

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091922\
 Data File : PD071929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 15:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2022
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 01:04:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.803	3.562	54922957	696.2E6	22.461	24.261
28)	SA Decachlor...	7.993	9.087	51433720	222.1E6	20.416	23.885
Target Compounds							
2)	A alpha-BHC	3.311	4.028	40310653	515.7E6	10.460m	12.850
3)	MA gamma-BHC...	3.646	4.363	37480701	437.2E6	10.675	13.315
6)	B beta-BHC	3.944	4.569	18138339	177.3E6	11.972	13.415m
14)	MA Endrin	5.699	6.613	143.2E6	679.5E6	48.342	53.801
16)	A 4,4'-DDD	5.848	6.745	2657882	19527498	1.048	1.643 #
17)	MA 4,4'-DDT	6.100	7.056	283.2E6	1301.6E6	107.607	105.363
18)	B Endrin al...	6.175	6.970	5524817	23857352	2.498	2.471
20)	A Methoxychlor	6.680	7.532	365.4E6	1546.8E6	244.028	254.447
21)	B Endrin ke...	6.908	7.694	8117225	39888126	2.705	3.207

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

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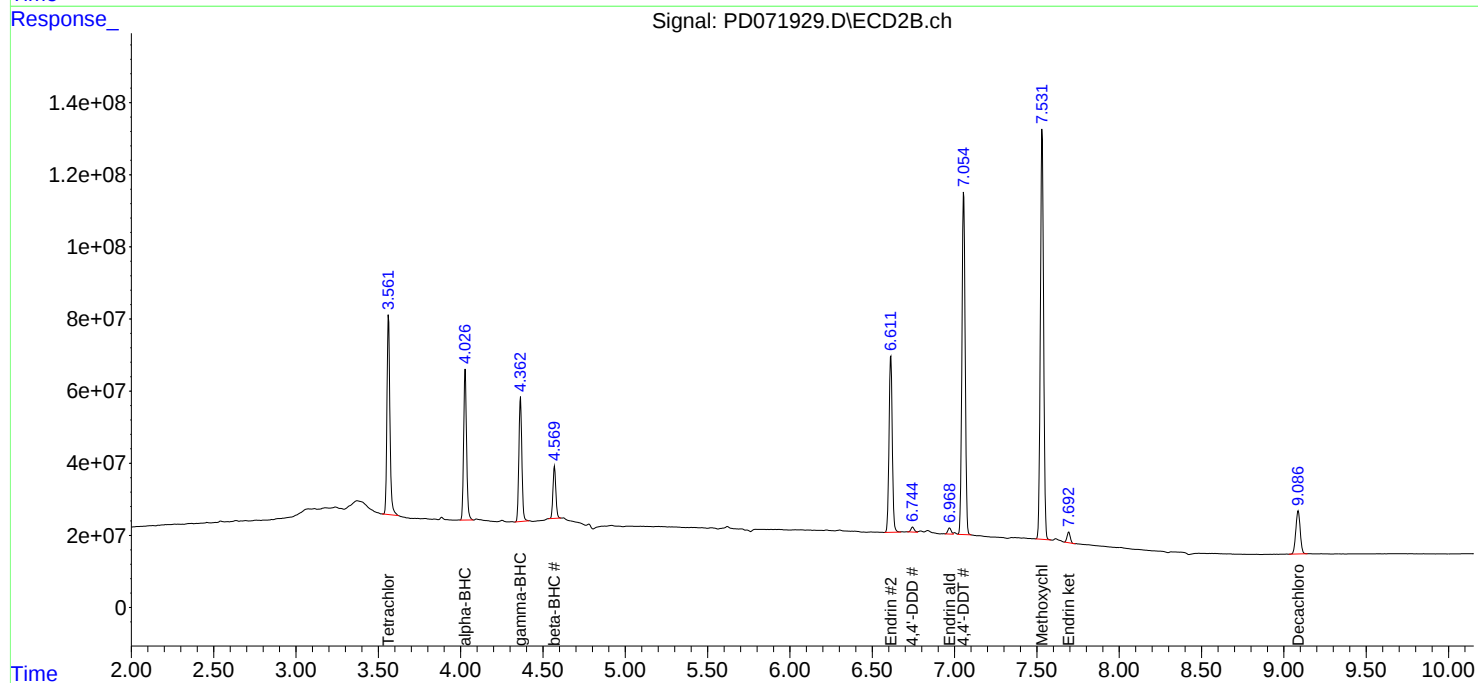
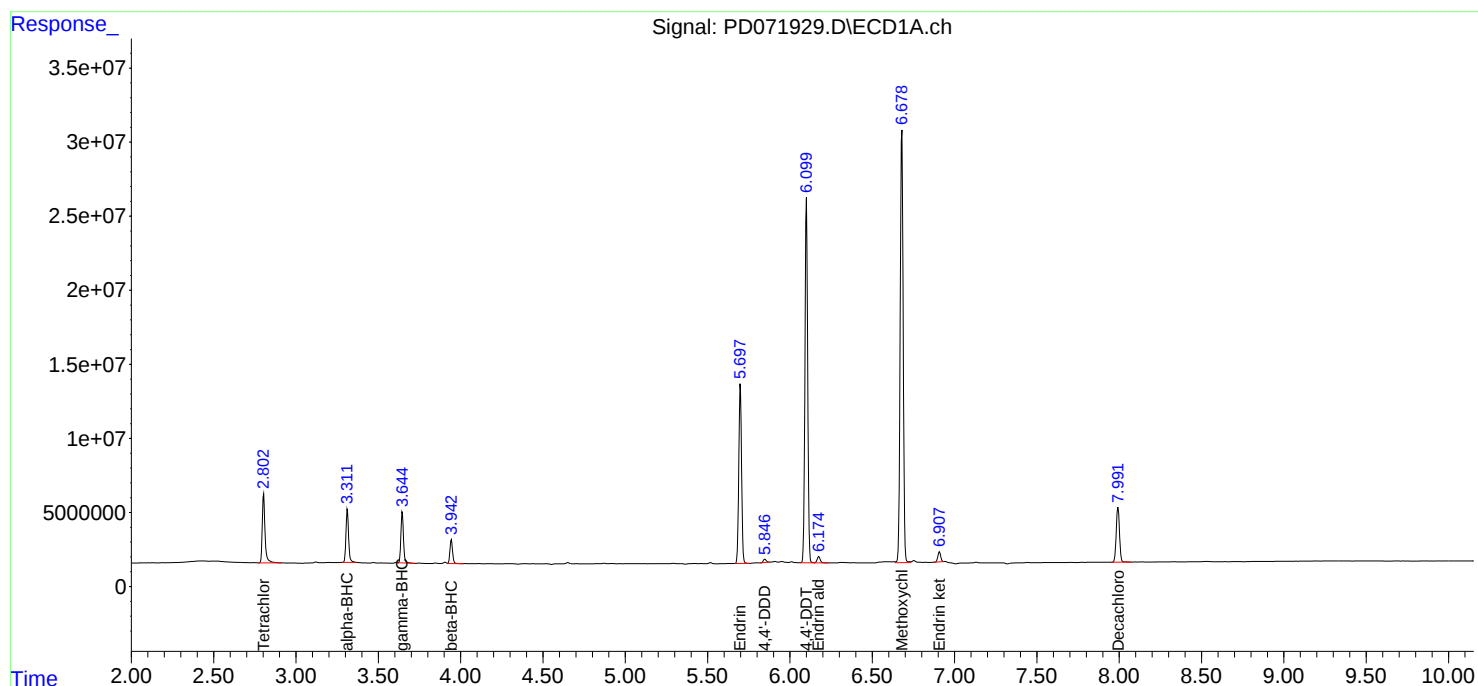
Instrument :
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ClientSampleId :
PEM

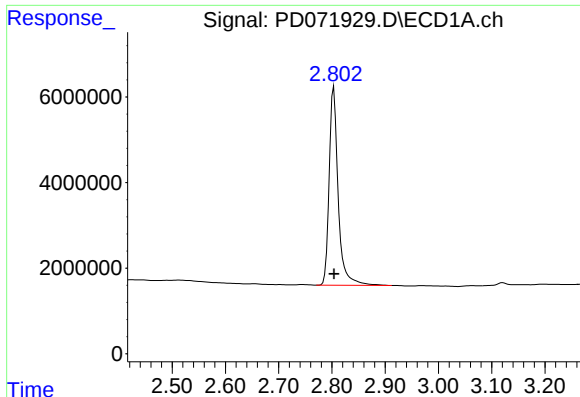
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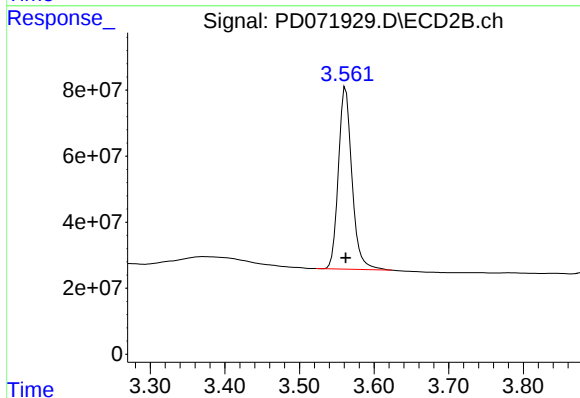
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: 0.000 min
Response: 54922957
Conc: 22.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

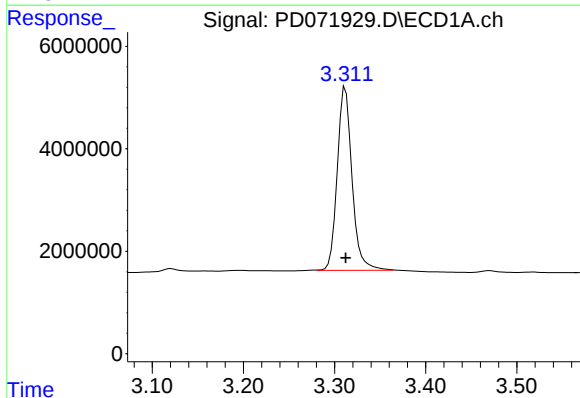
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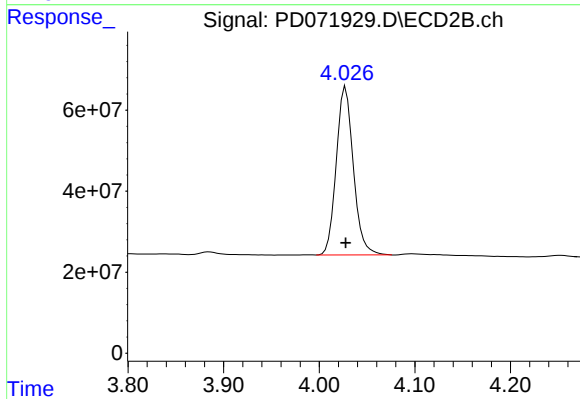
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 696190557
Conc: 24.26 ng/ml



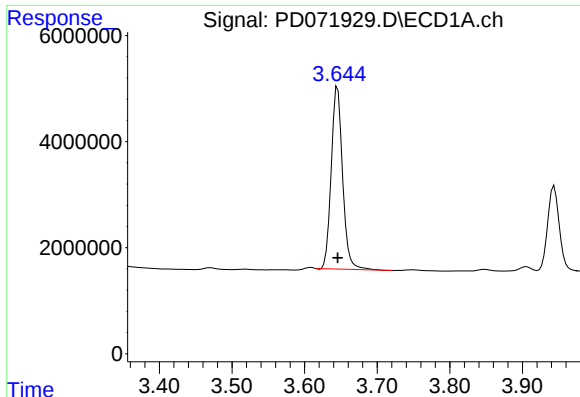
#2 alpha-BHC

R.T.: 3.311 min
Delta R.T.: -0.002 min
Response: 40310653
Conc: 10.46 ng/ml m



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 515664018
Conc: 12.85 ng/ml



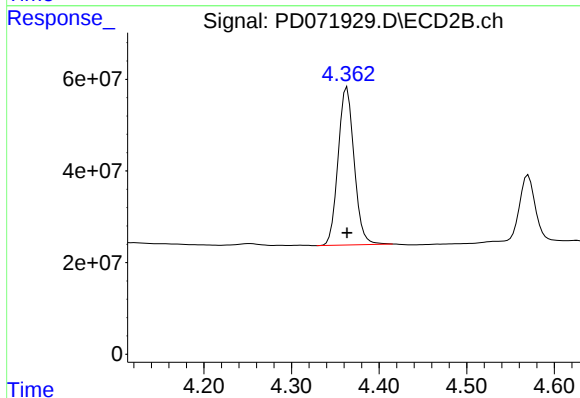
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 37480701
Conc: 10.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

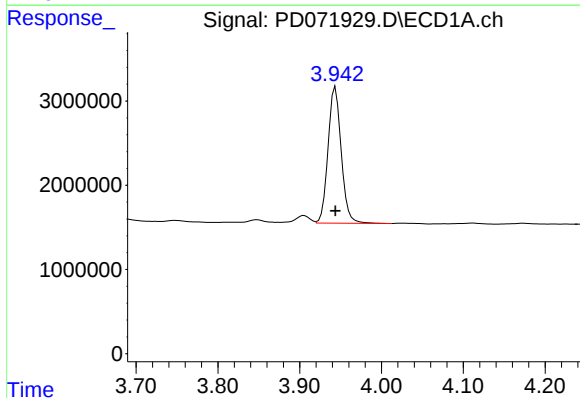
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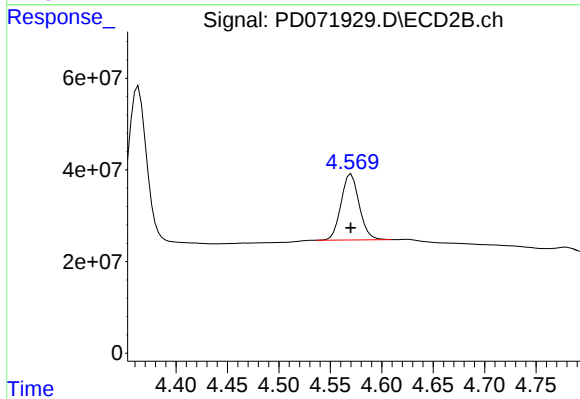
#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 437162343
Conc: 13.31 ng/ml



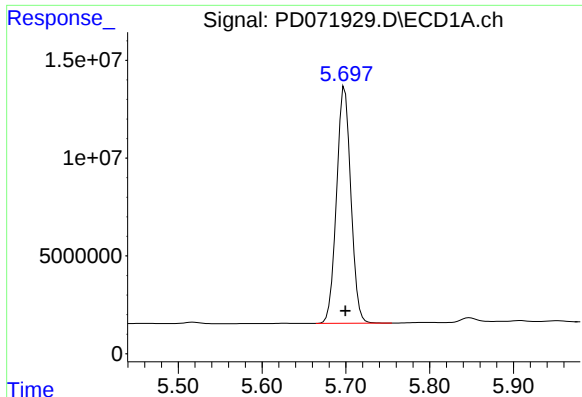
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 18138339
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 177304868
Conc: 13.42 ng/ml m



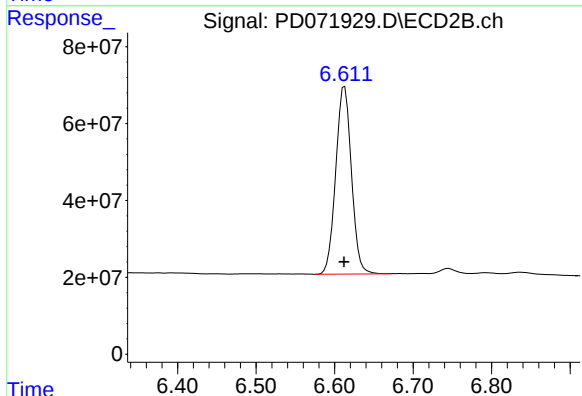
#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 143226957
Conc: 48.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

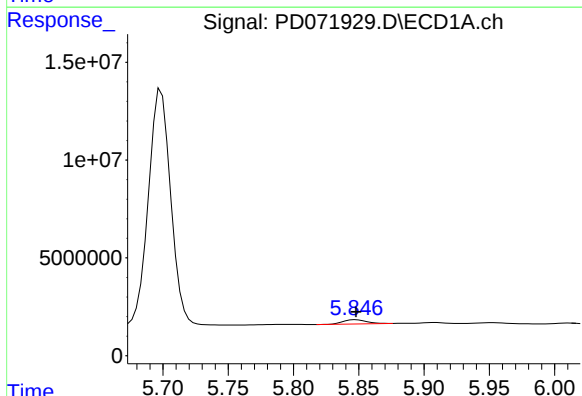
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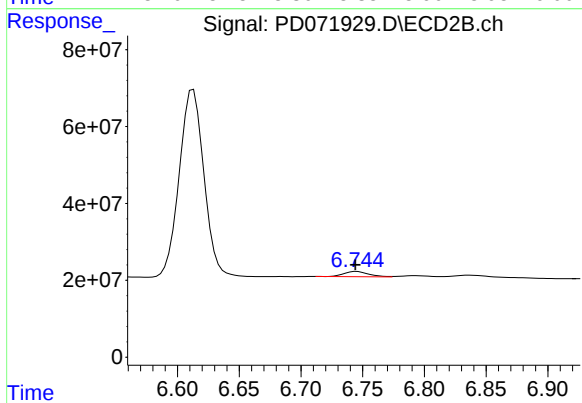
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 679528765
Conc: 53.80 ng/ml



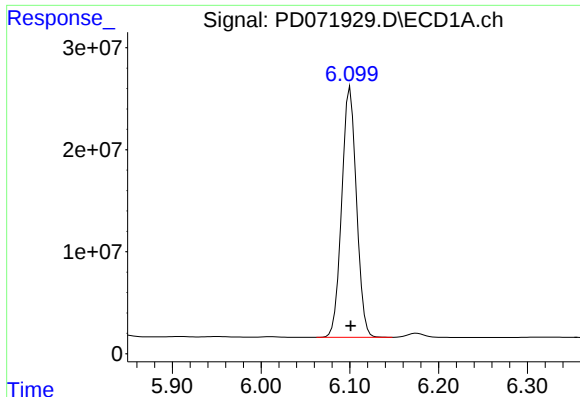
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 2657882
Conc: 1.05 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 19527498
Conc: 1.64 ng/ml



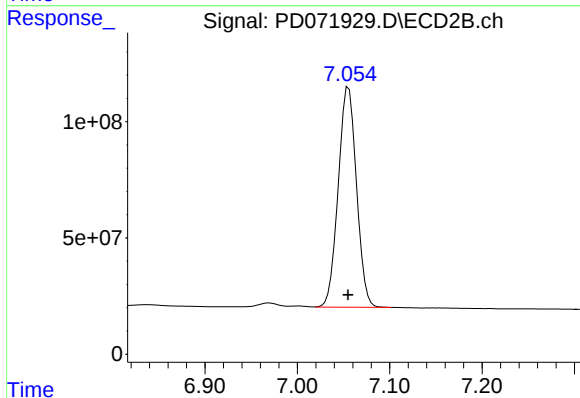
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 283220736
Conc: 107.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

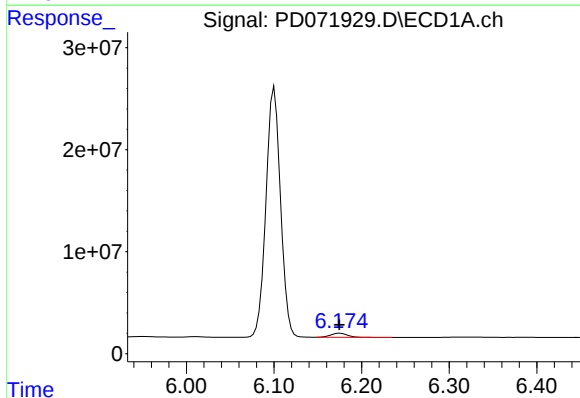
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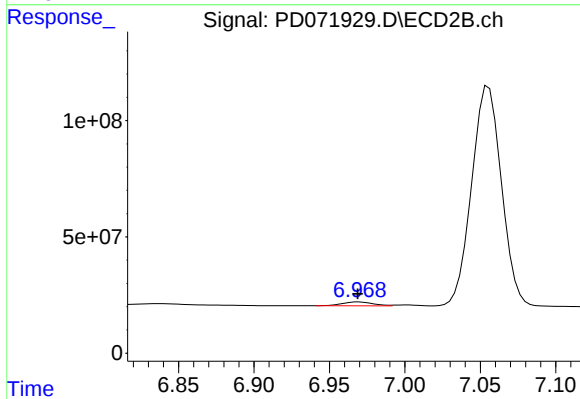
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1301630237
Conc: 105.36 ng/ml



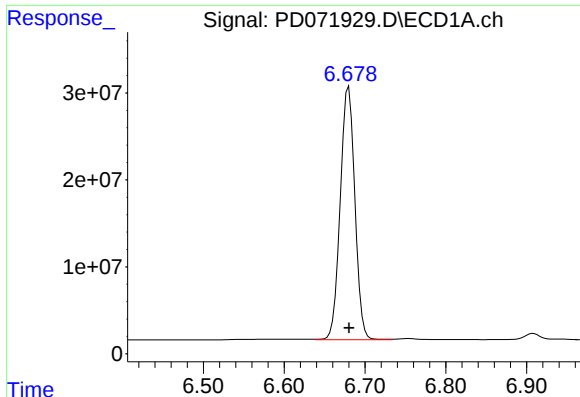
#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 5524817
Conc: 2.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.000 min
Response: 23857352
Conc: 2.47 ng/ml



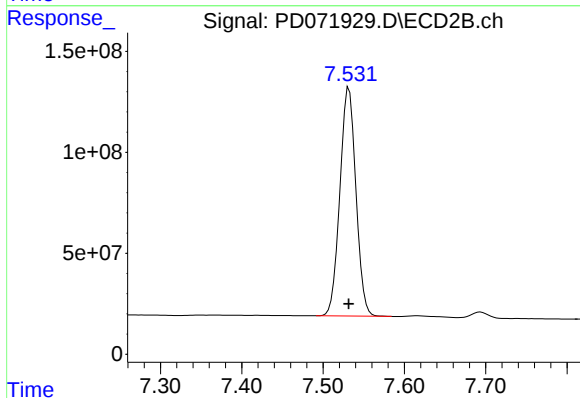
#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 365396016
Conc: 244.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

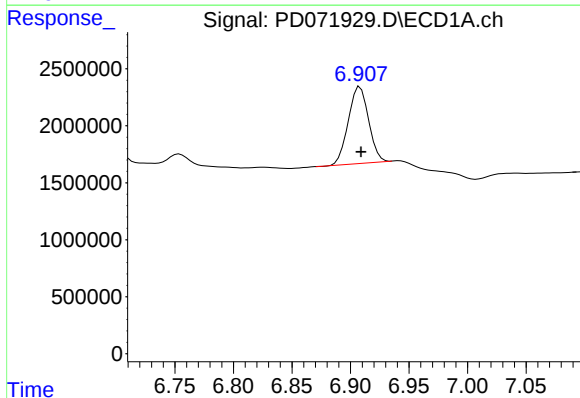
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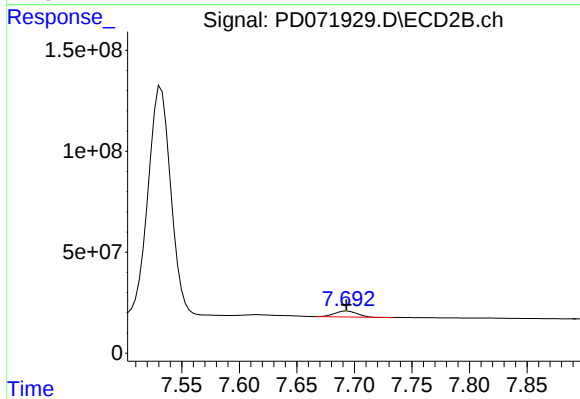
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 1546814222
Conc: 254.45 ng/ml



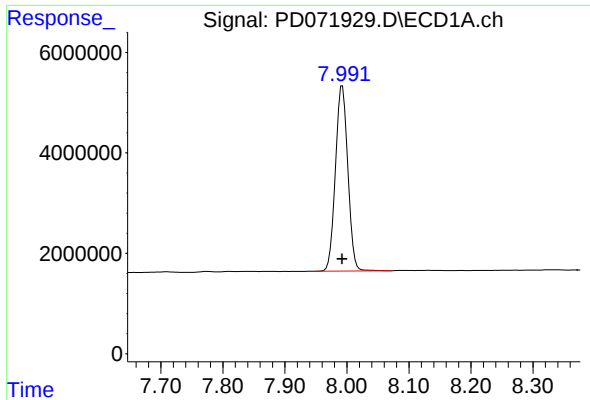
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 8117225
Conc: 2.71 ng/ml



#21 Endrin ketone

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 39888126
Conc: 3.21 ng/ml



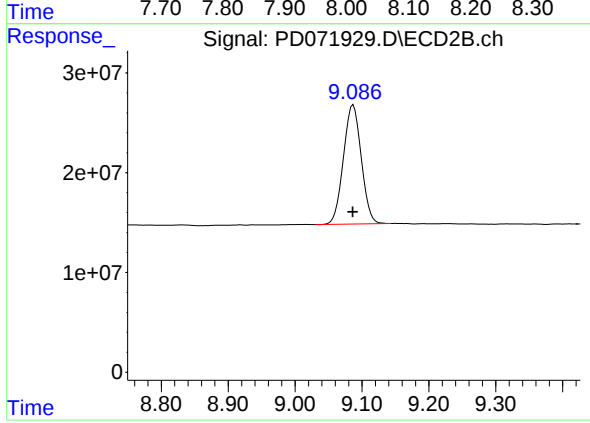
#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: 0.000 min
Response: 51433720
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 222060097
Conc: 23.88 ng/ml