

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060422\
 Data File : PD070031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 17:49
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2022
 Supervised By : Ankita Jodhani 06/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 00:39:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 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...	3.442	4.169	21054800	201.8E6	19.784	22.906
28)	SA Decachlor...	8.195	9.364	21987276	122.1E6	20.158	22.583
Target Compounds							
2)	A alpha-BHC	3.881	4.565	14857683	150.9E6	9.067	11.523 #
3)	MA gamma-BHC...	4.164	4.856	17525509	142.8E6	10.154	11.577
6)	B beta-BHC	4.415	5.020	7778527	67656412	11.176	12.880
12)	B 4,4'-DDE	5.600	6.544	290027	2603978	0.229m	0.288m#
14)	MA Endrin	5.992	6.925	56582100	375.3E6	49.003	55.608
16)	A 4,4'-DDD	6.119	7.037	3729237	31332487	3.447	4.231
17)	MA 4,4'-DDT	6.359	7.340	96817704	693.2E6	97.690	94.724
18)	B Endrin al...	6.435	7.254	715423	2771332	0.833	0.483m#
20)	A Methoxychlor	6.909	7.793	133.6E6	830.8E6	235.538	232.996
21)	B Endrin ke...	7.141	7.957	1705201	14367919	1.280	1.805 #

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

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ALS Vial : 3 Sample Multiplier: 1

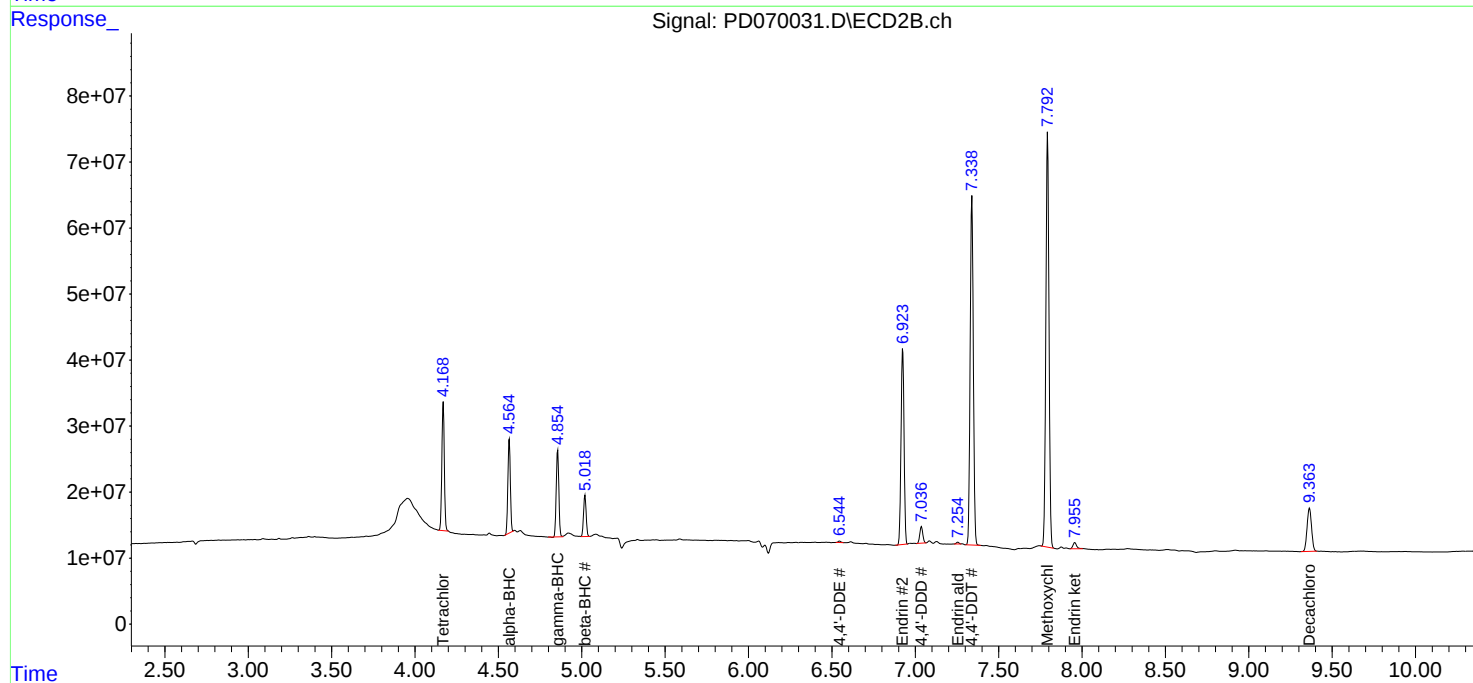
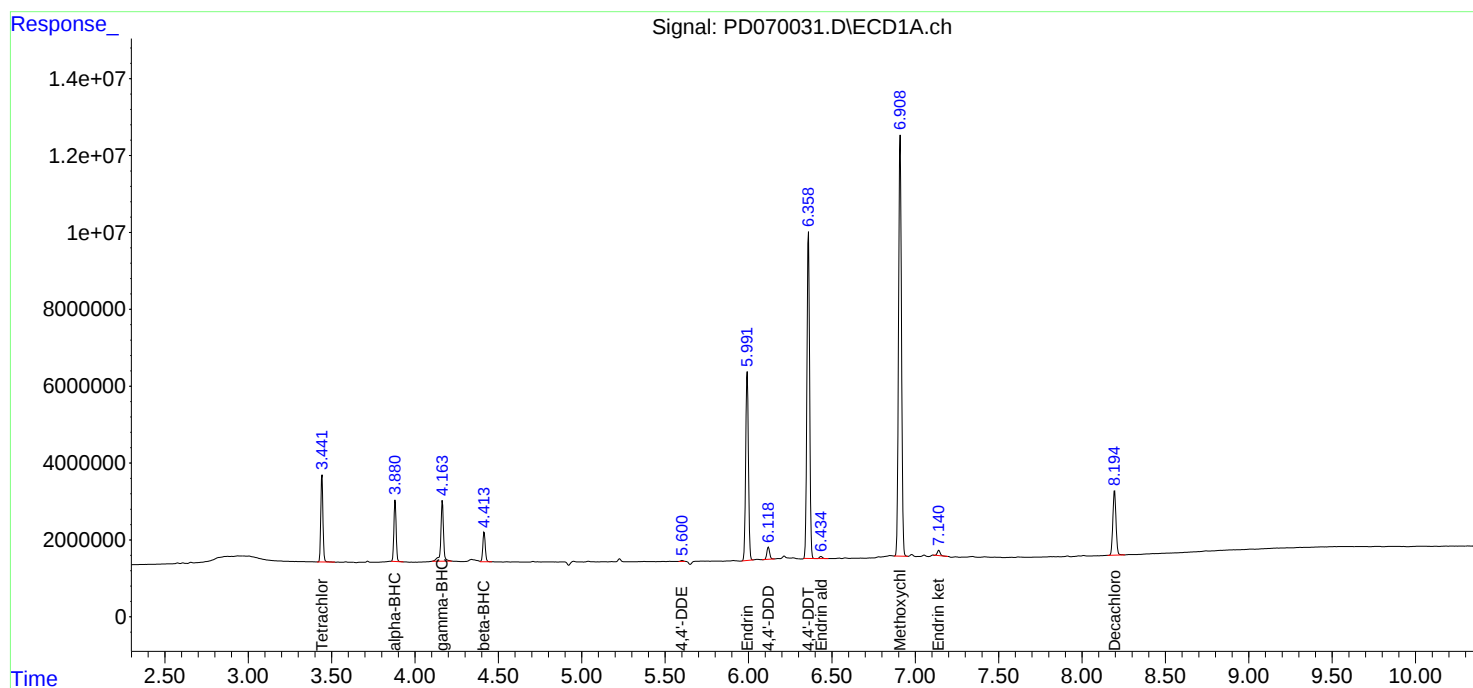
Instrument :
ECD_D
ClientSampleId :
PEM

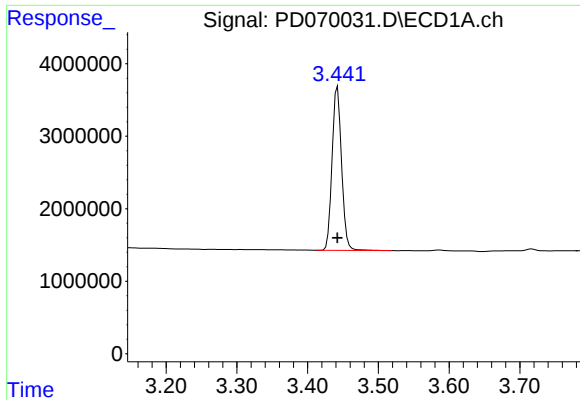
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Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





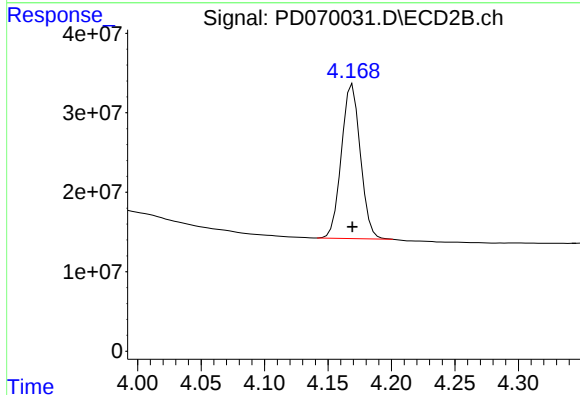
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 21054800
Conc: 19.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

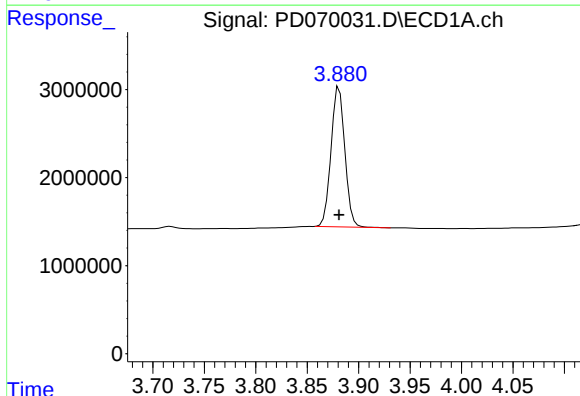
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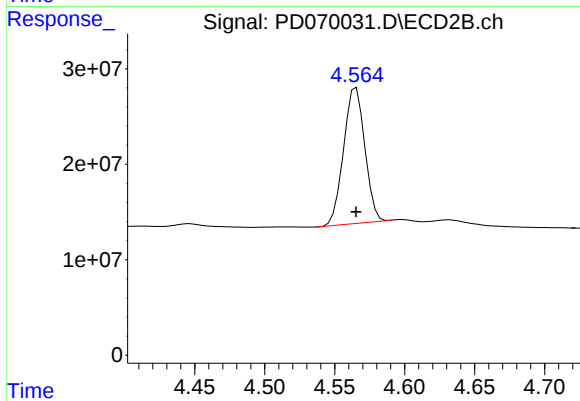
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.000 min
Response: 201837864
Conc: 22.91 ng/ml



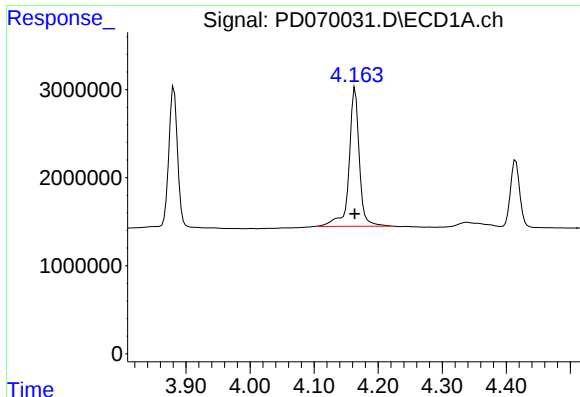
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 14857683
Conc: 9.07 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 150894257
Conc: 11.52 ng/ml



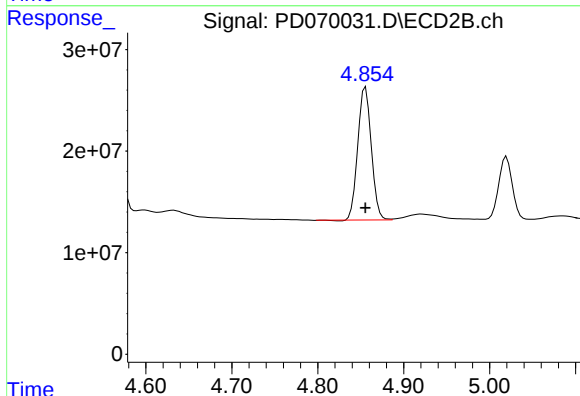
#3 gamma-BHC (Lindane)

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 17525509
Conc: 10.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

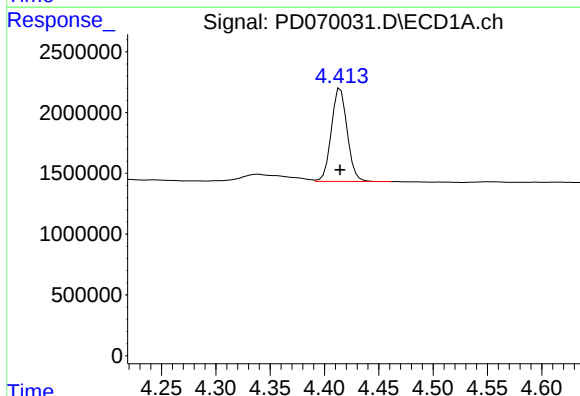
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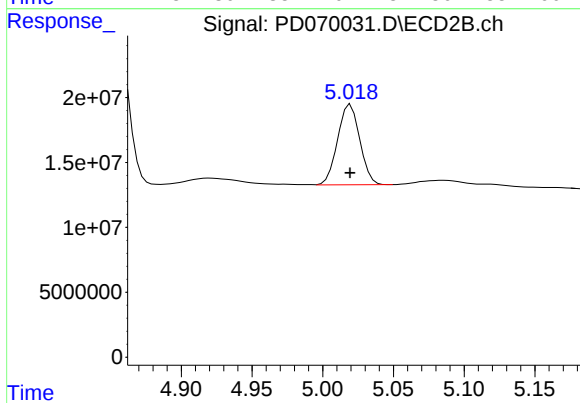
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 142813365
Conc: 11.58 ng/ml



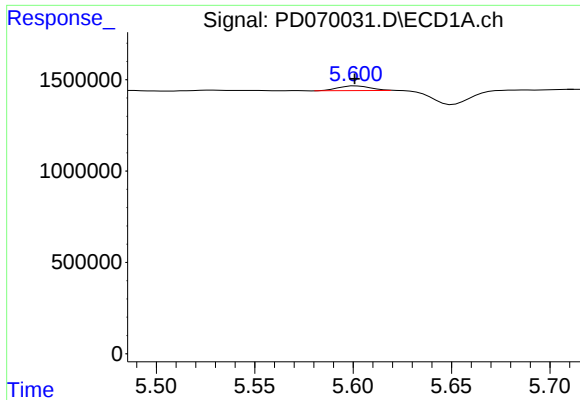
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 7778527
Conc: 11.18 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 67656412
Conc: 12.88 ng/ml



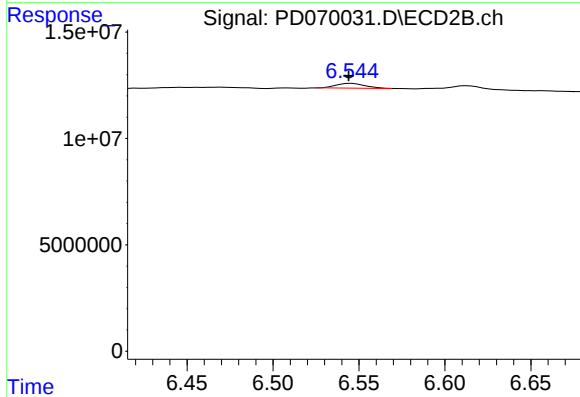
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 290027
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

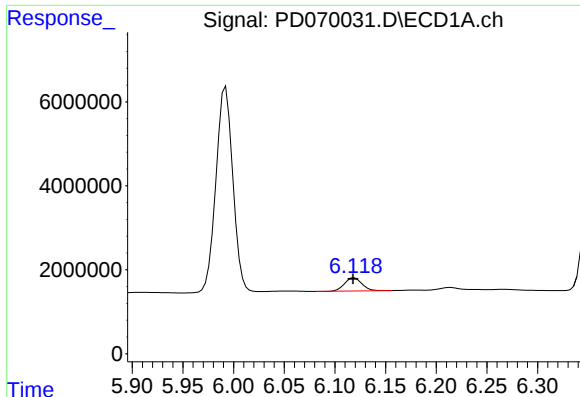
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 2603978
Conc: 0.29 ng/ml m

#14 Endrin

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 56582100
Conc: 49.00 ng/ml

#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 375308363
Conc: 55.61 ng/ml



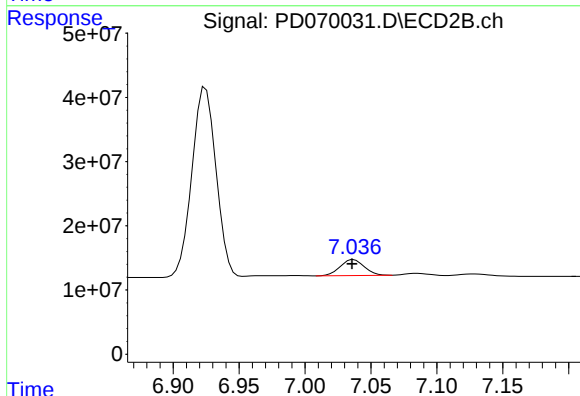
#16 4,4'-DDD

R.T.: 6.119 min
Delta R.T.: 0.002 min
Response: 3729237
Conc: 3.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

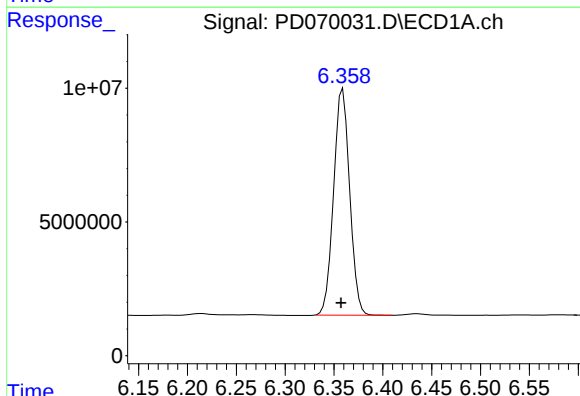
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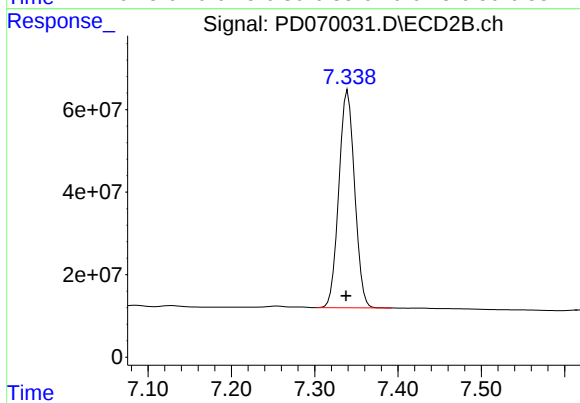
#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.001 min
Response: 31332487
Conc: 4.23 ng/ml



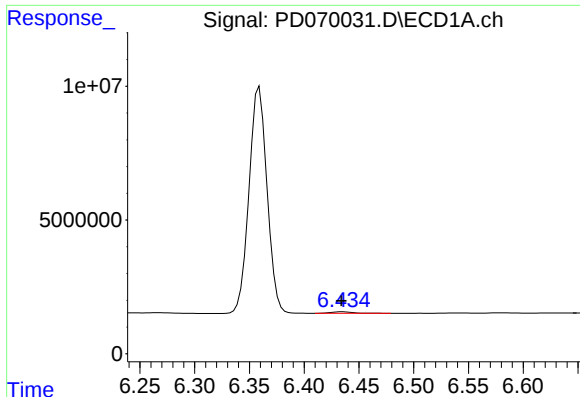
#17 4,4'-DDT

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 96817704
Conc: 97.69 ng/ml



#17 4,4'-DDT

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 693196884
Conc: 94.72 ng/ml



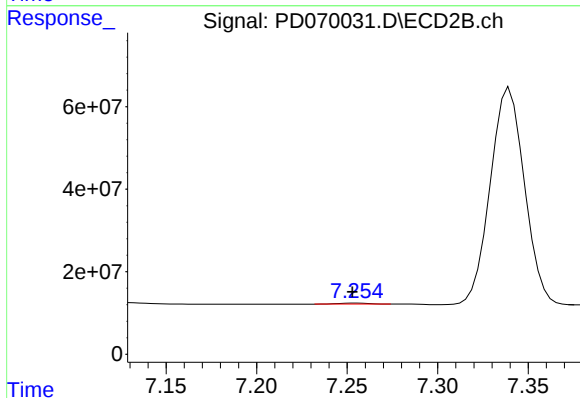
#18 Endrin aldehyde

R.T.: 6.435 min
Delta R.T.: 0.001 min
Response: 715423
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

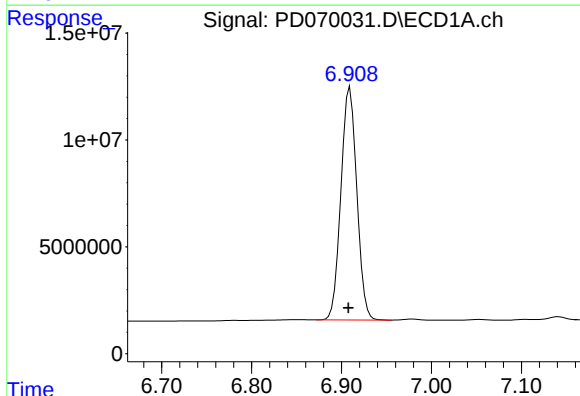
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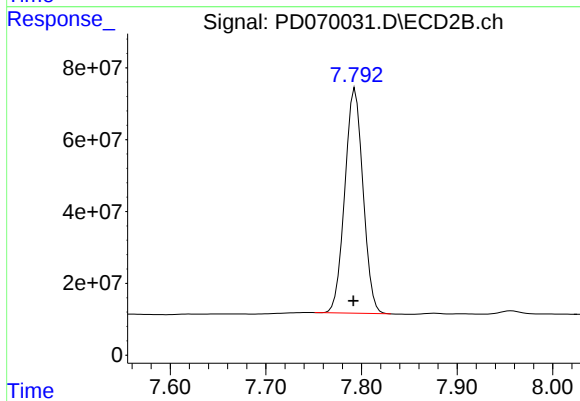
#18 Endrin aldehyde

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 2771332
Conc: 0.48 ng/ml m



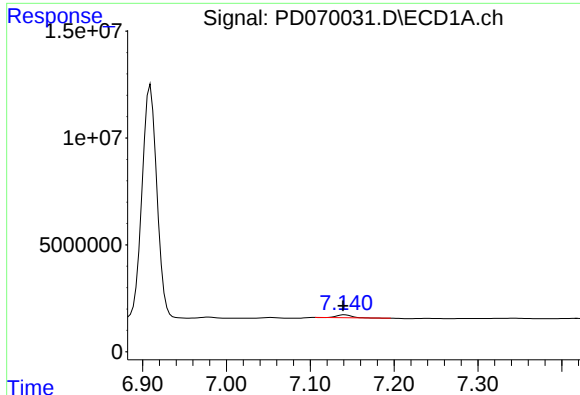
#20 Methoxychlor

R.T.: 6.909 min
Delta R.T.: 0.002 min
Response: 133620839
Conc: 235.54 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: 0.002 min
Response: 830774658
Conc: 233.00 ng/ml



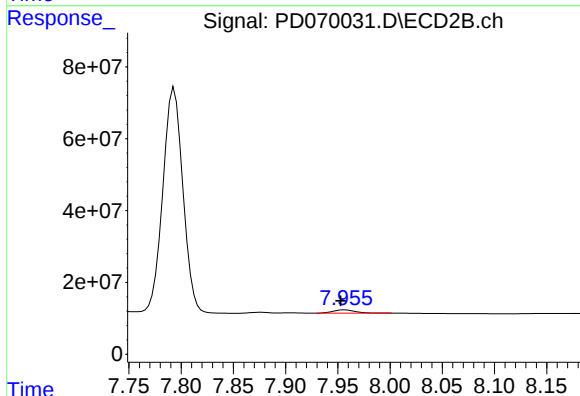
#21 Endrin ketone

R.T.: 7.141 min
Delta R.T.: 0.002 min
Response: 1705201
Conc: 1.28 ng/ml

Instrument :
ECD_D
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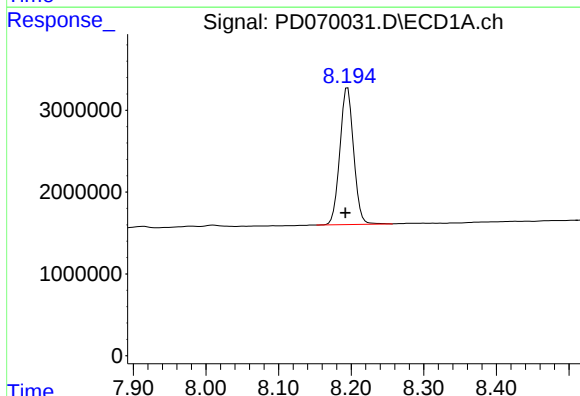
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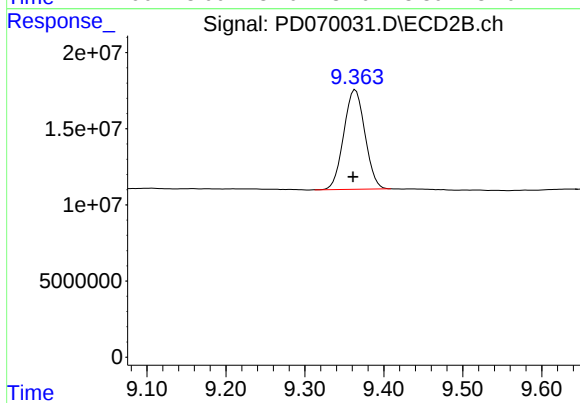
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 14367919
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.003 min
Response: 21987276
Conc: 20.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 122131839
Conc: 22.58 ng/ml