

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080322\
 Data File : PD071308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2022 15:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/03/2022
 Supervised By :mohammad ahmed 08/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 03:03:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.816	3.574	46213697	518.9E6	16.296	18.432
28)	SA Decachlor...	8.018	9.106	40461350	164.6E6	14.589	15.902
Target Compounds							
2)	A alpha-BHC	3.326	4.041	34428295	384.9E6	8.210	10.369 #
3)	MA gamma-BHC...	3.660	4.377	32348031	310.0E6	8.087	10.354 #
6)	B beta-BHC	3.958	4.583	15254033	128.2E6	8.929	10.827
14)	MA Endrin	5.719	6.627	123.7E6	494.9E6	39.074	39.564
16)	A 4,4'-DDD	5.867	6.756	7497677	28892425	2.630	2.429m
17)	MA 4,4'-DDT	6.121	7.069	256.4E6	1012.9E6	86.851	77.657
18)	B Endrin al...	6.196	6.982	4913890	13923220	2.229	1.437m#
20)	A Methoxychlor	6.702	7.546	325.5E6	1229.8E6	197.336	178.422
21)	B Endrin ke...	6.930	7.709	11283534	40521012	3.464	3.018

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

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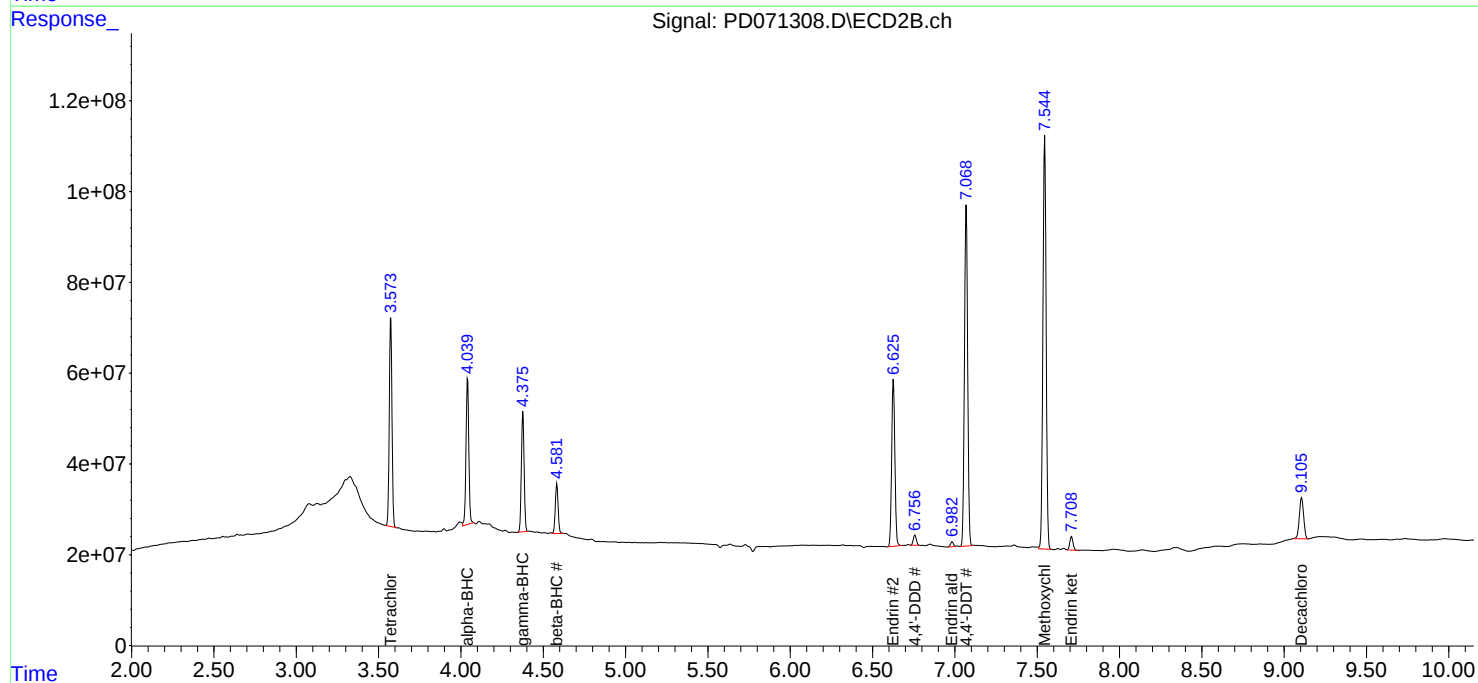
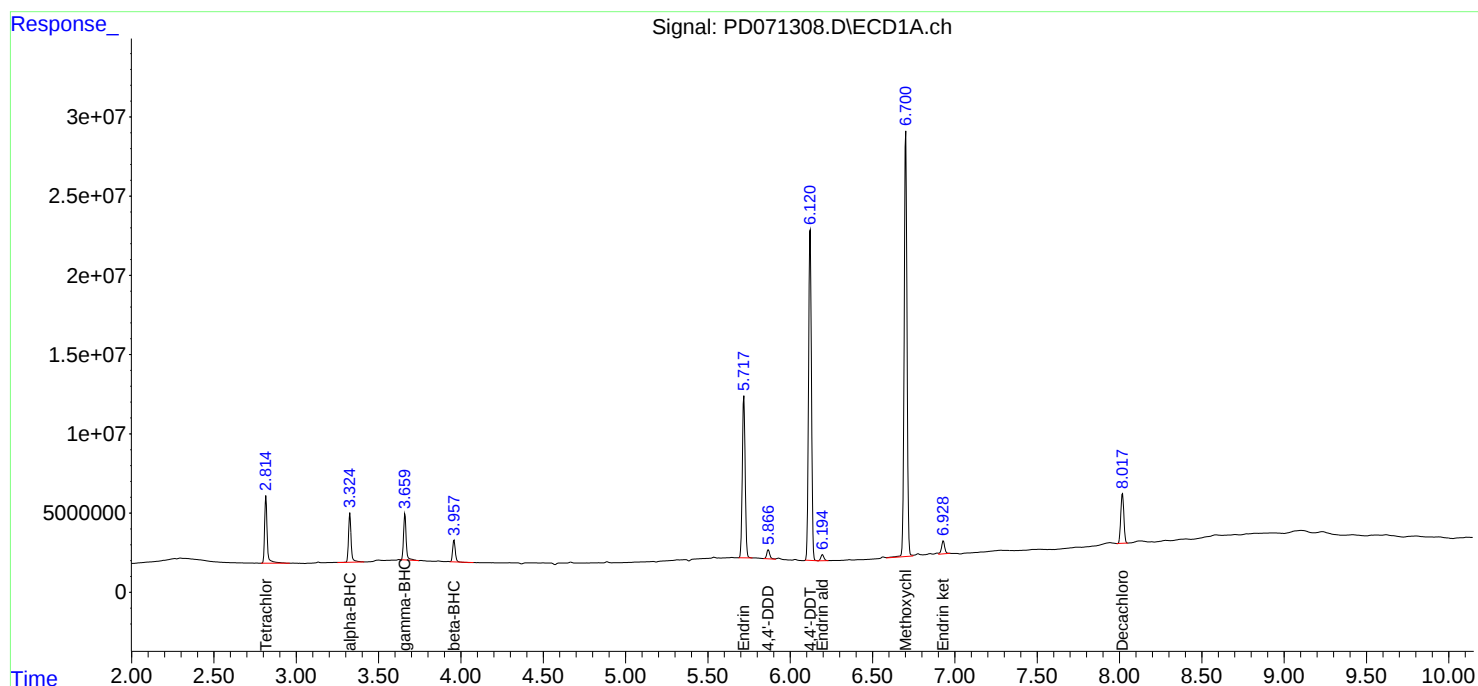
Instrument :
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ClientSampleId :
PEM

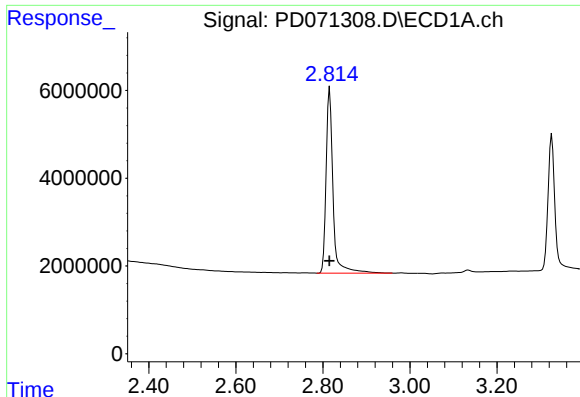
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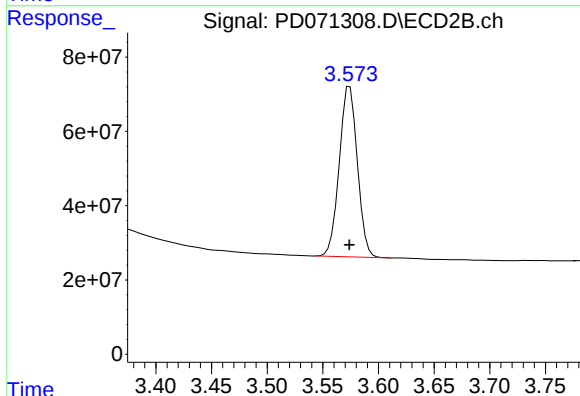
#1 Tetrachloro-m-xylene

R.T.: 2.816 min
Delta R.T.: 0.000 min
Response: 46213697
Conc: 16.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

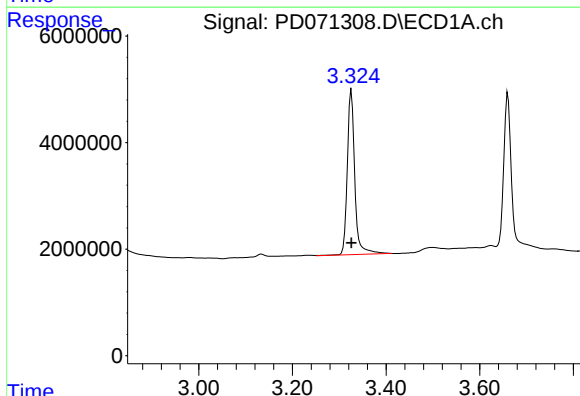
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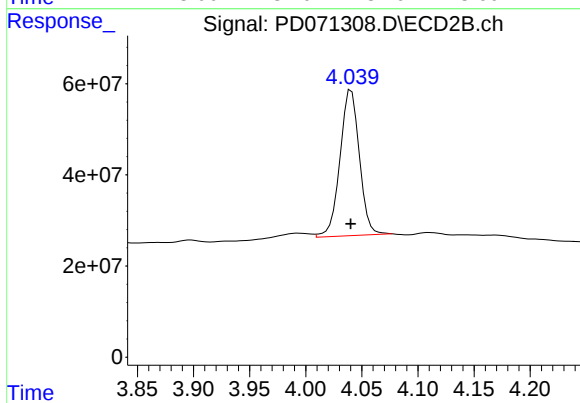
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 518858707
Conc: 18.43 ng/ml



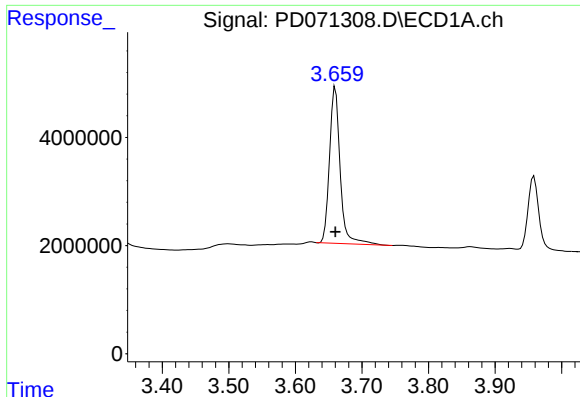
#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 34428295
Conc: 8.21 ng/ml



#2 alpha-BHC

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 384927524
Conc: 10.37 ng/ml



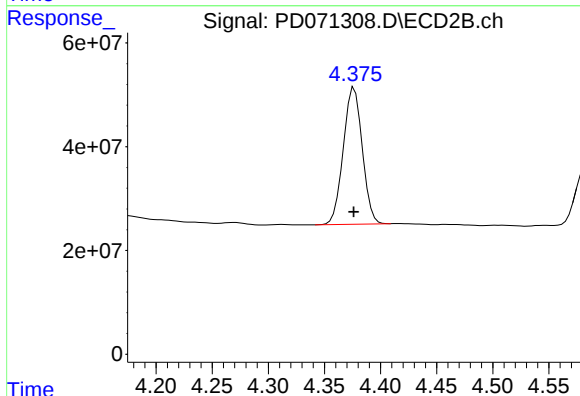
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 32348031
Conc: 8.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

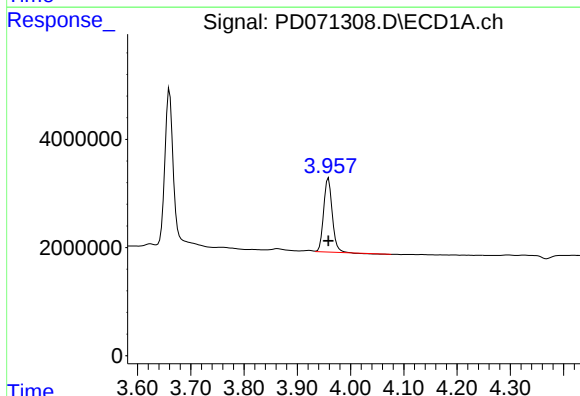
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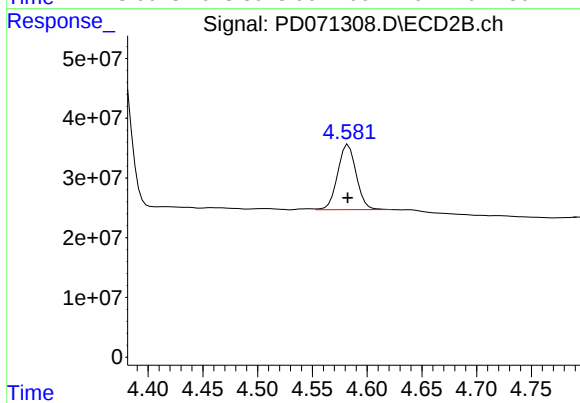
#3 gamma-BHC (Lindane)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 310034772
Conc: 10.35 ng/ml



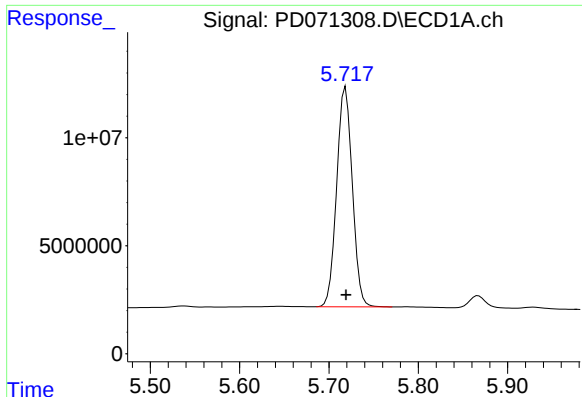
#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 15254033
Conc: 8.93 ng/ml



#6 beta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 128239380
Conc: 10.83 ng/ml



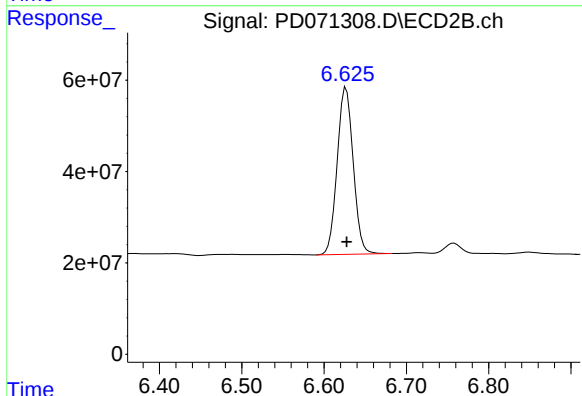
#14 Endrin

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 123713500
Conc: 39.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

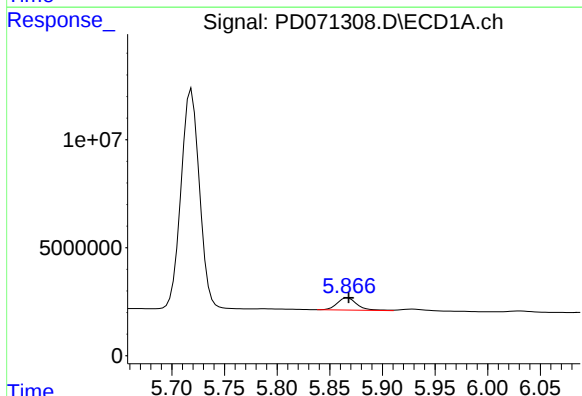
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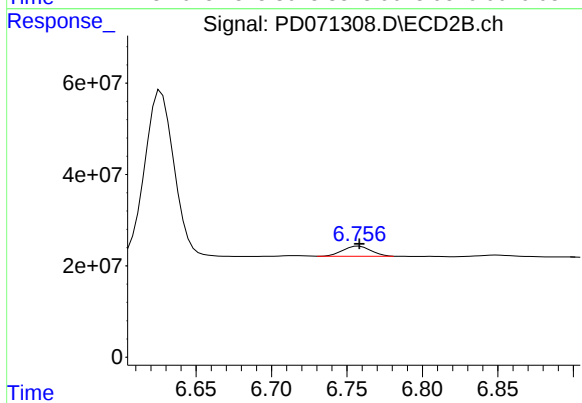
#14 Endrin

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 494891854
Conc: 39.56 ng/ml



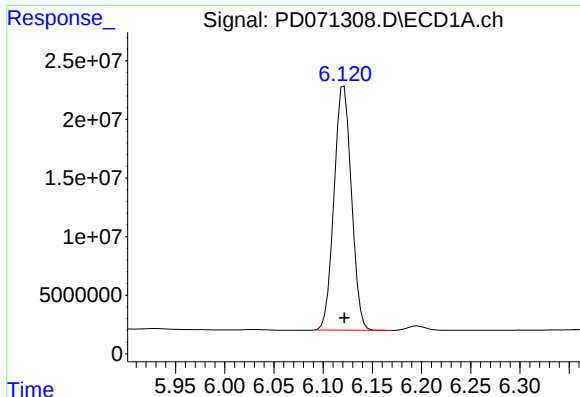
#16 4,4'-DDD

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 7497677
Conc: 2.63 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 28892425
Conc: 2.43 ng/ml m



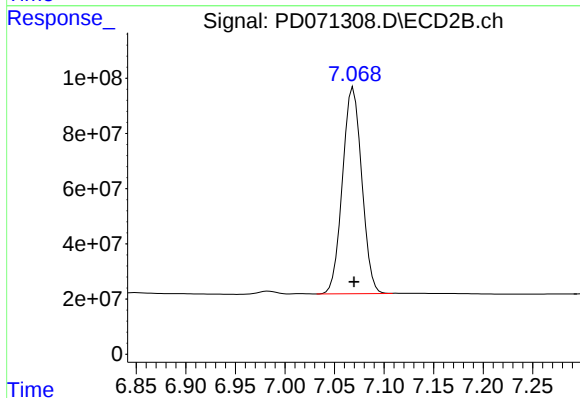
#17 4,4'-DDT

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 256361618
Conc: 86.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

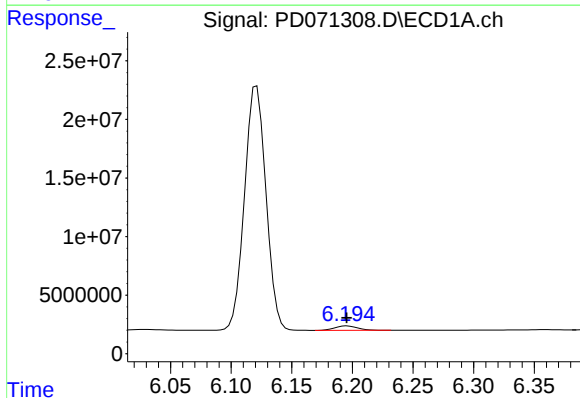
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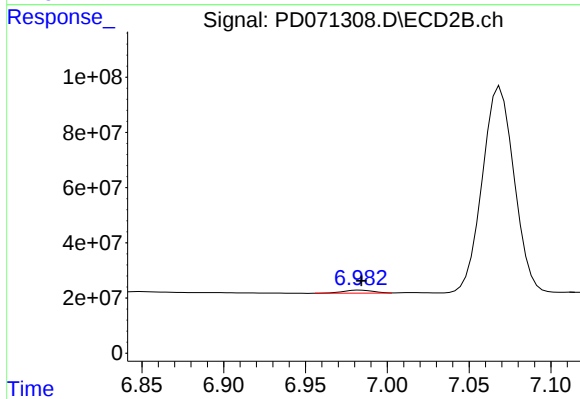
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 1012889996
Conc: 77.66 ng/ml



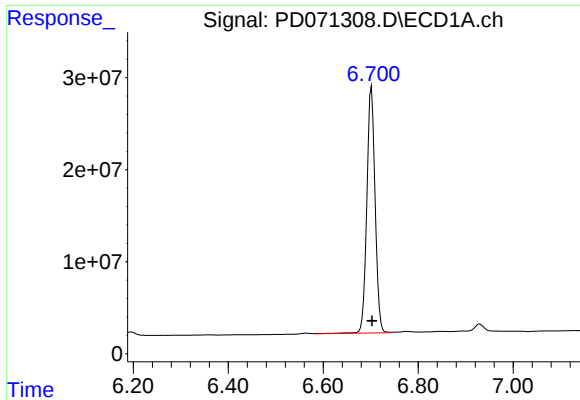
#18 Endrin aldehyde

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 4913890
Conc: 2.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 13923220
Conc: 1.44 ng/ml m



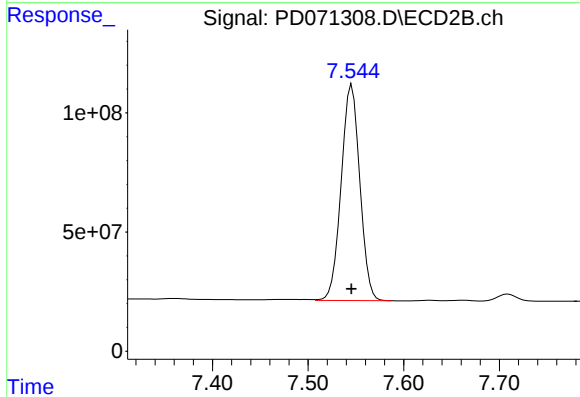
#20 Methoxychlor

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 325508506
Conc: 197.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

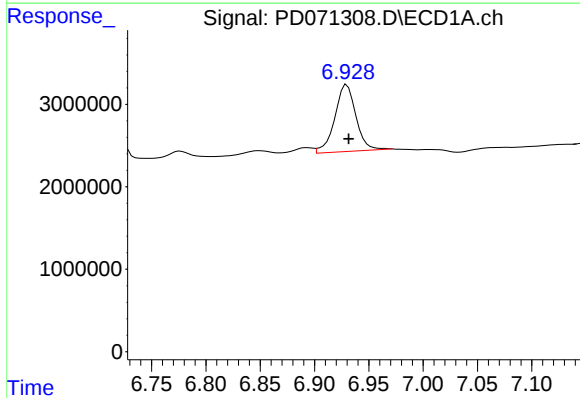
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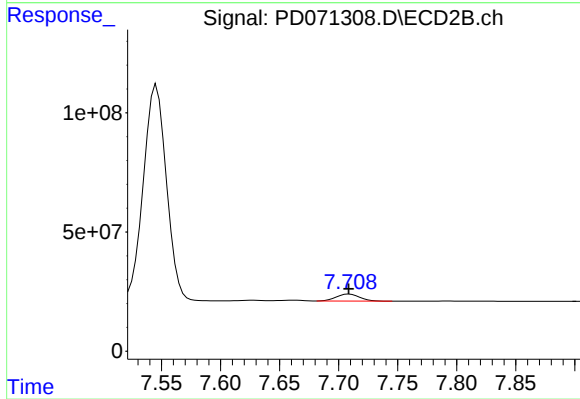
#20 Methoxychlor

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 1229815767
Conc: 178.42 ng/ml



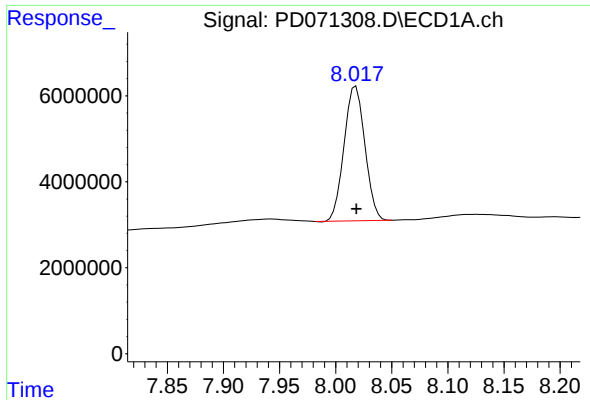
#21 Endrin ketone

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 11283534
Conc: 3.46 ng/ml



#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 40521012
Conc: 3.02 ng/ml



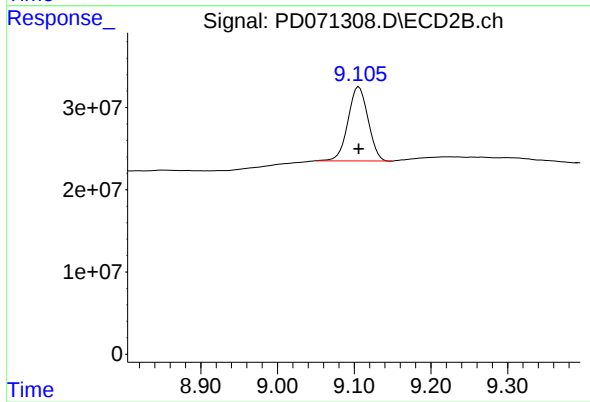
#28 Decachlorobiphenyl

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 40461350
Conc: 14.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 164631411
Conc: 15.90 ng/ml