

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 21:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:21:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.444	4.172	20233336	220.2E6	20.191	23.047
28)	SA Decachlor...	8.196	9.366	21563937	131.0E6	19.992	21.867
Target Compounds							
2)	A alpha-BHC	3.882	4.568	15171084	159.6E6	10.158	11.446
3)	MA gamma-BHC...	4.164	4.858	14672294	141.7E6	9.938m	11.063
6)	B beta-BHC	4.416	5.022	7193370	73107274	11.044	13.021
12)	B 4,4'-DDE	5.603	6.546	322102	4339106	0.278m	0.437m#
14)	MA Endrin	5.994	6.927	51396781	393.5E6	46.257	48.411
16)	A 4,4'-DDD	6.120	7.039	3733194	38406093	3.750m	4.740 #
17)	MA 4,4'-DDT	6.361	7.342	89935228	697.6E6	93.677	84.823
18)	B Endrin al...	6.436	7.256	1197926	8550036	1.393m	1.340m
20)	A Methoxychlor	6.911	7.794	123.1E6	837.5E6	213.588	203.114
21)	B Endrin ke...	7.142	7.956	3413445	23579028	2.725	2.823

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

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ALS Vial : 3 Sample Multiplier: 1

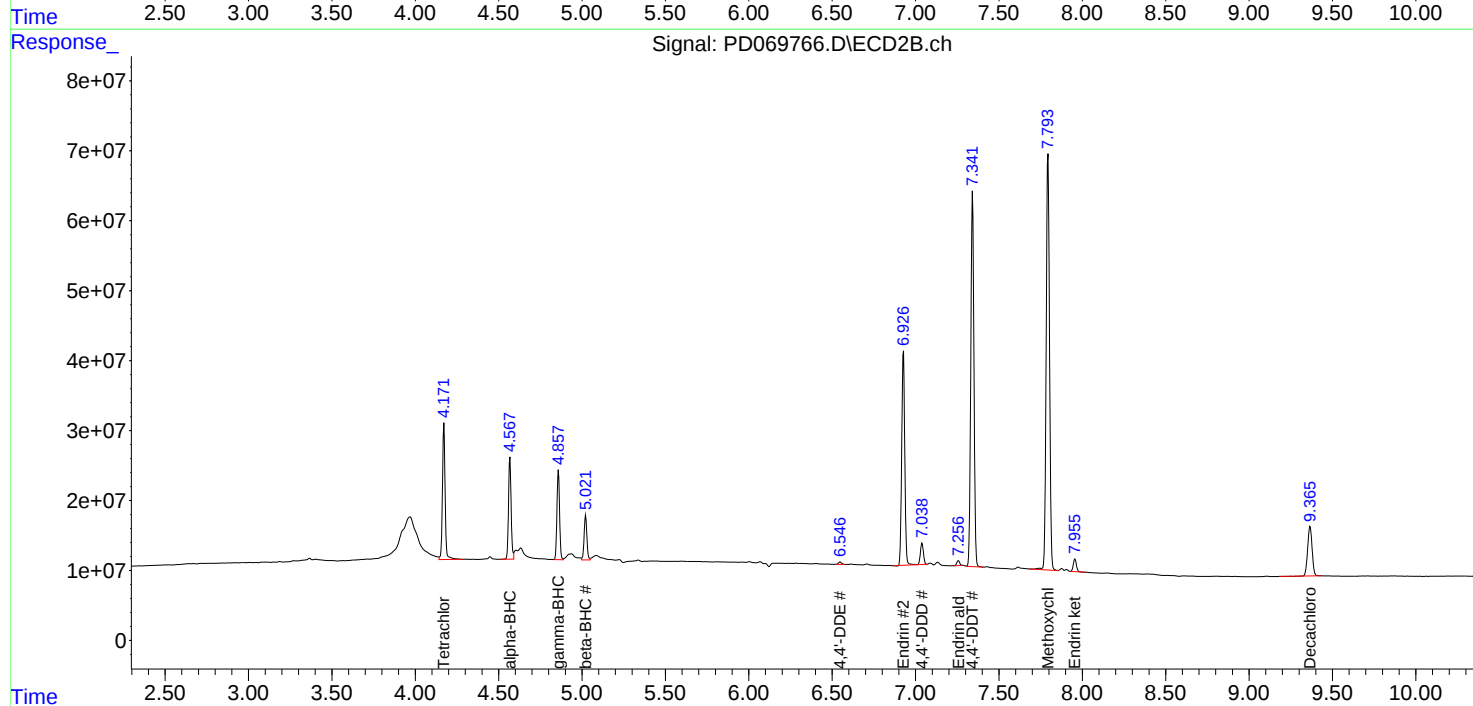
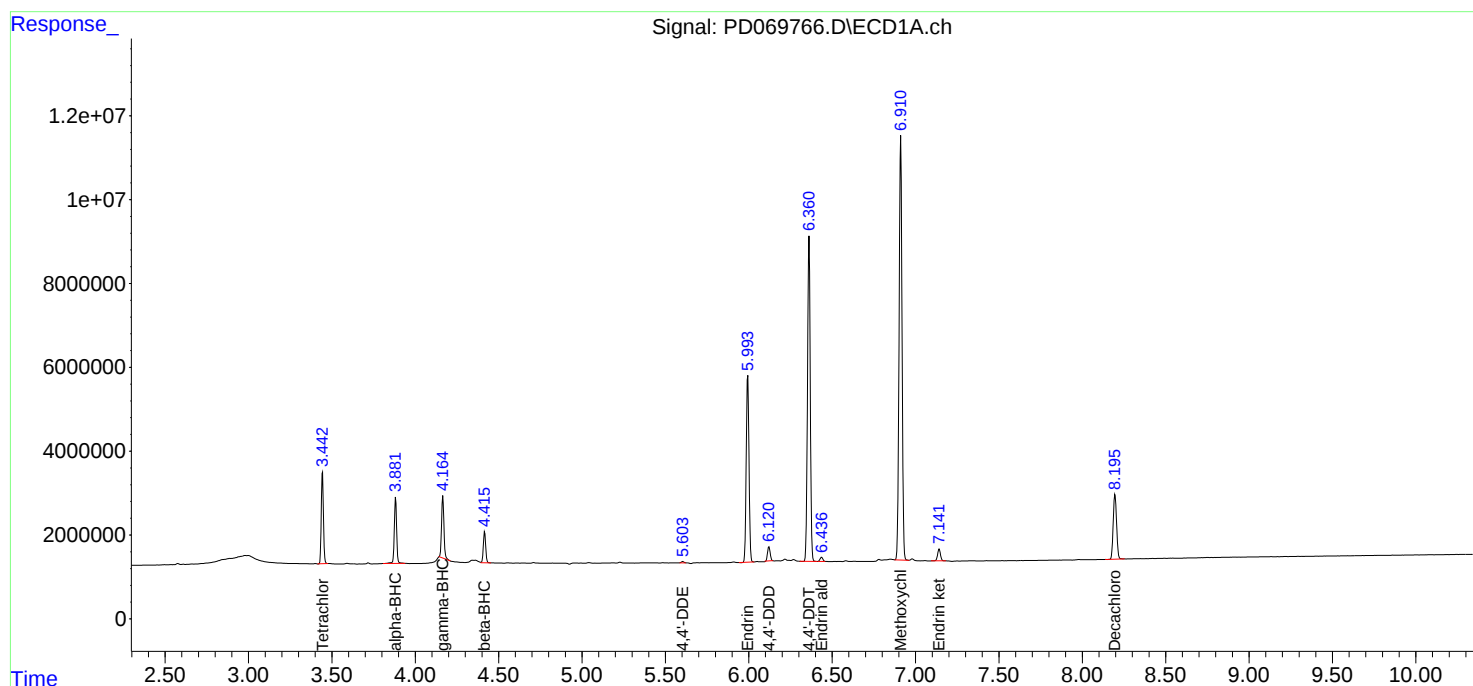
Instrument :
ECD_D
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PEM

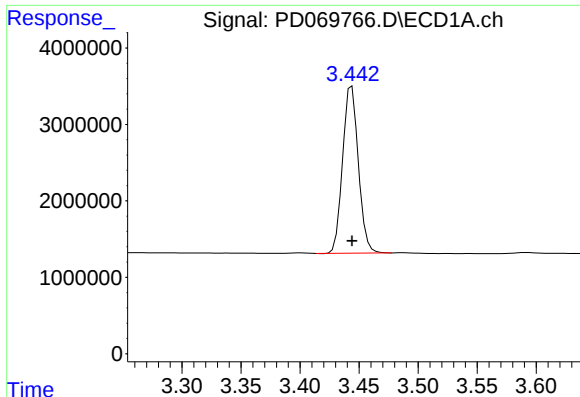
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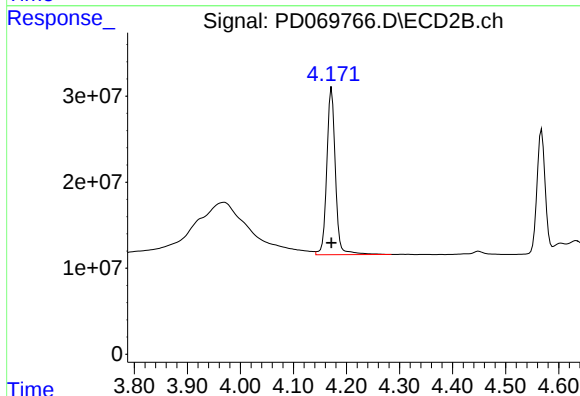
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 20233336
Conc: 20.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

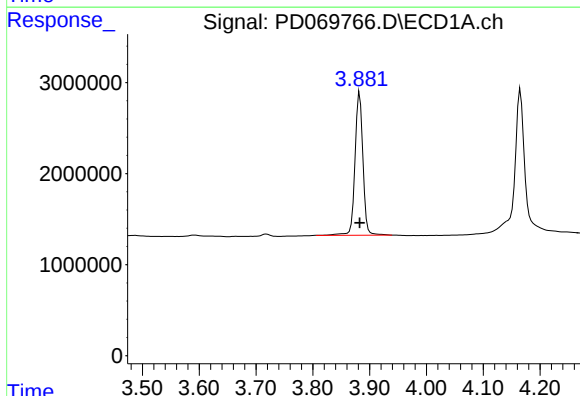
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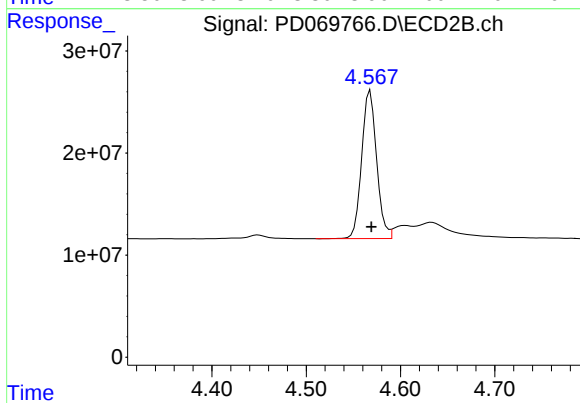
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 220194232
Conc: 23.05 ng/ml



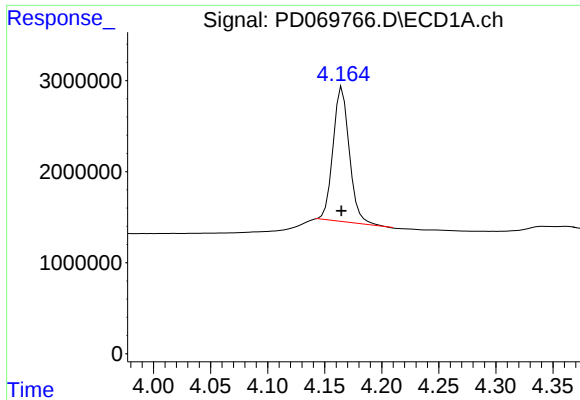
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 15171084
Conc: 10.16 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.001 min
Response: 159648383
Conc: 11.45 ng/ml



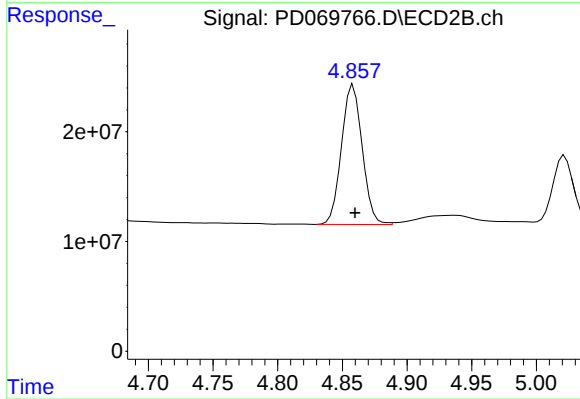
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 14672294
Conc: 9.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

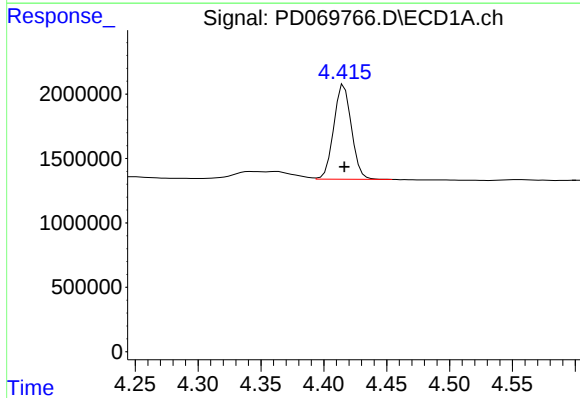
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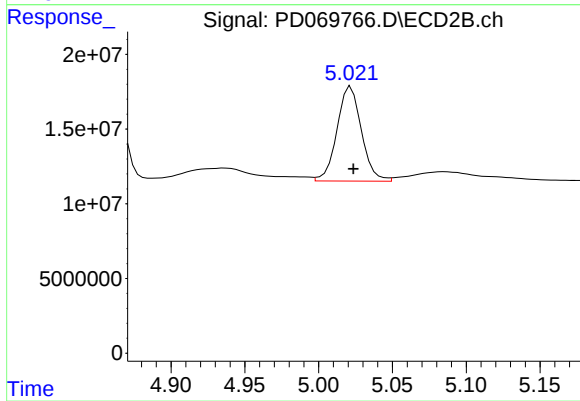
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: -0.001 min
Response: 141680124
Conc: 11.06 ng/ml



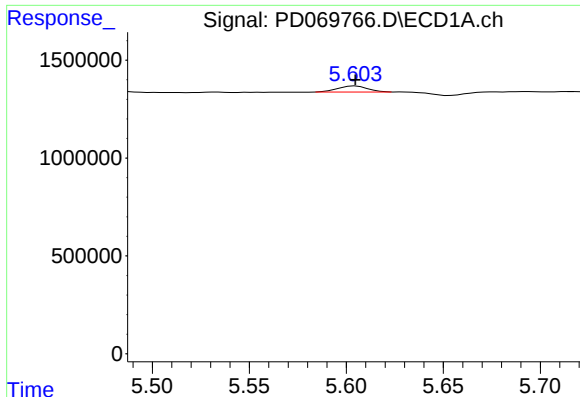
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 7193370
Conc: 11.04 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 73107274
Conc: 13.02 ng/ml



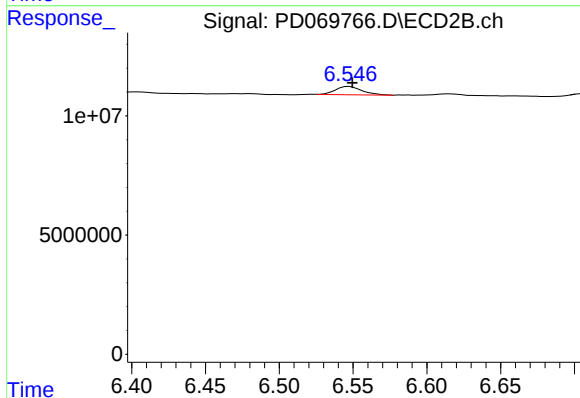
#12 4,4'-DDE

R.T.: 5.603 min
Delta R.T.: -0.001 min
Response: 322102
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

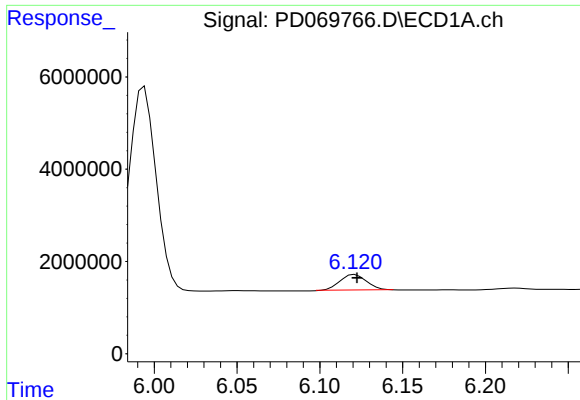
R.T.: 6.546 min
Delta R.T.: -0.003 min
Response: 4339106
Conc: 0.44 ng/ml m

#14 Endrin

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 51396781
Conc: 46.26 ng/ml

#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 393490117
Conc: 48.41 ng/ml



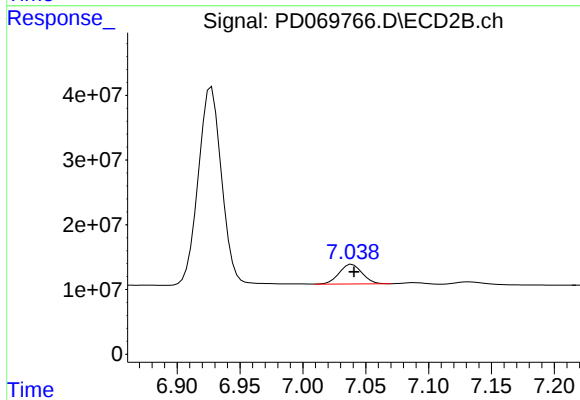
#16 4,4'-DDD

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 3733194
Conc: 3.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

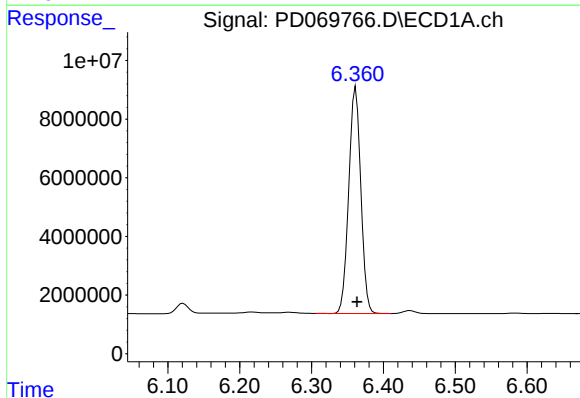
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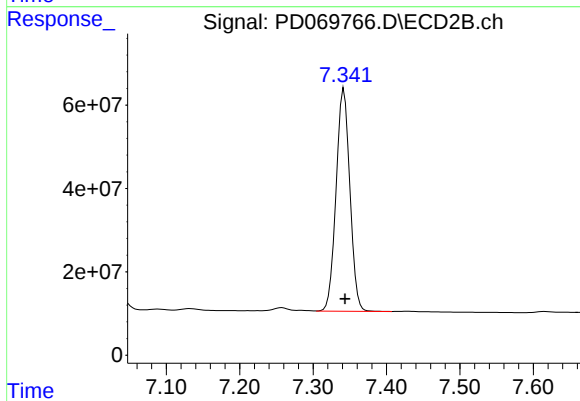
#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 38406093
Conc: 4.74 ng/ml



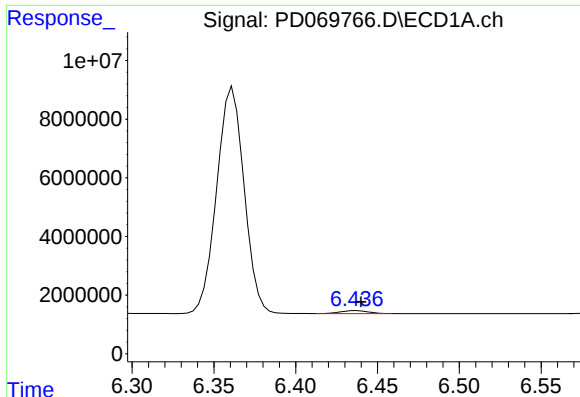
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 89935228
Conc: 93.68 ng/ml



#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 697583090
Conc: 84.82 ng/ml



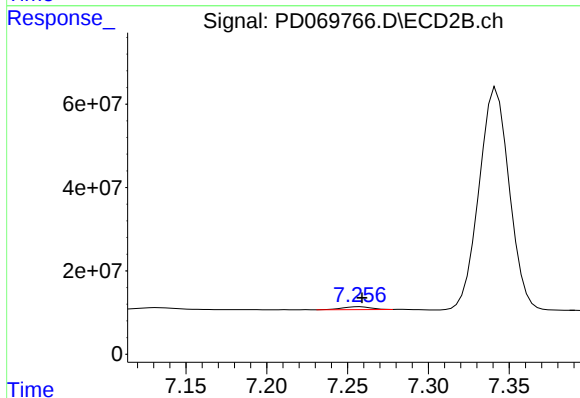
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.004 min
Response: 1197926
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

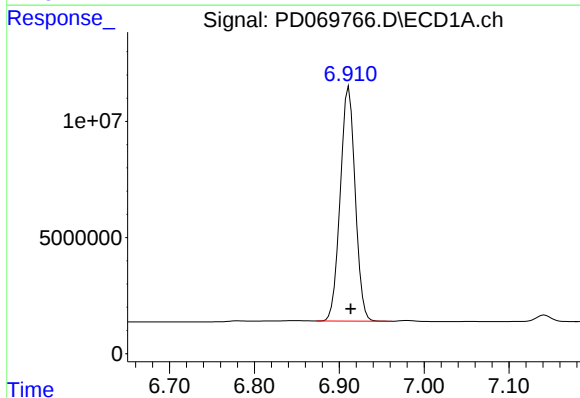
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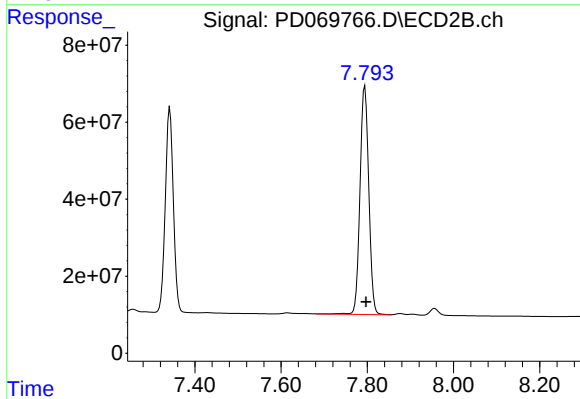
#18 Endrin aldehyde

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 8550036
Conc: 1.34 ng/ml m



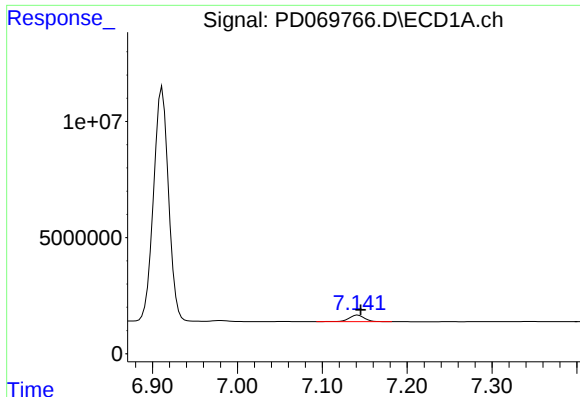
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 123109646
Conc: 213.59 ng/ml



#20 Methoxychlor

R.T.: 7.794 min
Delta R.T.: -0.003 min
Response: 837520771
Conc: 203.11 ng/ml



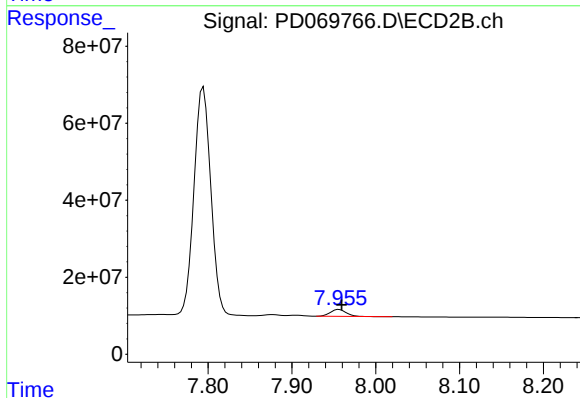
#21 Endrin ketone

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 3413445
Conc: 2.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

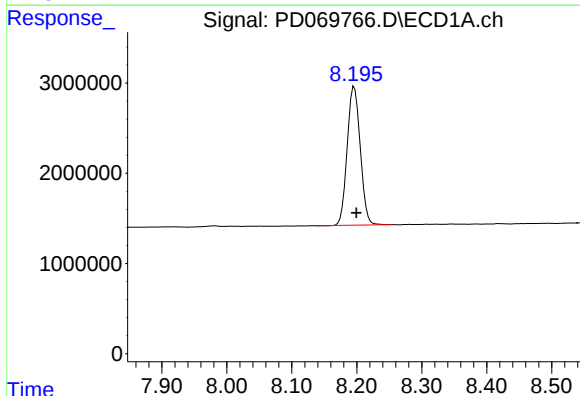
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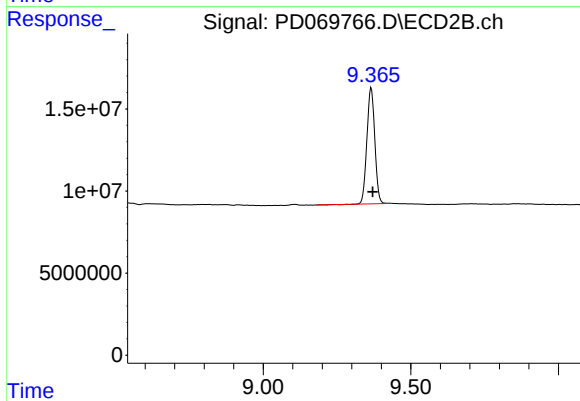
#21 Endrin ketone

R.T.: 7.956 min
Delta R.T.: -0.003 min
Response: 23579028
Conc: 2.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 21563937
Conc: 19.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 131046640
Conc: 21.87 ng/ml