

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110221\
 Data File : PL070720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2021 12:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/03/2021
 Supervised By : mohammad ahmed 11/03/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 22:42:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102921.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 29 09:09:01 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...	4.584	5.521	9467819	25625830	20.997	18.422
28)	SA Decachlor...	10.348	11.422	13499651	26323241	22.613	18.414
Target Compounds							
2)	A alpha-BHC	5.289	6.102	6472248	17386611	10.090m	8.203
3)	MA gamma-BHC...	5.714	6.498	5842752	16279618	9.380	8.186
6)	B beta-BHC	6.095	6.754	3457868	7951256	10.924	7.996 #
12)	B 4,4'-DDE	7.583	8.521	93459	251556	0.179m	0.139m
14)	MA Endrin	8.002	8.916	27480994	64770333	51.172	42.769
17)	MA 4,4'-DDT	8.430	9.379	55628754	132.6E6	107.201	82.034
20)	A Methoxychlor	9.025	9.865	79681082	169.3E6	239.830	202.213
21)	B Endrin ke...	9.249	10.021	306180	571405	0.483m	0.350 #

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

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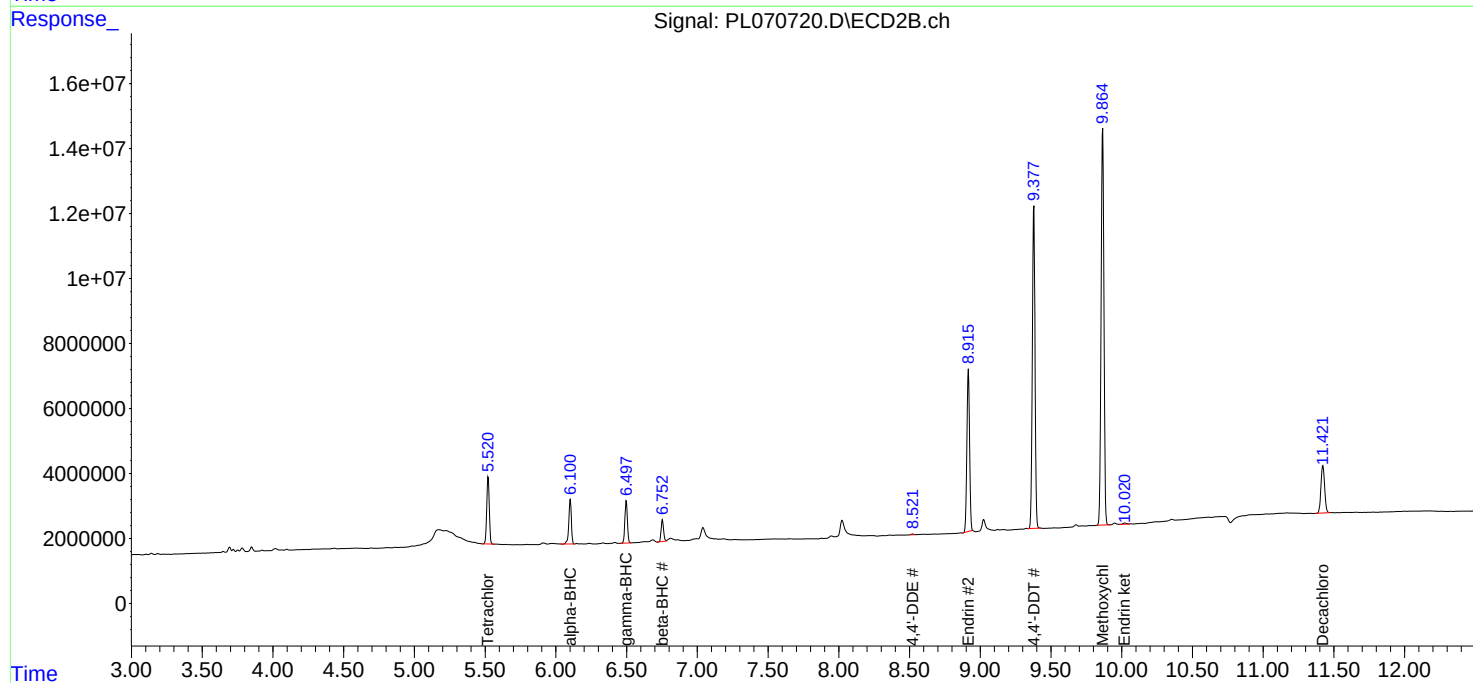
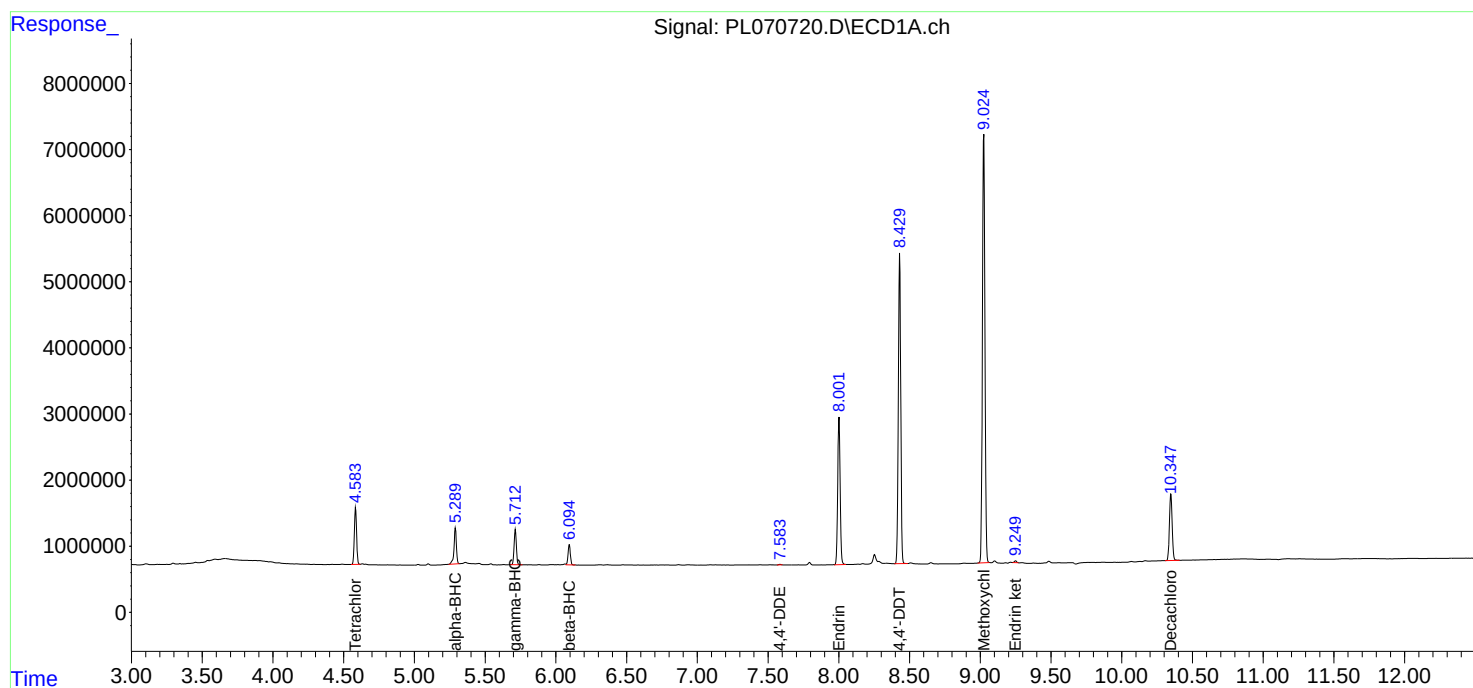
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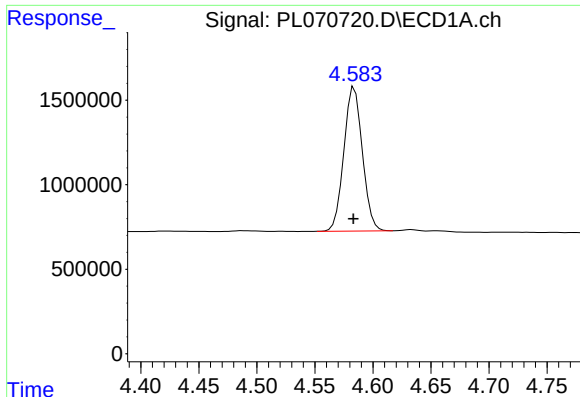
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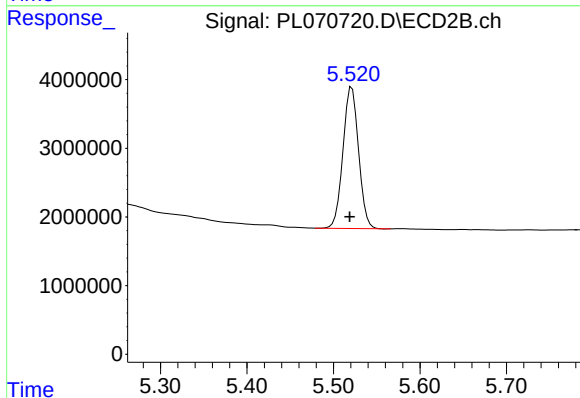
#1 Tetrachloro-m-xylene

R.T.: 4.584 min
Delta R.T.: 0.001 min
Response: 9467819
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

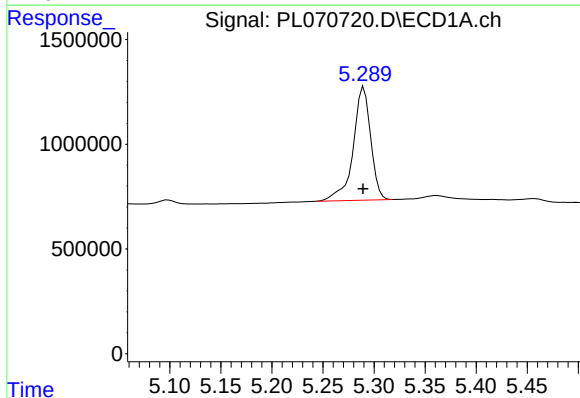
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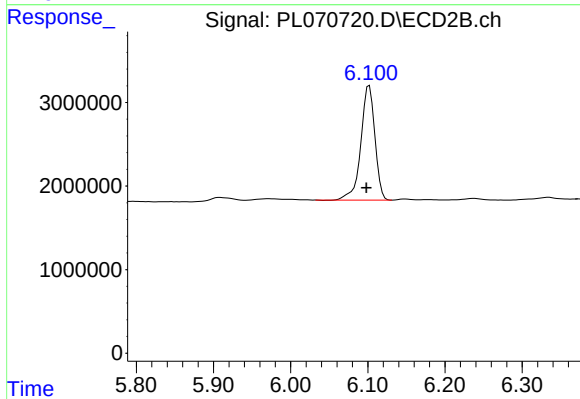
#1 Tetrachloro-m-xylene

R.T.: 5.521 min
Delta R.T.: 0.002 min
Response: 25625830
Conc: 18.42 ng/ml



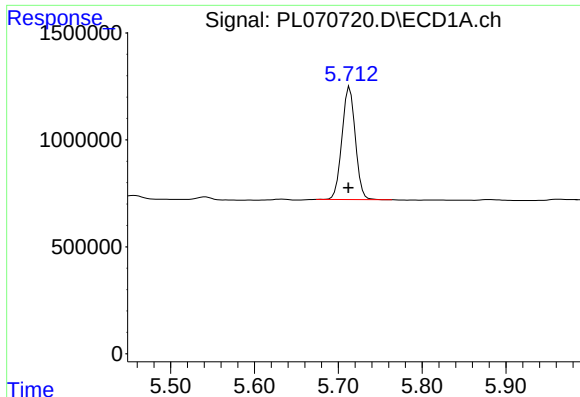
#2 alpha-BHC

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 6472248
Conc: 10.09 ng/ml m



#2 alpha-BHC

R.T.: 6.102 min
Delta R.T.: 0.004 min
Response: 17386611
Conc: 8.20 ng/ml



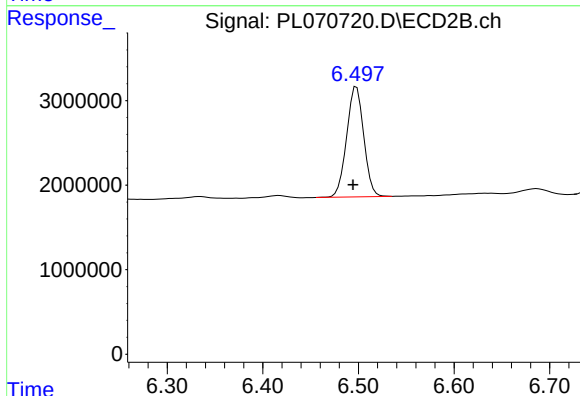
#3 gamma-BHC (Lindane)

R.T.: 5.714 min
Delta R.T.: 0.001 min
Response: 5842752
Conc: 9.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

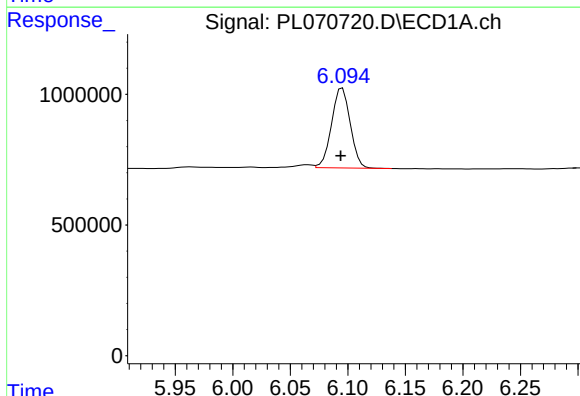
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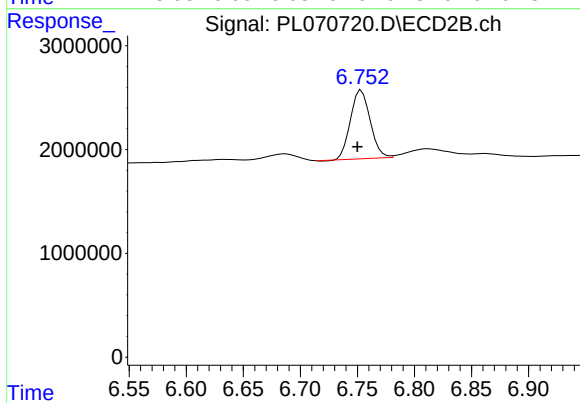
#3 gamma-BHC (Lindane)

R.T.: 6.498 min
Delta R.T.: 0.004 min
Response: 16279618
Conc: 8.19 ng/ml



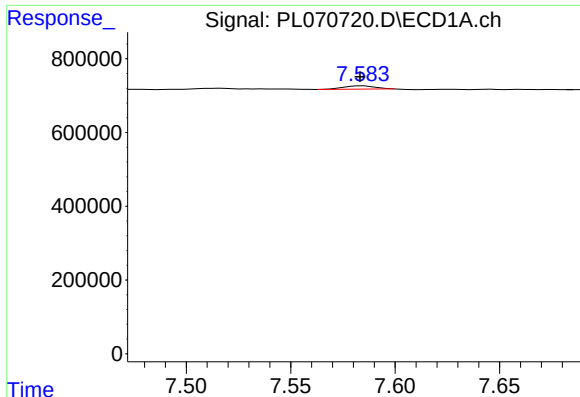
#6 beta-BHC

R.T.: 6.095 min
Delta R.T.: 0.001 min
Response: 3457868
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 6.754 min
Delta R.T.: 0.004 min
Response: 7951256
Conc: 8.00 ng/ml



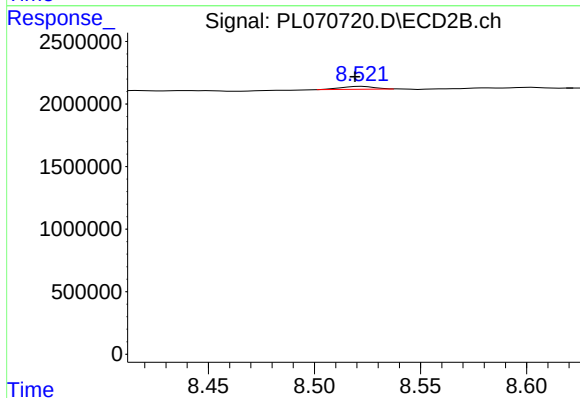
#12 4,4'-DDE

R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 93459
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

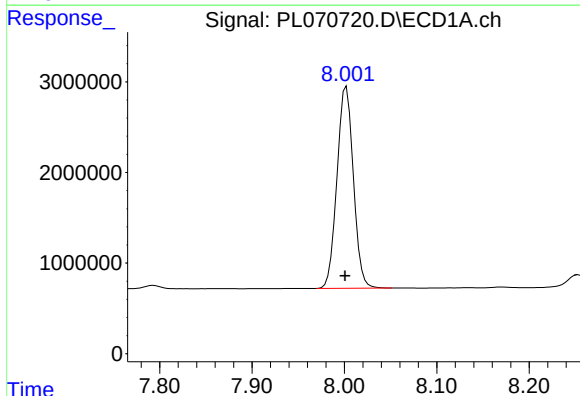
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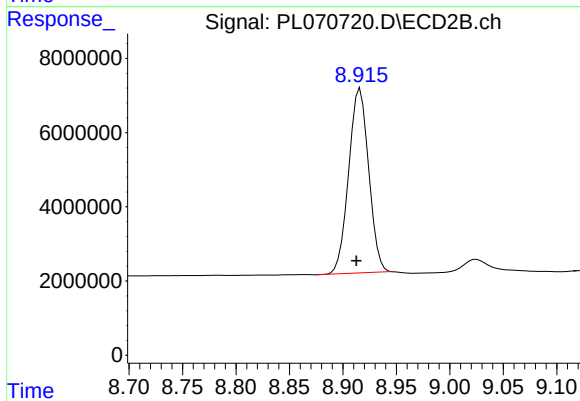
#12 4,4'-DDE

R.T.: 8.521 min
Delta R.T.: 0.002 min
Response: 251556
Conc: 0.14 ng/ml m



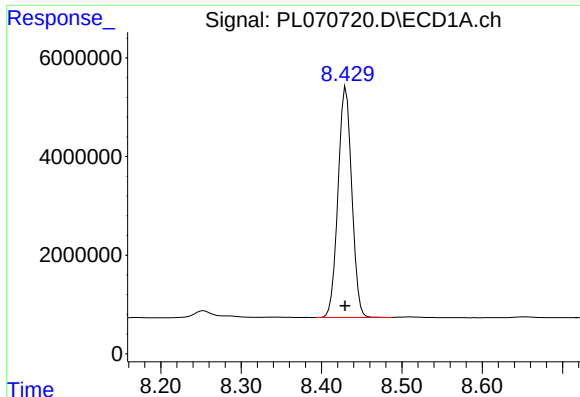
#14 Endrin

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 27480994
Conc: 51.17 ng/ml



#14 Endrin

R.T.: 8.916 min
Delta R.T.: 0.003 min
Response: 64770333
Conc: 42.77 ng/ml



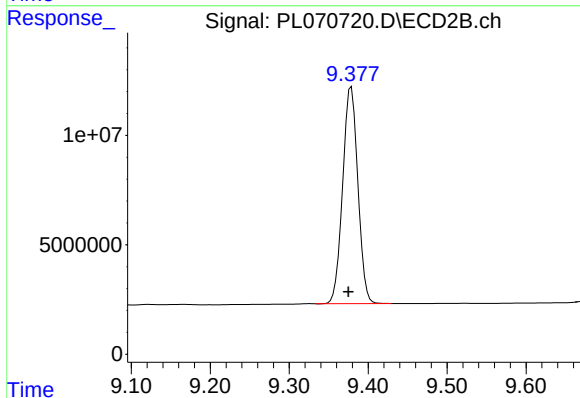
#17 4,4'-DDT

R.T.: 8.430 min
Delta R.T.: 0.001 min
Response: 55628754
Conc: 107.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

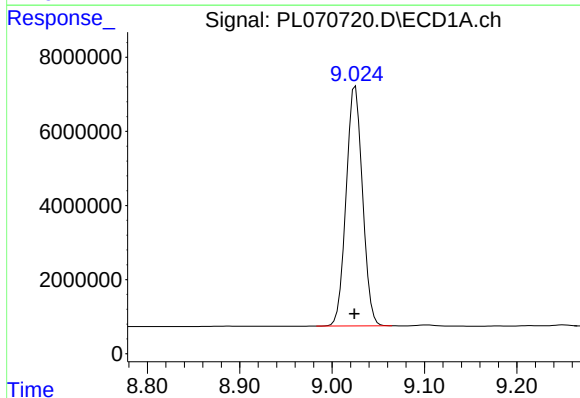
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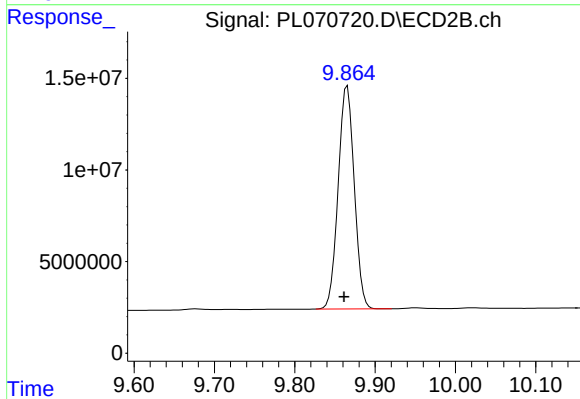
#17 4,4'-DDT

R.T.: 9.379 min
Delta R.T.: 0.004 min
Response: 132609067
Conc: 82.03 ng/ml



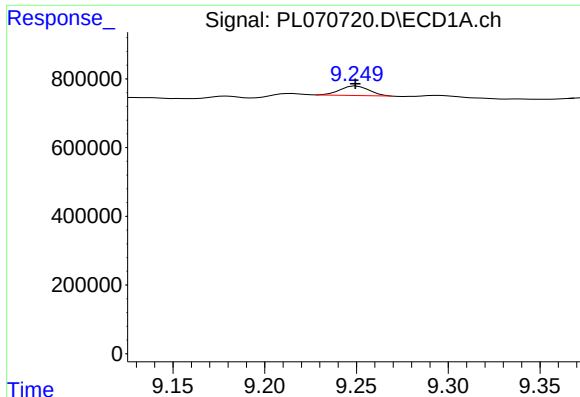
#20 Methoxychlor

R.T.: 9.025 min
Delta R.T.: 0.001 min
Response: 79681082
Conc: 239.83 ng/ml



#20 Methoxychlor

R.T.: 9.865 min
Delta R.T.: 0.004 min
Response: 169284398
Conc: 202.21 ng/ml



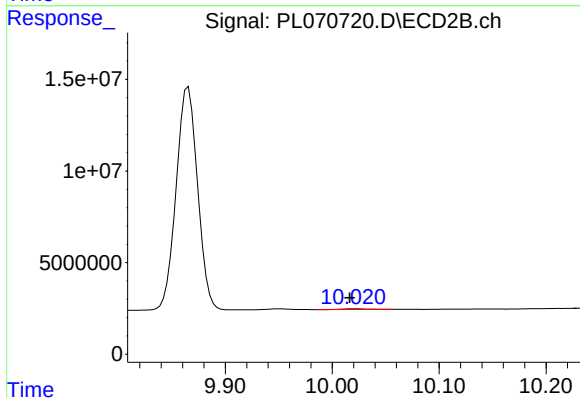
#21 Endrin ketone

R.T.: 9.249 min
Delta R.T.: 0.000 min
Response: 306180
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
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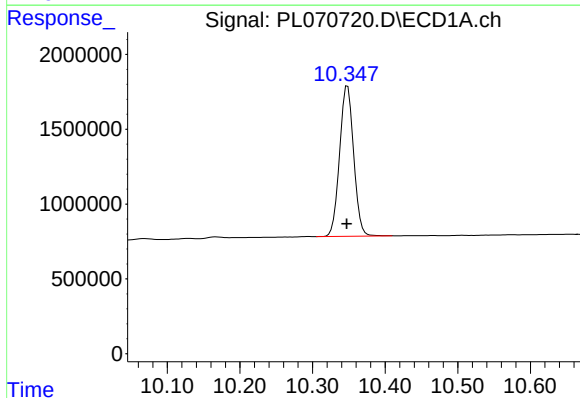
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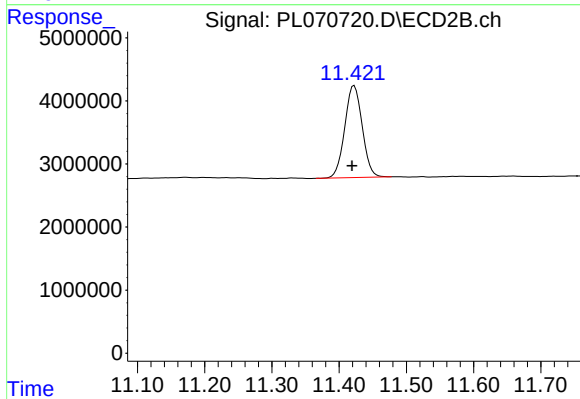
#21 Endrin ketone

R.T.: 10.021 min
Delta R.T.: 0.005 min
Response: 571405
Conc: 0.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.348 min
Delta R.T.: 0.000 min
Response: 13499651
Conc: 22.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.422 min
Delta R.T.: 0.003 min
Response: 26323241
Conc: 18.41 ng/ml