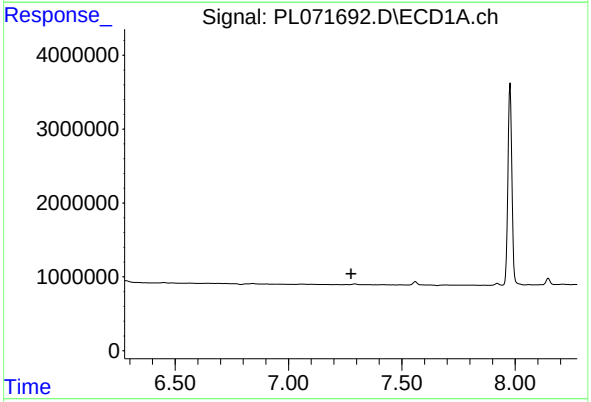
R.T.: 0.000 min
Exp R.T. : 7.401 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



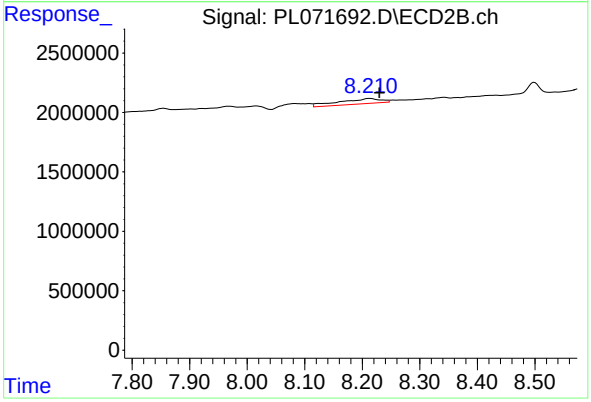
#9 Endosulfan I

R.T.: 8.366 min
Delta R.T.: 0.001 min
Response: 26300
Conc: 0.02 ng/ml



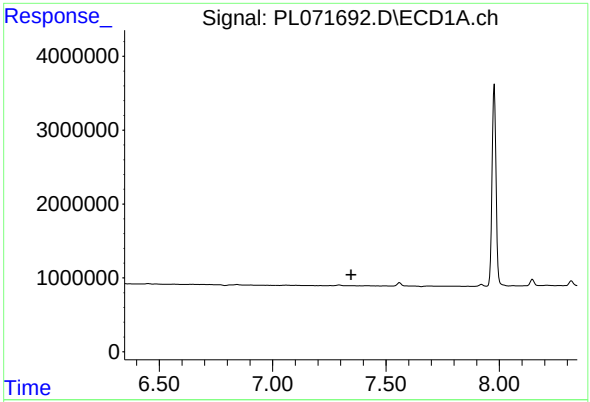
#10 gamma-Chlordane

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



#10 gamma-Chlordane

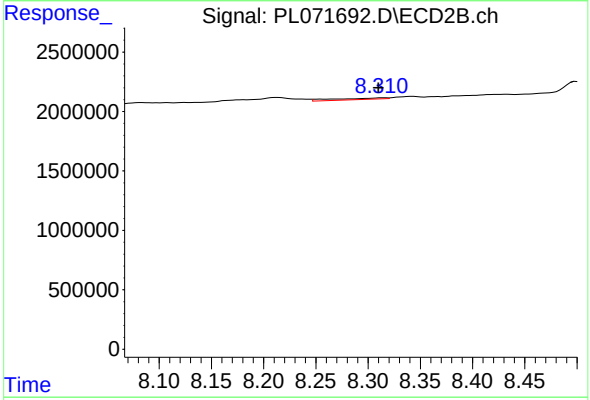
R.T.: 8.213 min
Delta R.T.: -0.017 min
Response: 2214251
Conc: 1.14 ng/ml



#11 alpha-Chlordane

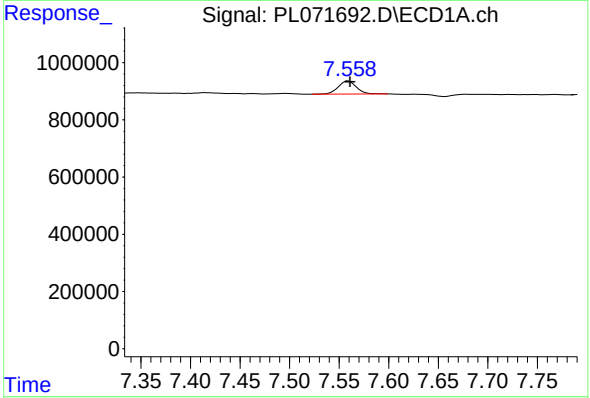
R.T.: 0.000 min
Exp R.T. : 7.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



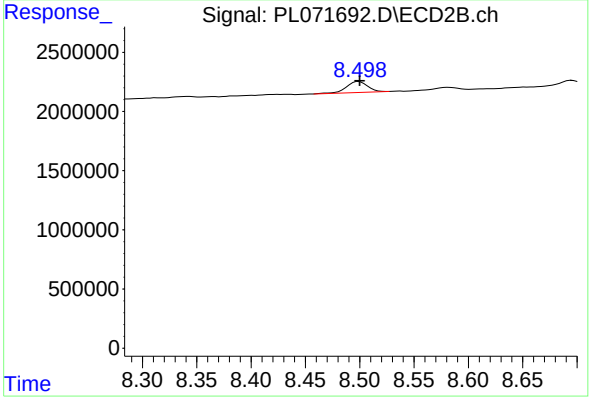
#11 alpha-Chlordane

R.T.: 8.314 min
Delta R.T.: 0.004 min
Response: 428109
Conc: 0.23 ng/ml



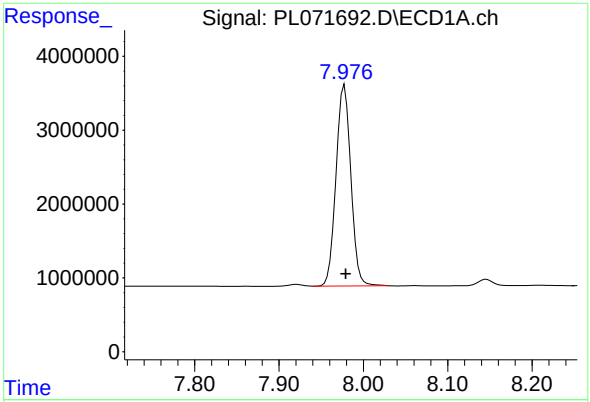
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: -0.001 min
Response: 591529
Conc: 0.79 ng/ml



#12 4,4'-DDE

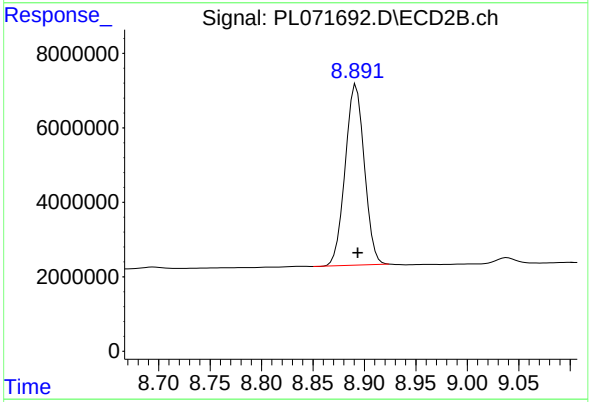
R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 1265030
Conc: 0.71 ng/ml



#14 Endrin

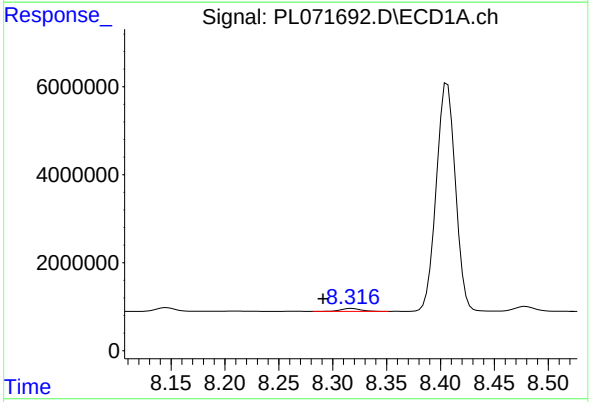
R.T.: 7.978 min
Delta R.T.: -0.001 min
Response: 33308211
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



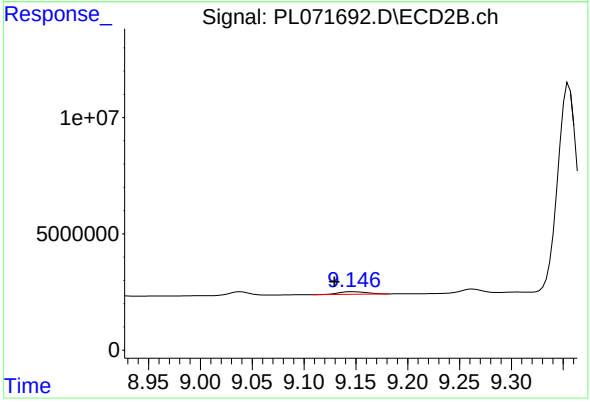
#14 Endrin

R.T.: 8.892 min
Delta R.T.: -0.001 min
Response: 62980801
Conc: 41.79 ng/ml



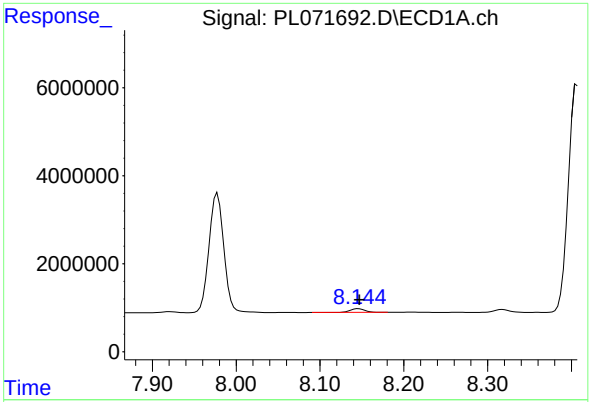
#15 Endosulfan II

R.T.: 8.318 min
Delta R.T.: 0.027 min
Response: 853392
Conc: 1.19 ng/ml



#15 Endosulfan II

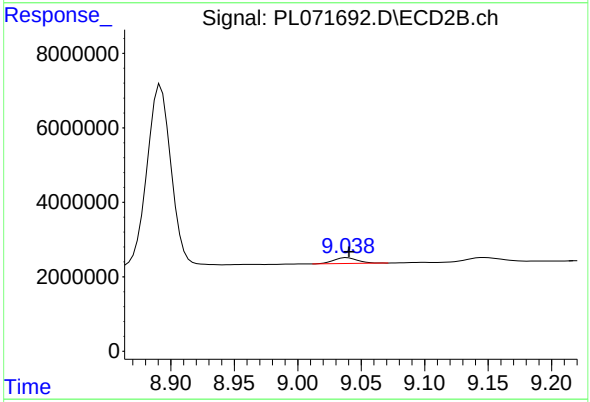
R.T.: 9.147 min
Delta R.T.: 0.018 min
Response: 2078913
Conc: 1.40 ng/ml



#16 4,4'-DDD

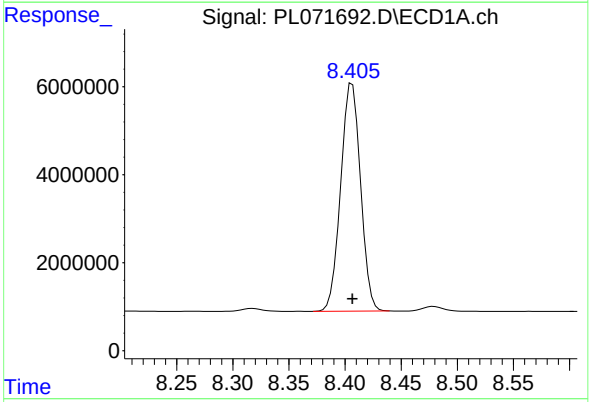
R.T.: 8.146 min
Delta R.T.: -0.001 min
Response: 1027829
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



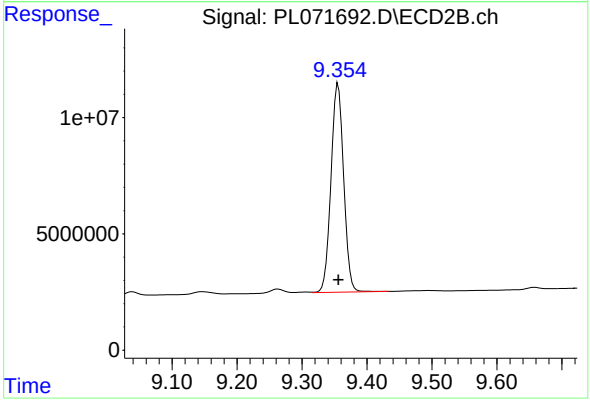
#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 2062713
Conc: 1.59 ng/ml



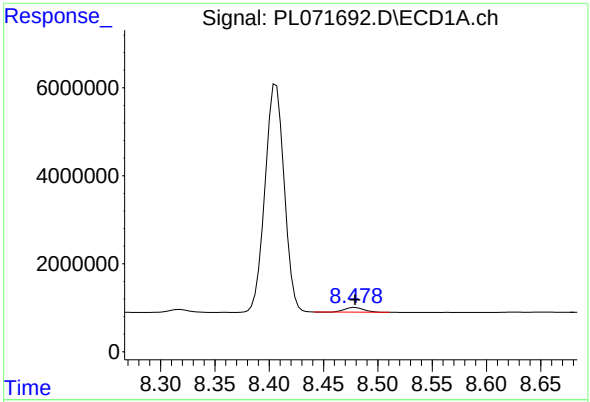
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 63753364
Conc: 98.89 ng/ml



#17 4,4'-DDT

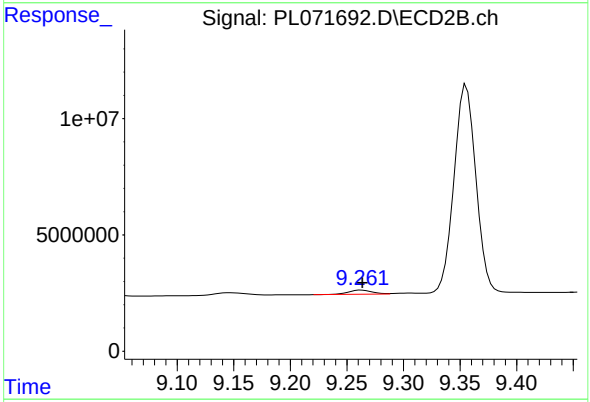
R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 121269748
Conc: 88.82 ng/ml



#18 Endrin aldehyde

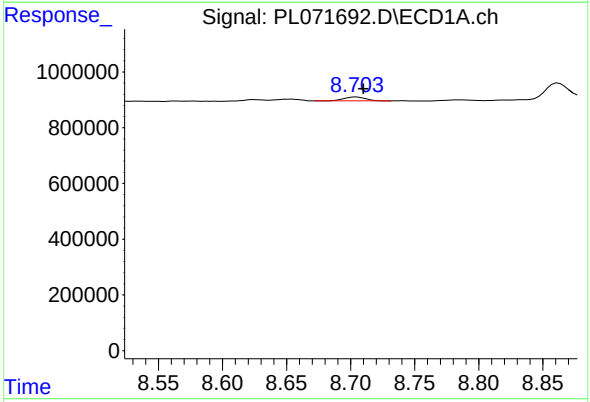
R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 1331190
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



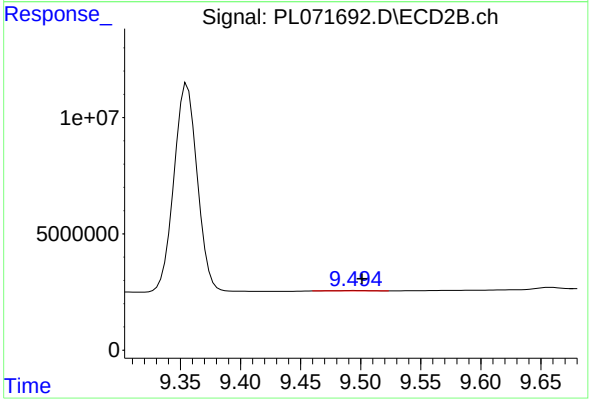
#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.000 min
Response: 2607985
Conc: 2.26 ng/ml



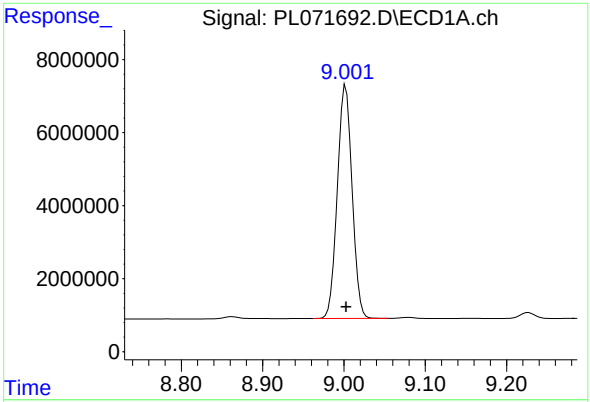
#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: -0.006 min
Response: 167329
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

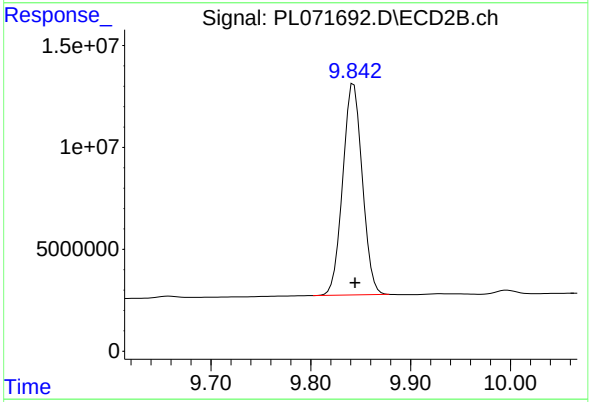
R.T.: 9.496 min
Delta R.T.: -0.006 min
Response: 302535
Conc: 0.22 ng/ml



#20 Methoxychlor

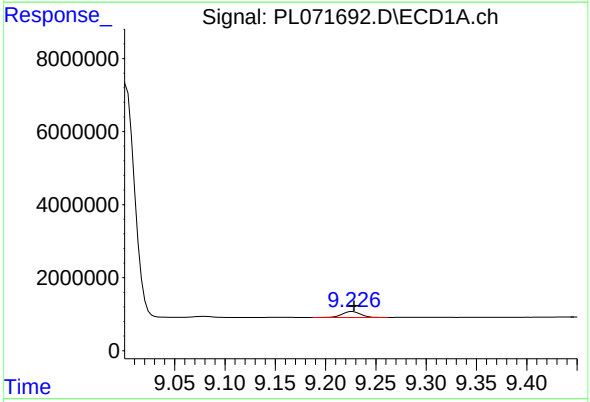
R.T.: 9.002 min
Delta R.T.: 0.000 min
Response: 80441944
Conc: 215.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



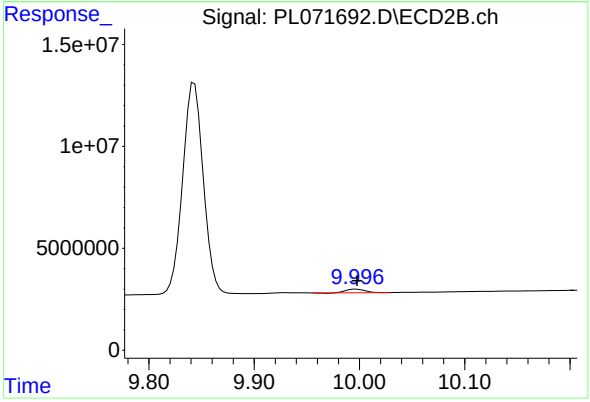
#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: -0.001 min
Response: 141116163
Conc: 217.10 ng/ml



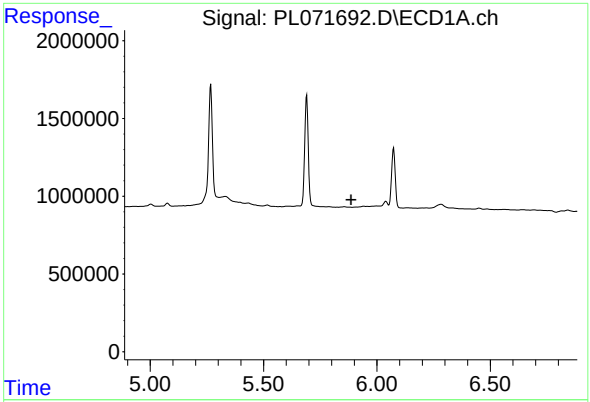
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: -0.001 min
Response: 2020095
Conc: 2.57 ng/ml



#21 Endrin ketone

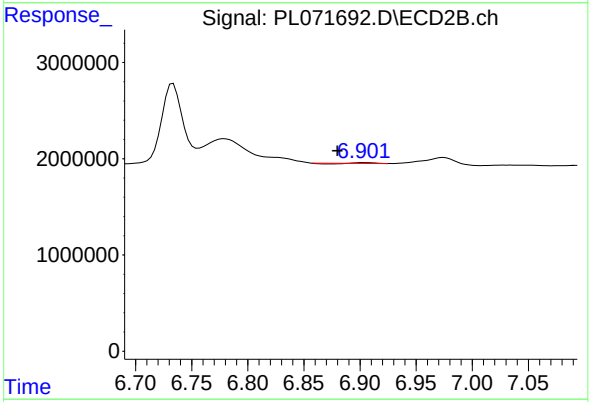
R.T.: 9.997 min
Delta R.T.: -0.001 min
Response: 2187851
Conc: 1.61 ng/ml



#23 Chlordane-1

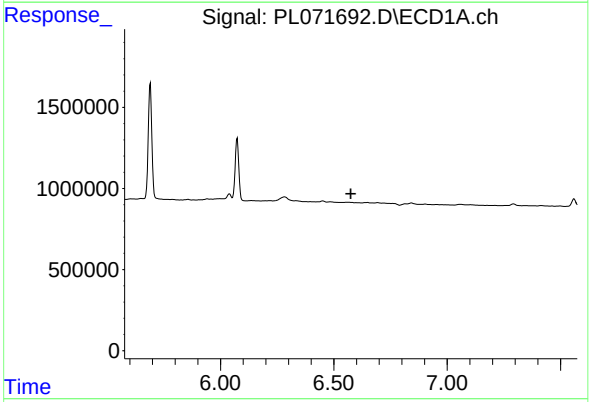
R.T.: 0.000 min
Exp R.T. : 5.886 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



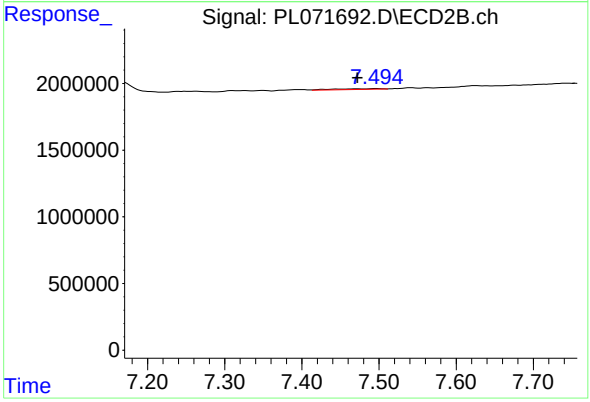
#23 Chlordane-1

R.T.: 6.903 min
Delta R.T.: 0.023 min
Response: 28673
Conc: 0.43 ng/ml



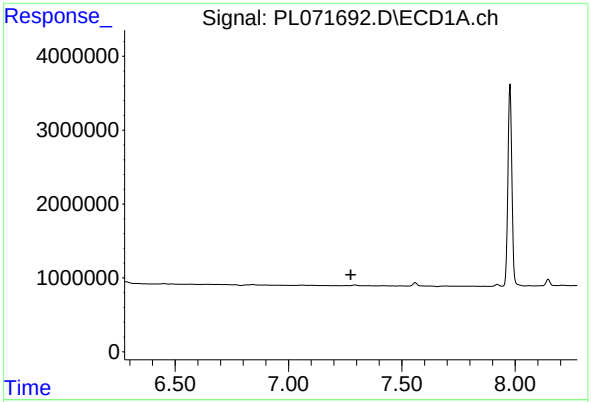
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 6.575 min
Response: 0
Conc: N.D.



#24 Chlordane-2

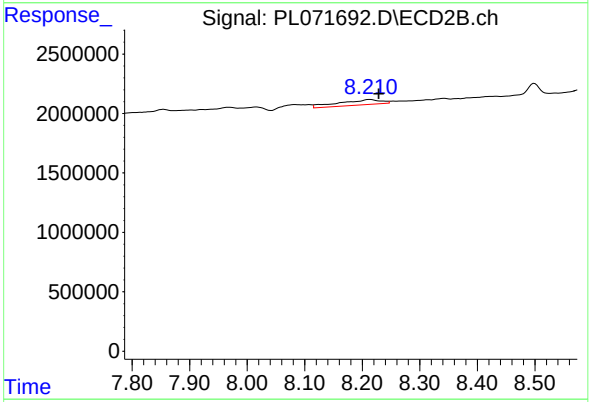
R.T.: 7.495 min
Delta R.T.: 0.023 min
Response: 245787
Conc: 3.34 ng/ml



#25 Chlordane-3

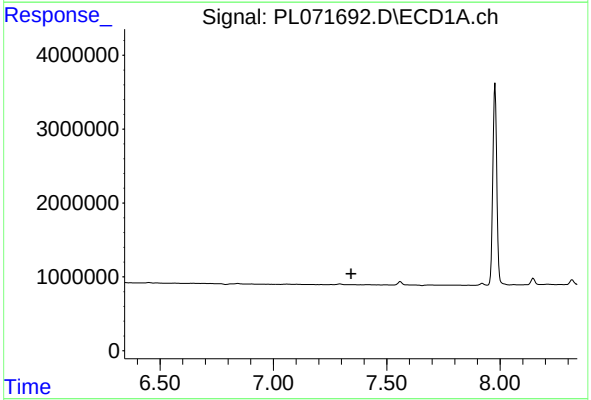
R.T.: 0.000 min
Exp R.T. : 7.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



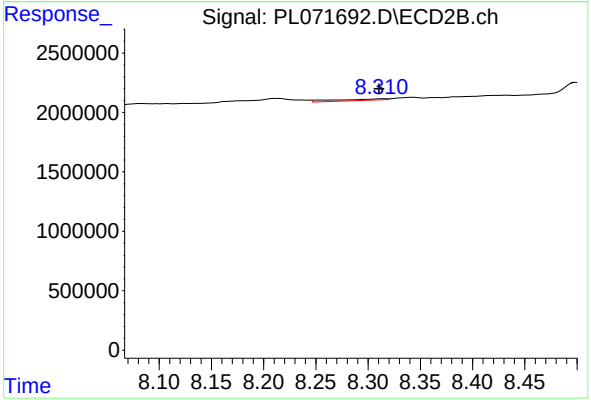
#25 Chlordane-3

R.T.: 8.213 min
Delta R.T.: -0.016 min
Response: 2214251
Conc: 8.01 ng/ml



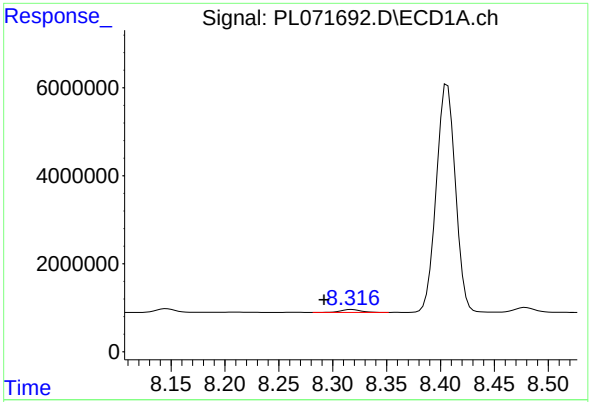
#26 Chlordane-4

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



#26 Chlordane-4

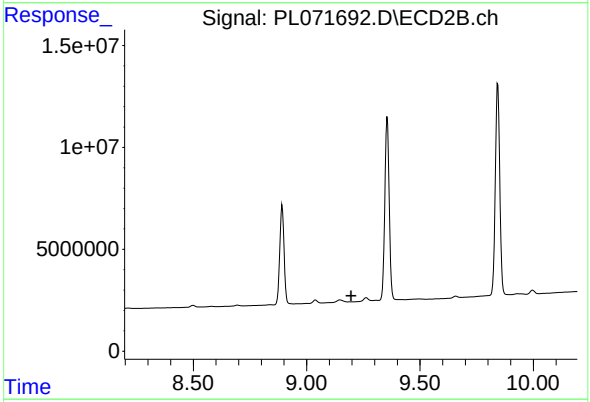
R.T.: 8.314 min
Delta R.T.: 0.003 min
Response: 428109
Conc: 1.32 ng/ml



#27 Chlordane-5

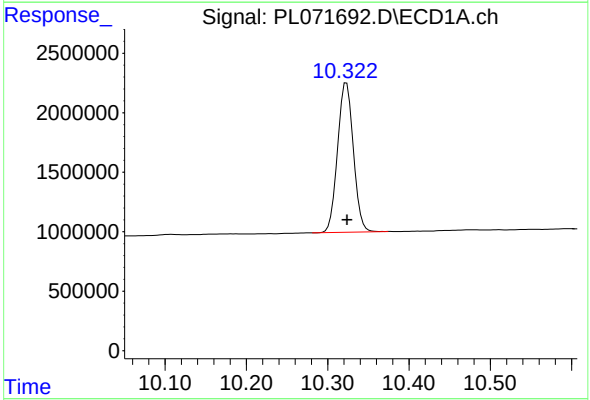
R.T.: 8.318 min
Delta R.T.: 0.026 min
Response: 853392
Conc: 28.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



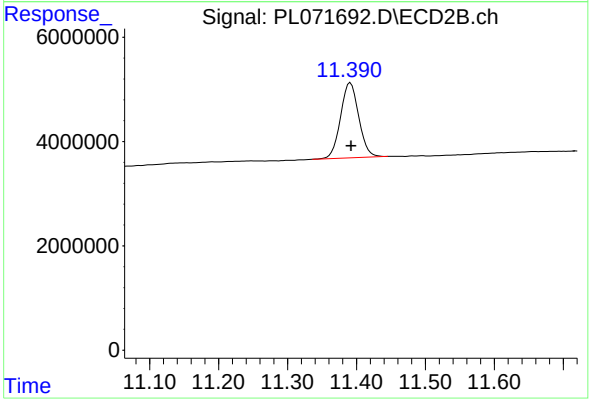
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.323 min
Delta R.T.: 0.000 min
Response: 16929965
Conc: 22.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: -0.001 min
Response: 26505301
Conc: 21.15 ng/ml