

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072622\
 Data File : PD071147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2022 19:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2022
 Supervised By : Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 03:40:15 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...	2.815	3.574	64853085	653.7E6	22.868	23.222
28)	SA Decachlor...	8.018	9.105	62502883	238.8E6	22.536	23.064
Target Compounds							
2)	A alpha-BHC	3.326	4.039	48325985	463.7E6	11.524	12.491m
3)	MA gamma-BHC...	3.659	4.376	43667813	390.9E6	10.917m	13.054
6)	B beta-BHC	3.958	4.583	20409583	159.5E6	11.947	13.468
14)	MA Endrin	5.719	6.627	176.7E6	616.4E6	55.817	49.282
16)	A 4,4'-DDD	5.869	6.755	1914112	2181505	0.671m	0.183m#
17)	MA 4,4'-DDT	6.122	7.070	362.8E6	1428.1E6	122.907	109.490
18)	B Endrin al...	6.197	6.982	4026890	9166190	1.827	0.946m#
20)	A Methoxychlor	6.702	7.545	483.9E6	1783.2E6	293.351	258.711
21)	B Endrin ke...	6.930	7.708	12374832	38648725	3.799	2.879

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

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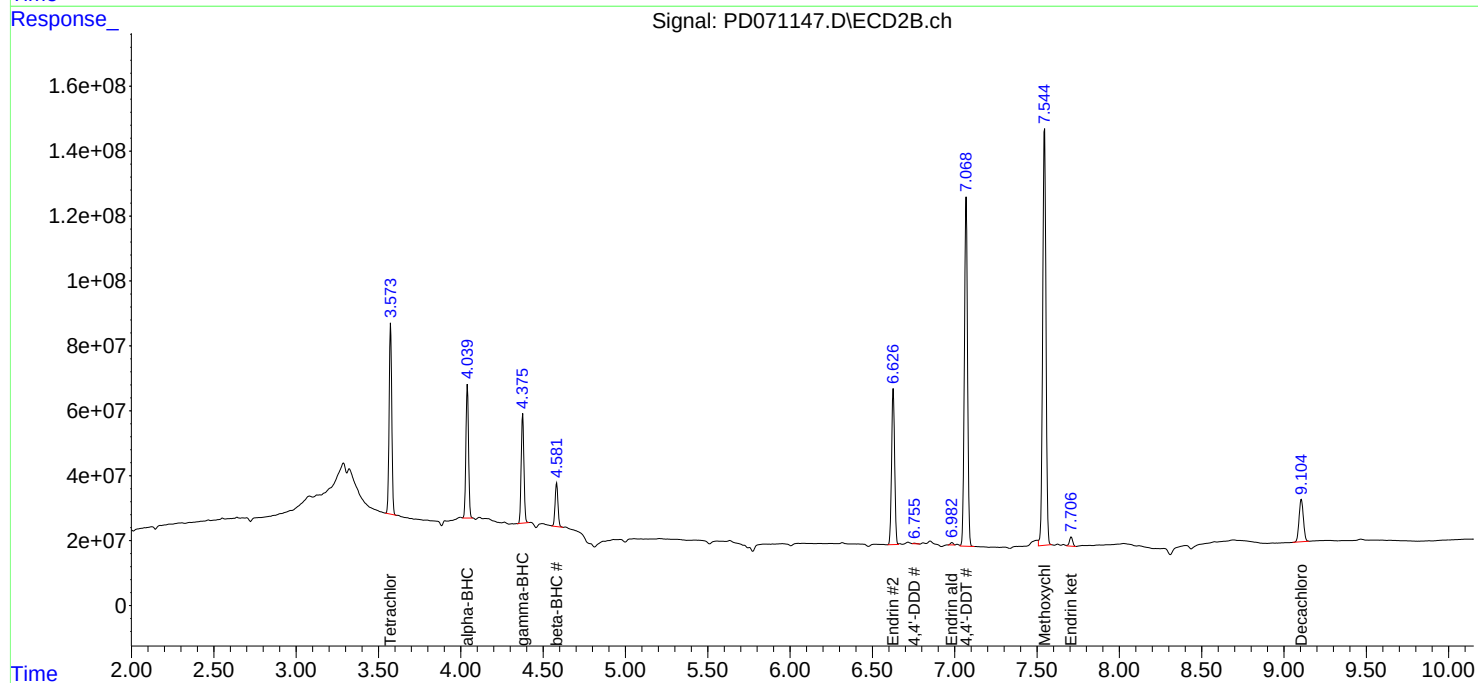
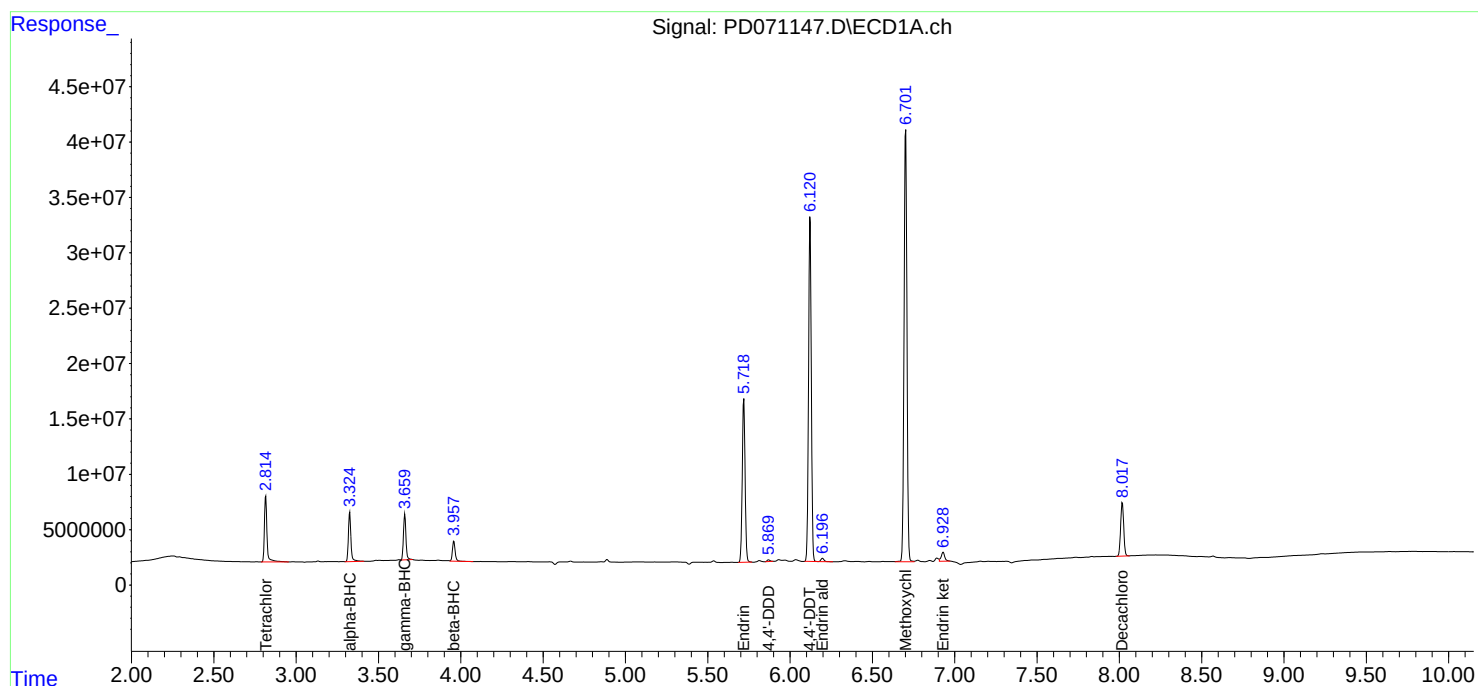
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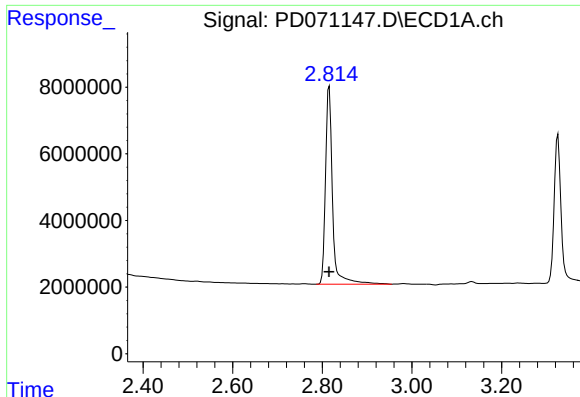
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Integration File signal 1: autoint1.e
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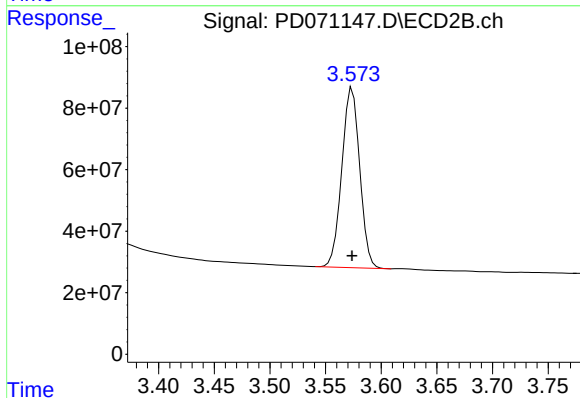
#1 Tetrachloro-m-xylene

R.T.: 2.815 min
Delta R.T.: 0.000 min
Response: 64853085
Conc: 22.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

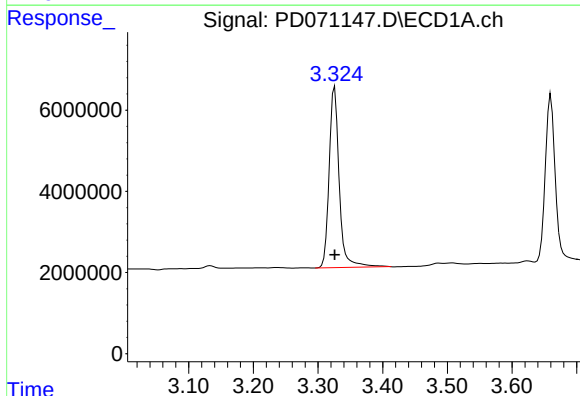
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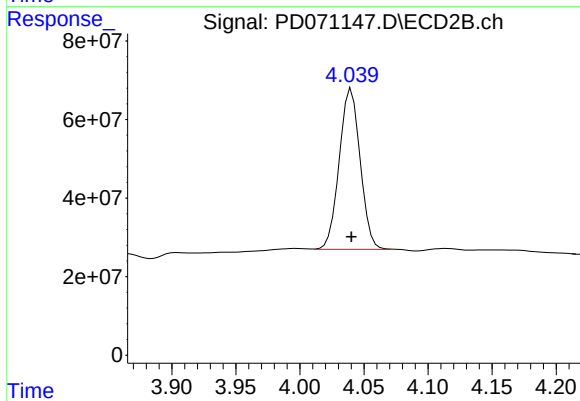
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 653683705
Conc: 23.22 ng/ml



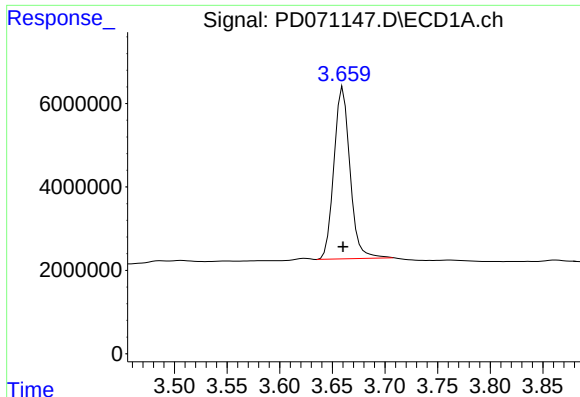
#2 alpha-BHC

R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 48325985
Conc: 11.52 ng/ml



#2 alpha-BHC

R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 463703970
Conc: 12.49 ng/ml m



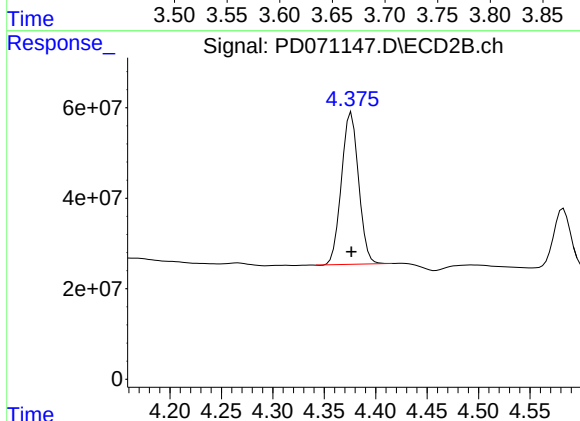
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 43667813
Conc: 10.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

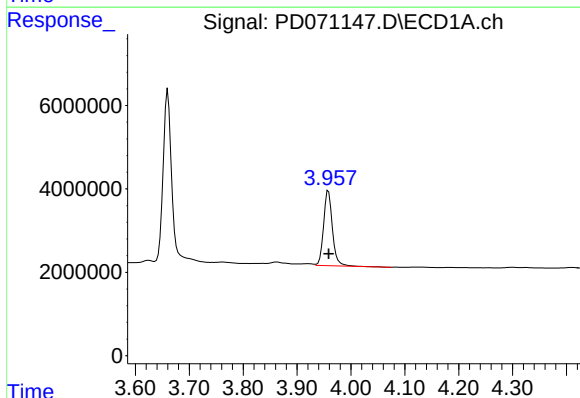
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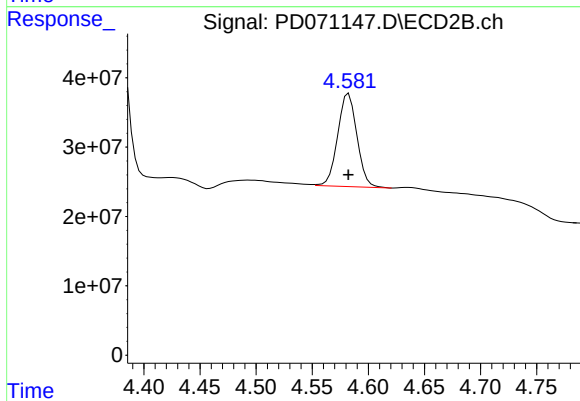
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 390877535
Conc: 13.05 ng/ml



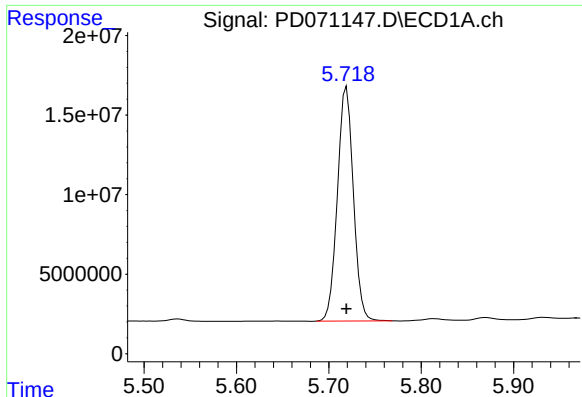
#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 20409583
Conc: 11.95 ng/ml



#6 beta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 159526952
Conc: 13.47 ng/ml



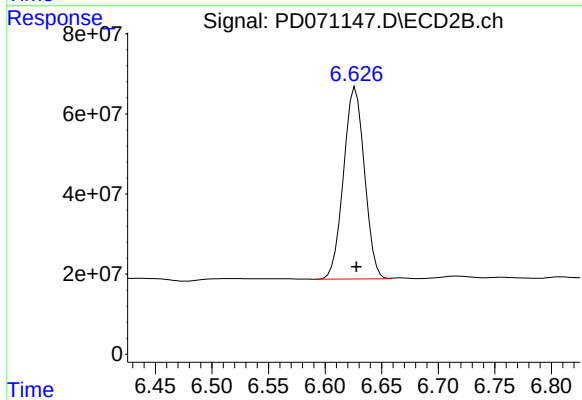
#14 Endrin

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 176724496
Conc: 55.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

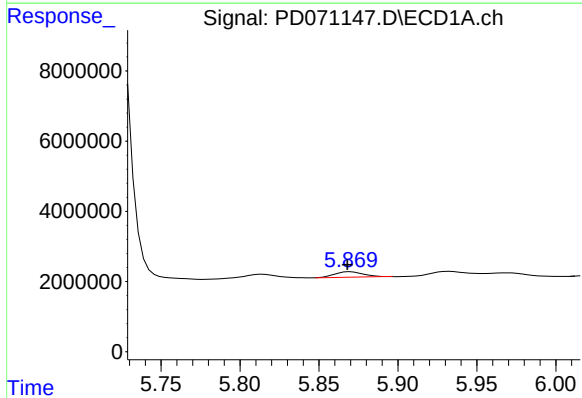
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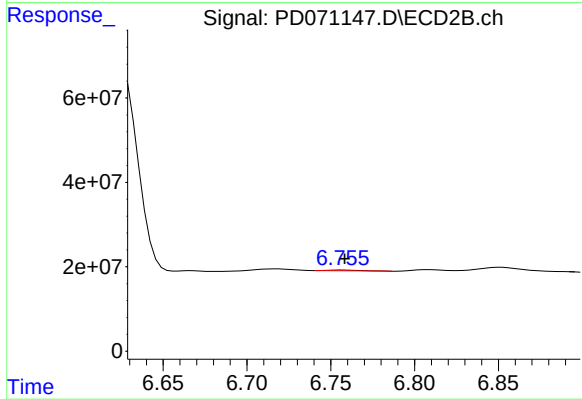
#14 Endrin

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 616447673
Conc: 49.28 ng/ml



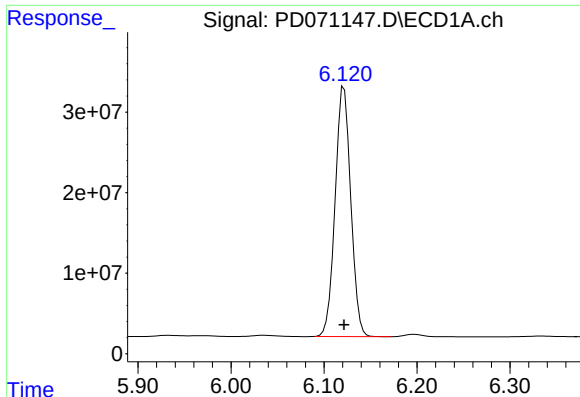
#16 4,4'-DDD

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 1914112
Conc: 0.67 ng/ml m



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 2181505
Conc: 0.18 ng/ml m



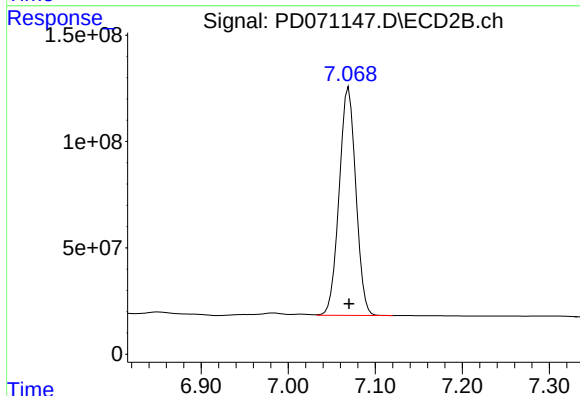
#17 4,4'-DDT

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 362789822
Conc: 122.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

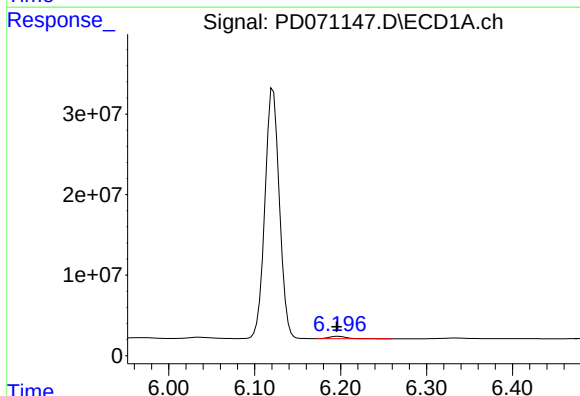
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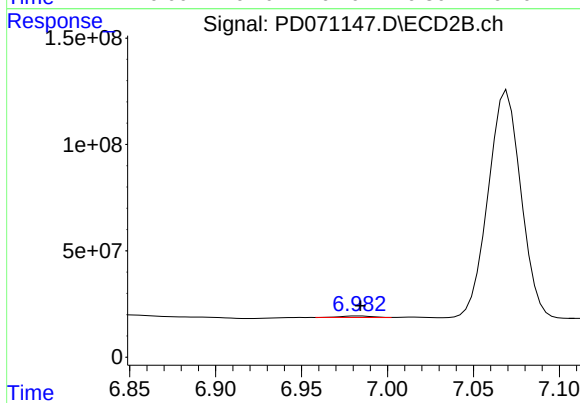
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 1428080902
Conc: 109.49 ng/ml



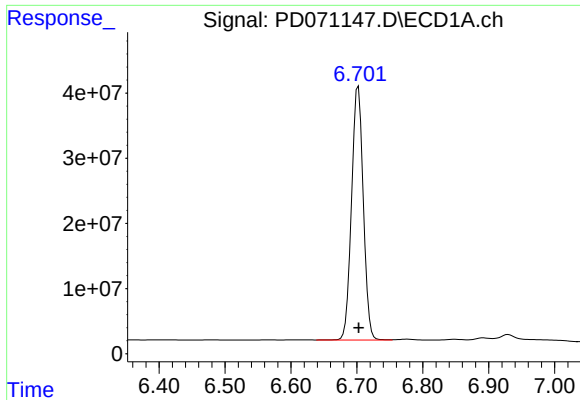
#18 Endrin aldehyde

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 4026890
Conc: 1.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 9166190
Conc: 0.95 ng/ml m



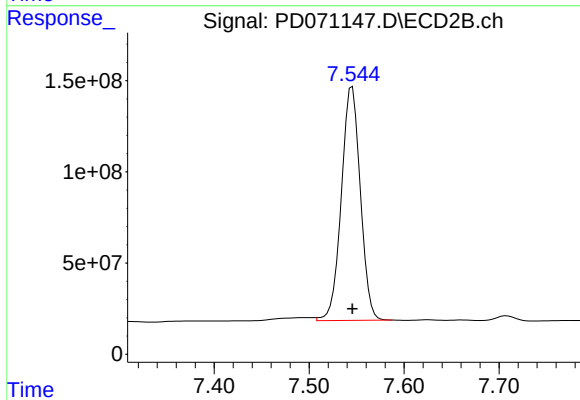
#20 Methoxychlor

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 483886986
Conc: 293.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

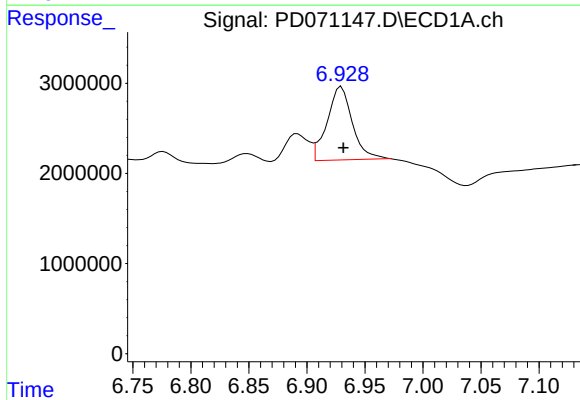
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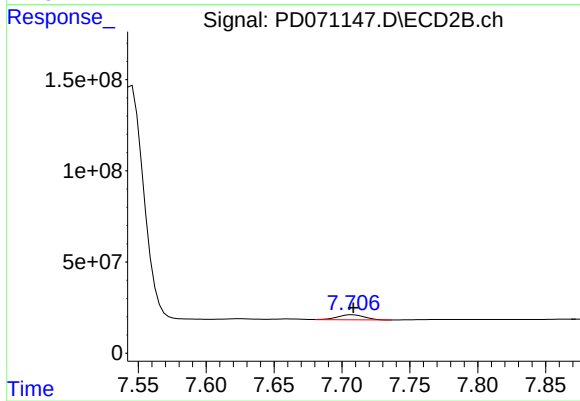
#20 Methoxychlor

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 1783224348
Conc: 258.71 ng/ml



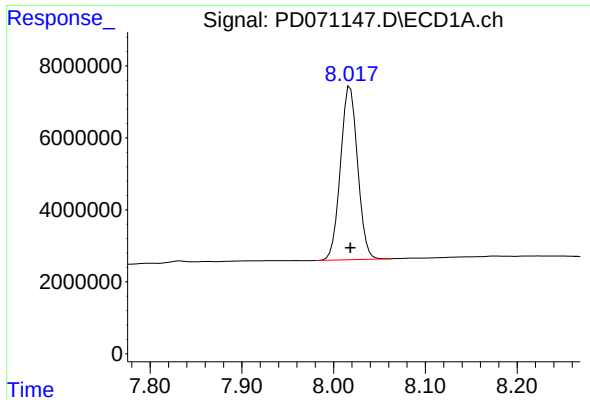
#21 Endrin ketone

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 12374832
Conc: 3.80 ng/ml



#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 38648725
Conc: 2.88 ng/ml



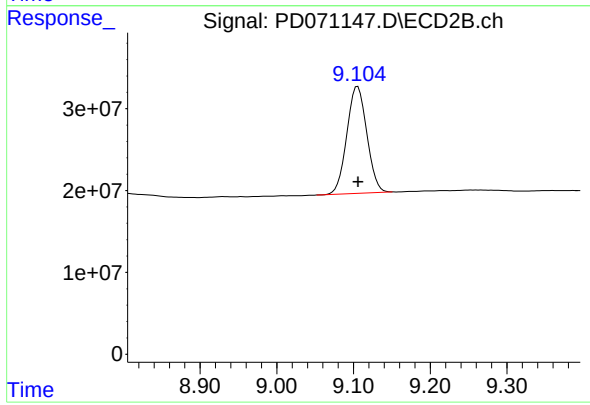
#28 Decachlorobiphenyl

R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 62502883
Conc: 22.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.000 min
Response: 238776448
Conc: 23.06 ng/ml