

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081921\
 Data File : PL069223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2021 09:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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mohammad
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 14:50:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 06 03:02:43 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...	4.637	5.571	8197539	25701483	19.818	25.313 #
28)	SA Decachlor...	10.408	11.496	12359640	23827078	21.506	24.558
Target Compounds							
2)	A alpha-BHC	5.343	6.152	5248464	16370051	9.488	12.021 #
3)	MA gamma-BHC...	5.767	6.548	5194767	15596174	9.572	11.987 #
6)	B beta-BHC	6.147	6.801	4645212	8002443	16.478	12.352 #
12)	B 4,4'-DDE	7.638	8.571	56707	168907	0.117m	0.160m#
14)	MA Endrin	8.060	8.970	25209252	58321561	52.310	64.253
16)	A 4,4'-DDD	8.224	9.112	95237	216105	0.222m	0.253m
17)	MA 4,4'-DDT	8.487	9.431	51306351	115.8E6	105.641	122.410
20)	A Methoxychlor	9.081	9.915	74118483	147.9E6	236.769	284.247
21)	B Endrin ke...	9.306	10.074	485391	770233	0.830m	0.756m

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

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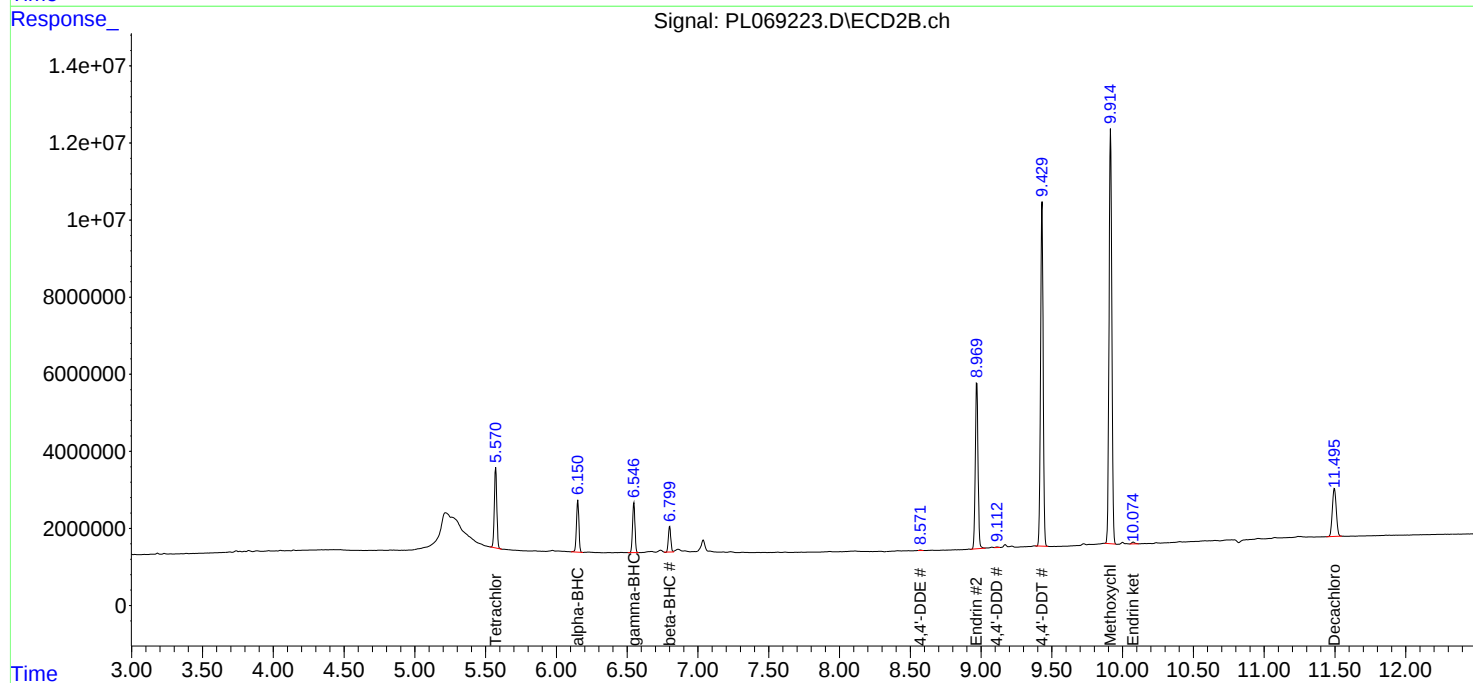
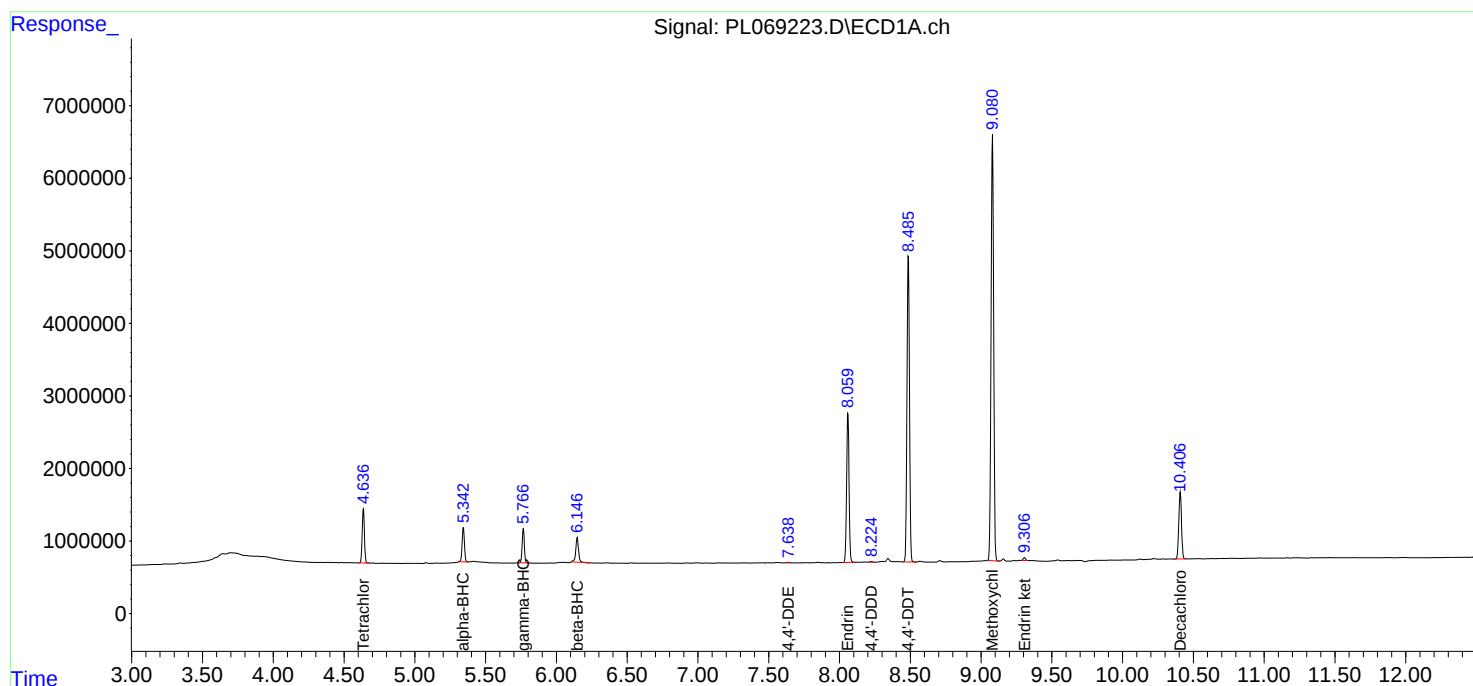
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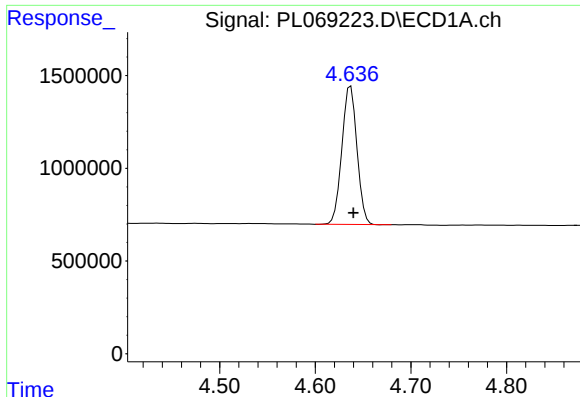
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080521.M
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#1 Tetrachloro-m-xylene

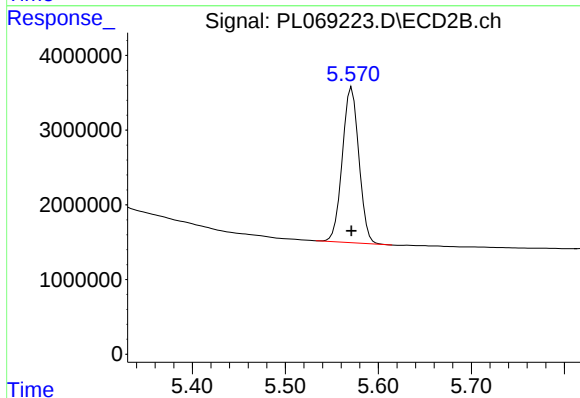
R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 8197539
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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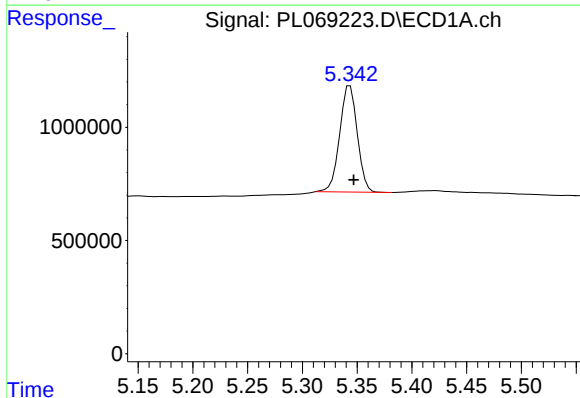
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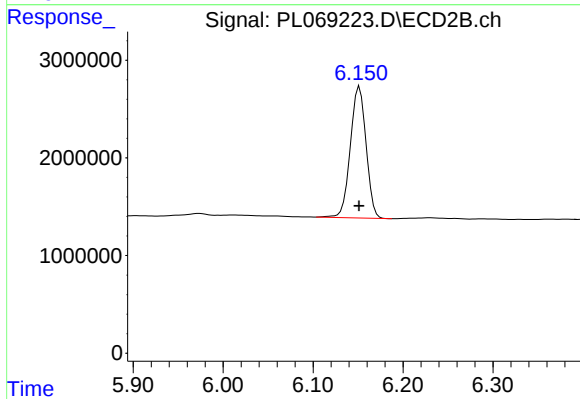
#1 Tetrachloro-m-xylene

R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 25701483
Conc: 25.31 ng/ml



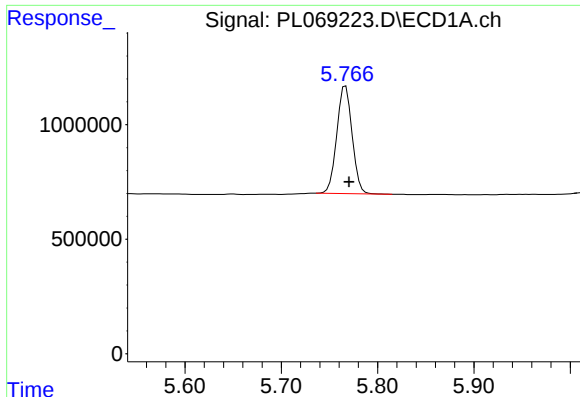
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 5248464
Conc: 9.49 ng/ml



#2 alpha-BHC

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 16370051
Conc: 12.02 ng/ml



#3 gamma-BHC (Lindane)

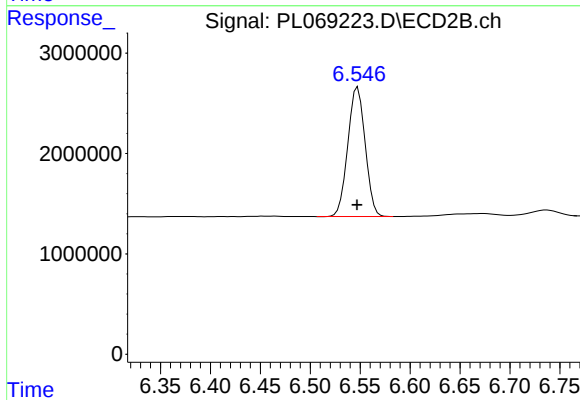
R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 5194767
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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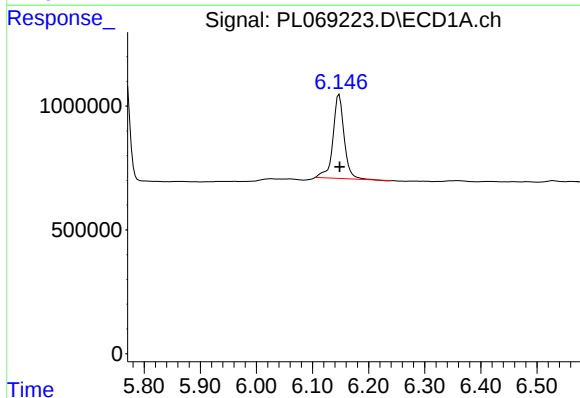
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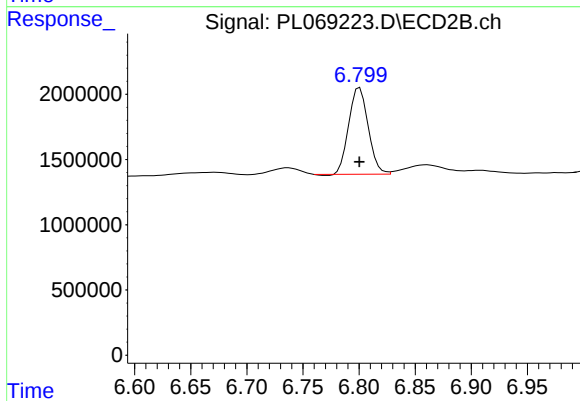
#3 gamma-BHC (Lindane)

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 15596174
Conc: 11.99 ng/ml



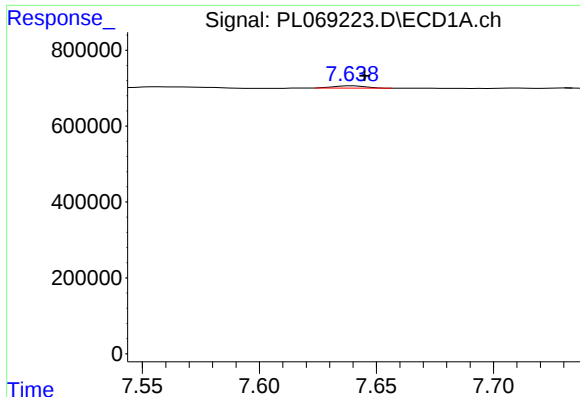
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 4645212
Conc: 16.48 ng/ml



#6 beta-BHC

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 8002443
Conc: 12.35 ng/ml



#12 4,4'-DDE

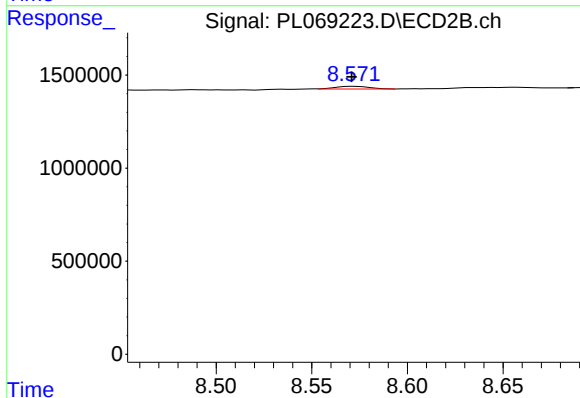
R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 56707
Conc: 0.12 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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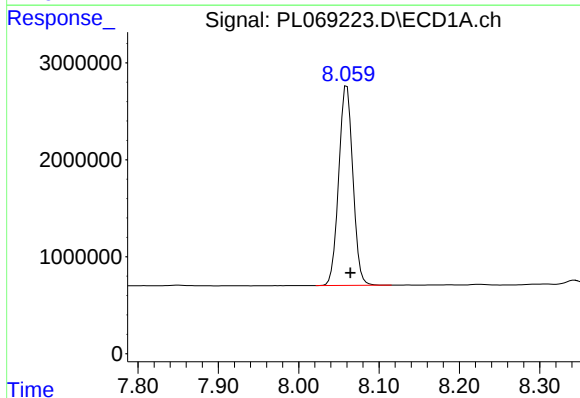
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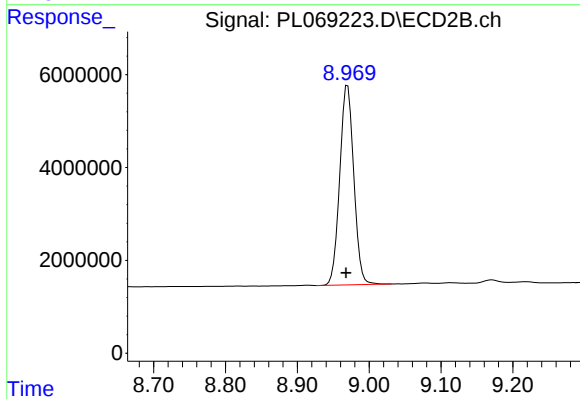
#12 4,4'-DDE

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 168907
Conc: 0.16 ng/ml m



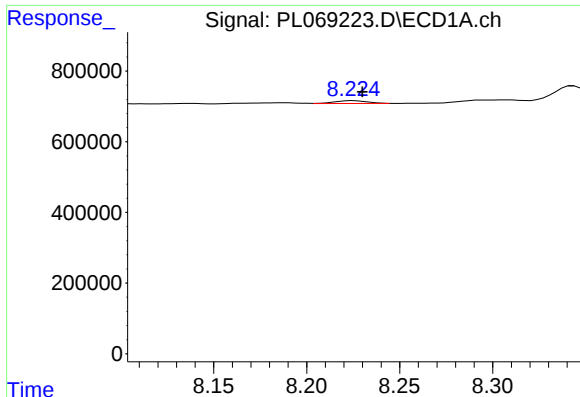
#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 25209252
Conc: 52.31 ng/ml



#14 Endrin

R.T.: 8.970 min
Delta R.T.: 0.002 min
Response: 58321561
Conc: 64.25 ng/ml



#16 4,4'-DDD

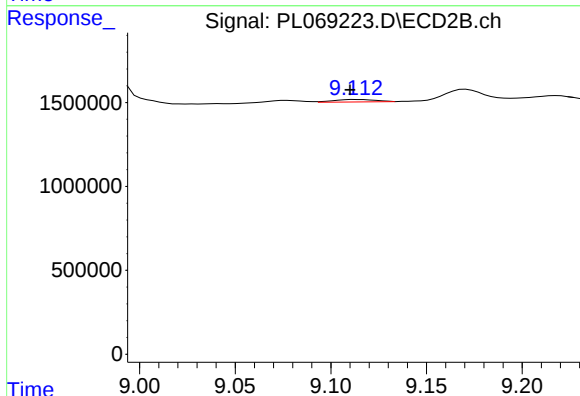
R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 95237
Conc: 0.22 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

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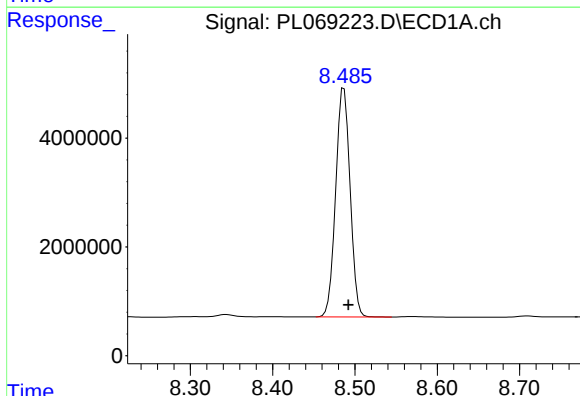
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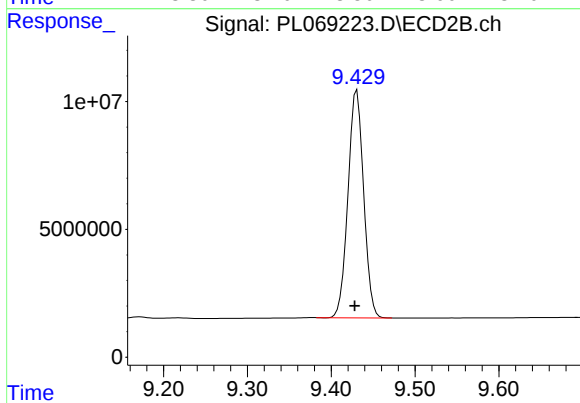
#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.002 min
Response: 216105
Conc: 0.25 ng/ml m



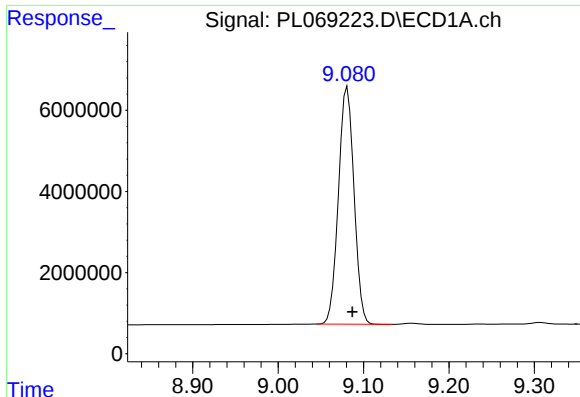
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 51306351
Conc: 105.64 ng/ml



#17 4,4'-DDT

R.T.: 9.431 min
Delta R.T.: 0.003 min
Response: 115846011
Conc: 122.41 ng/ml



#20 Methoxychlor

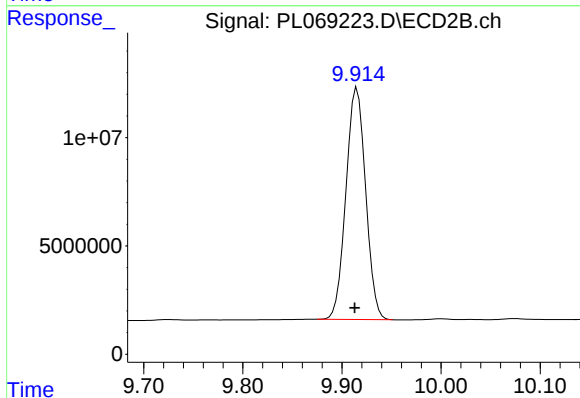
R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 74118483
Conc: 236.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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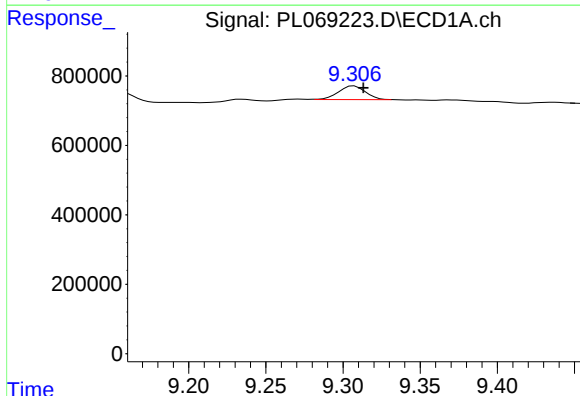
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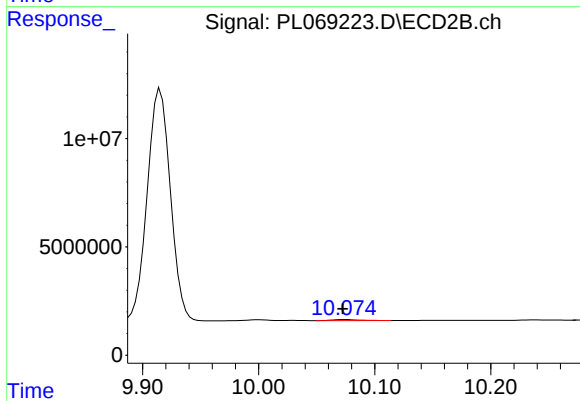
#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 147920455
Conc: 284.25 ng/ml



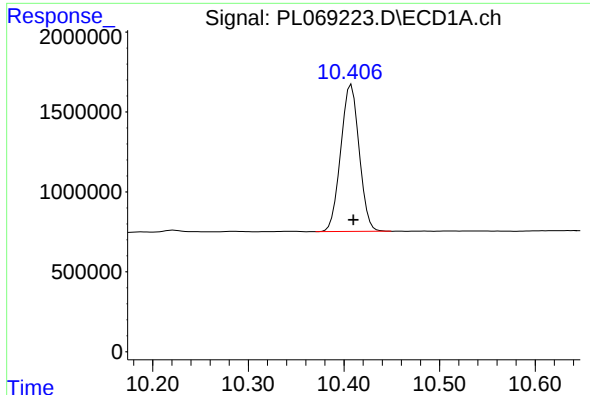
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.007 min
Response: 485391
Conc: 0.83 ng/ml m



#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.000 min
Response: 770233
Conc: 0.76 ng/ml m



#28 Decachlorobiphenyl

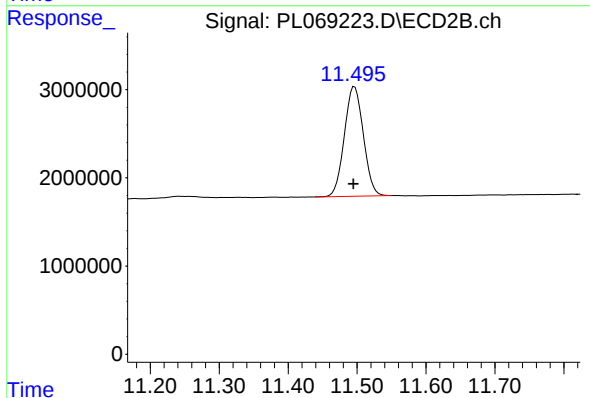
R.T.: 10.408 min
Delta R.T.: -0.002 min
Response: 12359640
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 23827078
Conc: 24.56 ng/ml