

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072222\
 Data File : PD071101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 19:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2022
 Supervised By : Ankita Jodhani 07/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 23:55:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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 x 0.2 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...	3.473	4.124	65605605	607.2E6	22.639	21.003
28)	SA Decachlor...	8.242	9.322	62967461	248.4E6	20.609	21.780
Target Compounds							
2)	A alpha-BHC	3.913	4.529	45961760	447.5E6	10.476m	11.805
3)	MA gamma-BHC...	4.197	4.823	45774721	397.2E6	10.542m	13.297 #
6)	B beta-BHC	4.448	5.000	20531480	175.7E6	12.284	13.098
12)	B 4,4'-DDE	5.641	6.508	911859	3140807	0.259m	0.209m
14)	MA Endrin	6.034	6.896	181.4E6	664.5E6	58.103	64.065
16)	A 4,4'-DDD	6.160	7.010	2783345	7374493	0.948m	0.593m#
17)	MA 4,4'-DDT	6.402	7.313	373.5E6	1429.9E6	122.004	106.763
18)	B Endrin al...	6.476	7.235	5005812	18353368	2.087m	1.820m
20)	A Methoxychlor	6.952	7.773	461.6E6	1671.0E6	279.248m	243.173
21)	B Endrin ke...	7.184	7.942	15202163	34172768	4.389	2.469 #

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

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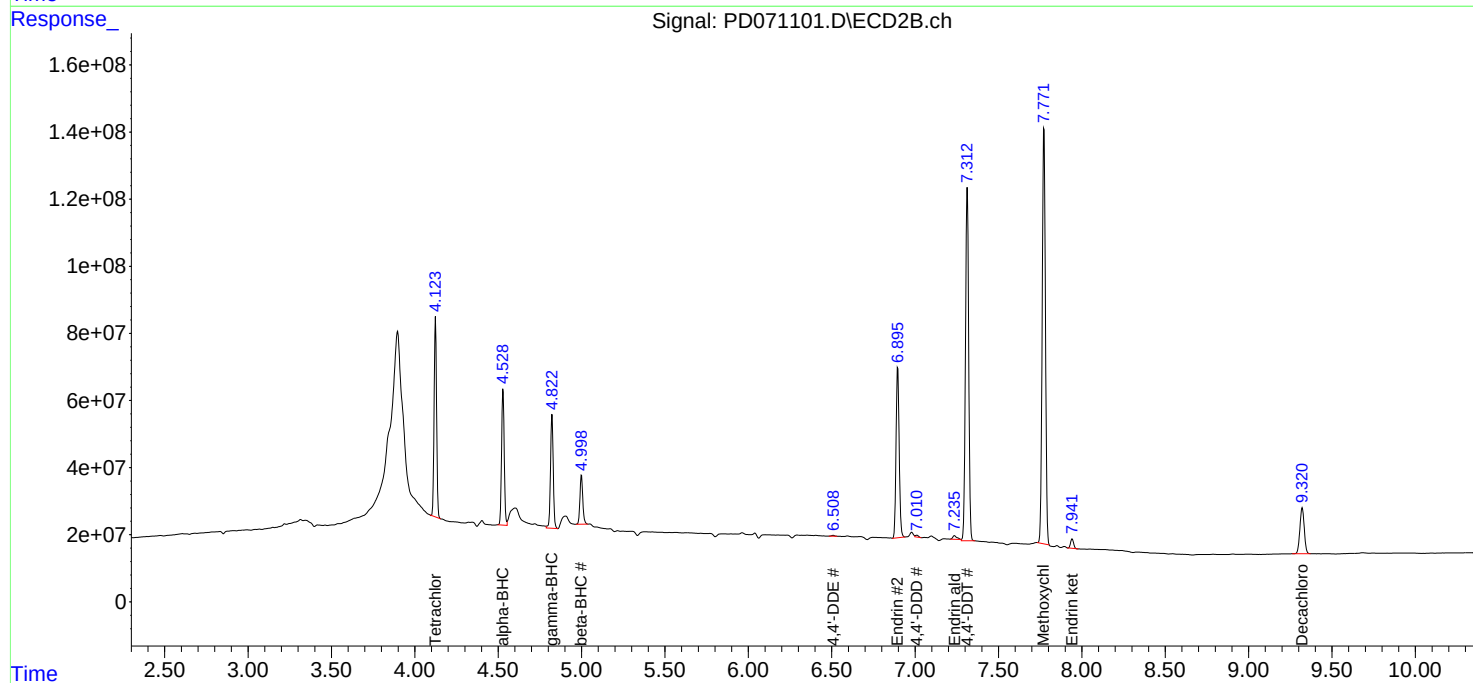
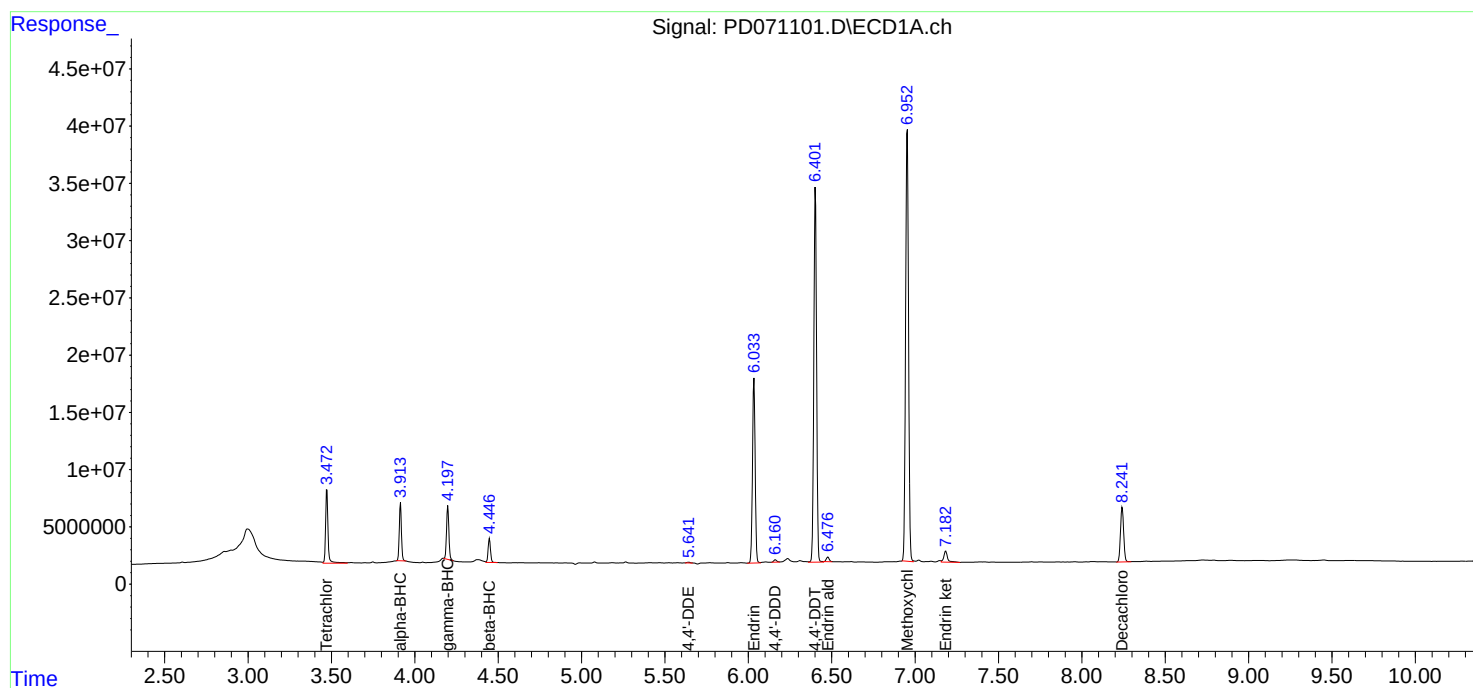
Instrument :
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ClientSampleId :
PEM

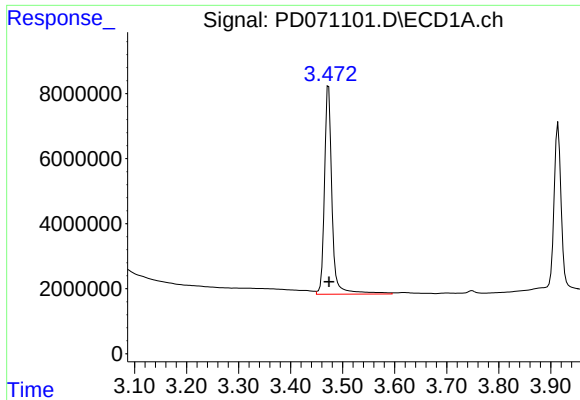
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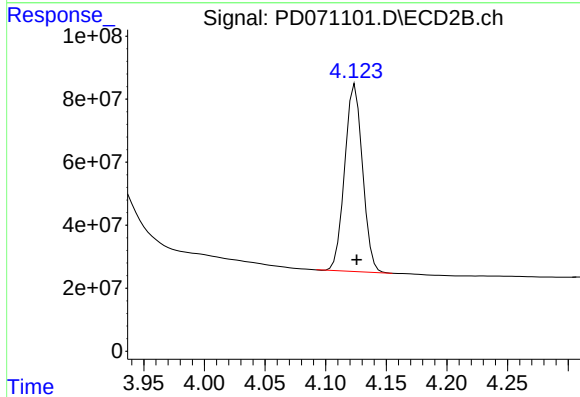
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.001 min
Response: 65605605
Conc: 22.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

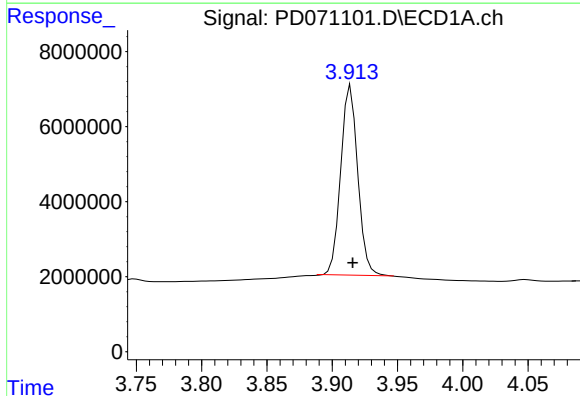
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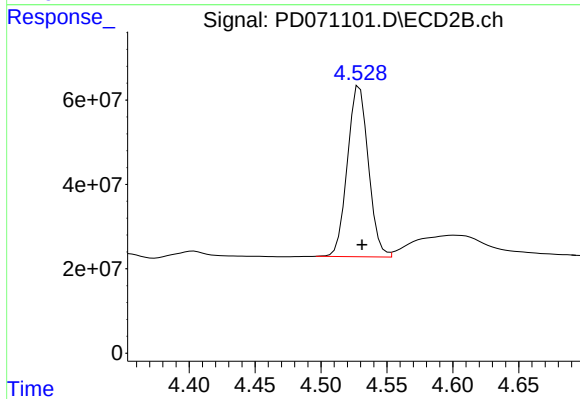
#1 Tetrachloro-m-xylene

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 607235440
Conc: 21.00 ng/ml



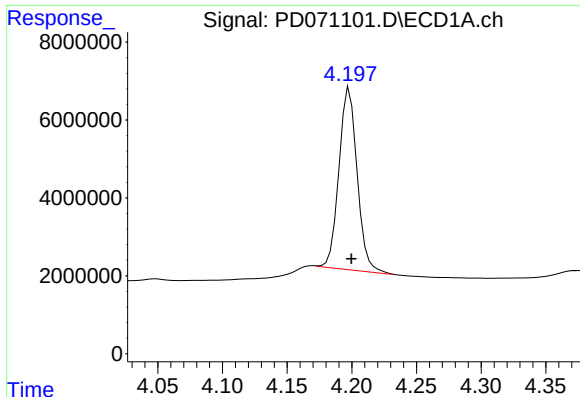
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 45961760
Conc: 10.48 ng/ml m



#2 alpha-BHC

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 447457641
Conc: 11.81 ng/ml



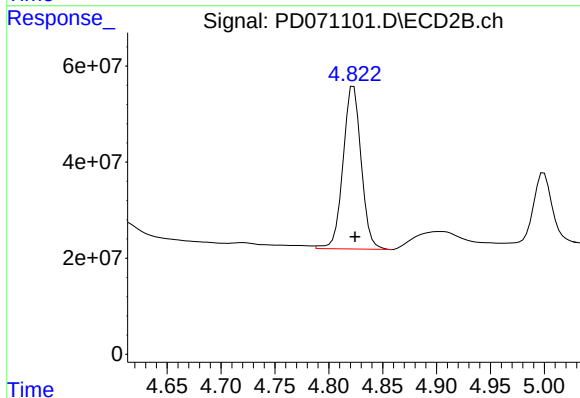
#3 gamma-BHC (Lindane)

R.T.: 4.197 min
Delta R.T.: -0.003 min
Response: 45774721
Conc: 10.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

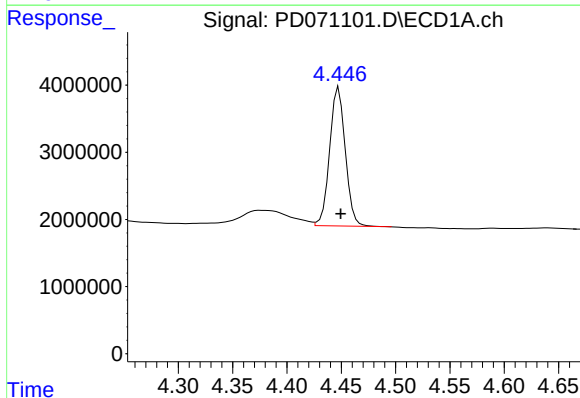
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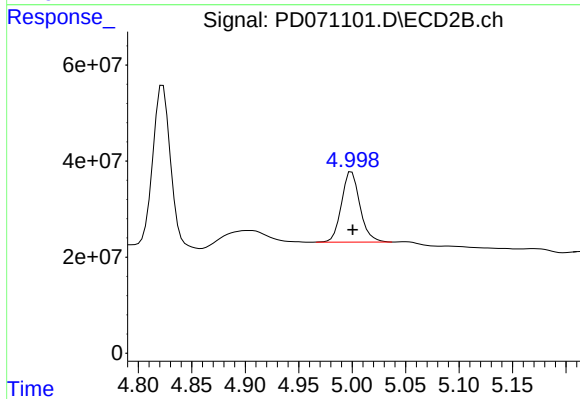
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 397151575
Conc: 13.30 ng/ml



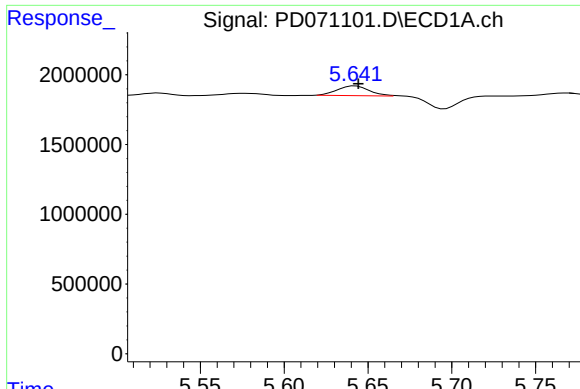
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: -0.002 min
Response: 20531480
Conc: 12.28 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 175687094
Conc: 13.10 ng/ml



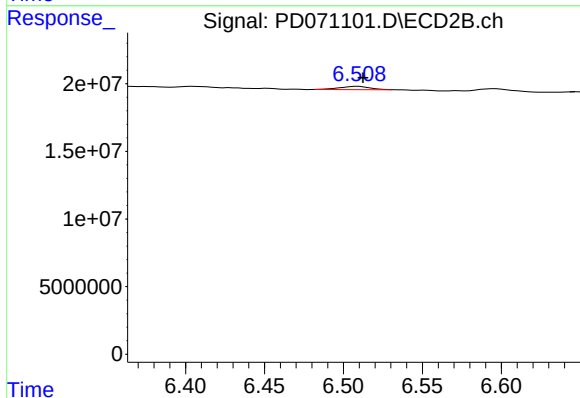
#12 4,4'-DDE

R.T.: 5.641 min
Delta R.T.: -0.003 min
Response: 911859
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

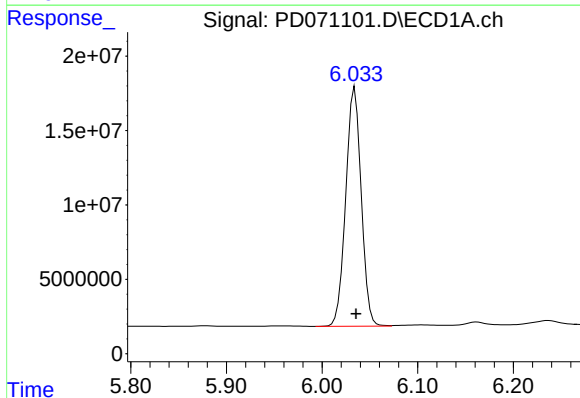
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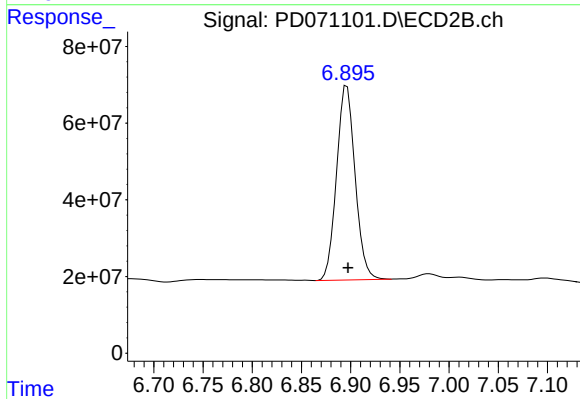
#12 4,4'-DDE

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 3140807
Conc: 0.21 ng/ml m



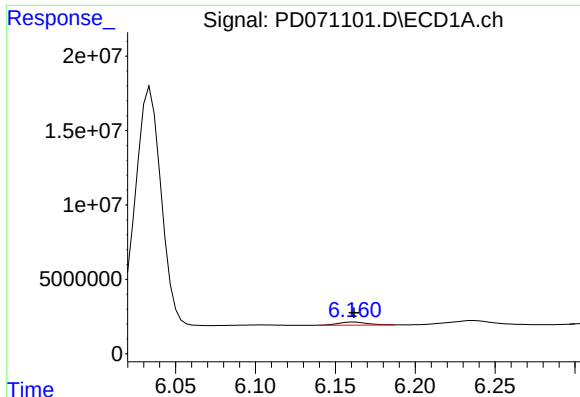
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 181440780
Conc: 58.10 ng/ml



#14 Endrin

R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 664493364
Conc: 64.07 ng/ml



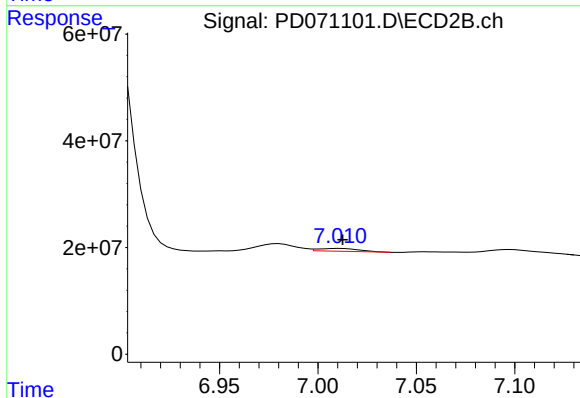
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 2783345
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

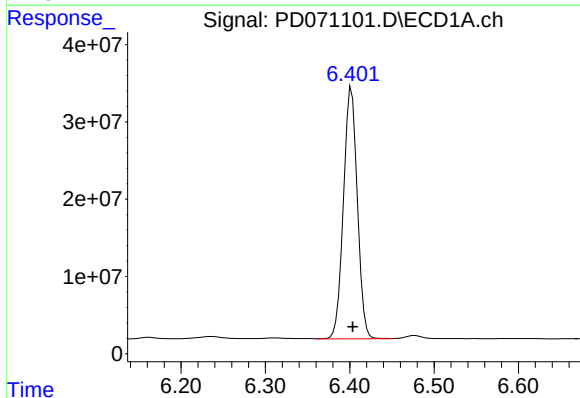
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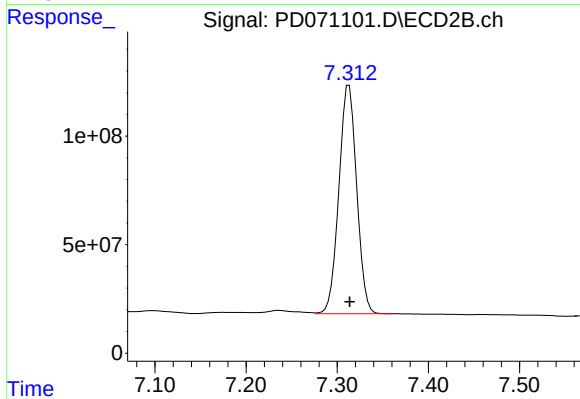
#16 4,4'-DDD

R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 7374493
Conc: 0.59 ng/ml m



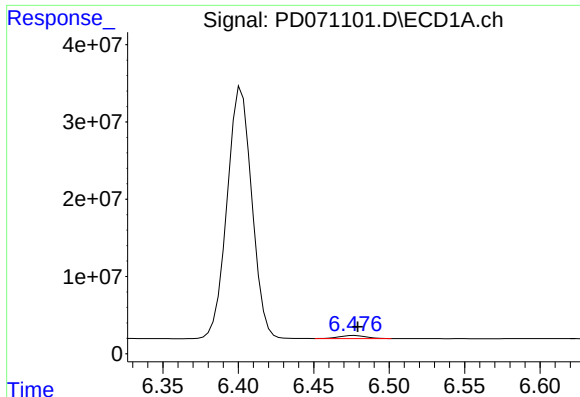
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 373471223
Conc: 122.00 ng/ml



#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 1429918476
Conc: 106.76 ng/ml



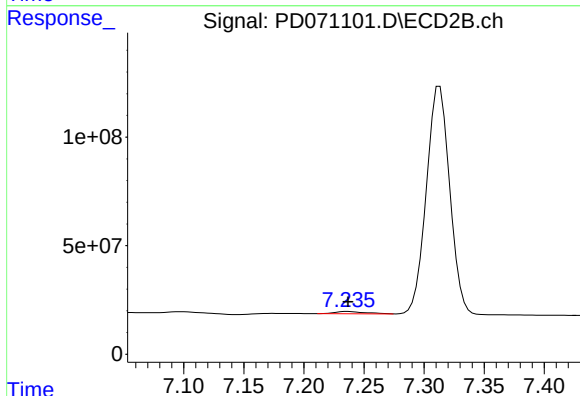
#18 Endrin aldehyde

R.T.: 6.476 min
Delta R.T.: -0.003 min
Response: 5005812
Conc: 2.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

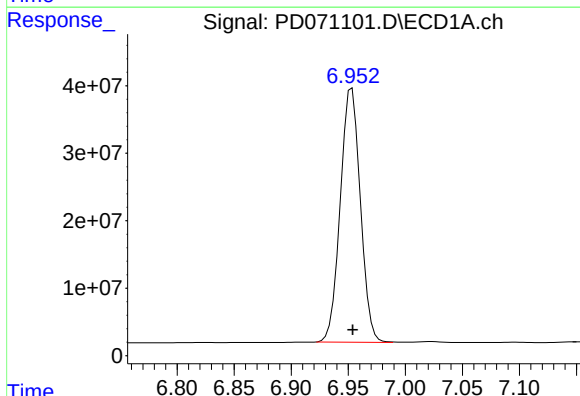
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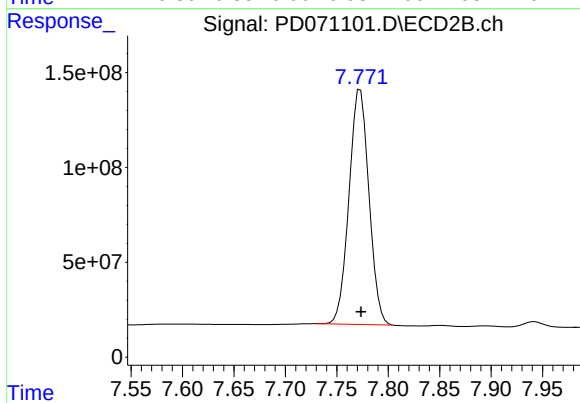
#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 18353368
Conc: 1.82 ng/ml m



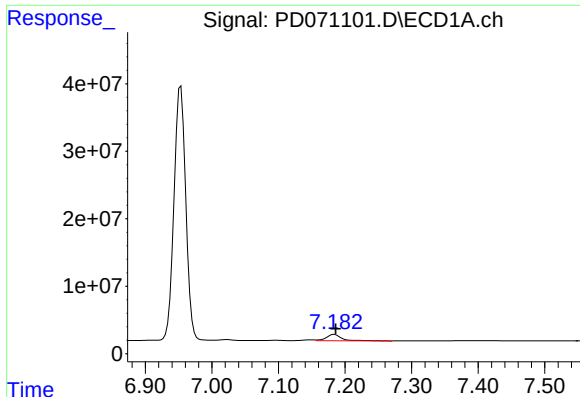
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 461633622
Conc: 279.25 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 1670958915
Conc: 243.17 ng/ml



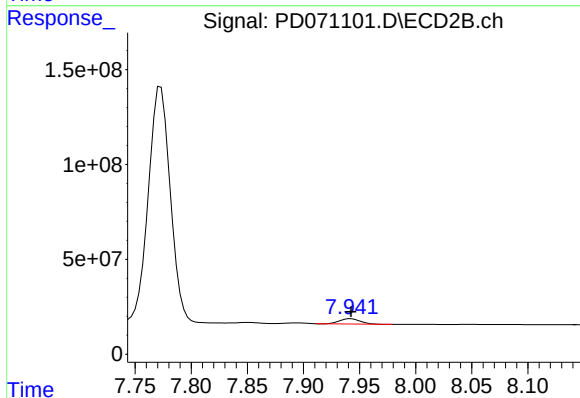
#21 Endrin ketone

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 15202163
Conc: 4.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

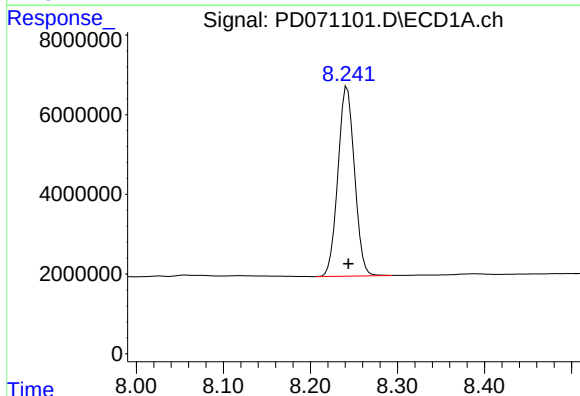
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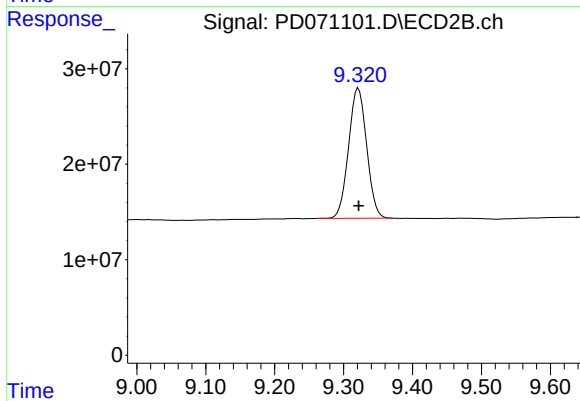
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 34172768
Conc: 2.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 62967461
Conc: 20.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 248397620
Conc: 21.78 ng/ml