

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061322\
 Data File : PD070261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2022 16:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2022
 Supervised By : Ankita Jodhani 06/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 06:34:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061322.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 14 06:34:15 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 x 0.2 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...	3.402	4.123	24609476	228.0E6	18.242	19.833
28)	SA Decachlor...	8.134	9.282	26639180	132.0E6	18.870	19.619
Target Compounds							
2)	A alpha-BHC	3.838	4.516	17779550	172.0E6	8.449	9.789
3)	MA gamma-BHC...	4.118	4.805	16856973	163.0E6	8.592	10.144
6)	B beta-BHC	4.368	4.969	9710084	73877874	10.987	10.382
12)	B 4,4'-DDE	5.542	6.474	28122	676102	0.017m	0.055m#
14)	MA Endrin	5.935	6.865	70618484	468.9E6	43.777	45.178
16)	A 4,4'-DDD	6.065	6.972	1585684	1401800	1.086	0.136m#
17)	MA 4,4'-DDT	6.303	7.281	136.0E6	898.7E6	99.473	88.908
18)	B Endrin al...	6.379	7.192	2047337	3860203	1.755	0.519m#
20)	A Methoxychlor	6.853	7.735	186.4E6	1078.3E6	241.062	219.639
21)	B Endrin ke...	7.080	7.892	3109851	19391608	1.815	1.987

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

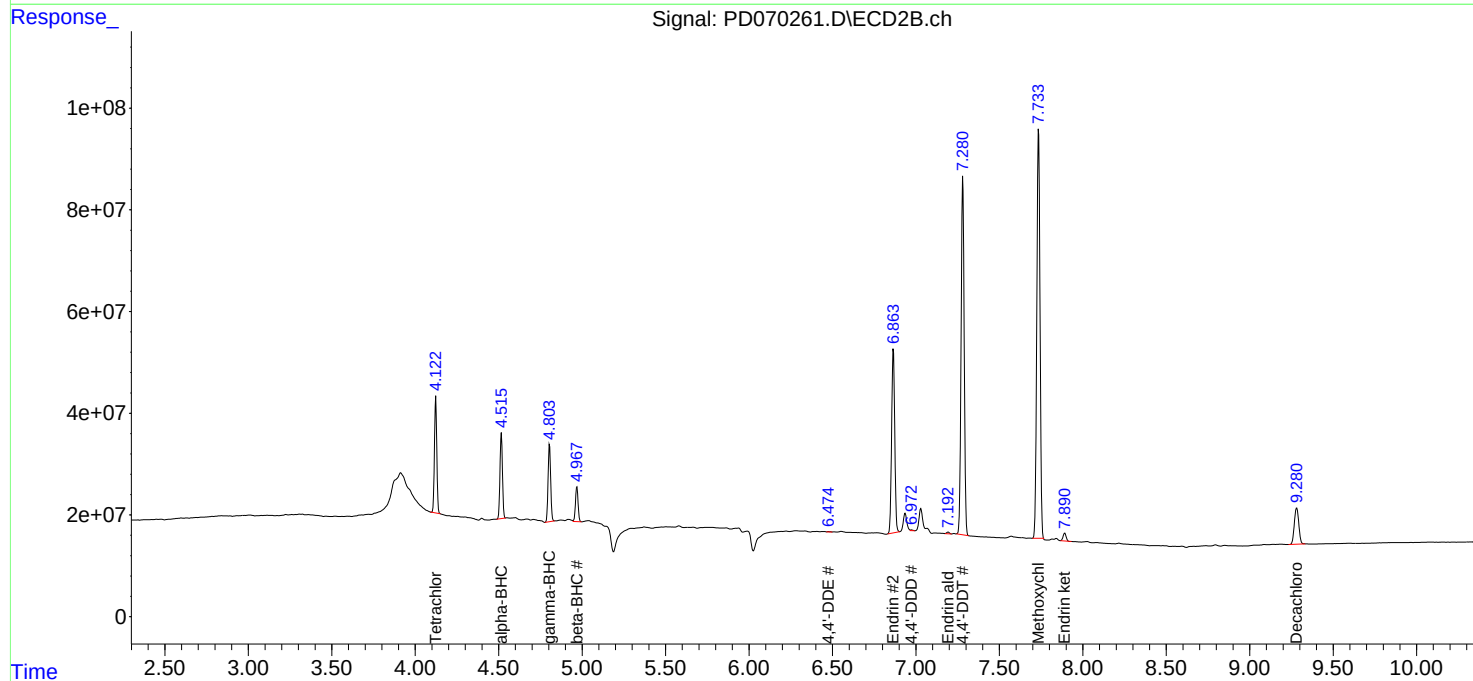
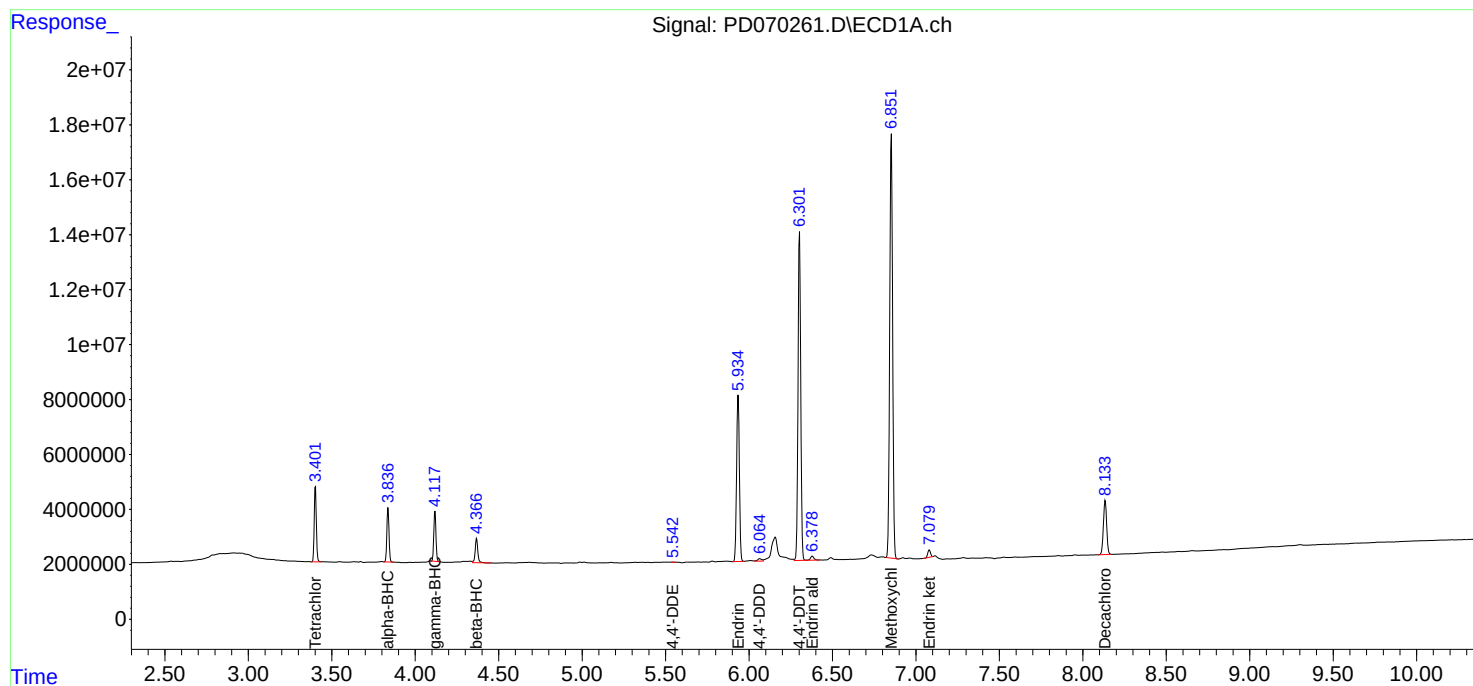
Instrument :
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ClientSampleId :
PEM

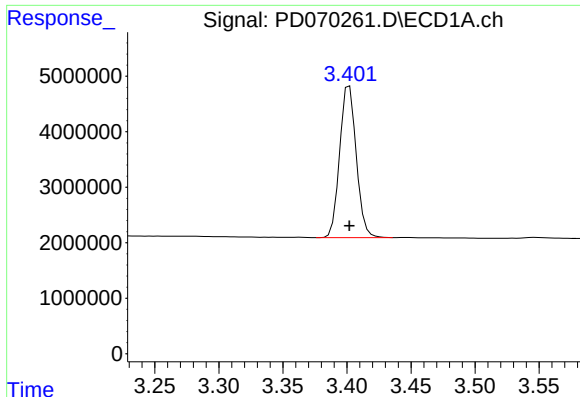
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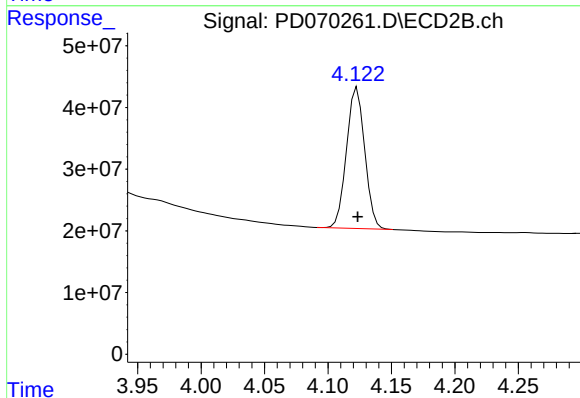
#1 Tetrachloro-m-xylene

R.T.: 3.402 min
Delta R.T.: 0.000 min
Response: 24609476
Conc: 18.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

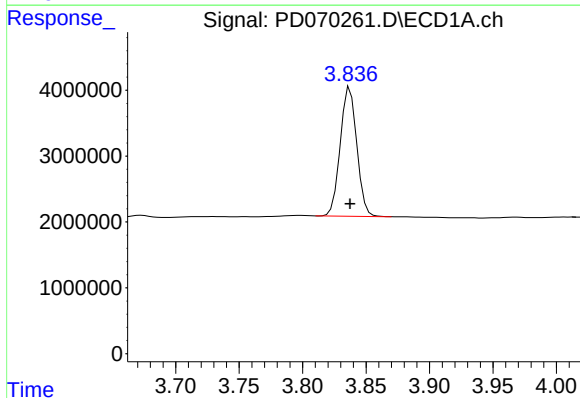
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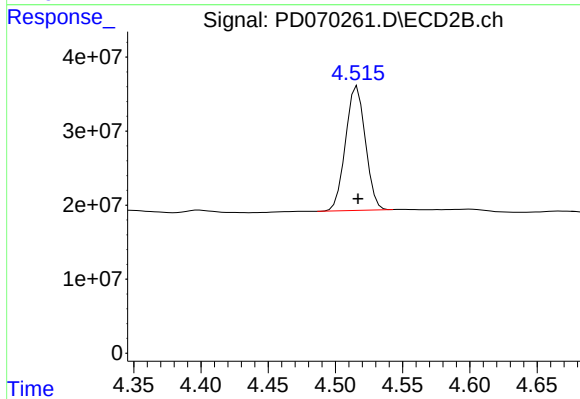
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 227967350
Conc: 19.83 ng/ml



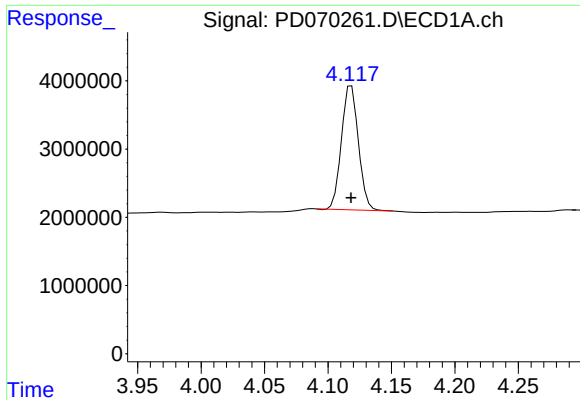
#2 alpha-BHC

R.T.: 3.838 min
Delta R.T.: 0.000 min
Response: 17779550
Conc: 8.45 ng/ml



#2 alpha-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 171995553
Conc: 9.79 ng/ml



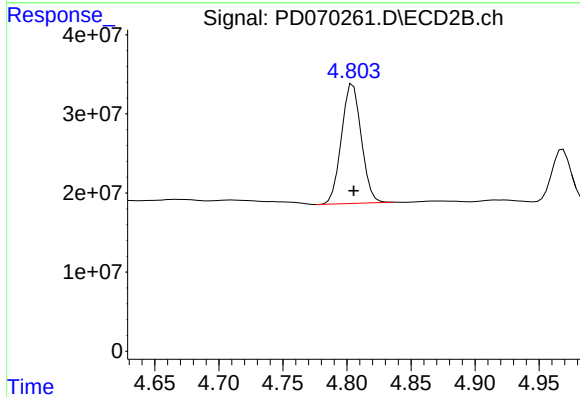
#3 gamma-BHC (Lindane)

R.T.: 4.118 min
Delta R.T.: 0.000 min
Response: 16856973
Conc: 8.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

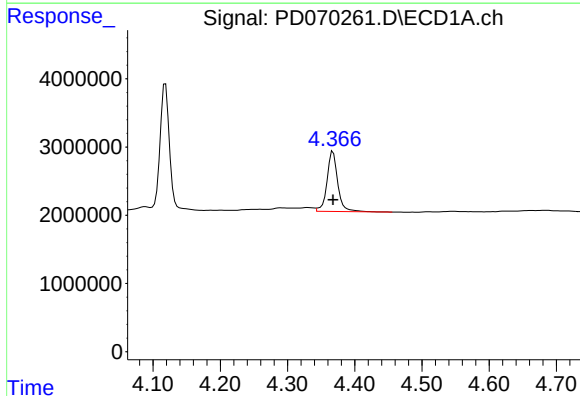
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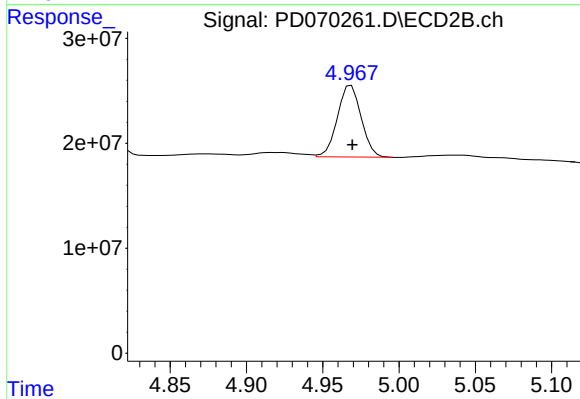
#3 gamma-BHC (Lindane)

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 163021859
Conc: 10.14 ng/ml



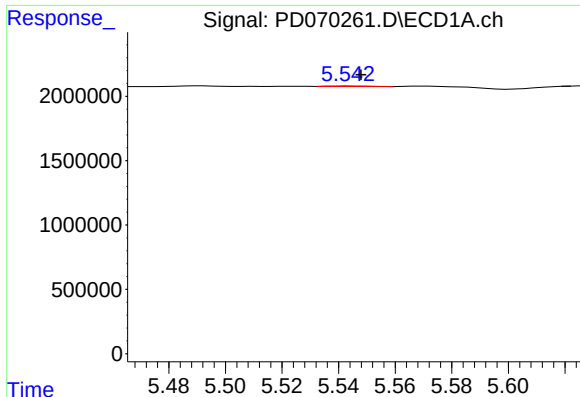
#6 beta-BHC

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 9710084
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 73877874
Conc: 10.38 ng/ml



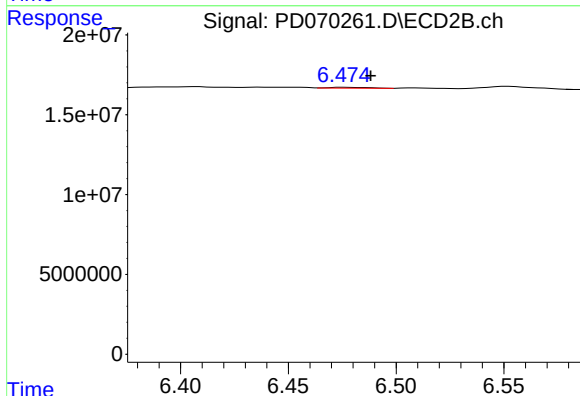
#12 4,4'-DDE

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 28122
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

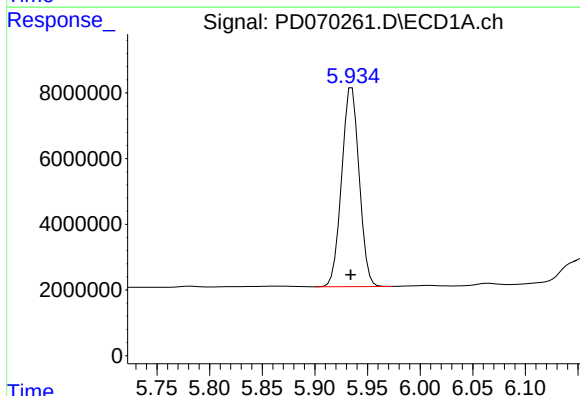
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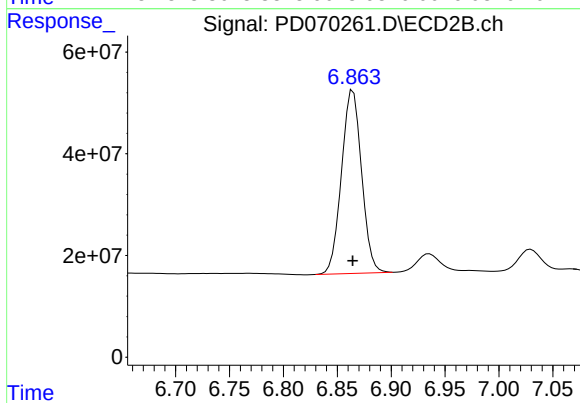
#12 4,4'-DDE

R.T.: 6.474 min
Delta R.T.: -0.014 min
Response: 676102
Conc: 0.06 ng/ml m



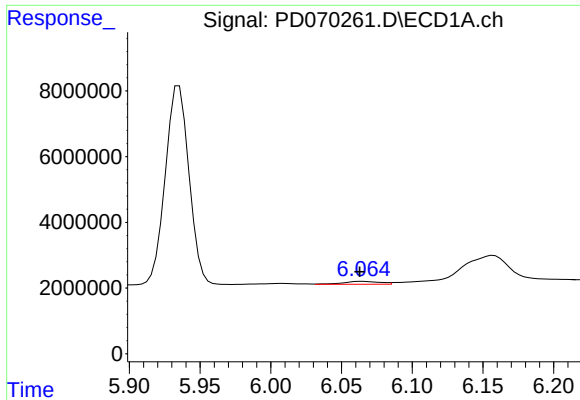
#14 Endrin

R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 70618484
Conc: 43.78 ng/ml



#14 Endrin

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 468938304
Conc: 45.18 ng/ml



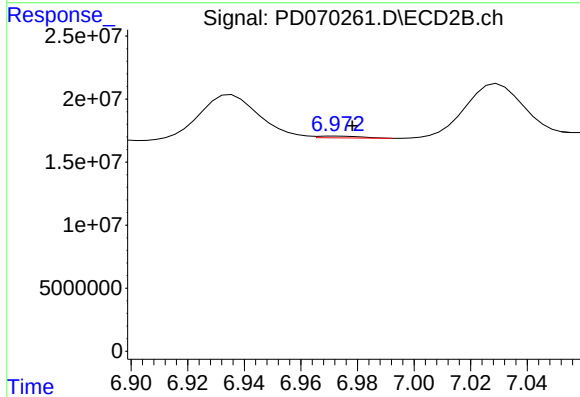
#16 4,4'-DDD

R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 1585684
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

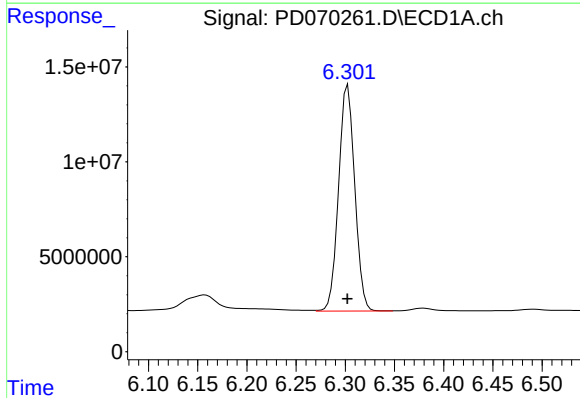
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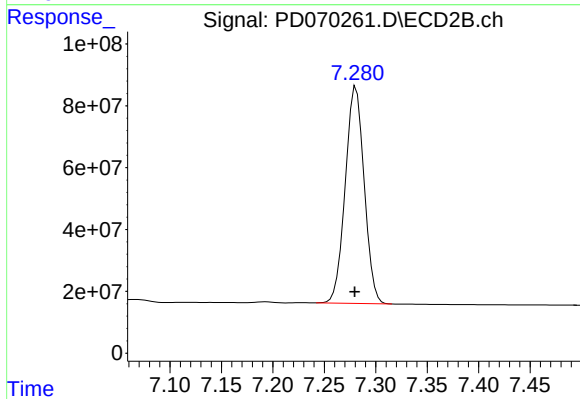
#16 4,4'-DDD

R.T.: 6.972 min
Delta R.T.: -0.006 min
Response: 1401800
Conc: 0.14 ng/ml m



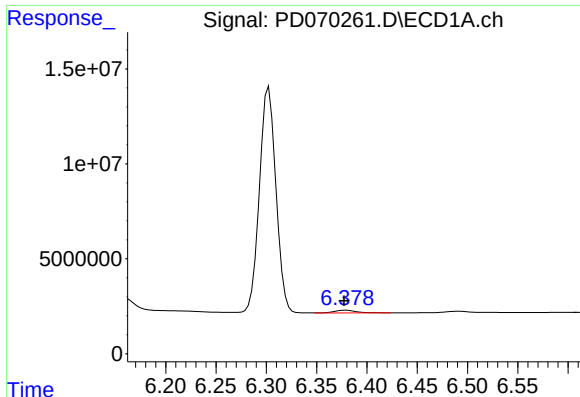
#17 4,4'-DDT

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 135953627
Conc: 99.47 ng/ml



#17 4,4'-DDT

R.T.: 7.281 min
Delta R.T.: 0.001 min
Response: 898733861
Conc: 88.91 ng/ml



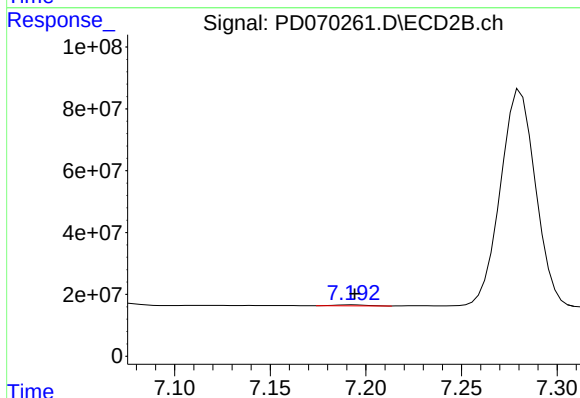
#18 Endrin aldehyde

R.T.: 6.379 min
Delta R.T.: 0.002 min
Response: 2047337
Conc: 1.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

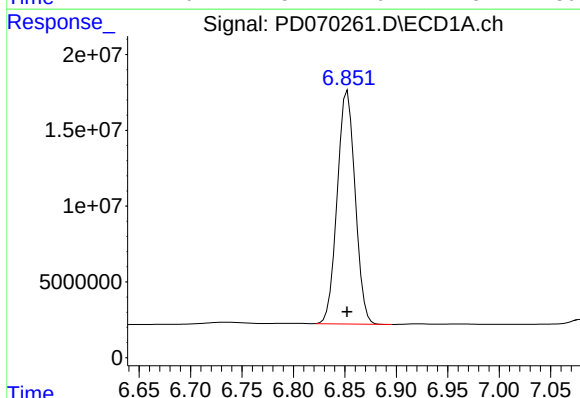
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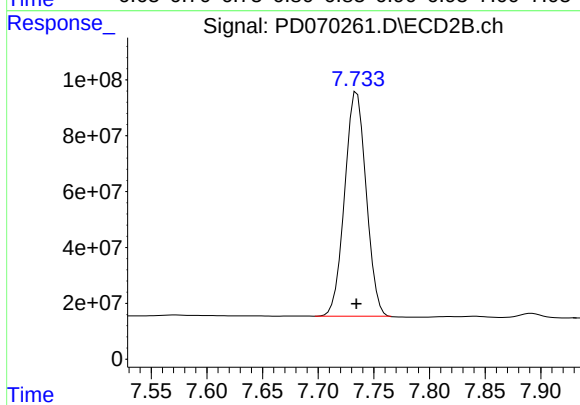
#18 Endrin aldehyde

R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 3860203
Conc: 0.52 ng/ml m



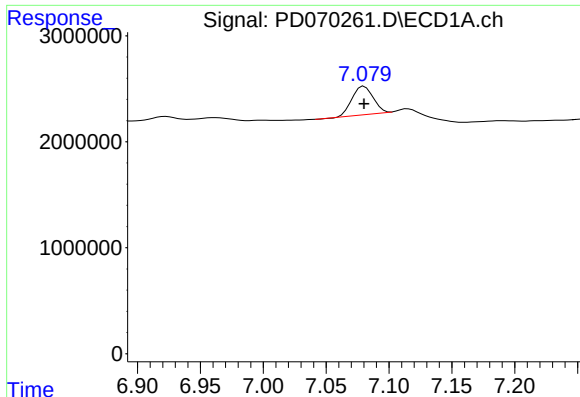
#20 Methoxychlor

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 186362448
Conc: 241.06 ng/ml



#20 Methoxychlor

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 1078291663
Conc: 219.64 ng/ml



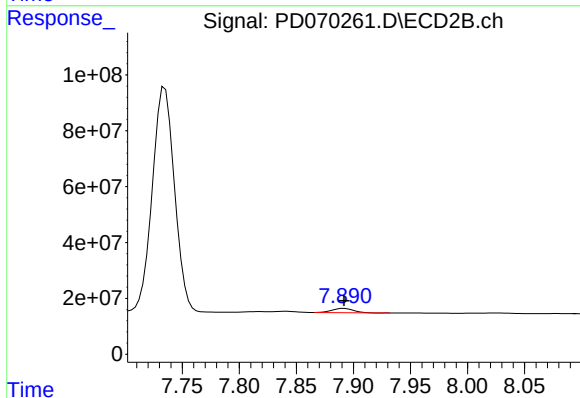
#21 Endrin ketone

R.T.: 7.080 min
Delta R.T.: 0.000 min
Response: 3109851
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

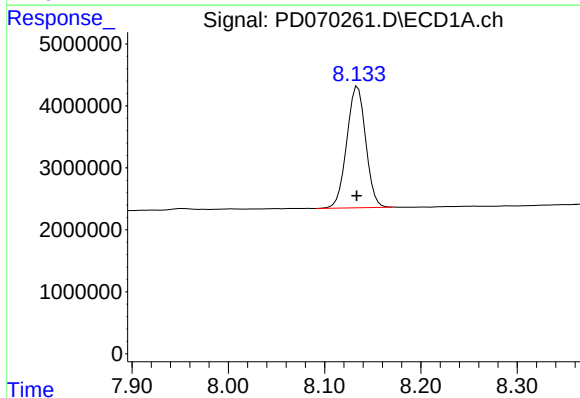
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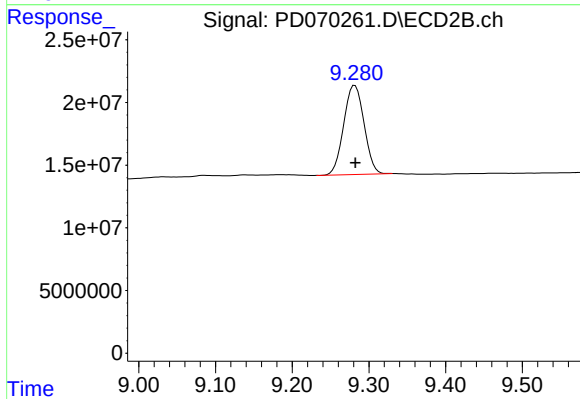
#21 Endrin ketone

R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 19391608
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.134 min
Delta R.T.: 0.001 min
Response: 26639180
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 132025281
Conc: 19.62 ng/ml