

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
 Data File : PD071417.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 17:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2022
 Supervised By :Ankita Jodhani 08/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 00:08:44 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...	2.814	3.573	52848861	624.1E6	18.635	22.171
28)	SA Decachlor...	8.015	9.102	51039339	220.4E6	18.402	21.285
Target Compounds							
2)	A alpha-BHC	3.324	4.039	40425680	451.4E6	9.640	12.158 #
3)	MA gamma-BHC...	3.658	4.375	39409223	367.3E6	9.852	12.268
6)	B beta-BHC	3.957	4.581	18205811	151.5E6	10.657	12.790
14)	MA Endrin	5.716	6.626	152.1E6	636.5E6	48.031	50.883
16)	A 4,4'-DDD	5.866	6.757	4653242	11954864	1.632	1.005 #
17)	MA 4,4'-DDT	6.118	7.067	301.3E6	1261.0E6	102.070	96.680
18)	B Endrin al...	6.193	6.980	4609886	12457115	2.091	1.286m#
20)	A Methoxychlor	6.699	7.543	373.9E6	1547.0E6	226.643	224.433
21)	B Endrin ke...	6.927	7.706	8411100	34300490	2.582	2.555

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

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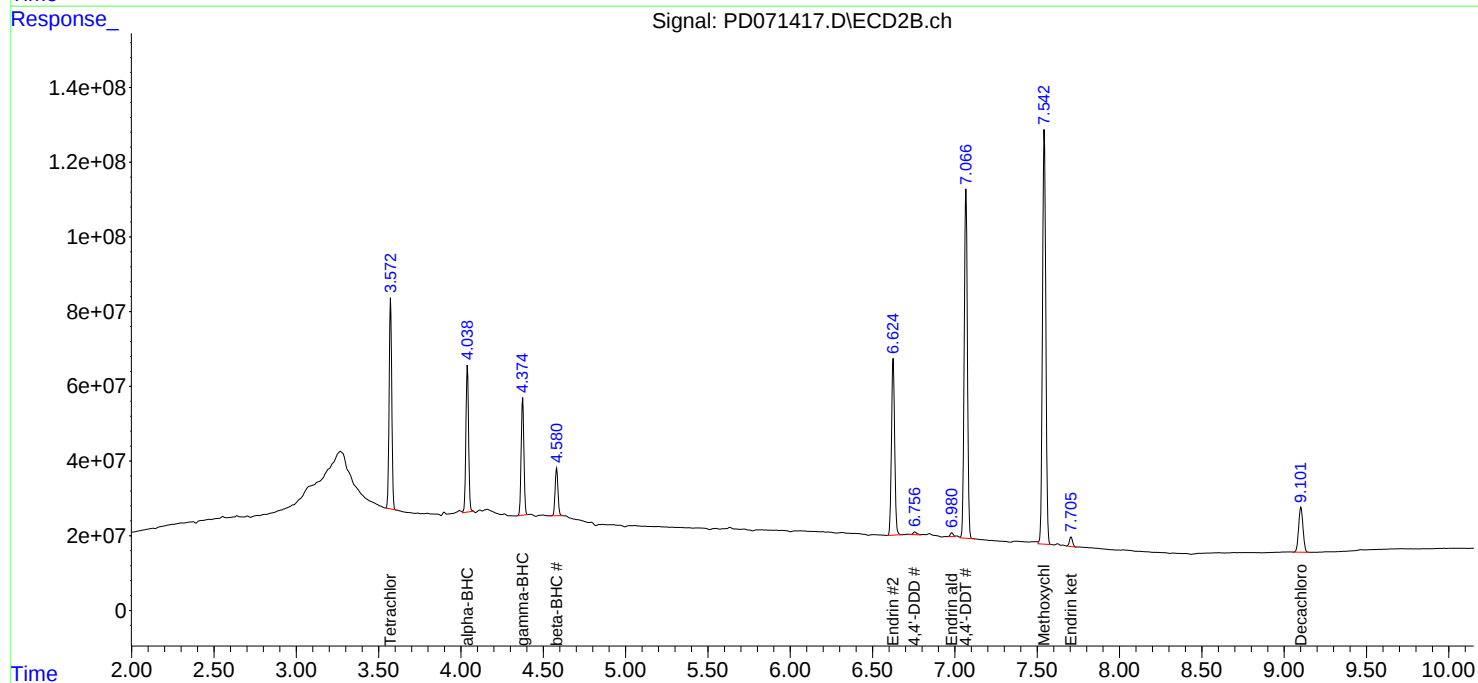
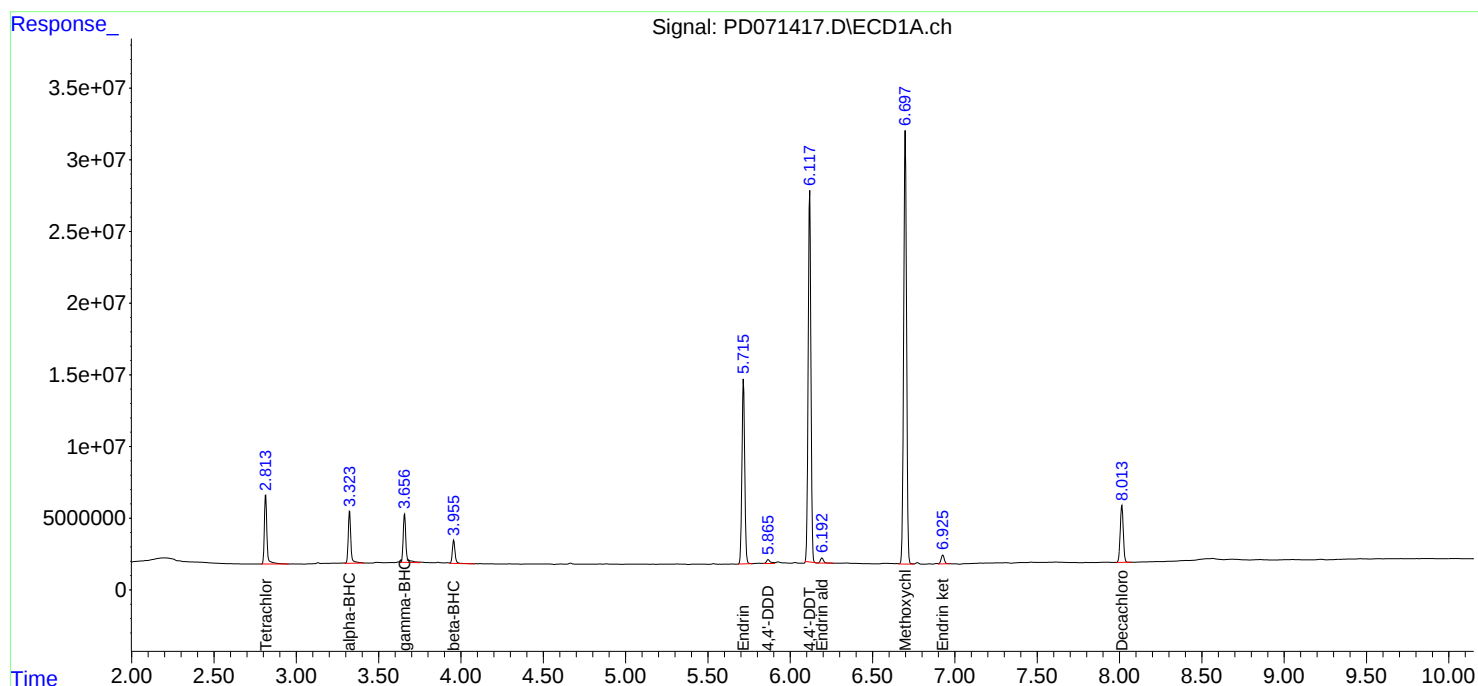
Instrument :
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ClientSampleId :
PEM

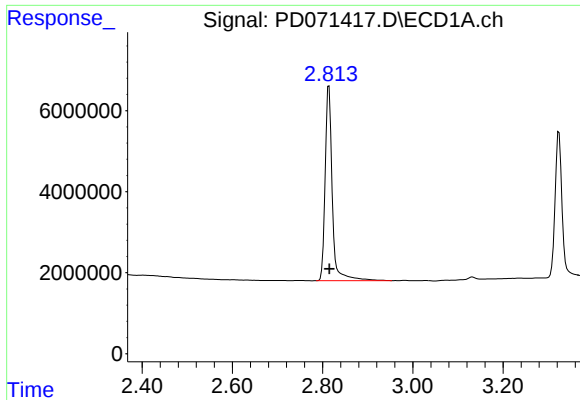
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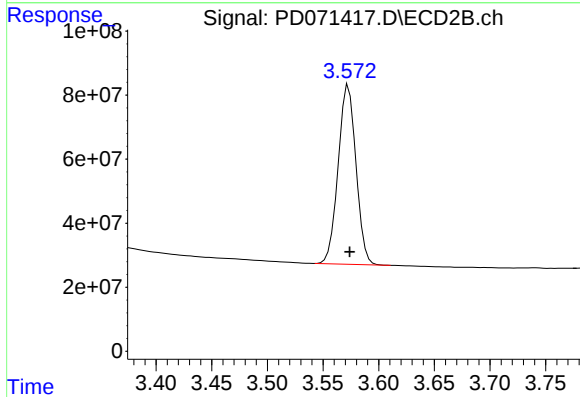
#1 Tetrachloro-m-xylene

R.T.: 2.814 min
Delta R.T.: 0.000 min
Response: 52848861
Conc: 18.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

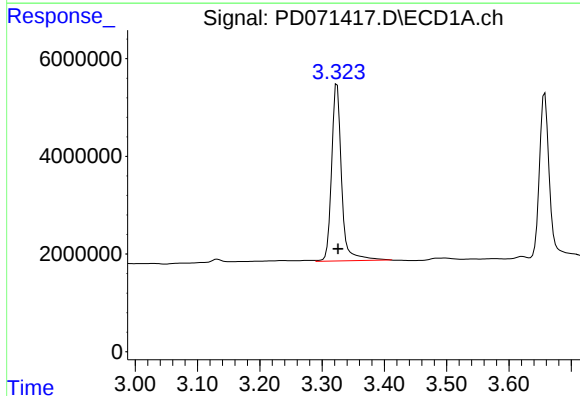
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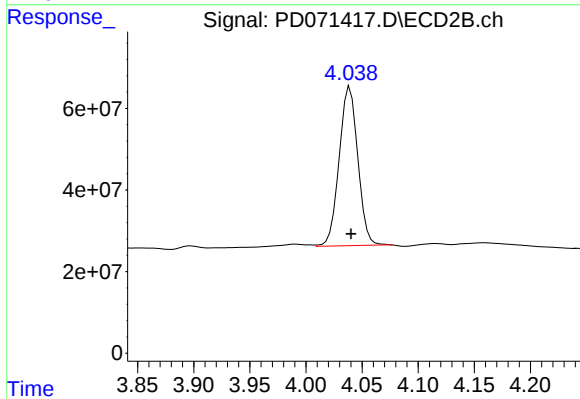
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.000 min
Response: 624112074
Conc: 22.17 ng/ml



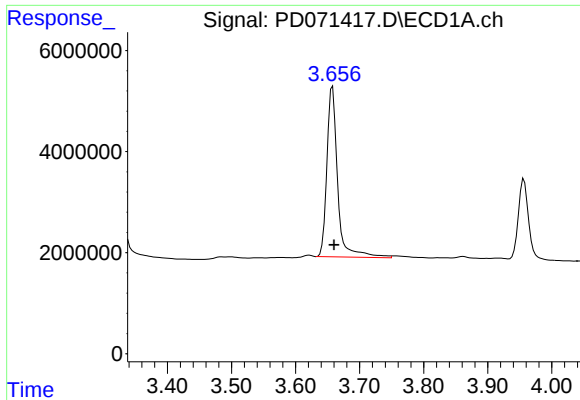
#2 alpha-BHC

R.T.: 3.324 min
Delta R.T.: -0.002 min
Response: 40425680
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 451350084
Conc: 12.16 ng/ml



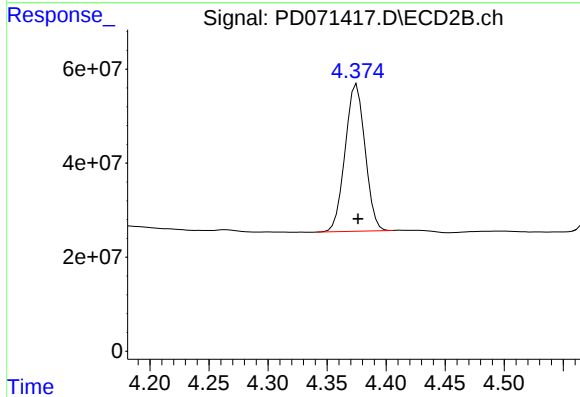
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 39409223
Conc: 9.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

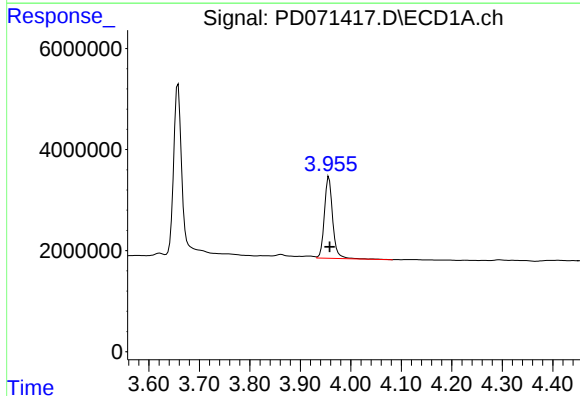
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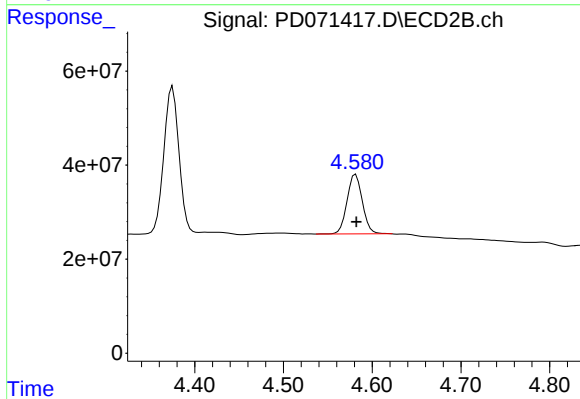
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 367334055
Conc: 12.27 ng/ml



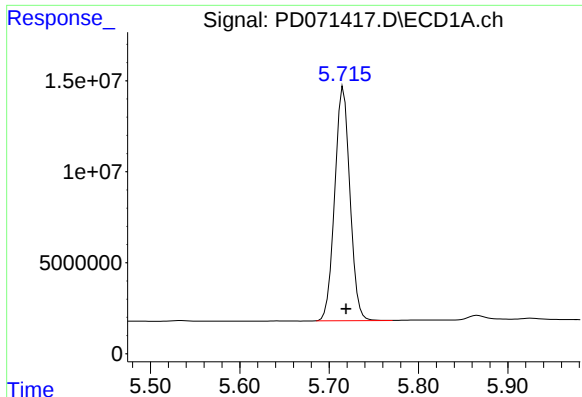
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 18205811
Conc: 10.66 ng/ml



#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 151497887
Conc: 12.79 ng/ml



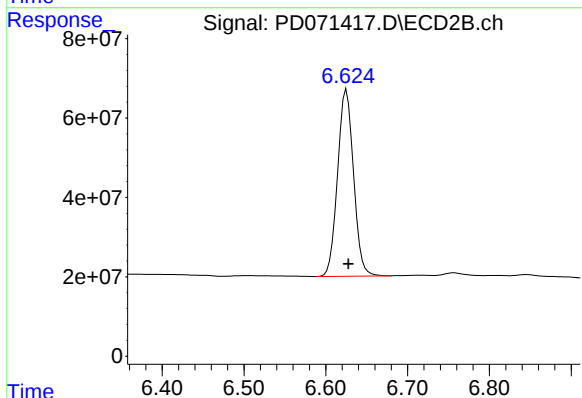
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 152072841
Conc: 48.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

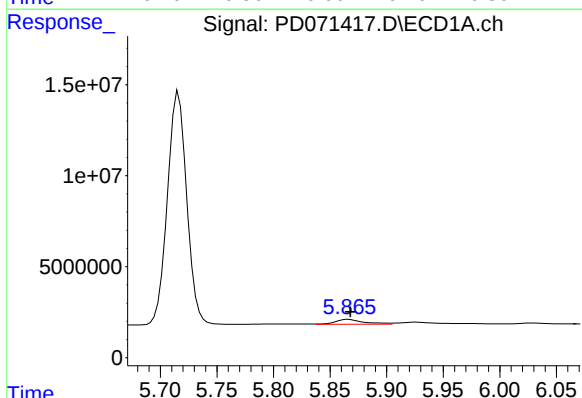
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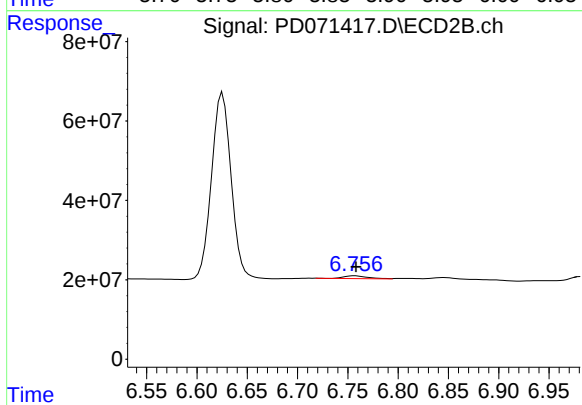
#14 Endrin

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 636475323
Conc: 50.88 ng/ml



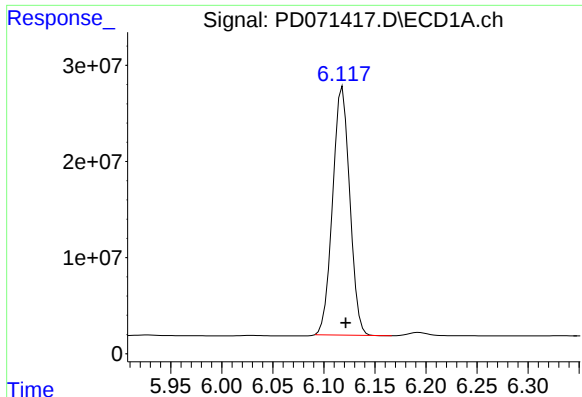
#16 4,4'-DDD

R.T.: 5.866 min
Delta R.T.: -0.002 min
Response: 4653242
Conc: 1.63 ng/ml



#16 4,4'-DDD

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 11954864
Conc: 1.01 ng/ml



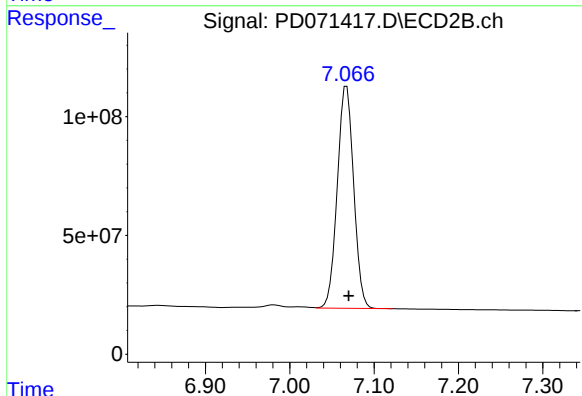
#17 4,4'-DDT

R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 301285177
Conc: 102.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

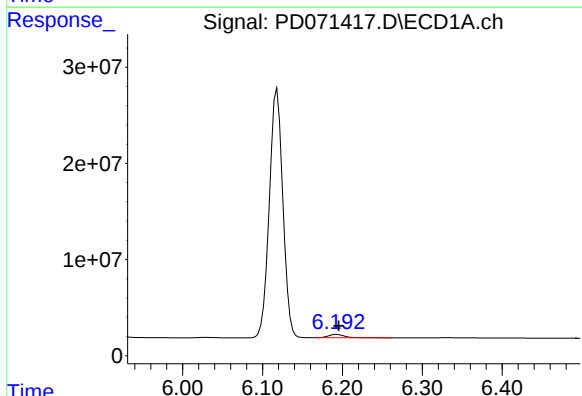
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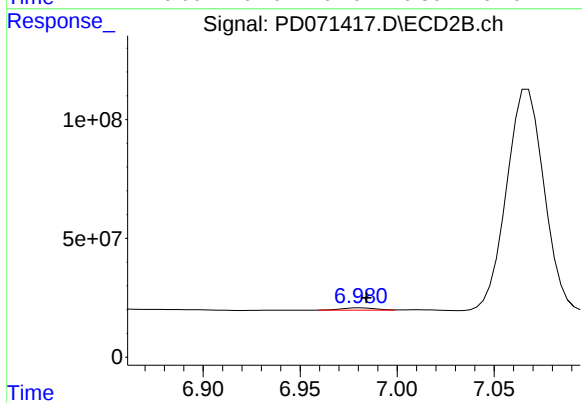
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 1261005323
Conc: 96.68 ng/ml



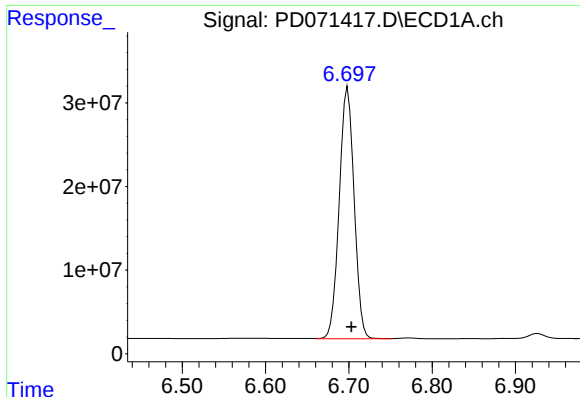
#18 Endrin aldehyde

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 4609886
Conc: 2.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.980 min
Delta R.T.: -0.004 min
Response: 12457115
Conc: 1.29 ng/ml m



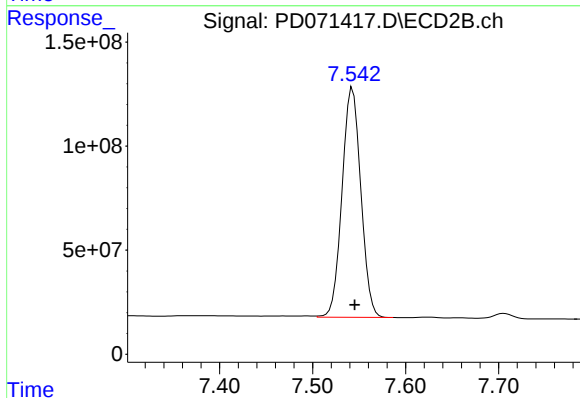
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 373851685
Conc: 226.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

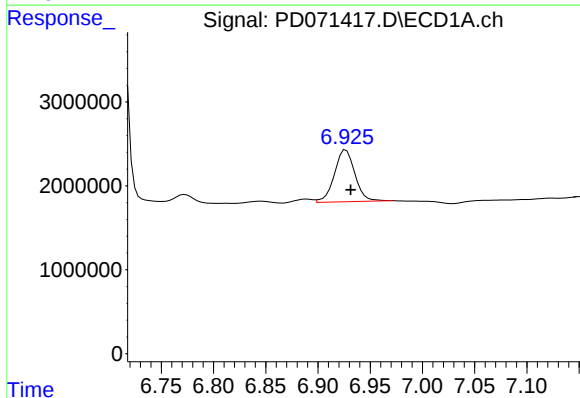
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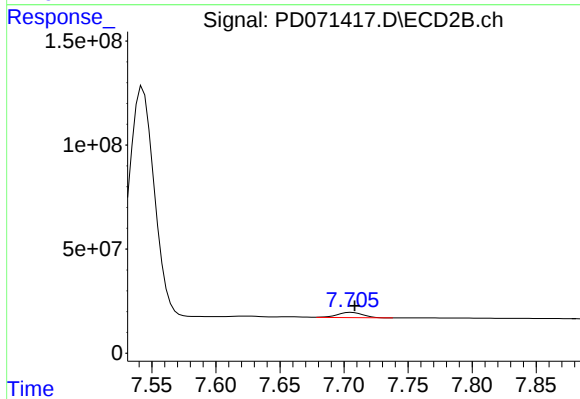
#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: -0.002 min
Response: 1546953977
Conc: 224.43 ng/ml



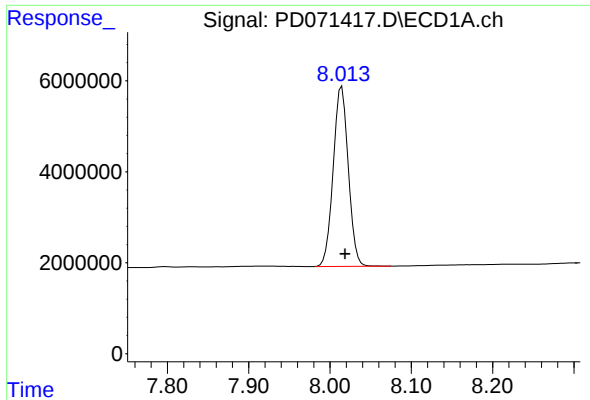
#21 Endrin ketone

R.T.: 6.927 min
Delta R.T.: -0.005 min
Response: 8411100
Conc: 2.58 ng/ml



#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.003 min
Response: 34300490
Conc: 2.56 ng/ml



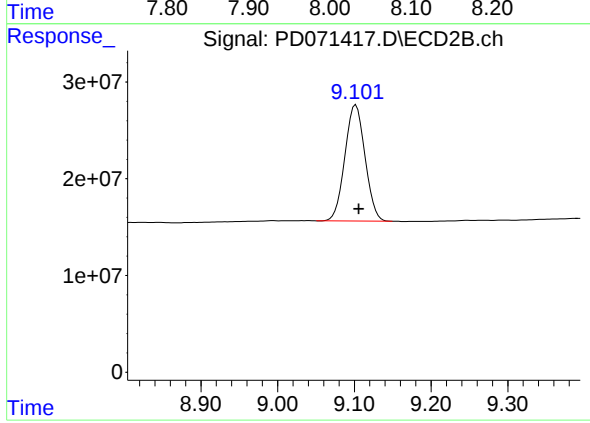
#28 Decachlorobiphenyl

R.T.: 8.015 min
Delta R.T.: -0.004 min
Response: 51039339
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.004 min
Response: 220356415
Conc: 21.29 ng/ml