Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111621\
Data File : PL070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Nov 2021 09:32
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: Nov 17 03:42:47 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
Quant Title : GC Extractables
QLast Update : Thu Nov 04 19:28:07 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...	4.569	5.503	9825562	24607276	20.060	19.516	
28)	SA Decachlor...	10.332	11.396	14213770	24908201	20.802	18.625	
	Target Compounds							
2)	A alpha-BHC	5.275	6.083	6076873	16733594	9.078	9.090	
3)	MA gamma-BHC...	5.698	6.479	6068732	15639358	9.047	9.019	
4)	MA Heptachlor	6.079f	0.000	3372082	0	4.700	N.D.	#
6)	B beta-BHC	6.079	6.736	3372082	9089723	10.381	10.609	
7)	B delta-BHC	0.000	7.025f	0	8213	N.D.	0.005	#
12)	B 4,4'-DDE	7.568	0.000	198283	0	0.340	N.D.	#
14)	MA Endrin	7.986	8.896	26237441	56751046	46.277	48.995	
15)	B Endosulfa...	0.000	9.152f	0	774296	N.D.	0.634	#
16)	A 4,4'-DDD	8.154	9.042	985456	1889340	1.940	1.570	
17)	MA 4,4'-DDT	8.415	9.359	52546129	121.9E6	95.543	96.621	
18)	B Endrin al...	8.487	9.268	695090	2320386	1.530	2.399	#
20)	A Methoxychlor	9.010	9.846	70810679	142.3E6	193.556	210.232	
21)	B Endrin ke...	9.233	10.000	2128954	2575732	2.977	1.794	#

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

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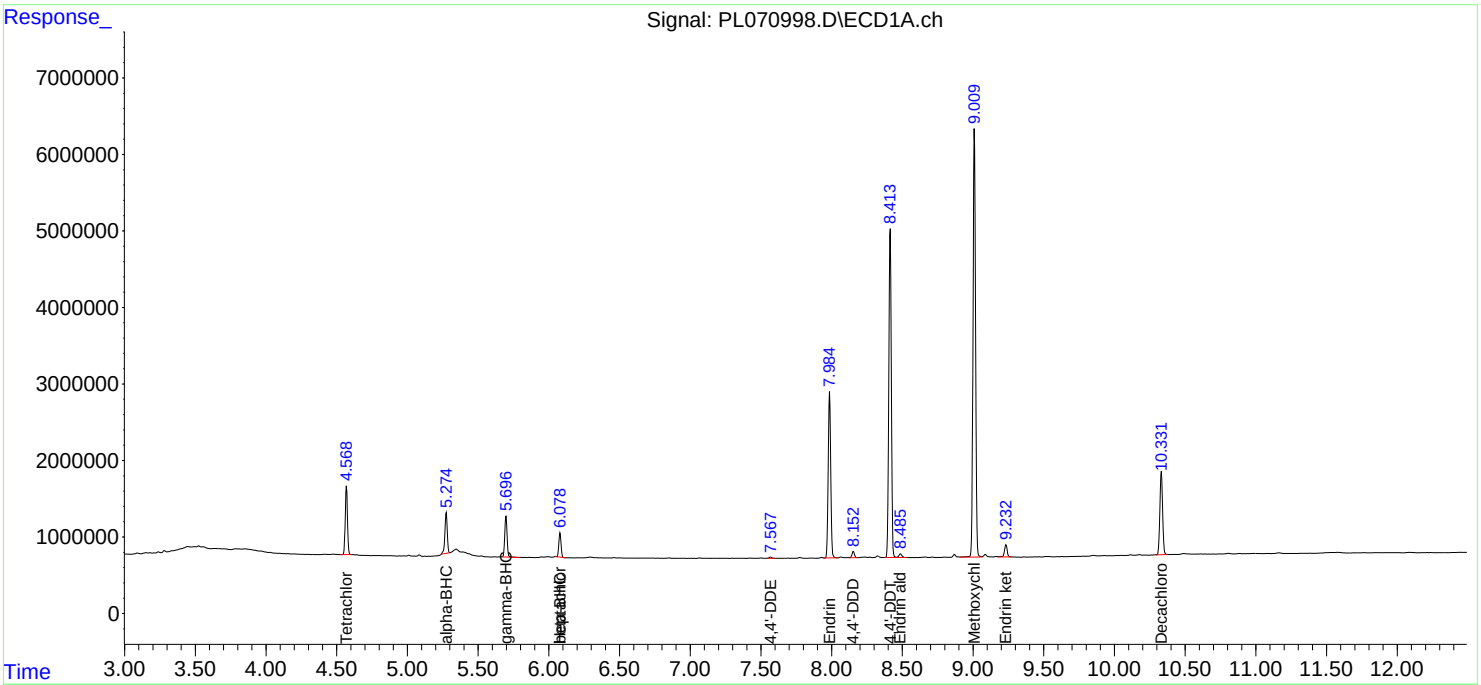
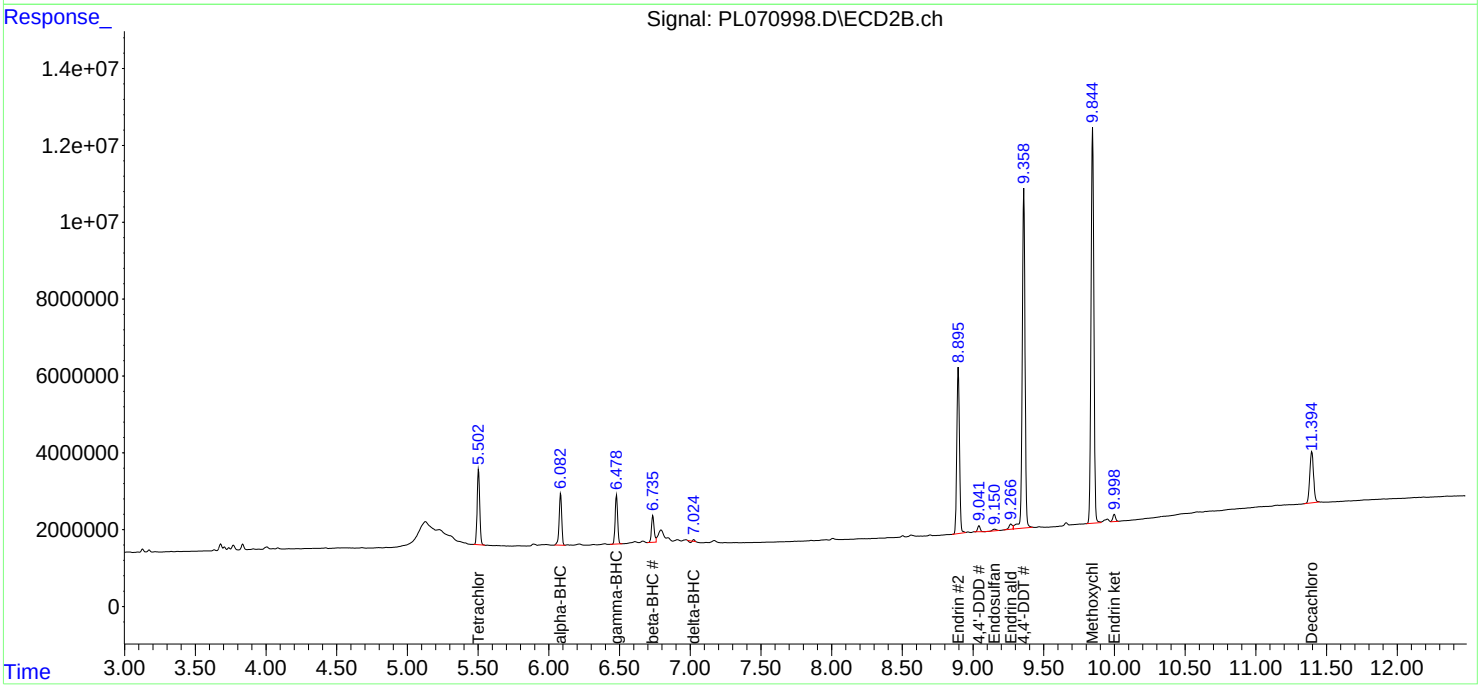
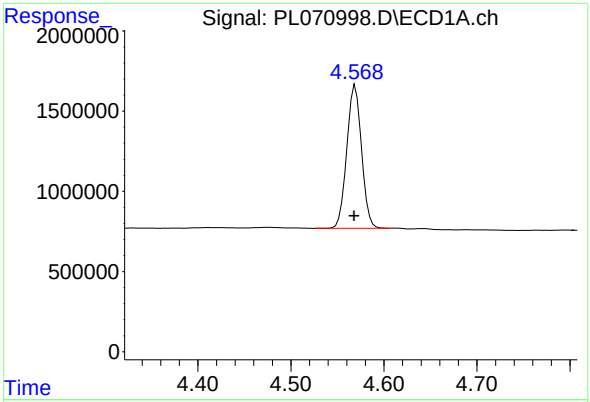


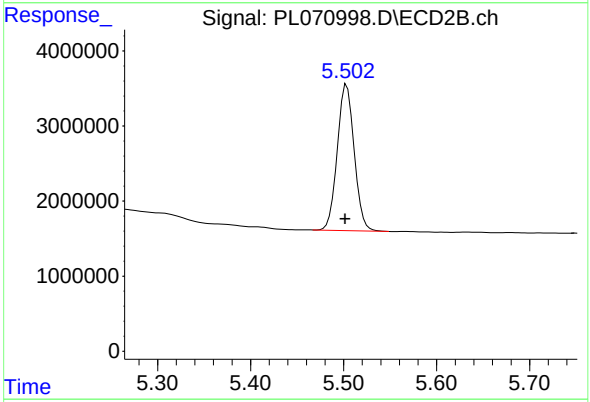




#1 Tetrachloro-m-xylene

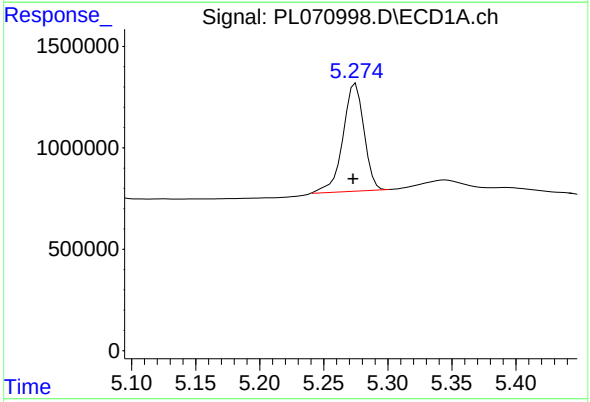
R.T.: 4.569 min
Delta R.T.: 0.001 min
Response: 9825562
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



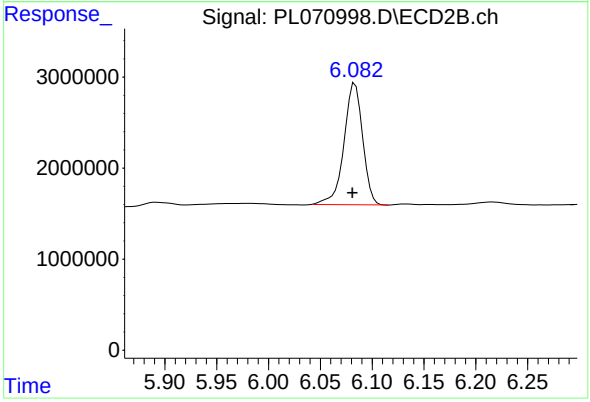
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 24607276
Conc: 19.52 ng/ml



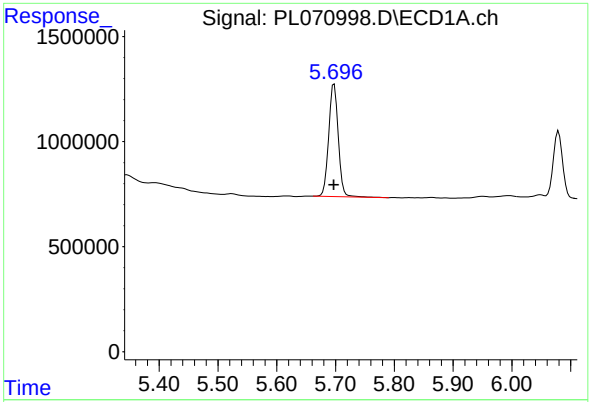
#2 alpha-BHC

R.T.: 5.275 min
Delta R.T.: 0.002 min
Response: 6076873
Conc: 9.08 ng/ml



#2 alpha-BHC

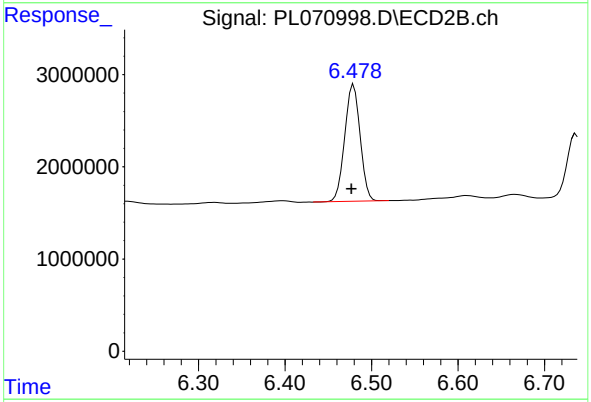
R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 16733594
Conc: 9.09 ng/ml



#3 gamma-BHC (Lindane)

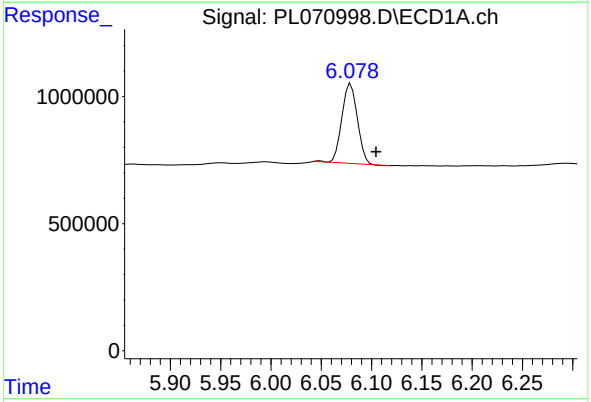
R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 6068732
Conc: 9.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



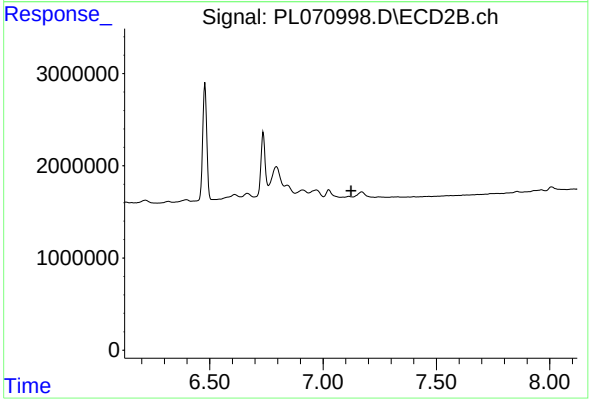
#3 gamma-BHC (Lindane)

R.T.: 6.479 min
Delta R.T.: 0.003 min
Response: 15639358
Conc: 9.02 ng/ml



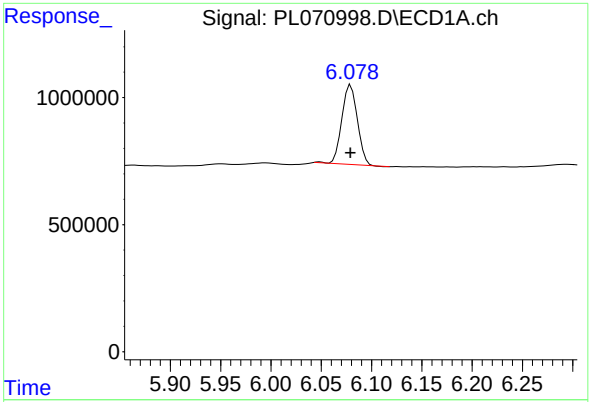
#4 Heptachlor

R.T.: 6.079 min
Delta R.T.: -0.025 min
Response: 3372082
Conc: 4.70 ng/ml



#4 Heptachlor

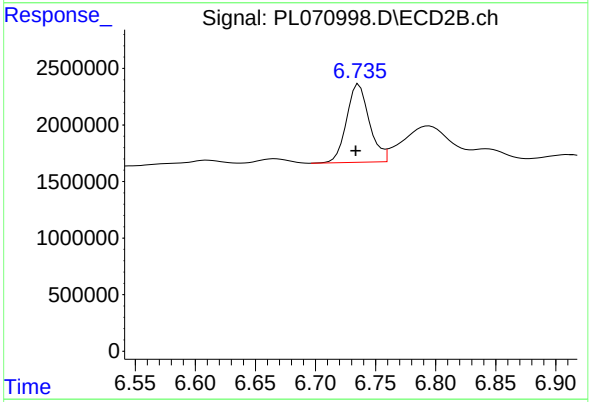
R.T.: 0.000 min
Exp R.T. : 7.124 min
Response: 0
Conc: N.D.



#6 beta-BHC

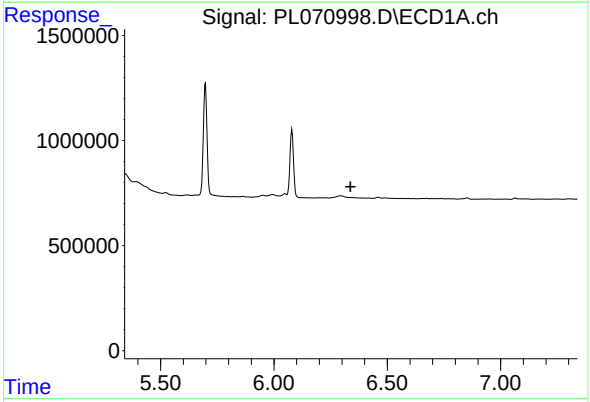
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 3372082
Conc: 10.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



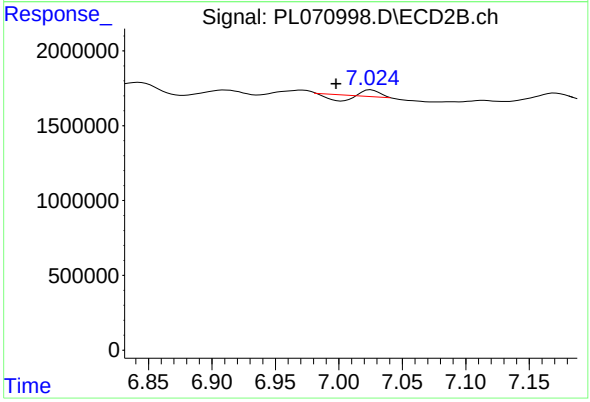
#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 9089723
Conc: 10.61 ng/ml



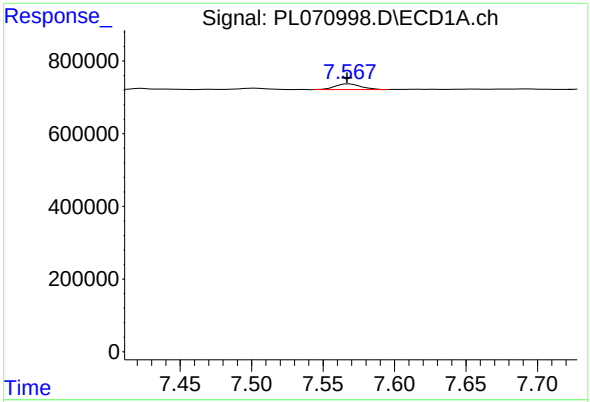
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 6.338 min
Response: 0
Conc: N.D.



#7 delta-BHC

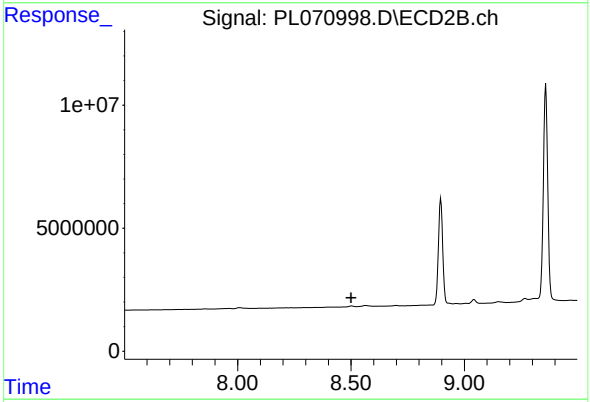
R.T.: 7.025 min
Delta R.T.: 0.028 min
Response: 8213
Conc: 0.00 ng/ml



#12 4,4'-DDE

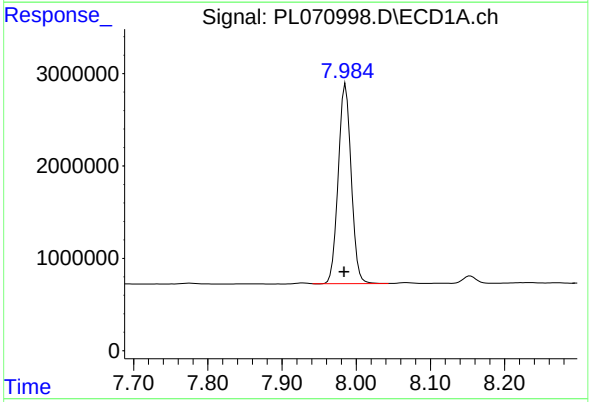
R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 198283
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



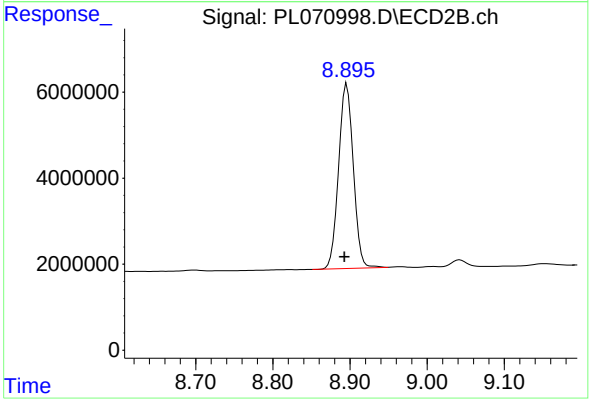
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 8.500 min
Response: 0
Conc: N.D.



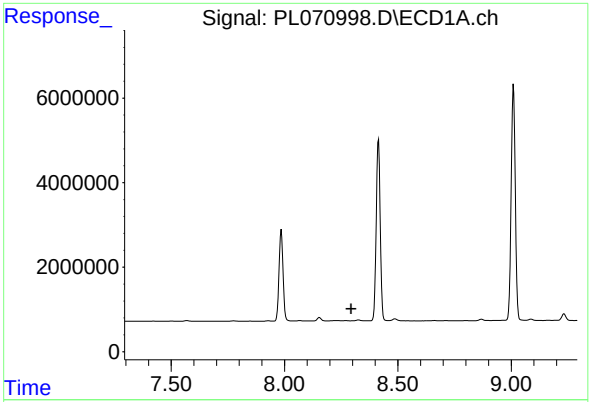
#14 Endrin

R.T.: 7.986 min
Delta R.T.: 0.002 min
Response: 26237441
Conc: 46.28 ng/ml



#14 Endrin

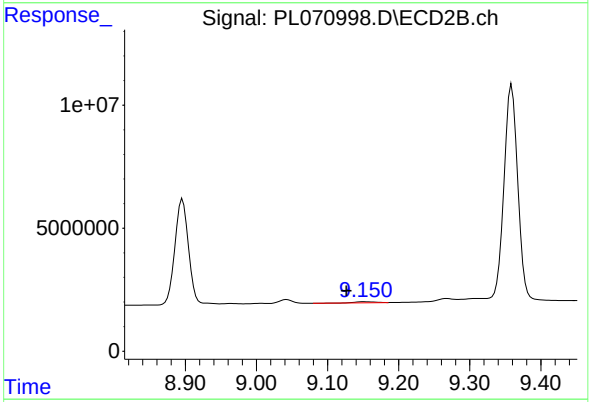
R.T.: 8.896 min
Delta R.T.: 0.003 min
Response: 56751046
Conc: 49.00 ng/ml



#15 Endosulfan II

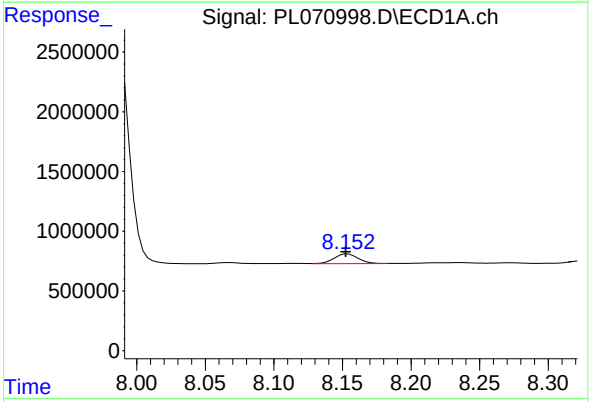
R.T.: 0.000 min
Exp R.T. : 8.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



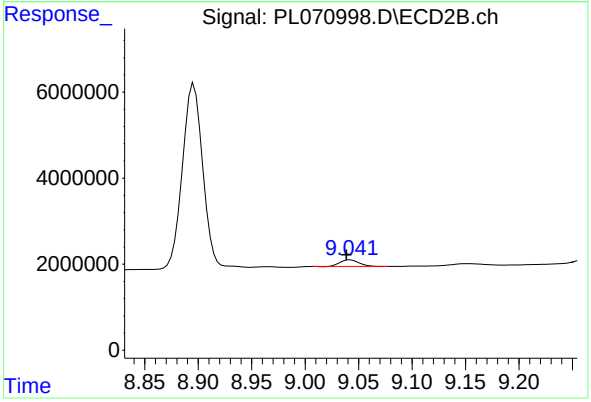
#15 Endosulfan II

R.T.: 9.152 min
Delta R.T.: 0.025 min
Response: 774296
Conc: 0.63 ng/ml



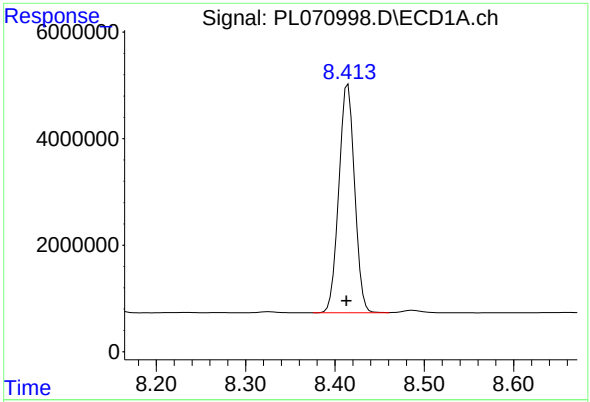
#16 4,4'-DDD

R.T.: 8.154 min
Delta R.T.: 0.001 min
Response: 985456
Conc: 1.94 ng/ml



#16 4,4'-DDD

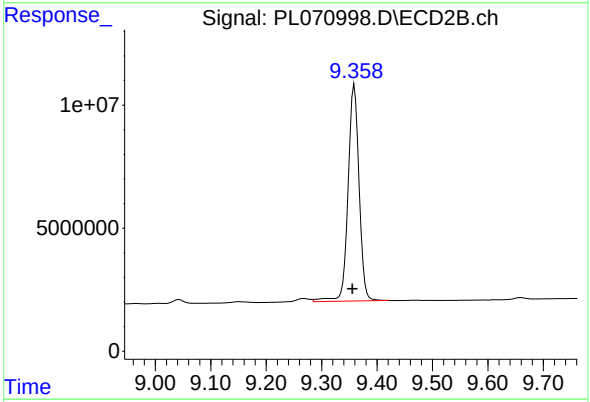
R.T.: 9.042 min
Delta R.T.: 0.004 min
Response: 1889340
Conc: 1.57 ng/ml



#17 4,4'-DDT

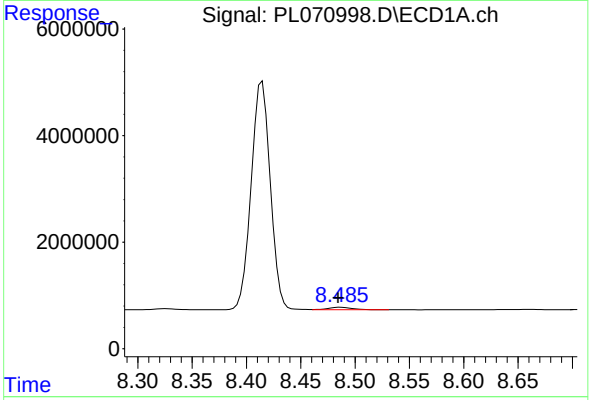
R.T.: 8.415 min
Delta R.T.: 0.002 min
Response: 52546129
Conc: 95.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



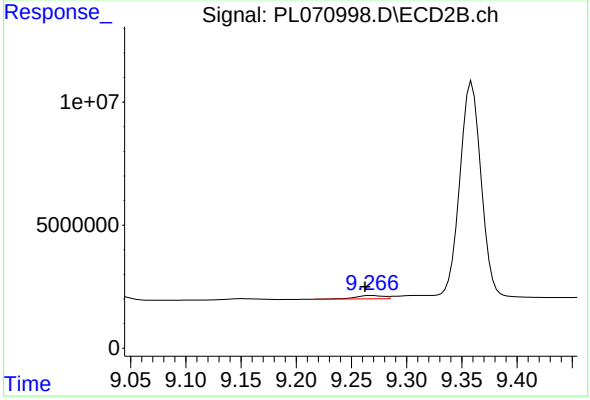
#17 4,4'-DDT

R.T.: 9.359 min
Delta R.T.: 0.003 min
Response: 121895128
Conc: 96.62 ng/ml



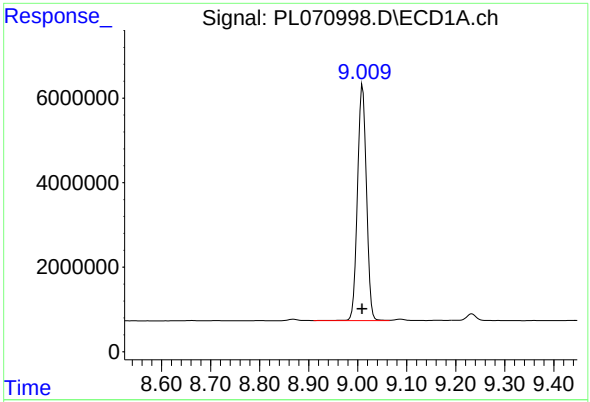
#18 Endrin aldehyde

R.T.: 8.487 min
Delta R.T.: 0.003 min
Response: 695090
Conc: 1.53 ng/ml



#18 Endrin aldehyde

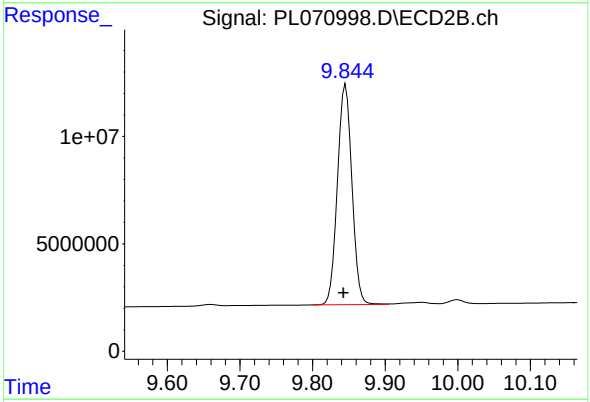
R.T.: 9.268 min
Delta R.T.: 0.005 min
Response: 2320386
Conc: 2.40 ng/ml



#20 Methoxychlor

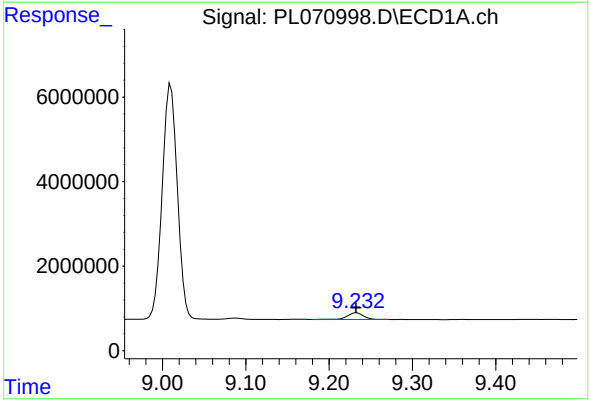
R.T.: 9.010 min
Delta R.T.: 0.001 min
Response: 70810679
Conc: 193.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



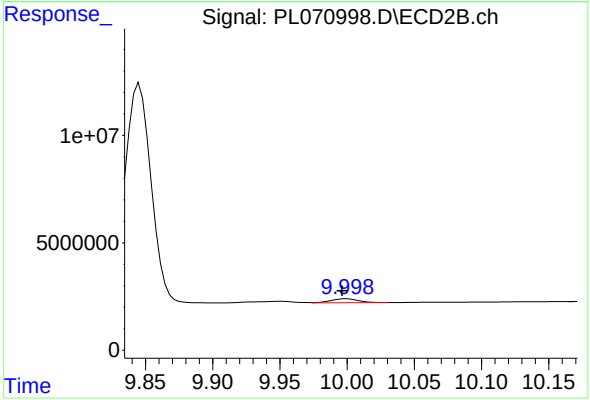
#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.003 min
Response: 142285650
Conc: 210.23 ng/ml



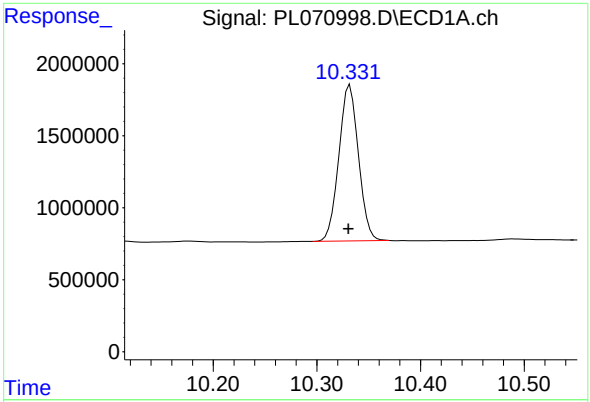
#21 Endrin ketone

R.T.: 9.233 min
Delta R.T.: 0.000 min
Response: 2128954
Conc: 2.98 ng/ml



#21 Endrin ketone

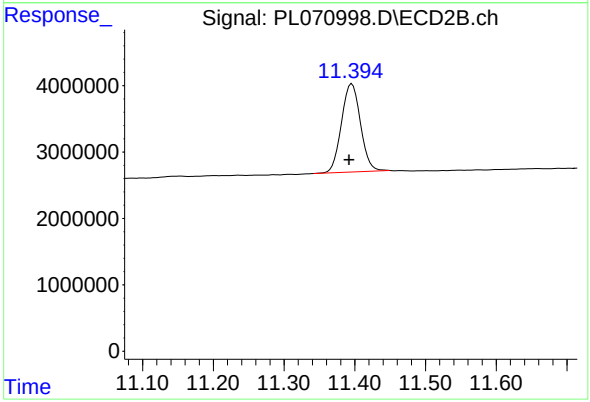
R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 2575732
Conc: 1.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.332 min
Delta R.T.: 0.002 min
Response: 14213770
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.396 min
Delta R.T.: 0.004 min
Response: 24908201
Conc: 18.62 ng/ml