

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042223\
 Data File : PD074871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2023
 Supervised By : Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 16:42:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.768	50473251	26813157	21.161	20.569
28)	SA Decachlor...	9.093	7.920	54130659	23328885	17.825	17.490
Target Compounds							
2)	A alpha-BHC	4.005	3.272	39851794	18804917	9.582	9.631
3)	MA gamma-BHC...	4.339	3.602	37974377	17483258	9.784	9.633
6)	B beta-BHC	4.534	3.897	18377932	8910927	10.955	10.971
12)	B 4,4'-DDE	6.209	5.232	424386	221860	0.132	0.141
14)	MA Endrin	6.595	5.638	125.0E6	64943286	43.010	43.038
16)	A 4,4'-DDD	6.728	5.786	13317659	6618500	5.026	5.020
17)	MA 4,4'-DDT	7.043	6.038	237.1E6	112.2E6	81.364	83.039
18)	B Endrin al...	6.942	6.110	6410381	3501313	2.792m	3.136m
20)	A Methoxychlor	7.519	6.614	324.8E6	147.2E6	199.477	195.241
21)	B Endrin ke...	7.665	6.841	12511151	6573727	3.841	4.023

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

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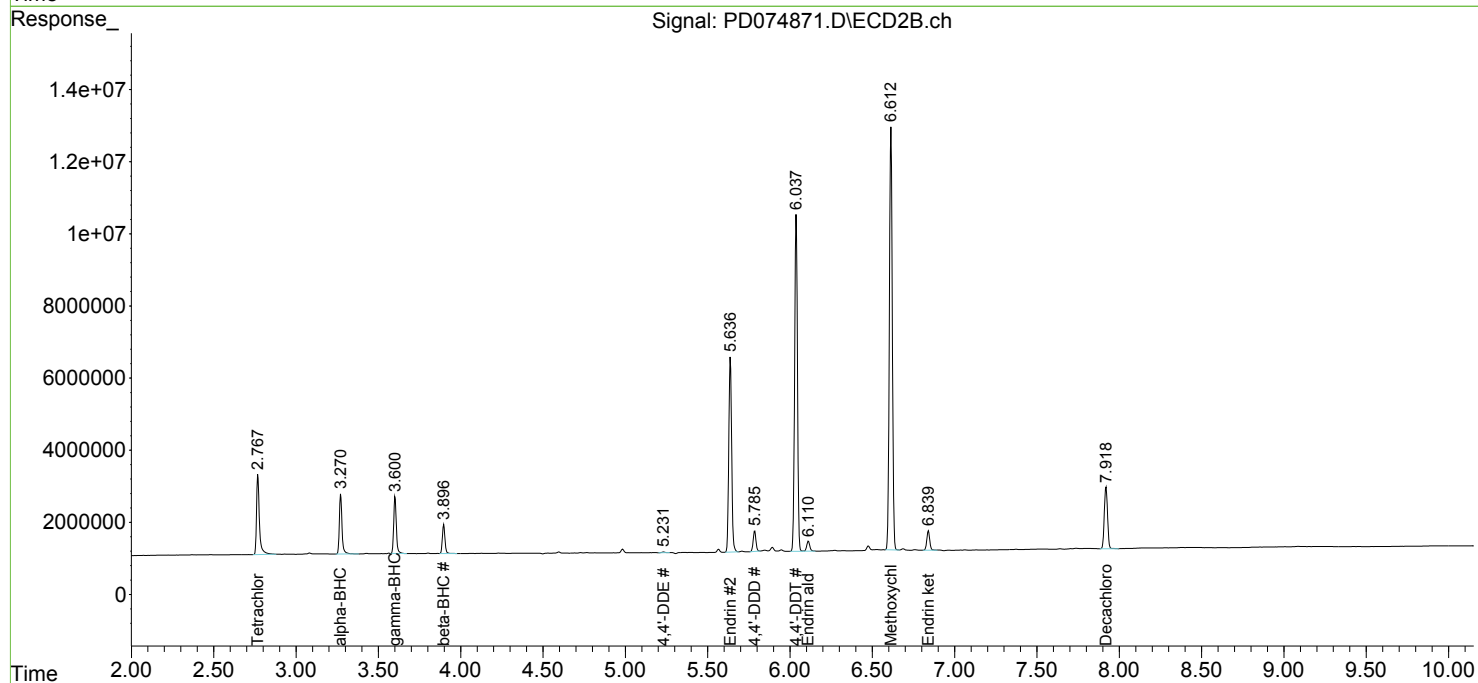
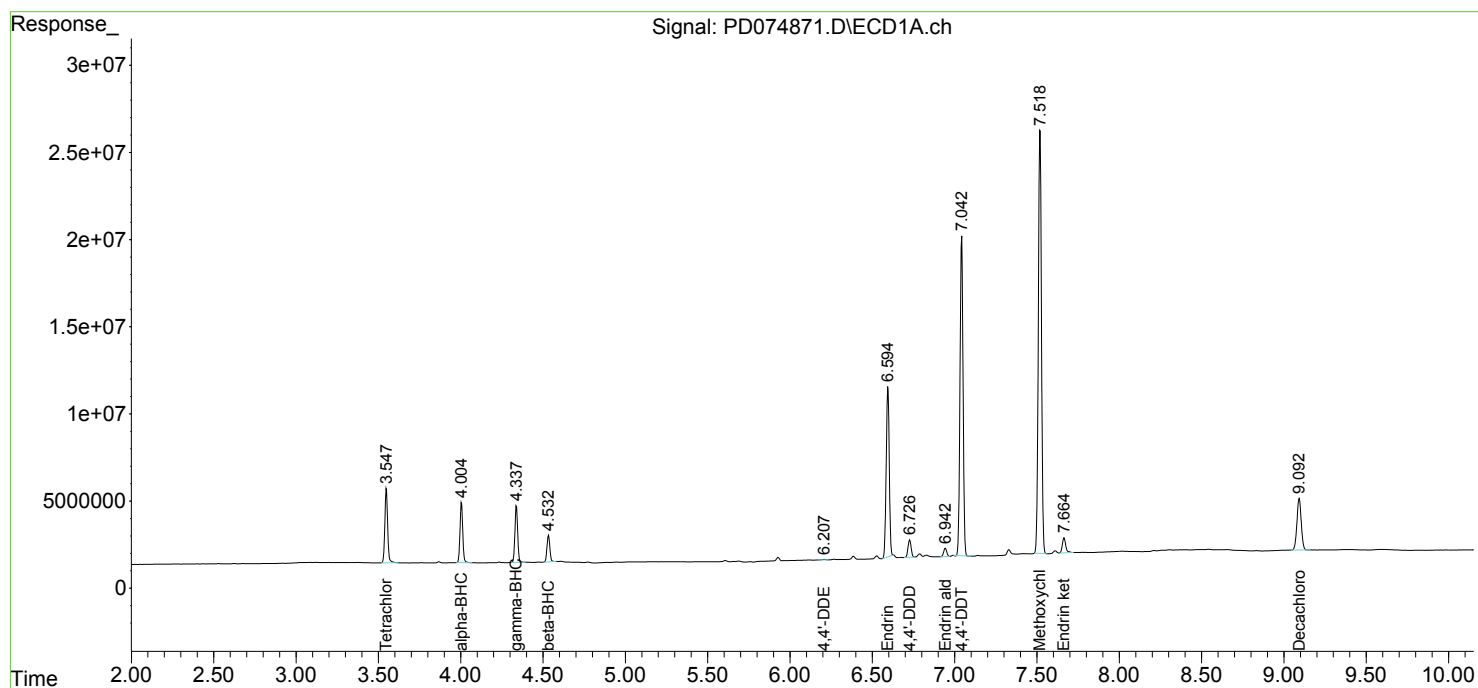
Instrument :
ECD_D
ClientSampleId :
PEM

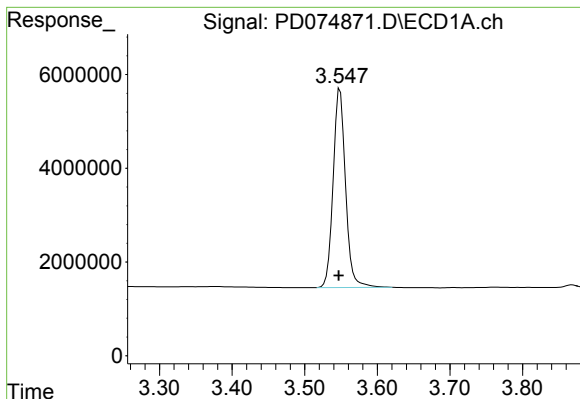
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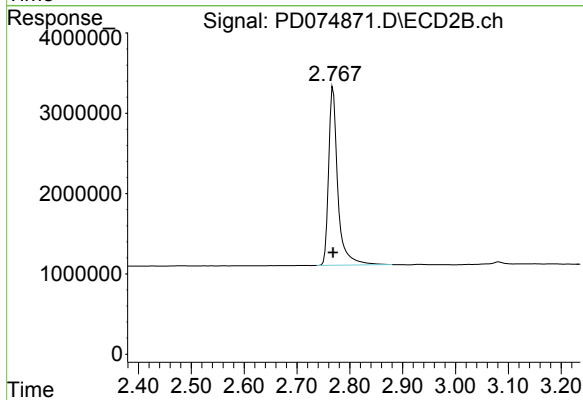
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.002 min
Response: 50473251
Conc: 21.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

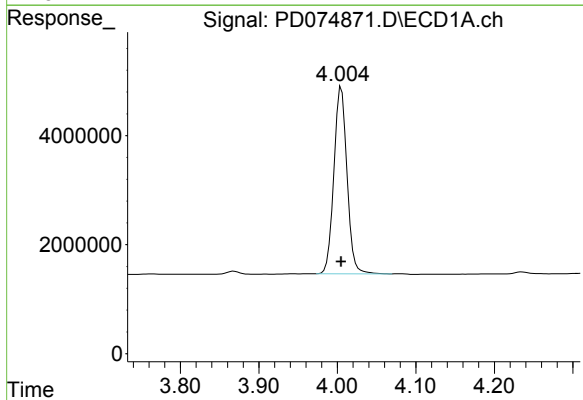
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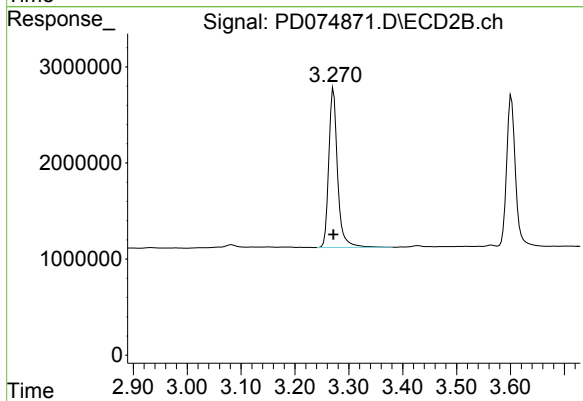
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 26813157
Conc: 20.57 ng/ml



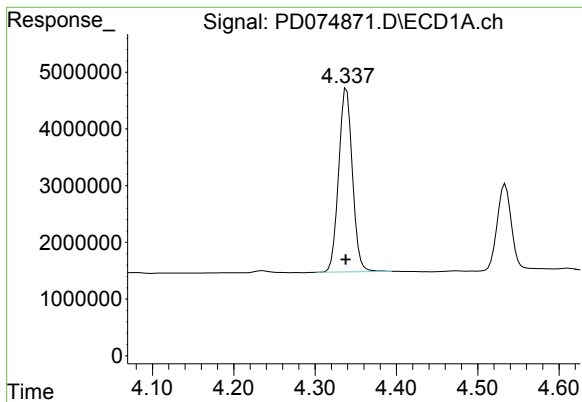
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 39851794
Conc: 9.58 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 18804917
Conc: 9.63 ng/ml



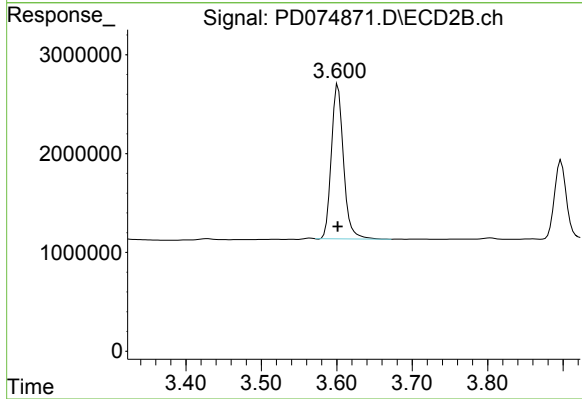
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 37974377
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

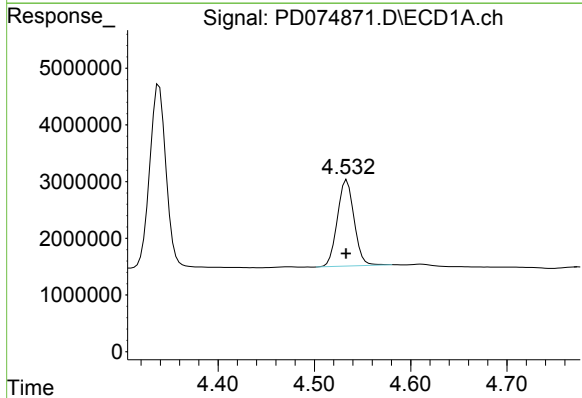
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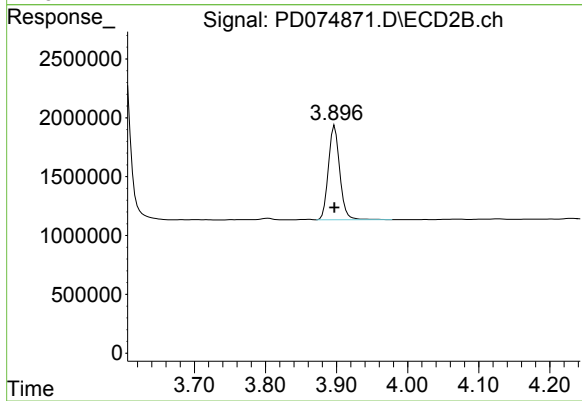
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 17483258
Conc: 9.63 ng/ml



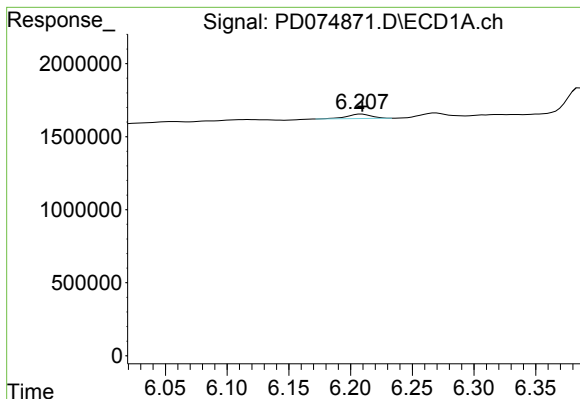
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 18377932
Conc: 10.96 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 8910927
Conc: 10.97 ng/ml



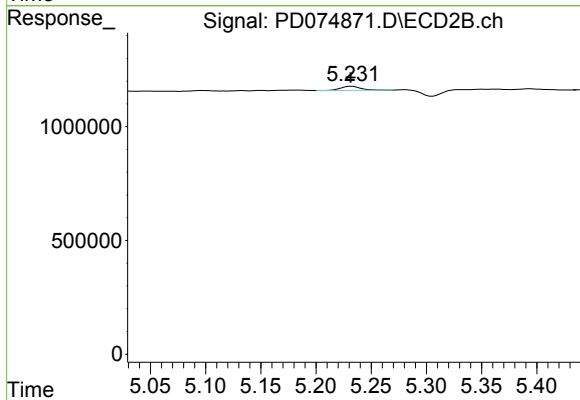
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.001 min
Response: 424386
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

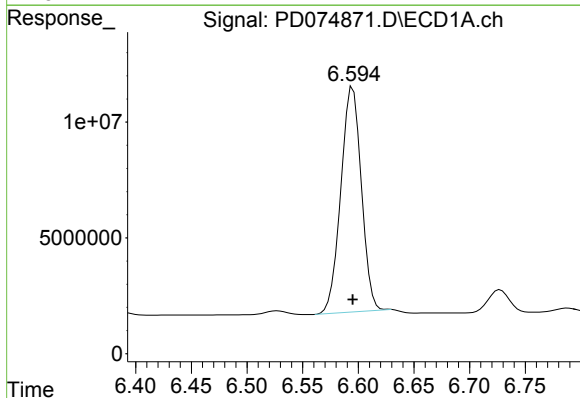
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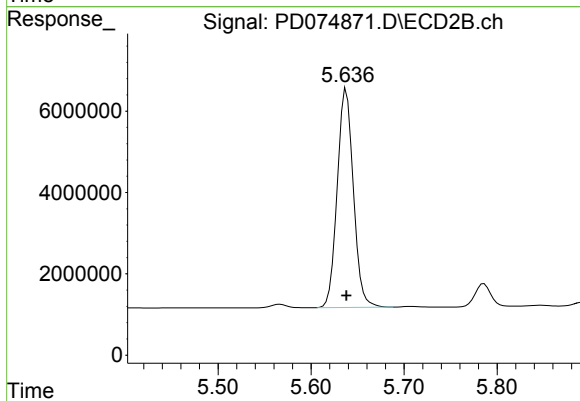
#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 221860
Conc: 0.14 ng/ml



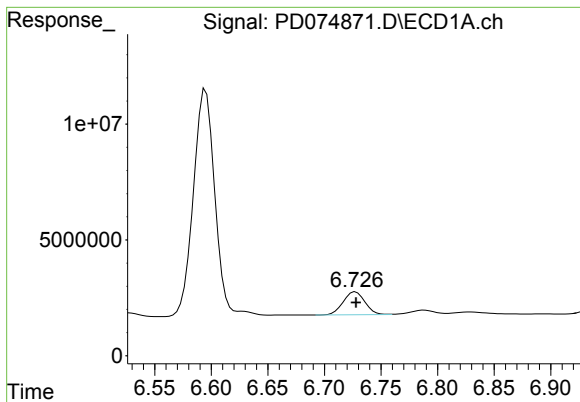
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 124965613
Conc: 43.01 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 64943286
Conc: 43.04 ng/ml



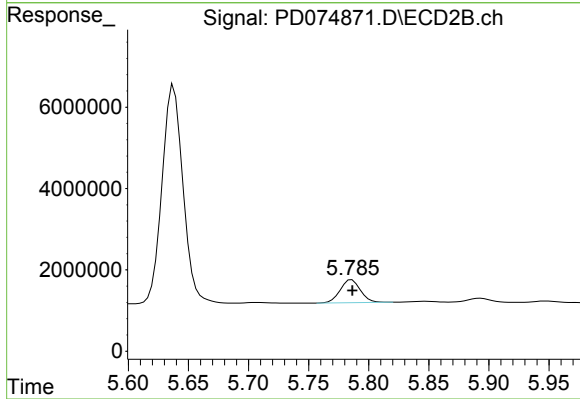
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 13317659
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

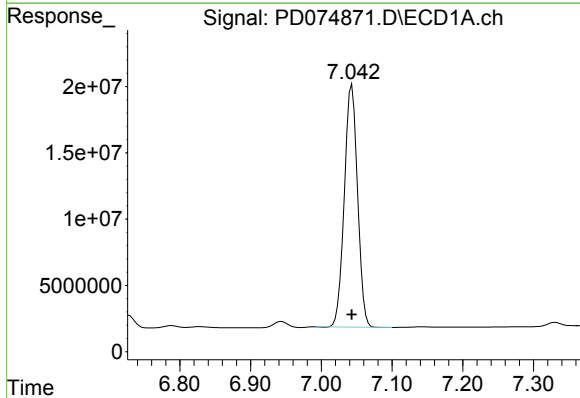
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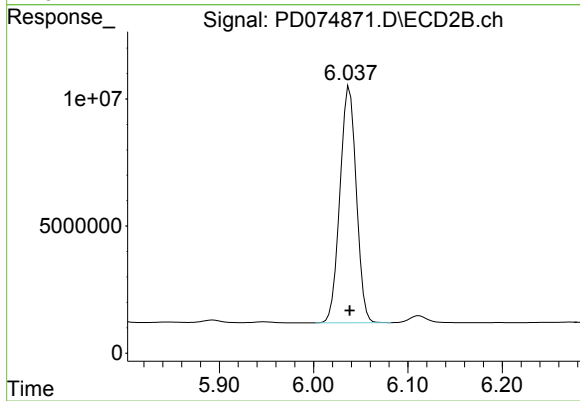
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: 6618500
Conc: 5.02 ng/ml



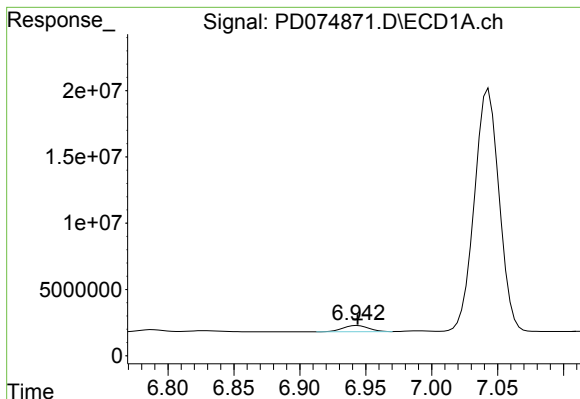
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 237057788
Conc: 81.36 ng/ml



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 112151524
Conc: 83.04 ng/ml



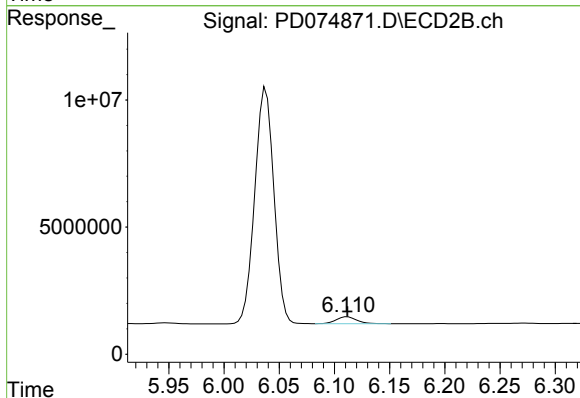
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.001 min
Response: 6410381
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

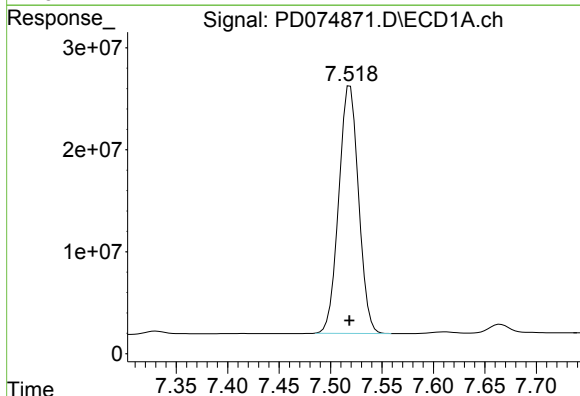
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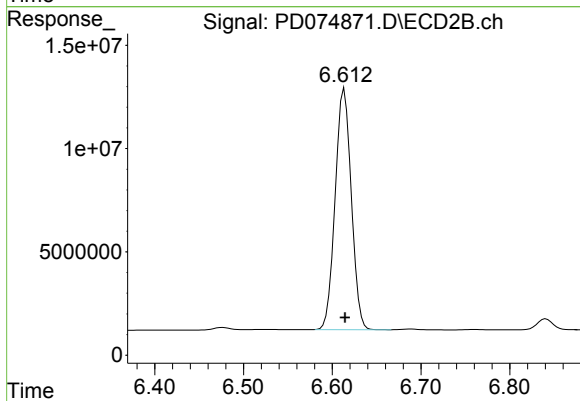
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.001 min
Response: 3501313
Conc: 3.14 ng/ml m



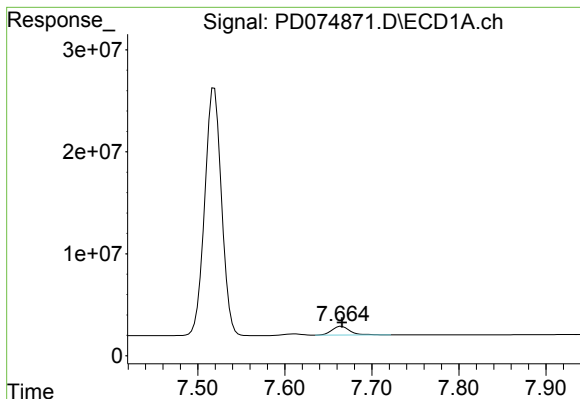
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 324846121
Conc: 199.48 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 147155456
Conc: 195.24 ng/ml



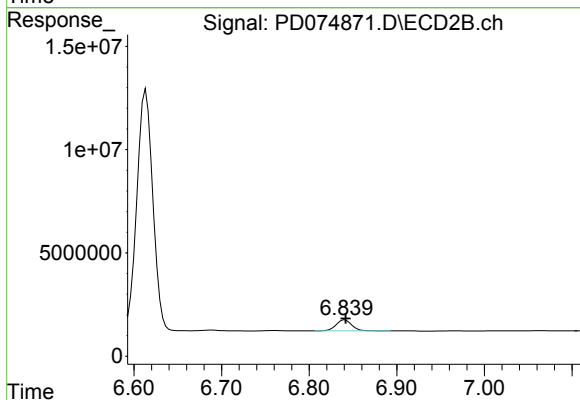
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 12511151
Conc: 3.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

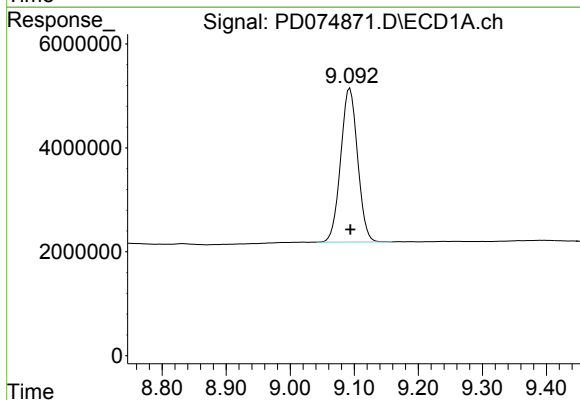
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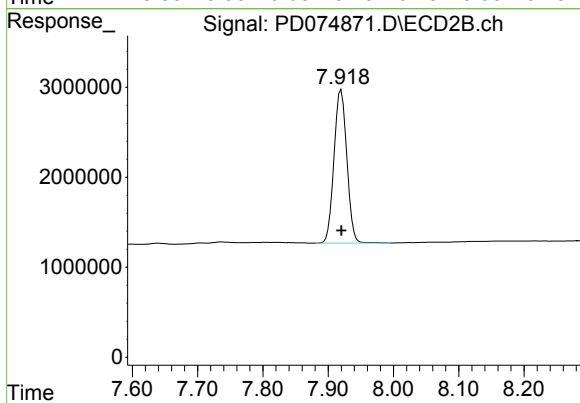
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.001 min
Response: 6573727
Conc: 4.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 54130659
Conc: 17.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 23328885
Conc: 17.49 ng/ml