

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070622\
 Data File : PD070730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2022 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 00:04:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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...	3.485	4.123	48279901	573.1E6	19.776	22.160
28)	SA Decachlor...	8.264	9.311	50189580	178.9E6	20.241	21.744
Target Compounds							
2)	A alpha-BHC	3.928	4.527	37588948	468.0E6	10.705	12.736
3)	MA gamma-BHC...	4.213	4.820	38726538	430.3E6	11.381	13.244
6)	B beta-BHC	4.461	4.996	15639340	241.9E6	10.717m	13.263
14)	MA Endrin	6.054	6.890	134.3E6	847.1E6	49.962	55.032
16)	A 4,4'-DDD	6.180	7.003	1929274	13345767	0.791	0.943m
17)	MA 4,4'-DDT	6.422	7.307	282.7E6	1616.8E6	113.213	106.114
18)	B Endrin al...	6.496	7.229	3690383	17061155	1.985	1.490m
20)	A Methoxychlor	6.973	7.766	364.3E6	1773.0E6	254.872	258.535
21)	B Endrin ke...	7.203	7.933	8761081	39760470	3.293	3.098m

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

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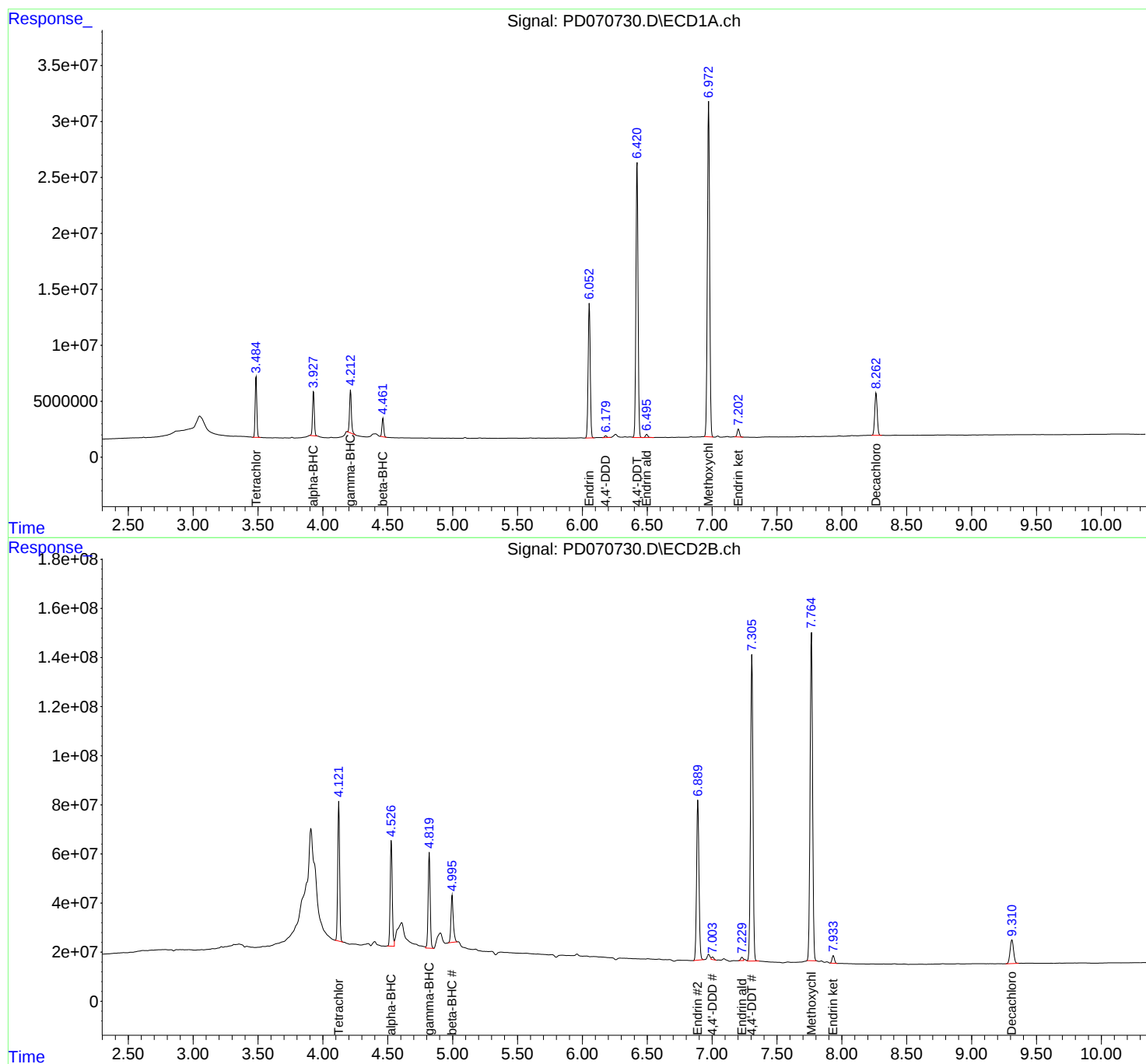
Instrument :
ECD_D
ClientSampleId :
PEM

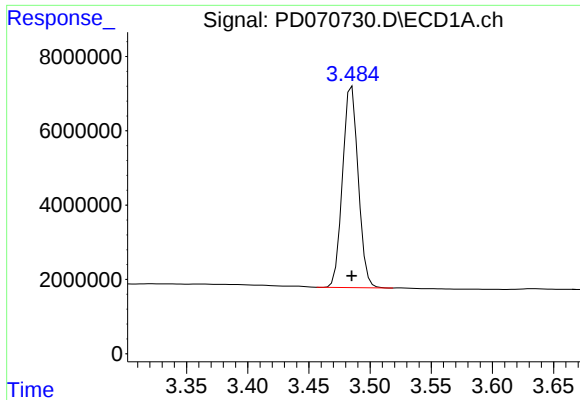
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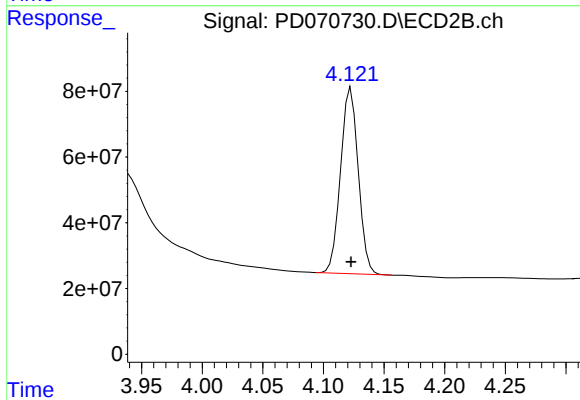
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 48279901
Conc: 19.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

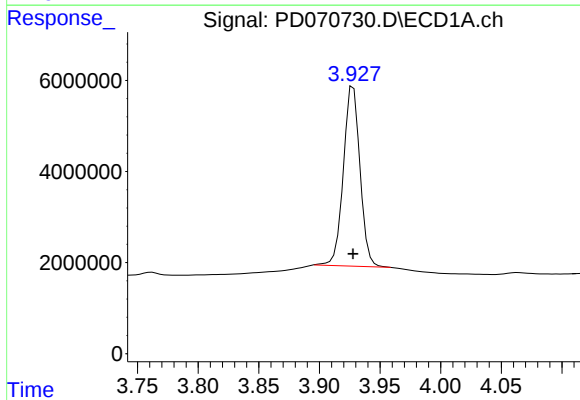
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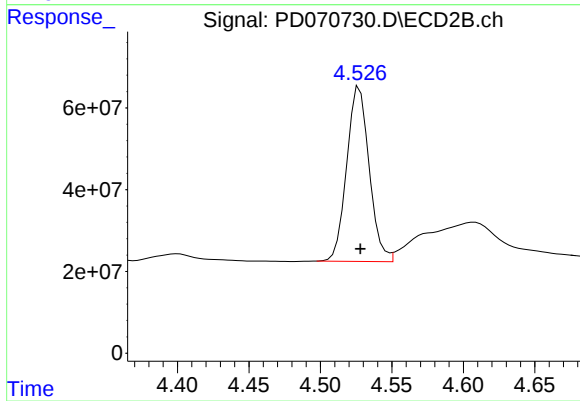
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 573086269
Conc: 22.16 ng/ml



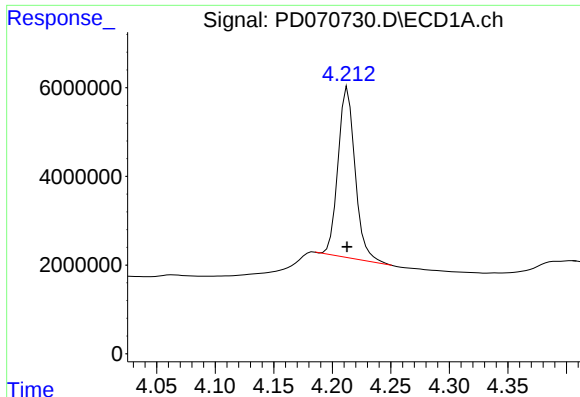
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 37588948
Conc: 10.70 ng/ml



#2 alpha-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 468028954
Conc: 12.74 ng/ml



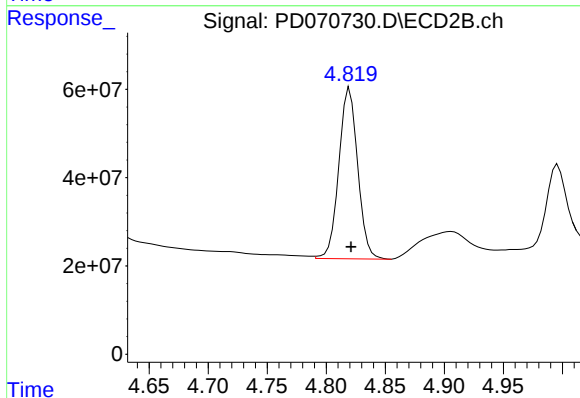
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 38726538
Conc: 11.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

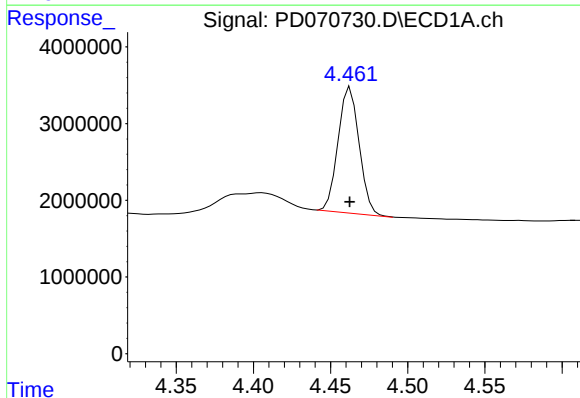
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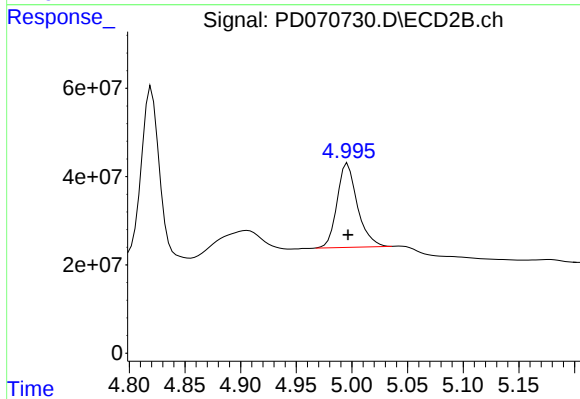
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 430292701
Conc: 13.24 ng/ml



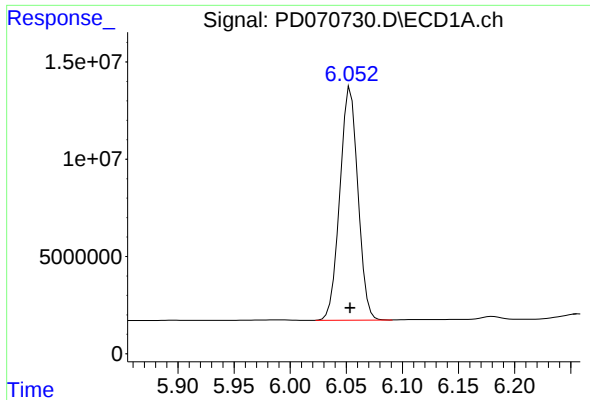
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 15639340
Conc: 10.72 ng/ml m



#6 beta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 241856305
Conc: 13.26 ng/ml



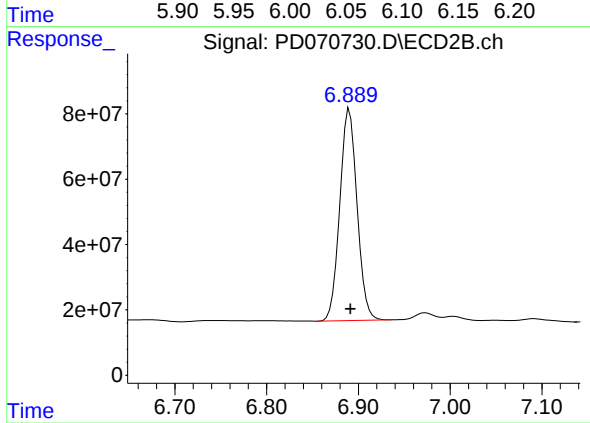
#14 Endrin

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 134317398
Conc: 49.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

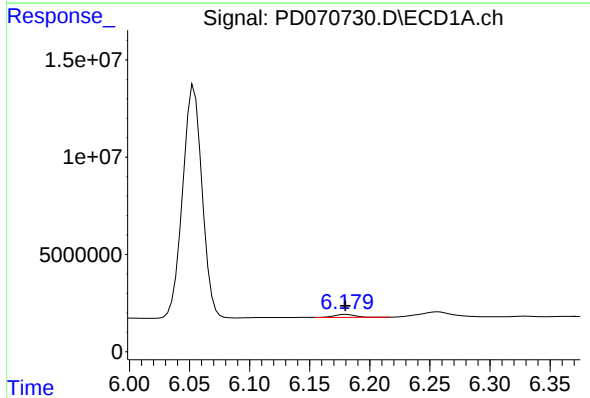
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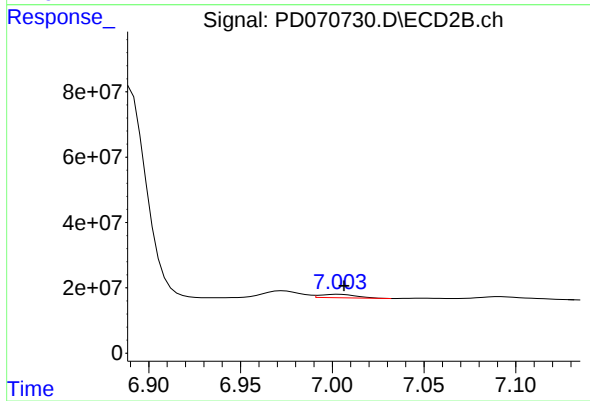
#14 Endrin

R.T.: 6.890 min
Delta R.T.: -0.001 min
Response: 847130637
Conc: 55.03 ng/ml



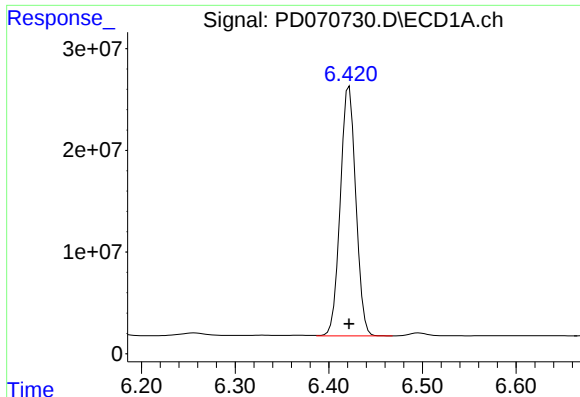
#16 4,4'-DDD

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 1929274
Conc: 0.79 ng/ml



#16 4,4'-DDD

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 13345767
Conc: 0.94 ng/ml m



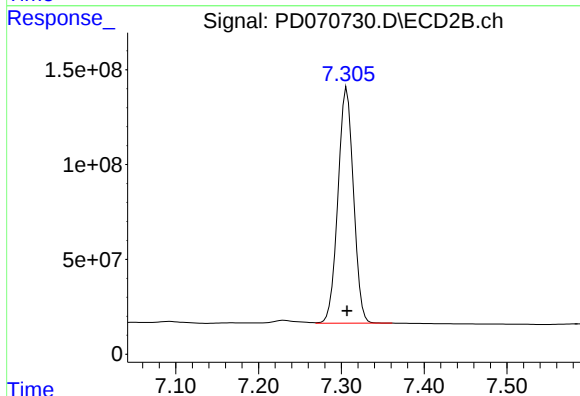
#17 4,4'-DDT

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 282663289
Conc: 113.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

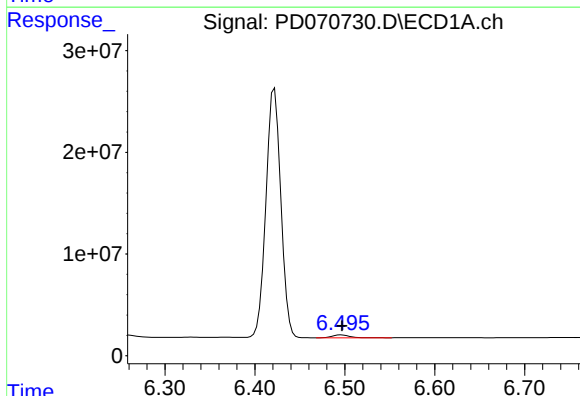
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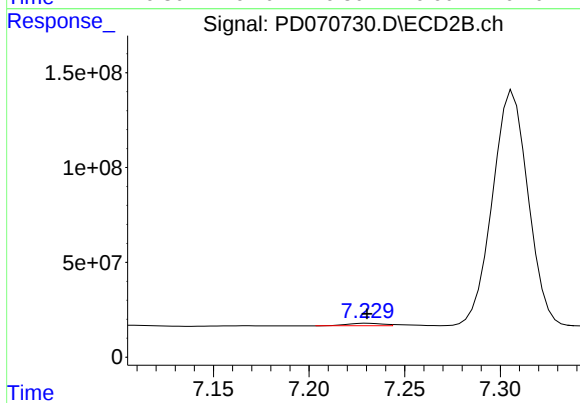
#17 4,4'-DDT

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 1616846654
Conc: 106.11 ng/ml



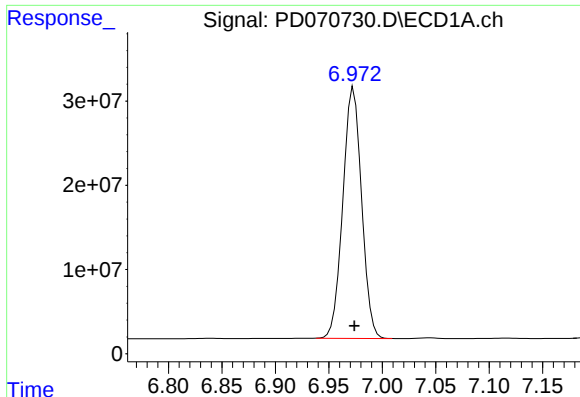
#18 Endrin aldehyde

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 3690383
Conc: 1.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.229 min
Delta R.T.: -0.001 min
Response: 17061155
Conc: 1.49 ng/ml m



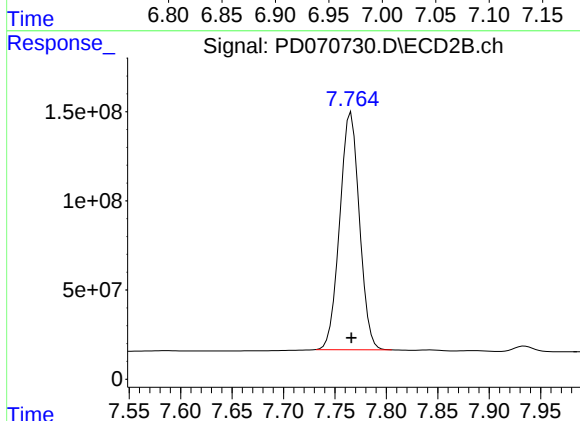
#20 Methoxychlor

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 364297274
Conc: 254.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

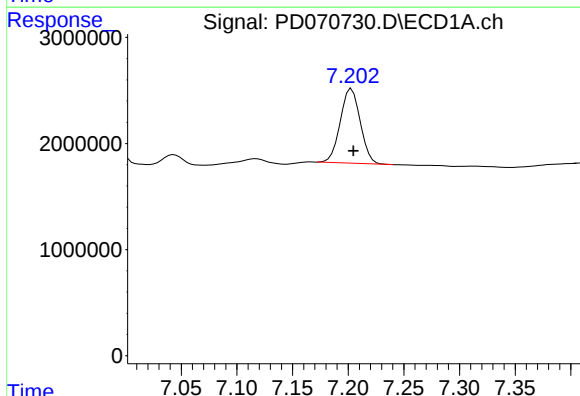
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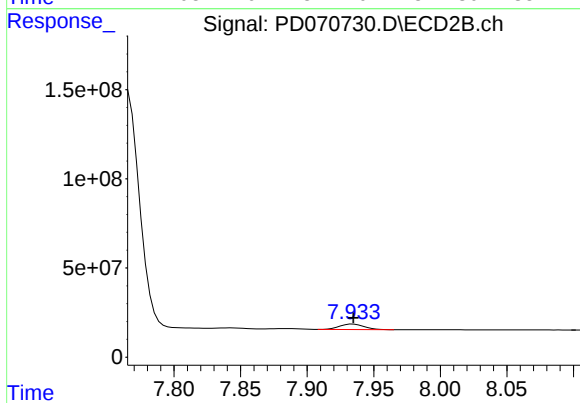
#20 Methoxychlor

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 1773043036
Conc: 258.53 ng/ml



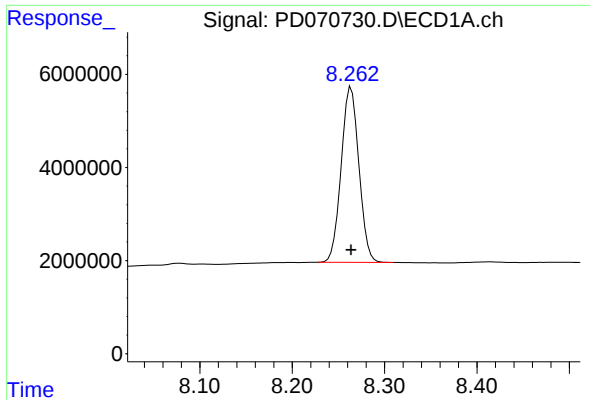
#21 Endrin ketone

R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 8761081
Conc: 3.29 ng/ml



#21 Endrin ketone

R.T.: 7.933 min
Delta R.T.: -0.002 min
Response: 39760470
Conc: 3.10 ng/ml m



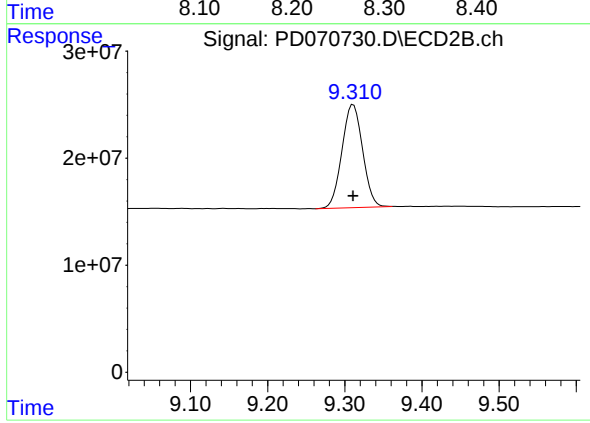
#28 Decachlorobiphenyl

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 50189580
Conc: 20.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 178886694
Conc: 21.74 ng/ml