

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011222\
 Data File : PL071952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2022 16:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/13/2022
 Supervised By : Ankita Jodhani 01/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 00:13:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010422.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 10:33:37 2022
 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...	4.557	5.493	10536293	29119583	22.808	23.701
28)	SA Decachlor...	10.320	11.387	15651416	28223413	21.647	23.817
Target Compounds							
2)	A alpha-BHC	5.263	6.075	6276494	19560147	10.165	11.219
3)	MA gamma-BHC...	5.687	6.471	6186271	17868169	10.163	11.046
6)	B beta-BHC	6.071	6.730	3653182	9209672	13.502	12.890
12)	B 4,4'-DDE	7.555	8.495	199837	493053	0.360m	0.392m
14)	MA Endrin	7.974	8.888	29379848	61271332	55.594	59.203
16)	A 4,4'-DDD	8.143	9.034	2638453	5839513	5.479	6.074m
17)	MA 4,4'-DDT	8.403	9.352	51041075	106.0E6	106.947	112.447
18)	B Endrin al...	8.477	9.257	514394	693916	1.134	0.818m#
20)	A Methoxychlor	8.999	9.840	70425773	135.2E6	227.547	274.487
21)	B Endrin ke...	9.224	9.993	1887169	2468564	2.723	2.187

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

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Acq On : 12 Jan 2022 16:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

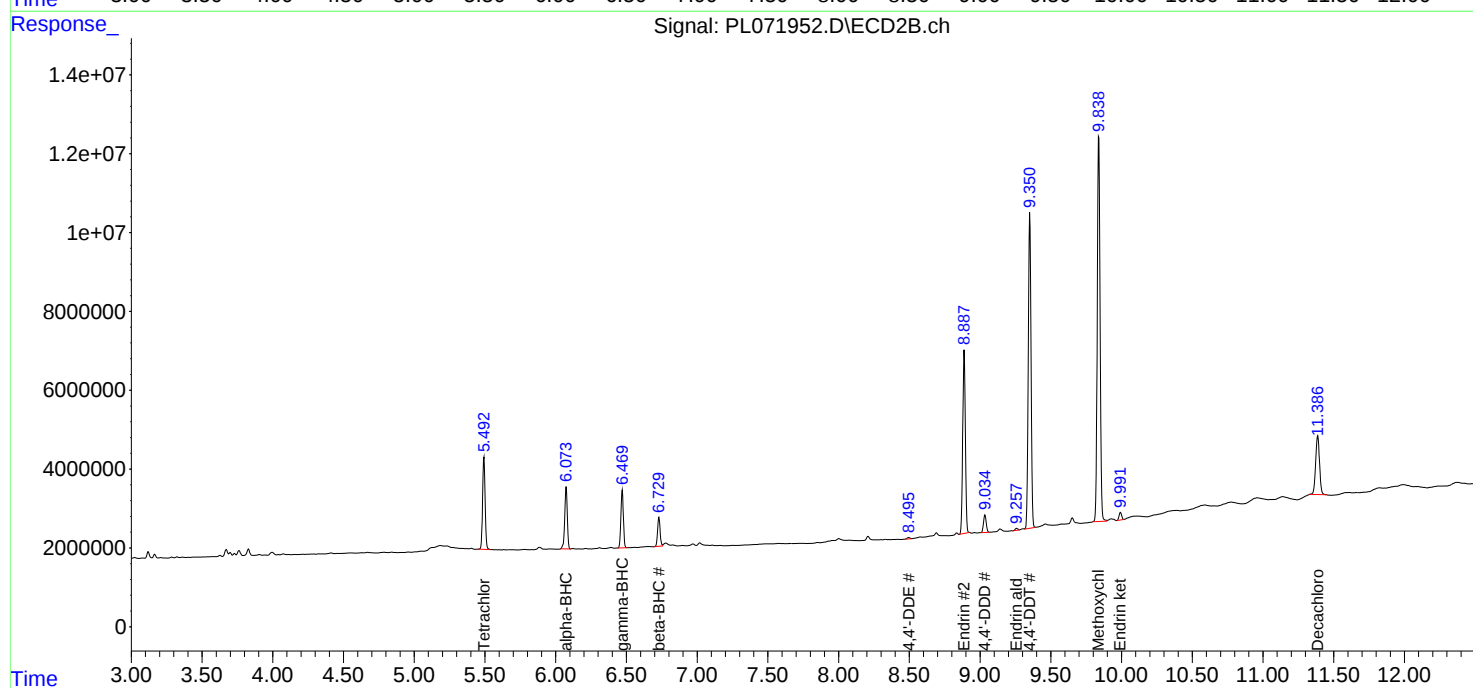
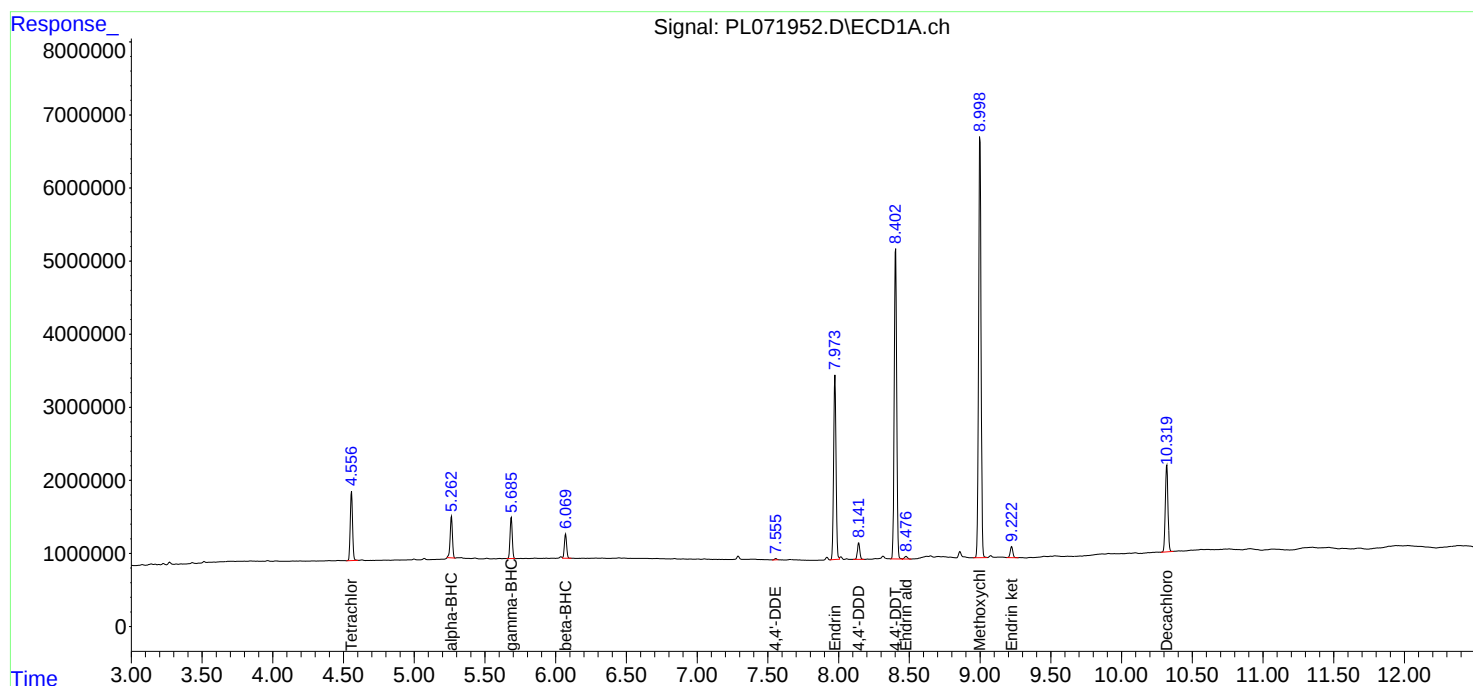
Instrument :
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ClientSampleId :
PEM

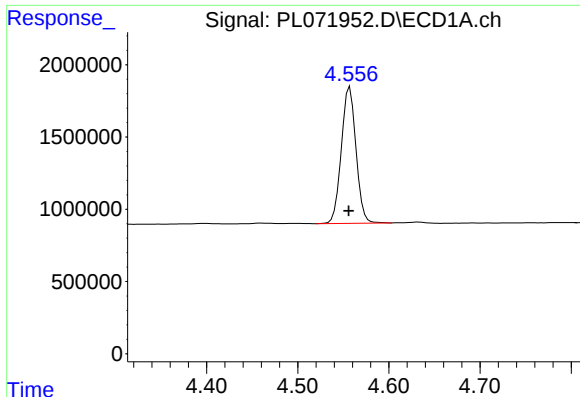
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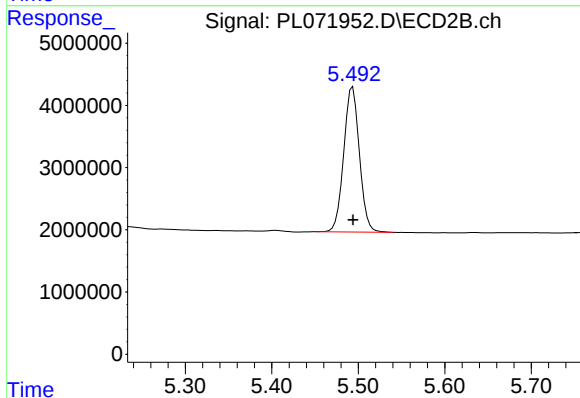
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.001 min
Response: 10536293
Conc: 22.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

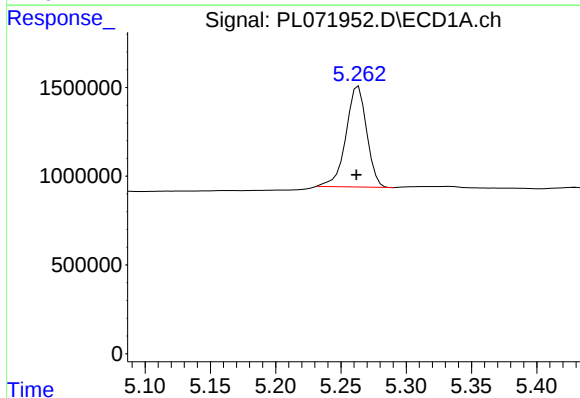
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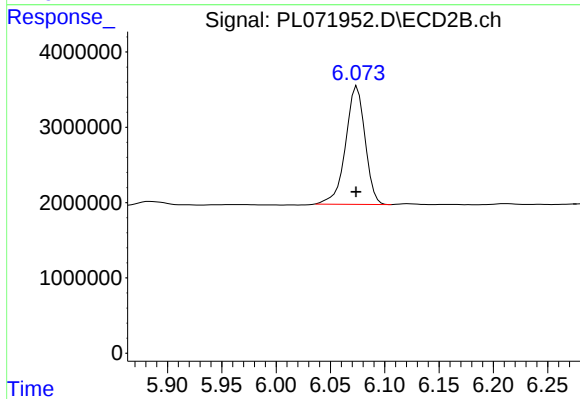
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 29119583
Conc: 23.70 ng/ml



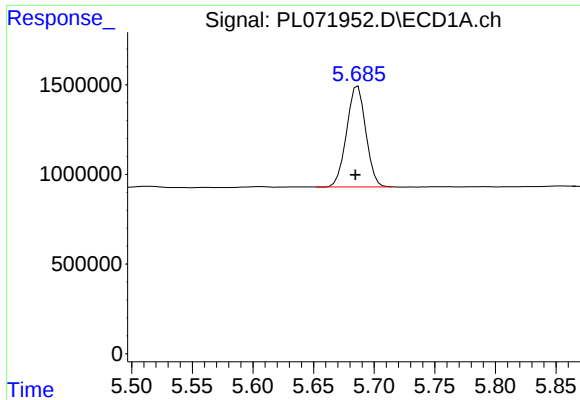
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.002 min
Response: 6276494
Conc: 10.16 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 19560147
Conc: 11.22 ng/ml



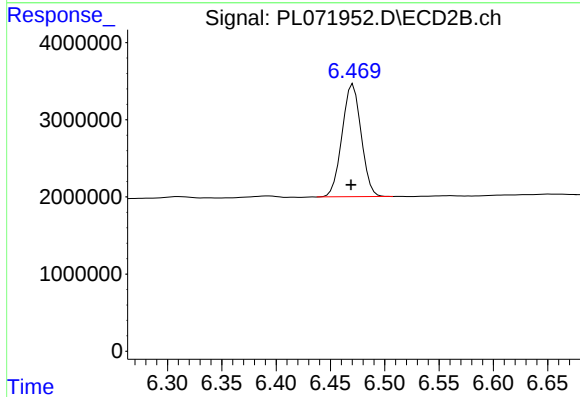
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 6186271
Conc: 10.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

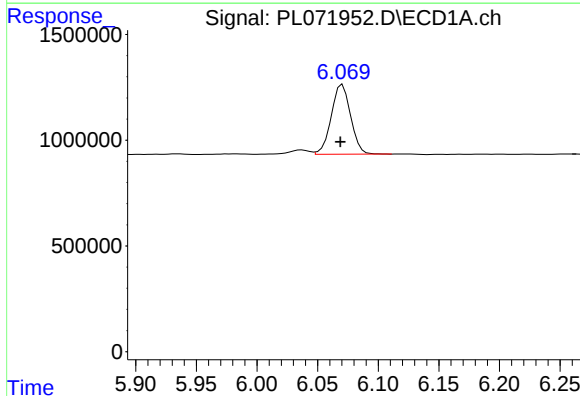
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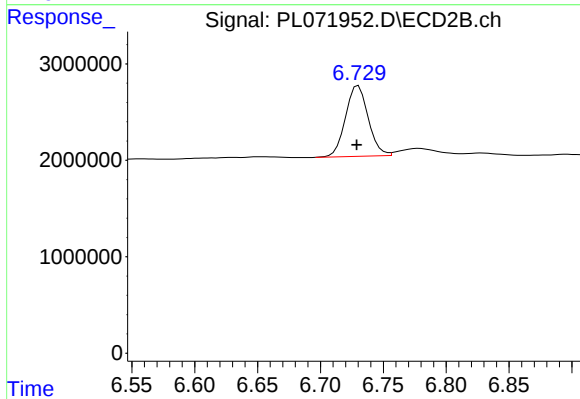
#3 gamma-BHC (Lindane)

R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 17868169
Conc: 11.05 ng/ml



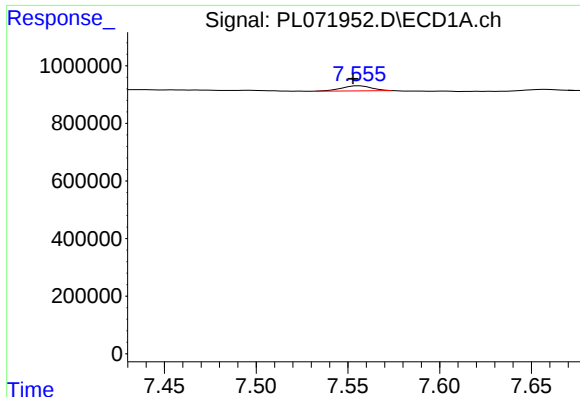
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 3653182
Conc: 13.50 ng/ml



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.001 min
Response: 9209672
Conc: 12.89 ng/ml



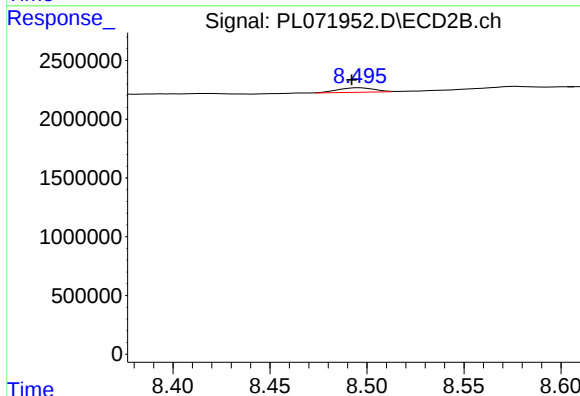
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 199837
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

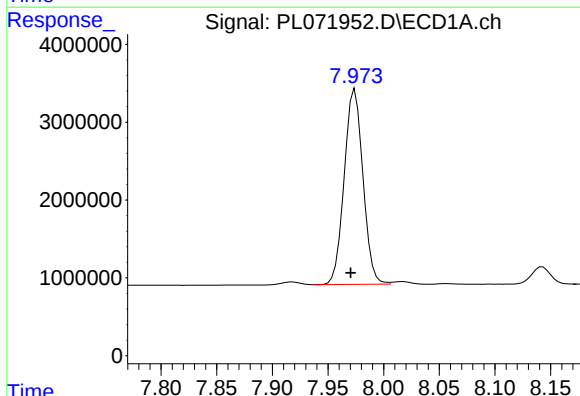
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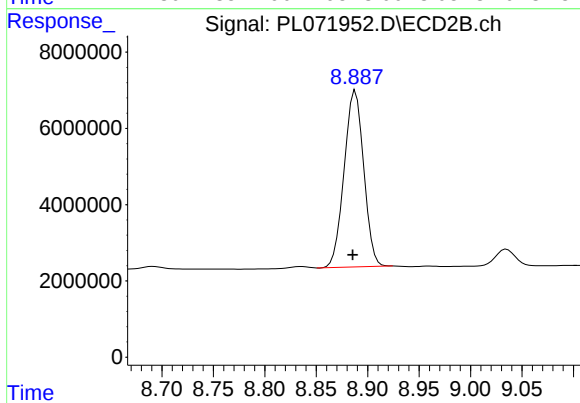
#12 4,4'-DDE

R.T.: 8.495 min
Delta R.T.: 0.003 min
Response: 493053
Conc: 0.39 ng/ml m



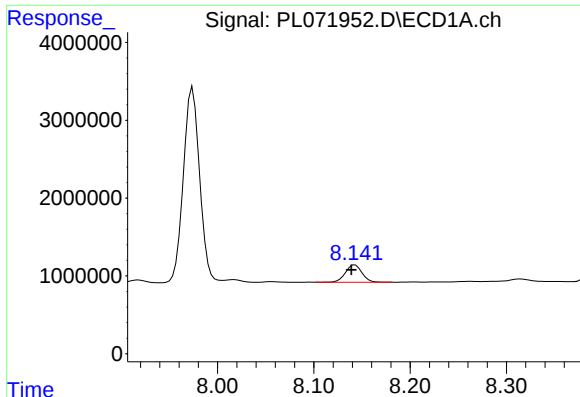
#14 Endrin

R.T.: 7.974 min
Delta R.T.: 0.004 min
Response: 29379848
Conc: 55.59 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.003 min
Response: 61271332
Conc: 59.20 ng/ml



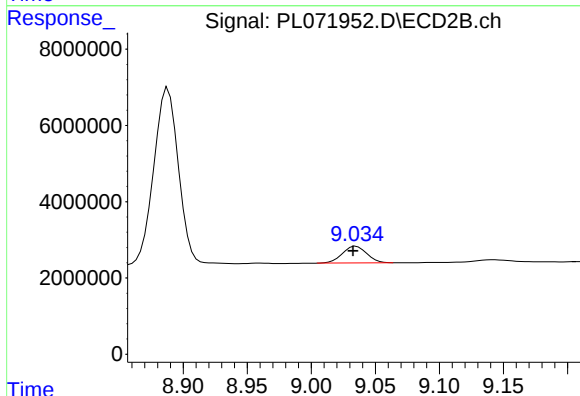
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 2638453
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

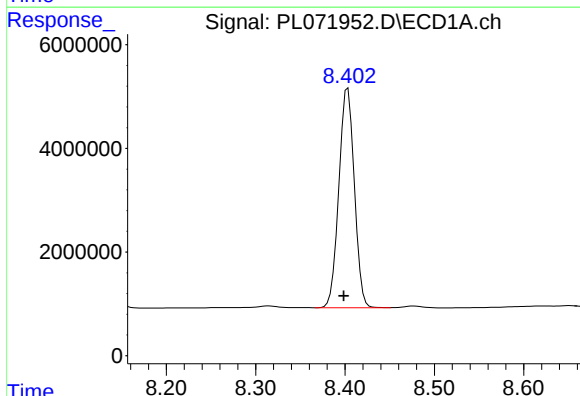
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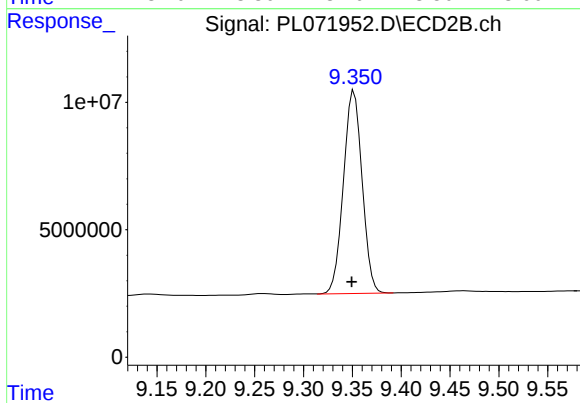
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: 0.001 min
Response: 5839513
Conc: 6.07 ng/ml m



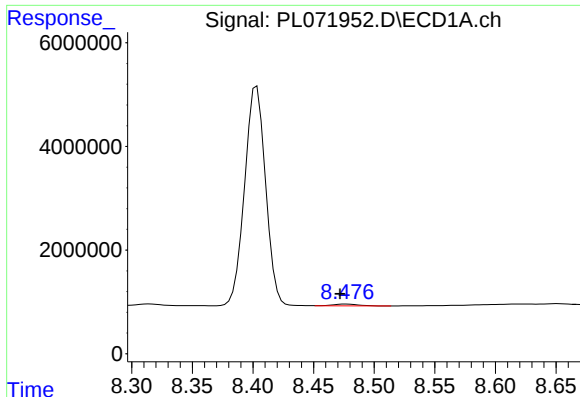
#17 4,4'-DDT

R.T.: 8.403 min
Delta R.T.: 0.005 min
Response: 51041075
Conc: 106.95 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.003 min
Response: 106040613
Conc: 112.45 ng/ml



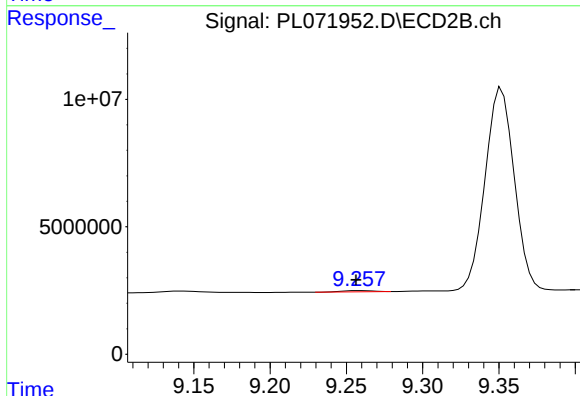
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.005 min
Response: 514394
Conc: 1.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

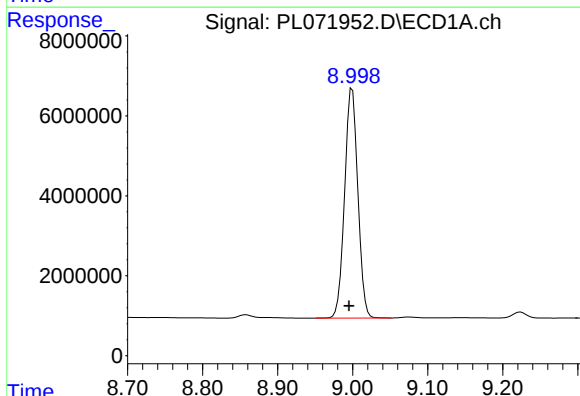
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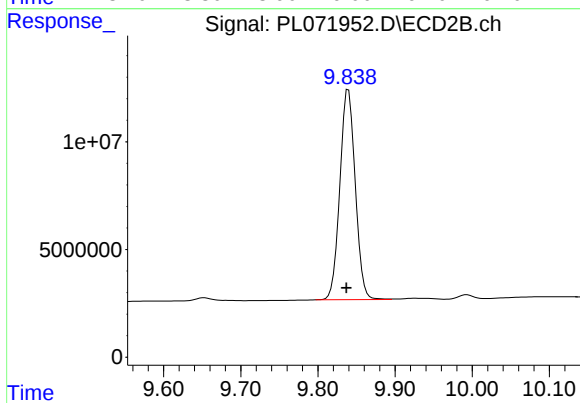
#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: 0.000 min
Response: 693916
Conc: 0.82 ng/ml m



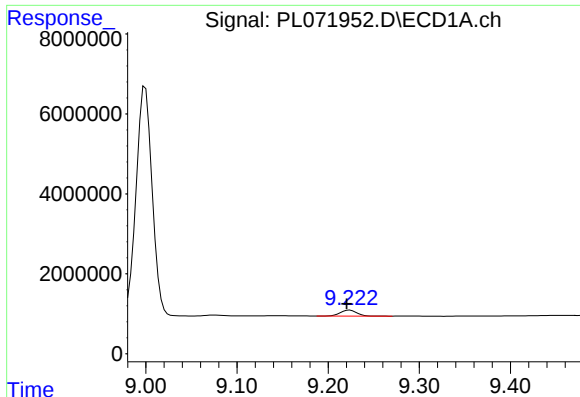
#20 Methoxychlor

R.T.: 8.999 min
Delta R.T.: 0.004 min
Response: 70425773
Conc: 227.55 ng/ml



#20 Methoxychlor

R.T.: 9.840 min
Delta R.T.: 0.003 min
Response: 135162559
Conc: 274.49 ng/ml



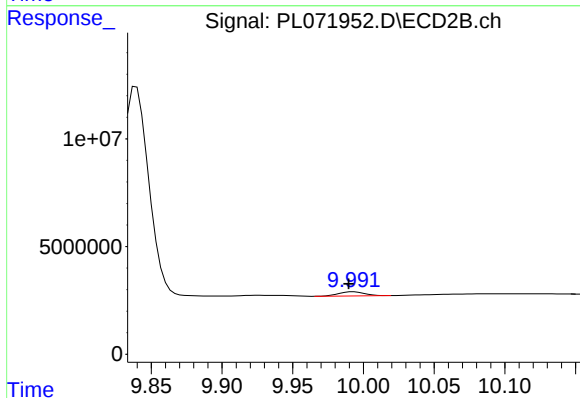
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.003 min
Response: 1887169
Conc: 2.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

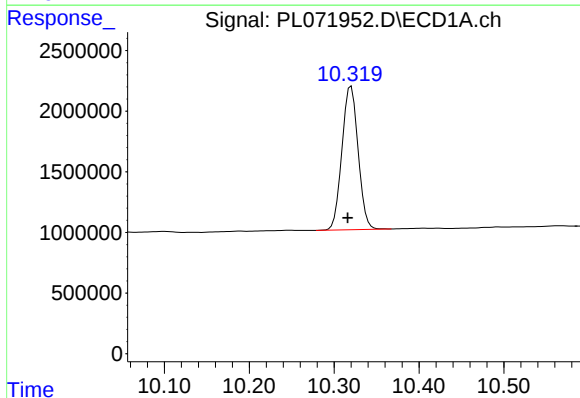
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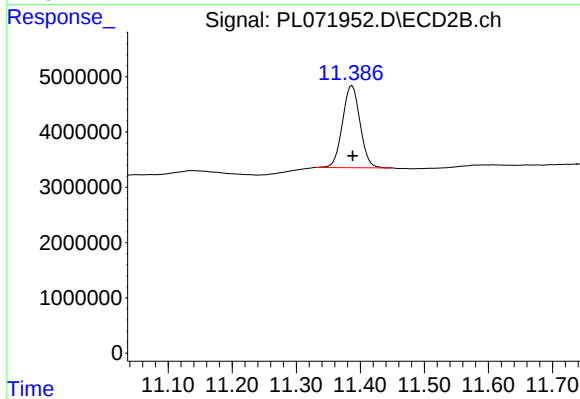
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.003 min
Response: 2468564
Conc: 2.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.320 min
Delta R.T.: 0.004 min
Response: 15651416
Conc: 21.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.387 min
Delta R.T.: 0.000 min
Response: 28223413
Conc: 23.82 ng/ml