

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111221\
 Data File : PL070944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2021 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/15/2021
 Supervised By : mohammad ahmed 11/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:42:07 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...	4.565	5.503	9377730	26563324	19.146	21.068
28)	SA Decachlor...	10.328	11.391	13968791	28831935	20.443	21.559
Target Compounds							
2)	A alpha-BHC	5.272	6.082	7901538	18270502	11.804	9.925
3)	MA gamma-BHC...	5.693	6.477	6386028	17170066	9.520	9.902
6)	B beta-BHC	6.074	6.735	3512263	12731533	10.812m	14.859 #
12)	B 4,4'-DDE	7.563	8.502	137458	203654	0.236m	0.138m#
14)	MA Endrin	7.982	8.894	27471965	69025906	48.454	59.592
16)	A 4,4'-DDD	8.148	9.040	166872	291904	0.328m	0.243m#
17)	MA 4,4'-DDT	8.411	9.357	54605987	136.7E6	99.288	108.371
18)	B Endrin al...	8.490	9.263	156948	98022	0.345m	0.101m#
20)	A Methoxychlor	9.006	9.843	79098637	176.6E6	216.211	260.996
21)	B Endrin ke...	9.227	9.996	494665	606916	0.692m	0.423 #

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

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Acq On : 12 Nov 2021 11:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

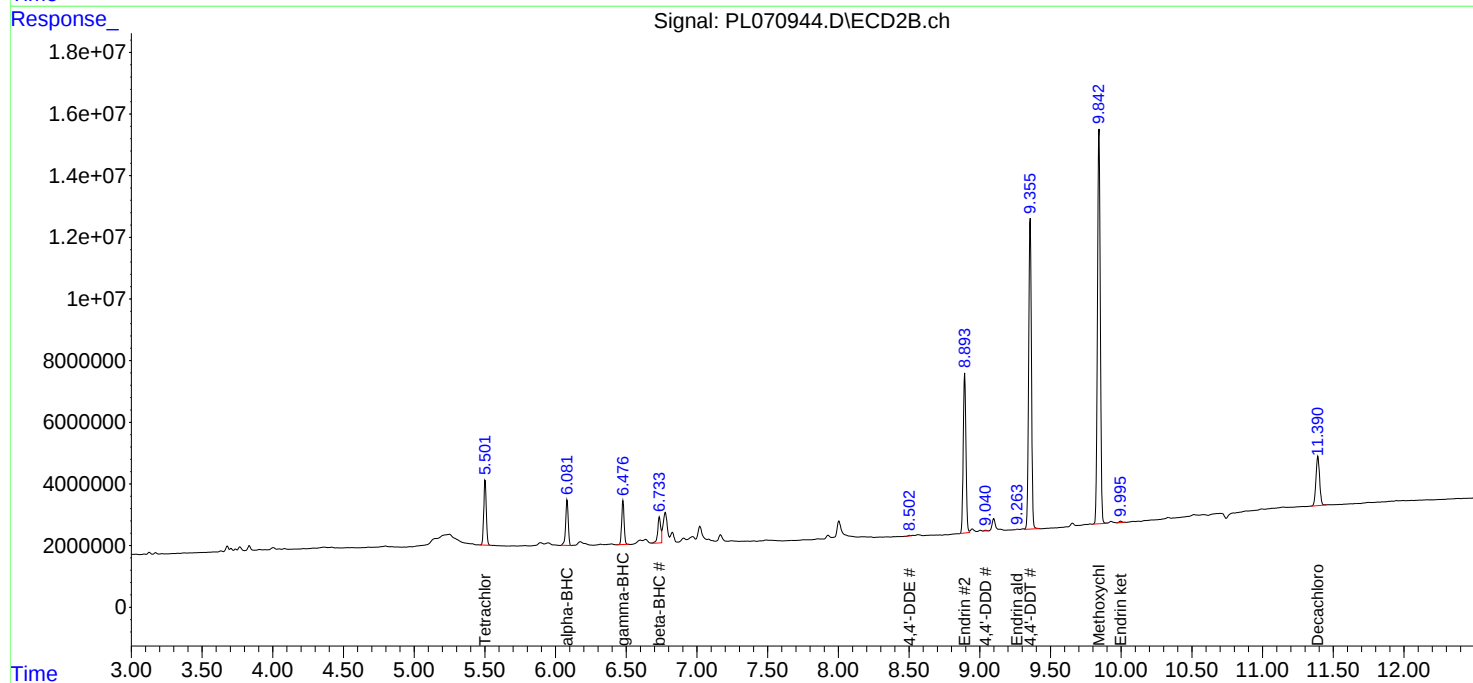
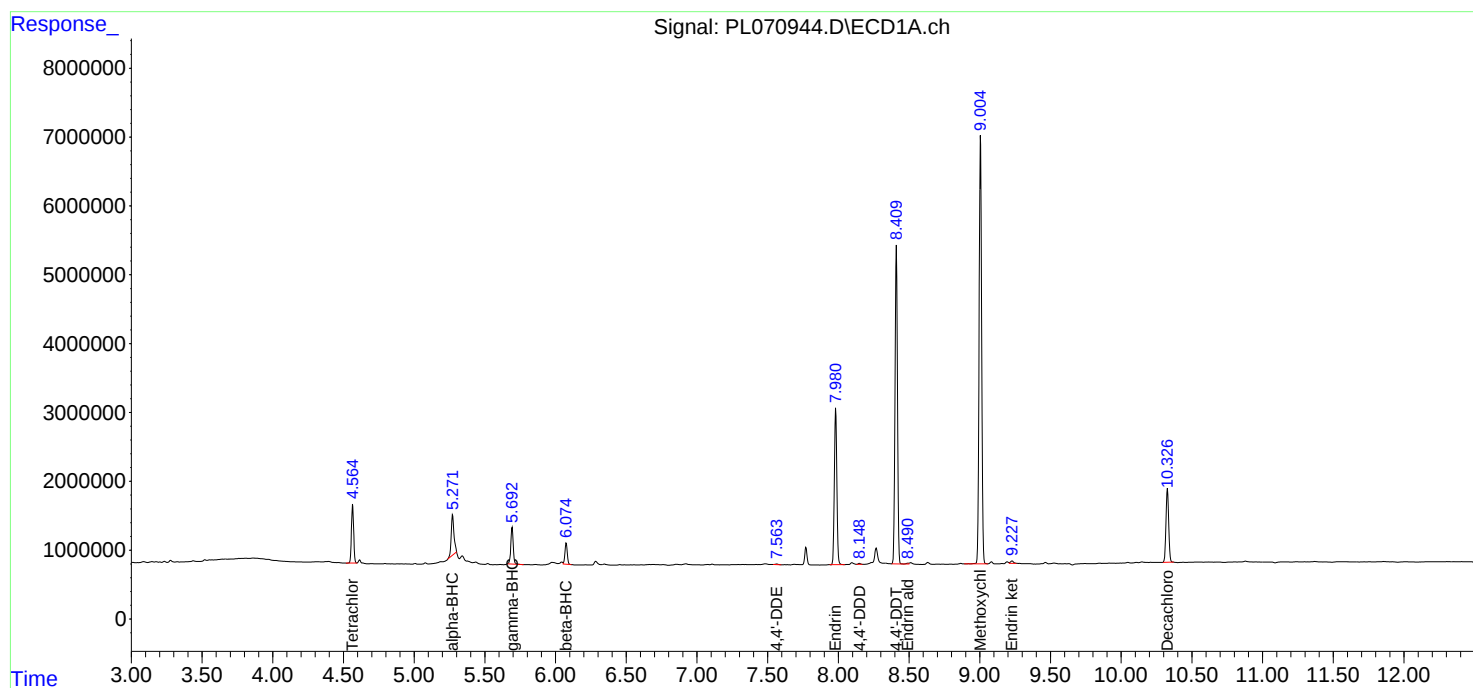
Instrument :
ECD_L
ClientSampleId :
PEM

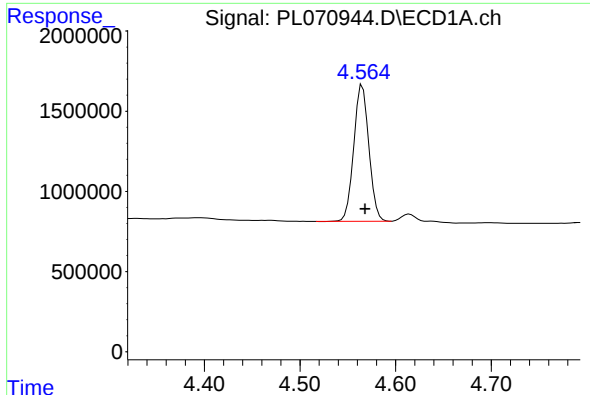
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Integration File signal 1: autoint1.e
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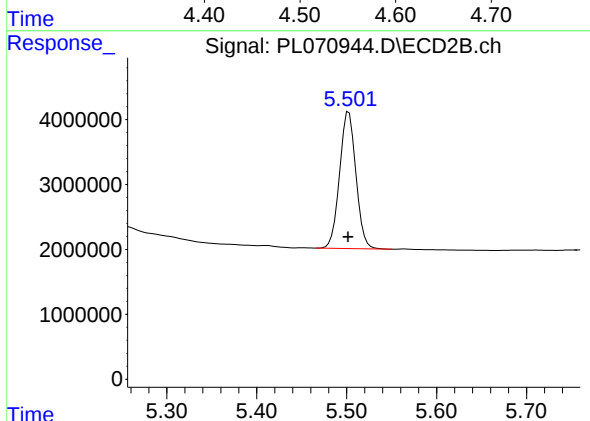
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 9377730
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

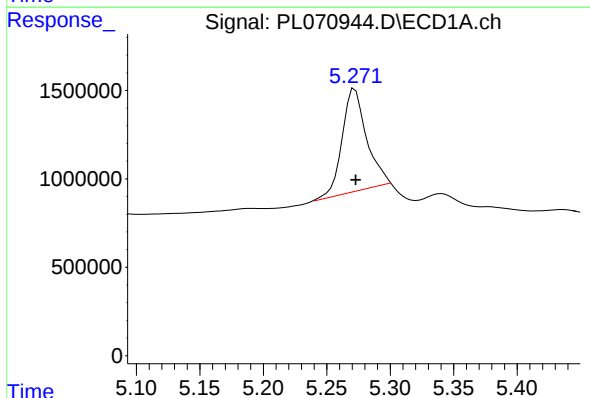
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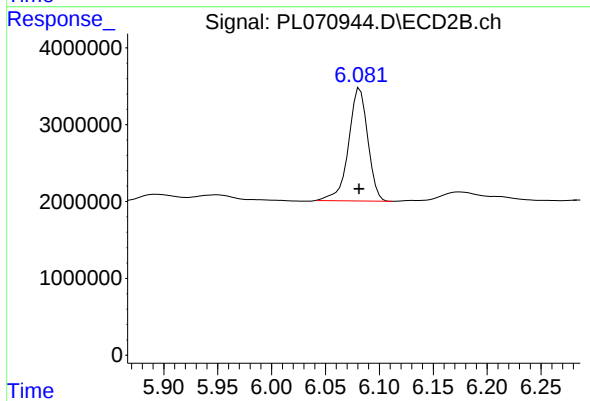
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.001 min
Response: 26563324
Conc: 21.07 ng/ml



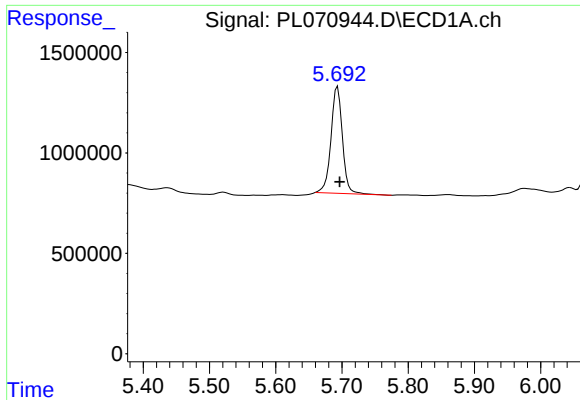
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 7901538
Conc: 11.80 ng/ml



#2 alpha-BHC

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 18270502
Conc: 9.93 ng/ml



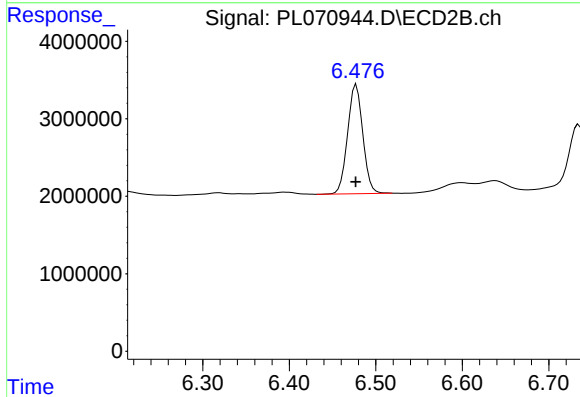
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 6386028
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

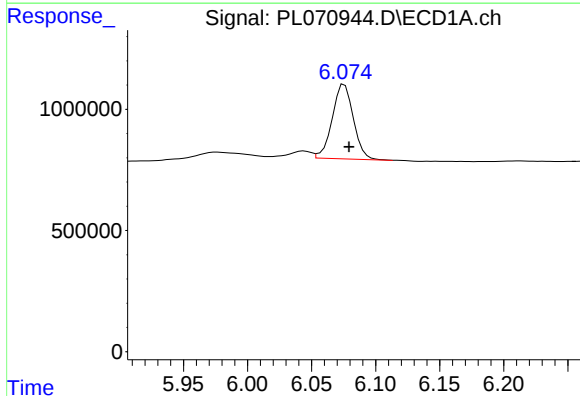
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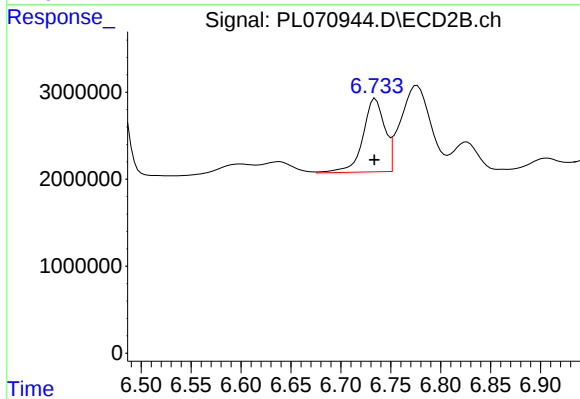
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 17170066
Conc: 9.90 ng/ml



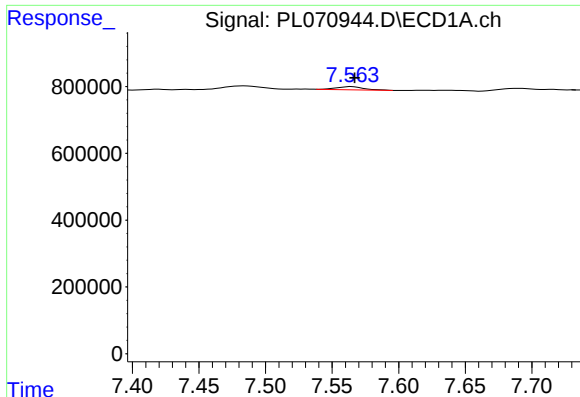
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.005 min
Response: 3512263
Conc: 10.81 ng/ml m



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.001 min
Response: 12731533
Conc: 14.86 ng/ml



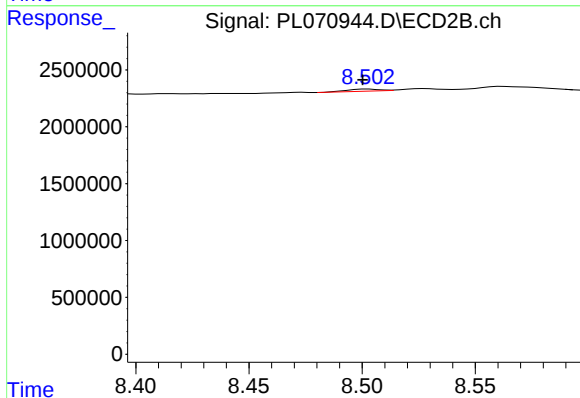
#12 4,4'-DDE

R.T.: 7.563 min
Delta R.T.: -0.004 min
Response: 137458
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

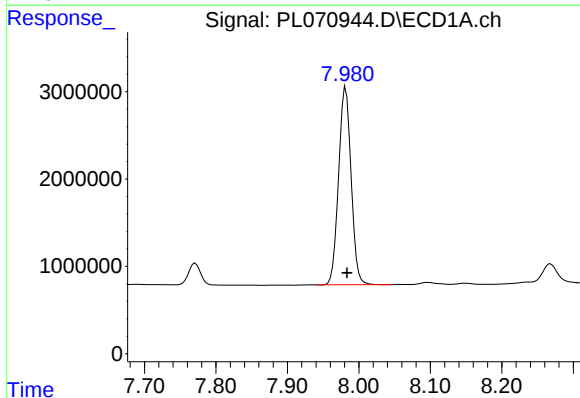
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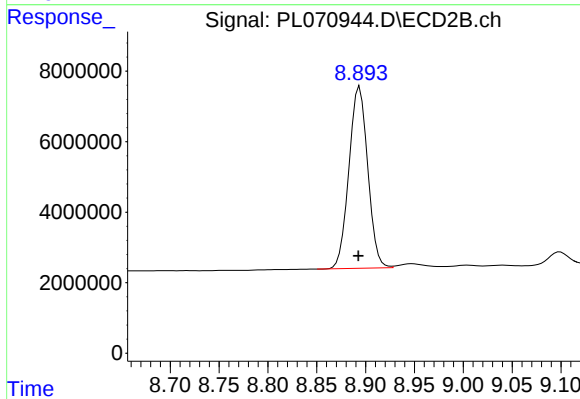
#12 4,4'-DDE

R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 203654
Conc: 0.14 ng/ml m



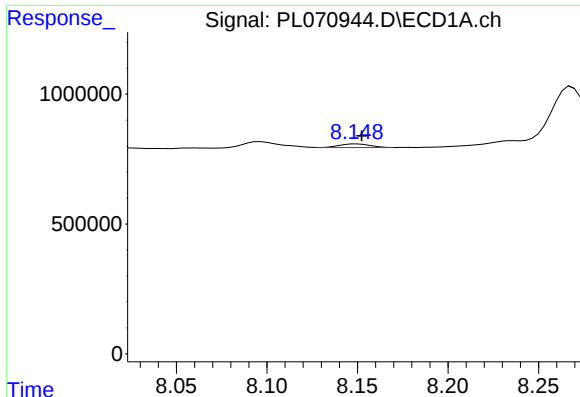
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 27471965
Conc: 48.45 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.001 min
Response: 69025906
Conc: 59.59 ng/ml



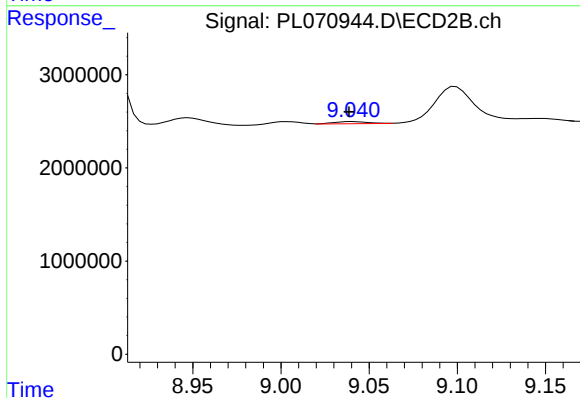
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 166872
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

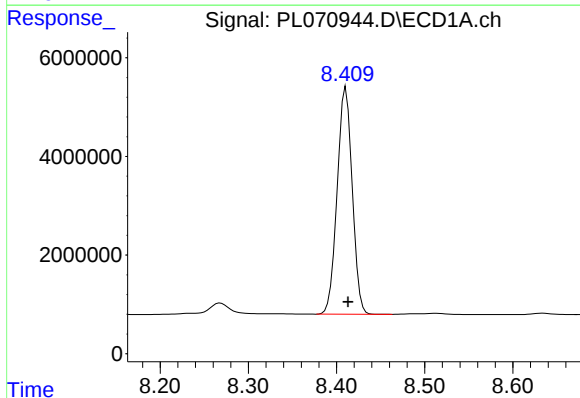
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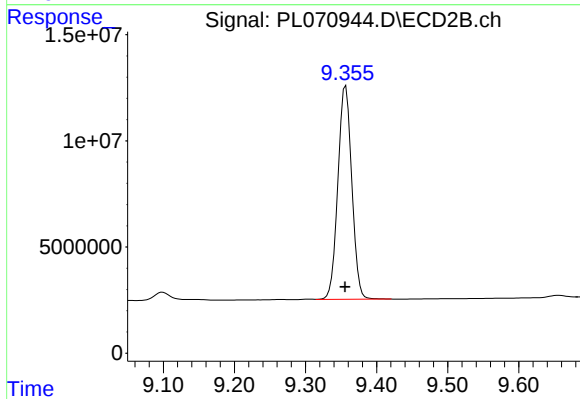
#16 4,4'-DDD

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 291904
Conc: 0.24 ng/ml m



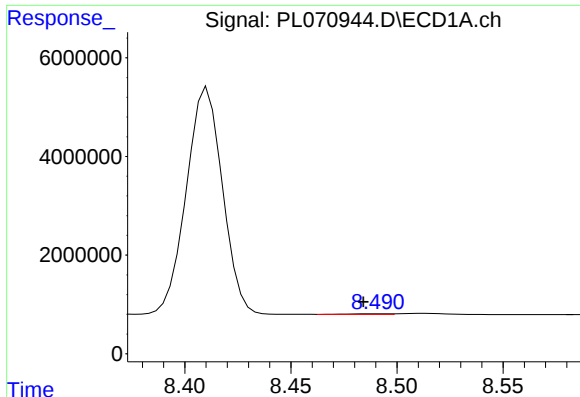
#17 4,4'-DDT

R.T.: 8.411 min
Delta R.T.: -0.002 min
Response: 54605987
Conc: 99.29 ng/ml



#17 4,4'-DDT

R.T.: 9.357 min
Delta R.T.: 0.000 min
Response: 136717471
Conc: 108.37 ng/ml



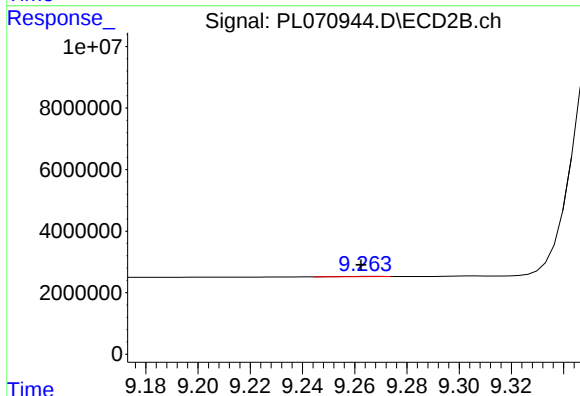
#18 Endrin aldehyde

R.T.: 8.490 min
Delta R.T.: 0.005 min
Response: 156948
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

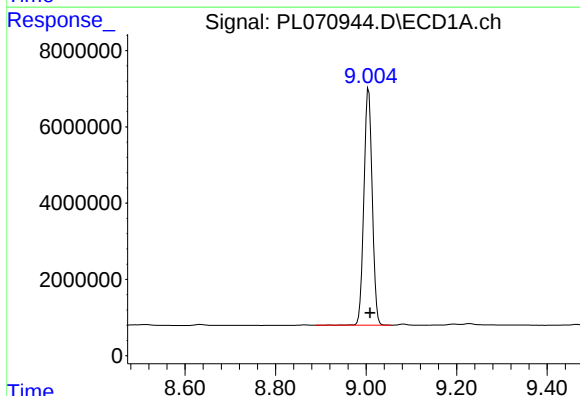
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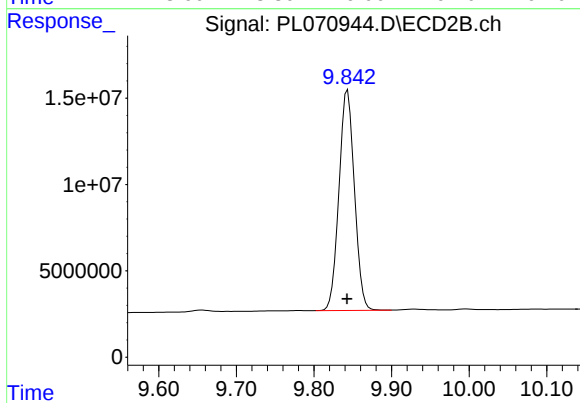
#18 Endrin aldehyde

R.T.: 9.263 min
Delta R.T.: 0.000 min
Response: 98022
Conc: 0.10 ng/ml m



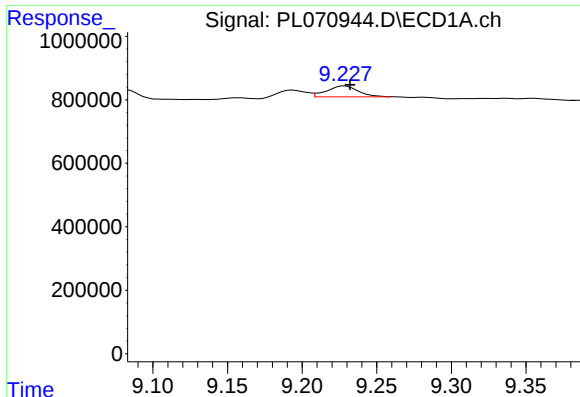
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: -0.003 min
Response: 79098637
Conc: 216.21 ng/ml



#20 Methoxychlor

R.T.: 9.843 min
Delta R.T.: 0.000 min
Response: 176643010
Conc: 261.00 ng/ml



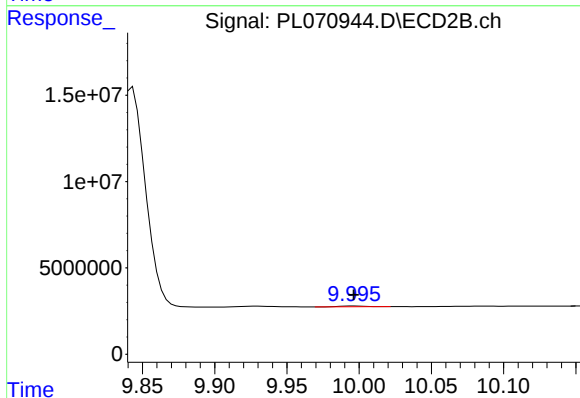
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: -0.005 min
Response: 494665
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

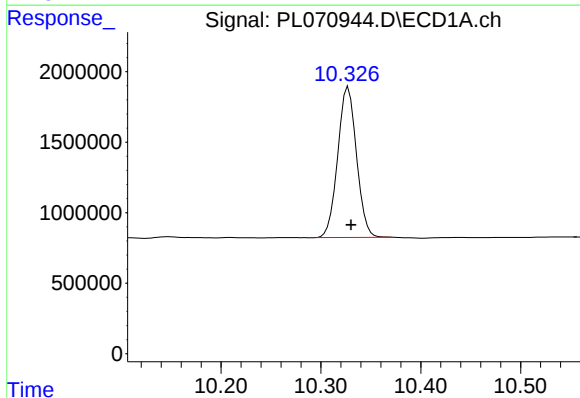
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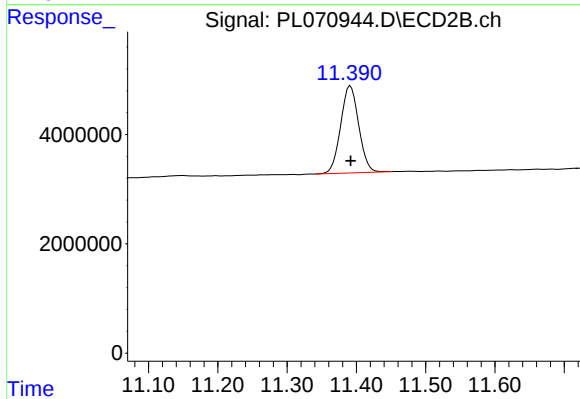
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 606916
Conc: 0.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 13968791
Conc: 20.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: 0.000 min
Response: 28831935
Conc: 21.56 ng/ml