

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 00:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:56:10 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...	3.547	2.768	49198576	24896905	20.626	19.099
28)	SA Decachlor...	9.087	7.917	54767959	22382733	18.035	16.781
Target Compounds							
2)	A alpha-BHC	4.003	3.271	38806701	18168852	9.330	9.305
3)	MA gamma-BHC...	4.336	3.601	37794425	17165883	9.738	9.459
6)	B beta-BHC	4.531	3.896	17697170	8637572	10.549	10.635
12)	B 4,4'-DDE	6.206	5.230	368493	160649	0.115	0.102m
14)	MA Endrin	6.591	5.636	126.1E6	63773725	43.412	42.262
16)	A 4,4'-DDD	6.723	5.784	6286226	3158299	2.372	2.396
17)	MA 4,4'-DDT	7.039	6.036	265.9E6	122.9E6	91.260	90.982
18)	B Endrin al...	6.939	6.111	4731604	3069332	2.061	2.749 #
20)	A Methoxychlor	7.514	6.612	354.1E6	157.8E6	217.466	209.357
21)	B Endrin ke...	7.661	6.839	10952219	5303520	3.363	3.245

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

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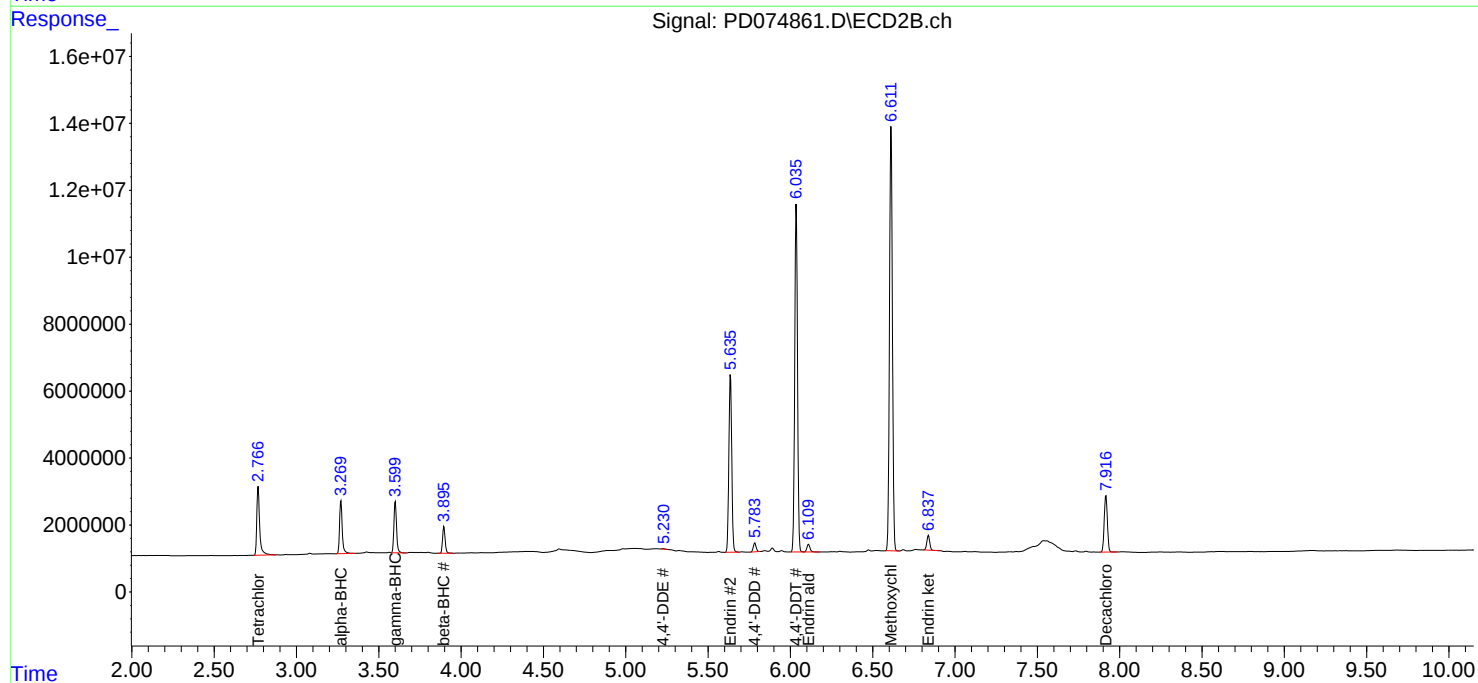
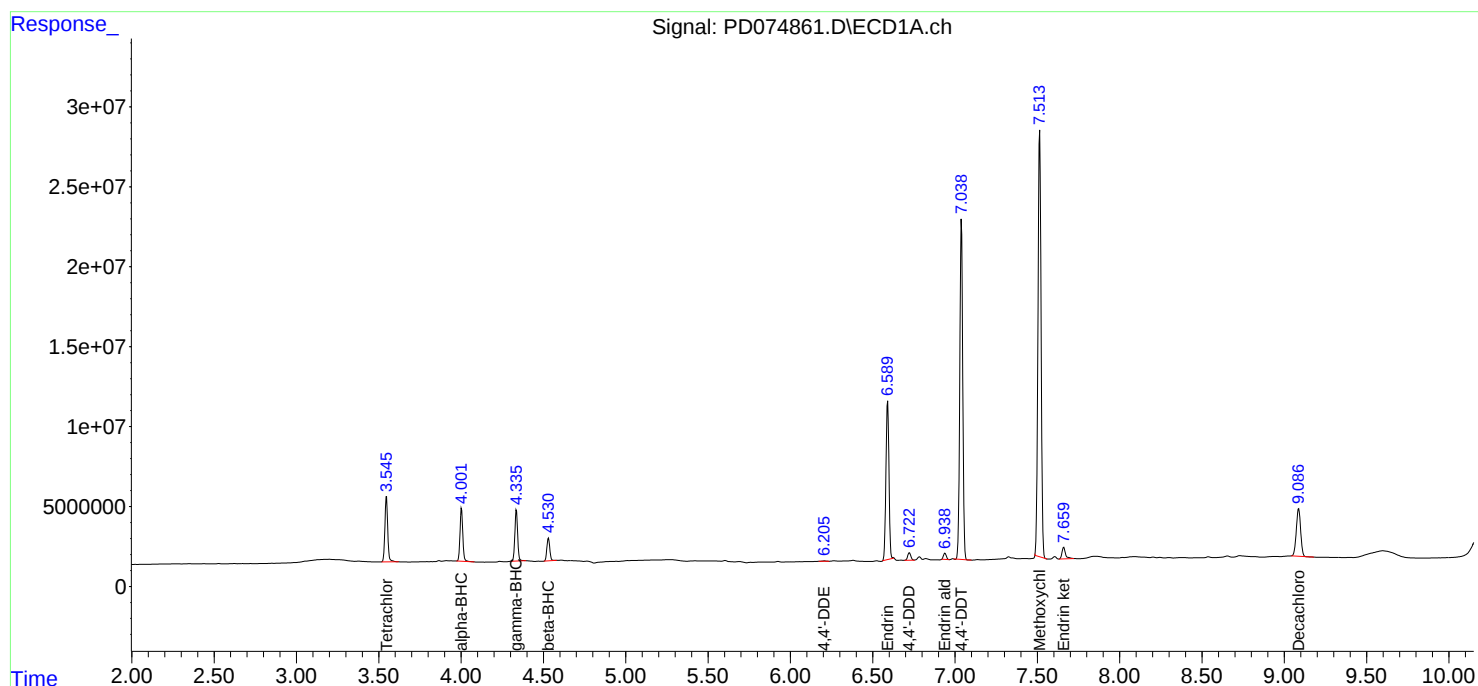
Instrument :
ECD_D
ClientSampleId :
PEM

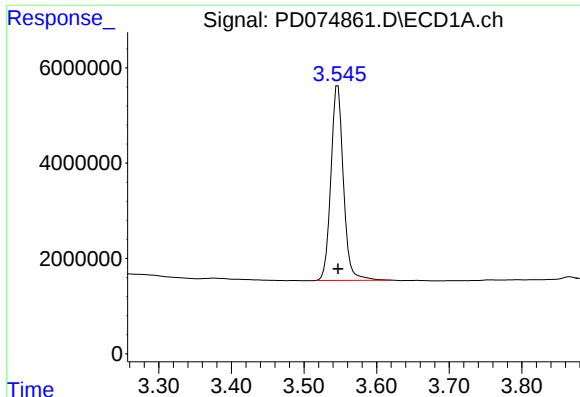
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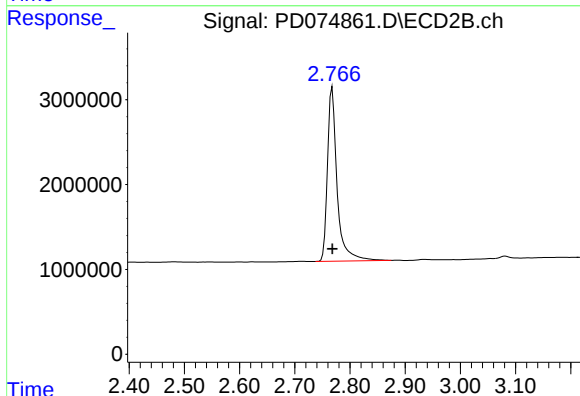
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 49198576
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

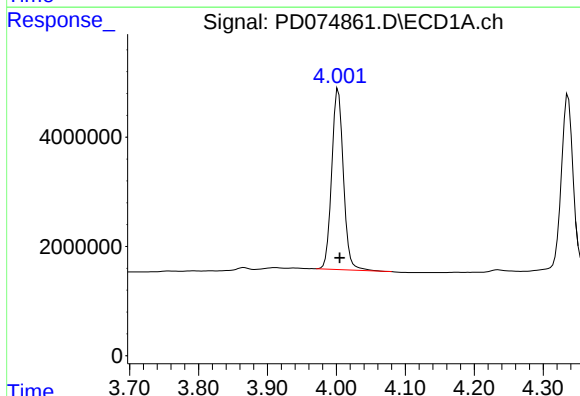
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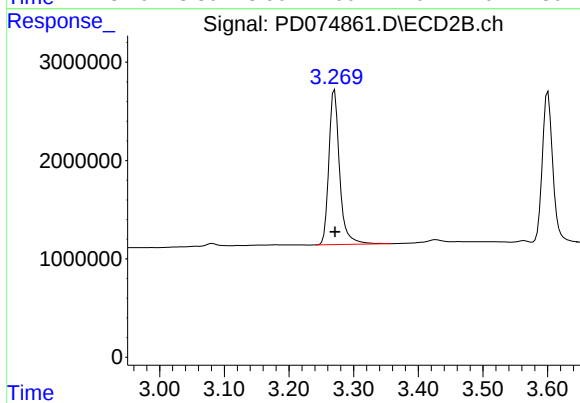
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 24896905
Conc: 19.10 ng/ml



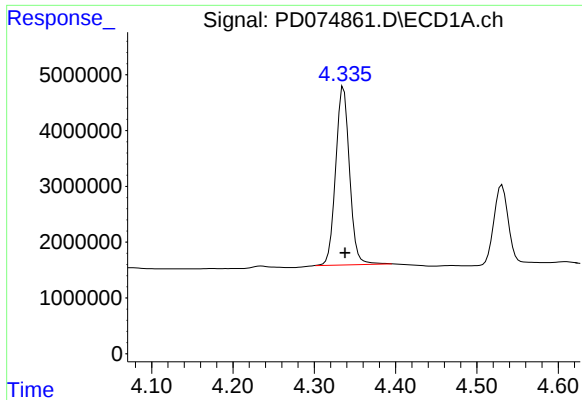
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 38806701
Conc: 9.33 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 18168852
Conc: 9.31 ng/ml



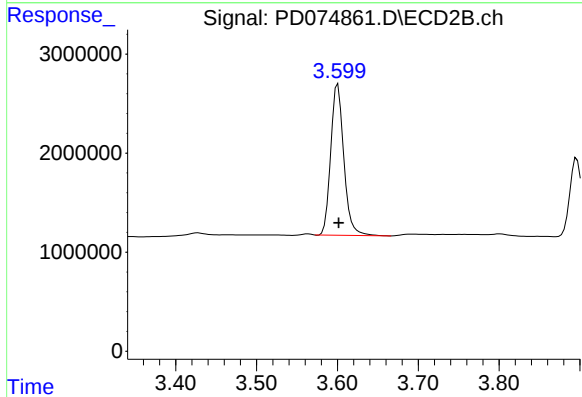
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 37794425
Conc: 9.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

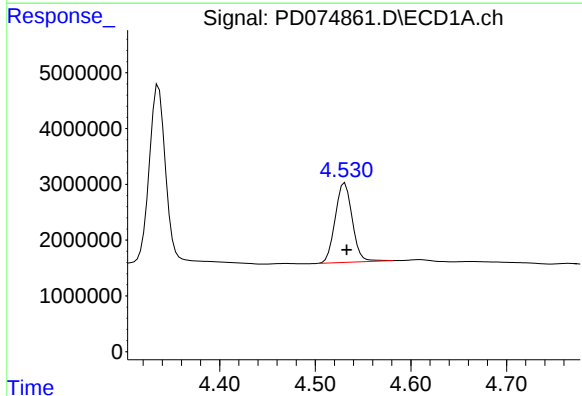
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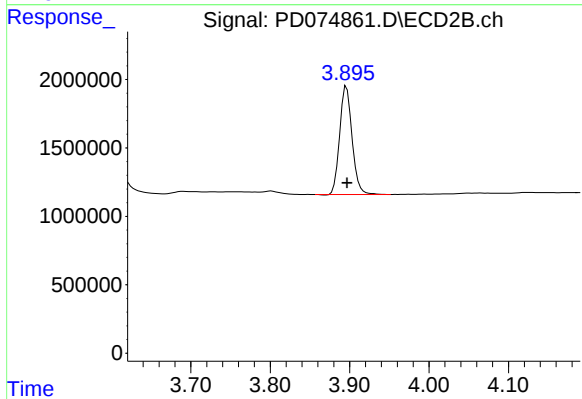
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 17165883
Conc: 9.46 ng/ml



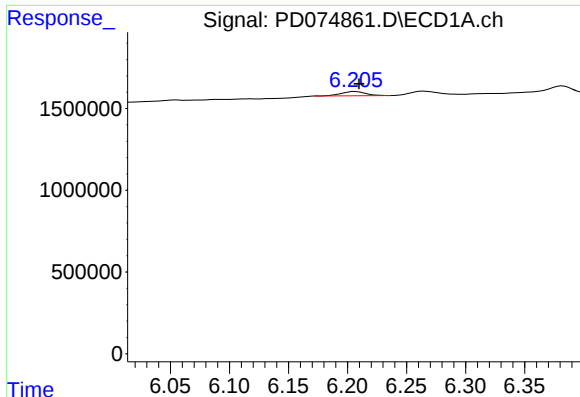
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 17697170
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 8637572
Conc: 10.63 ng/ml



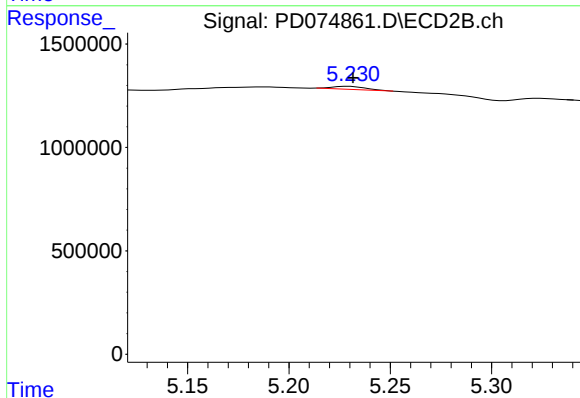
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 368493
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

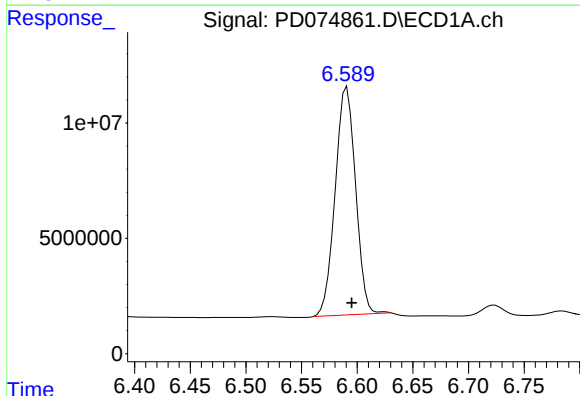
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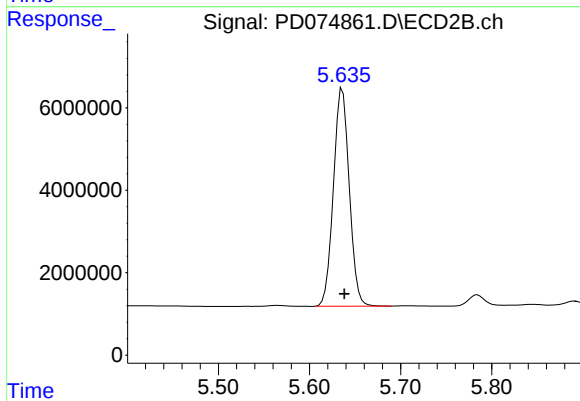
#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 160649
Conc: 0.10 ng/ml m



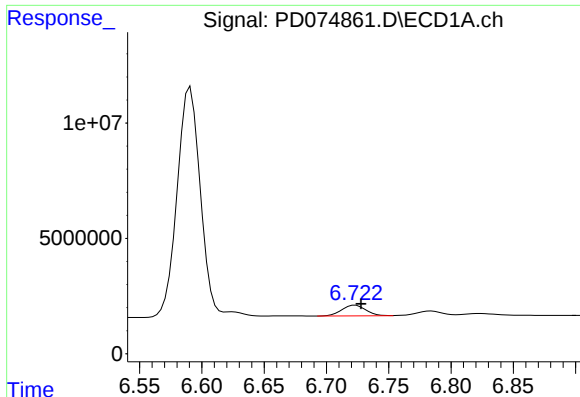
#14 Endrin

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 126134438
Conc: 43.41 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 63773725
Conc: 42.26 ng/ml



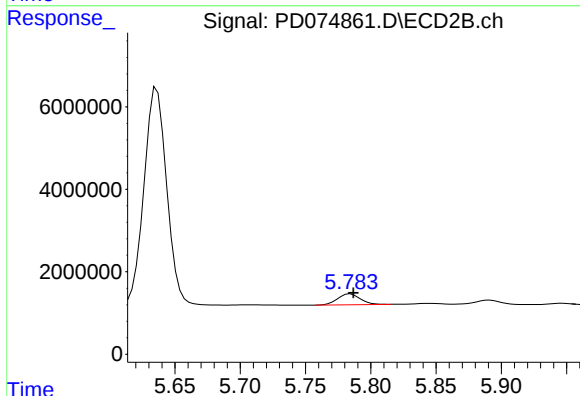
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 6286226
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

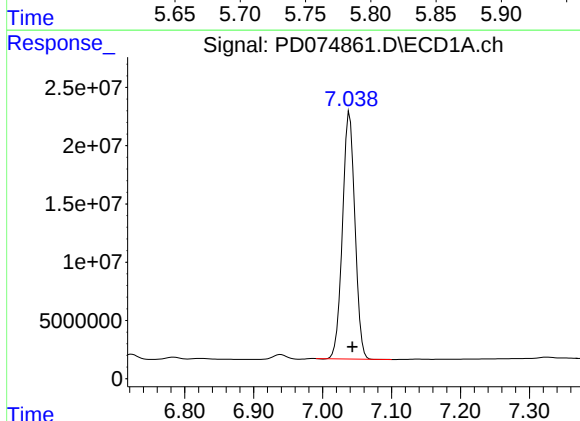
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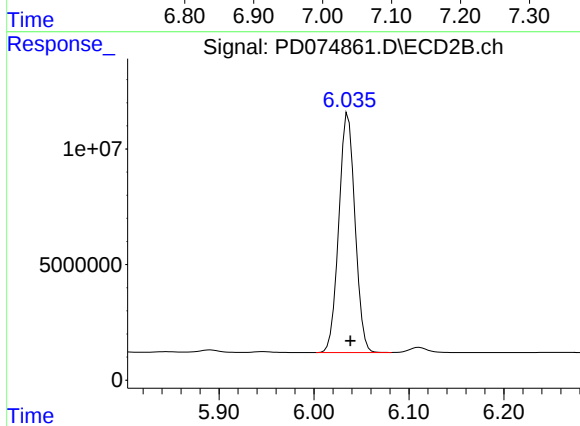
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 3158299
Conc: 2.40 ng/ml



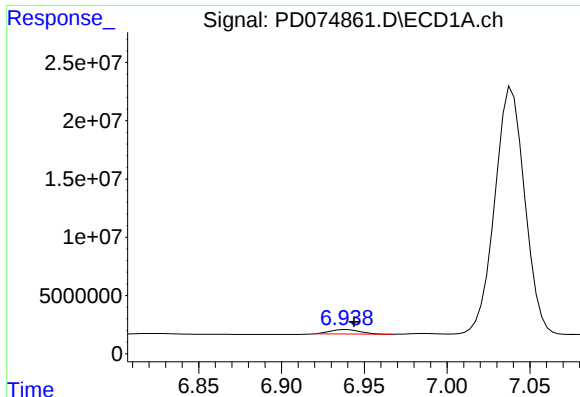
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 265888260
Conc: 91.26 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 122879261
Conc: 90.98 ng/ml



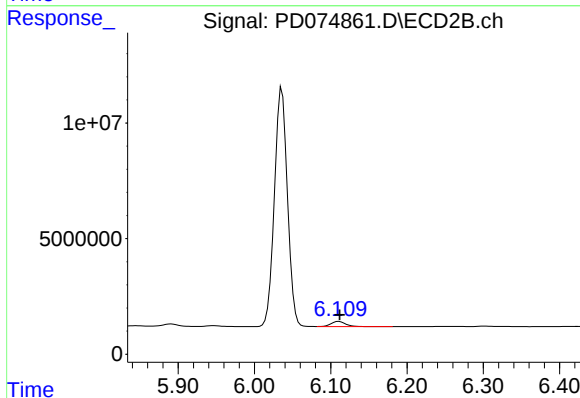
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 4731604
Conc: 2.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

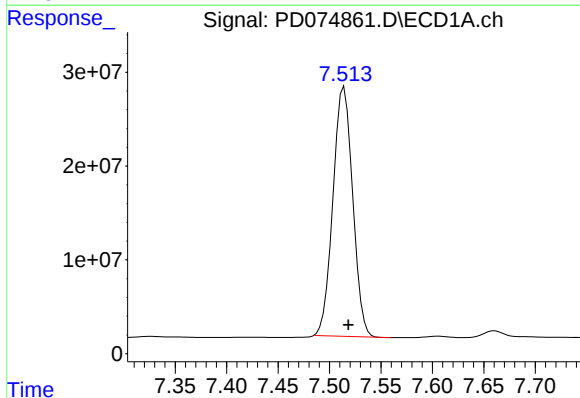
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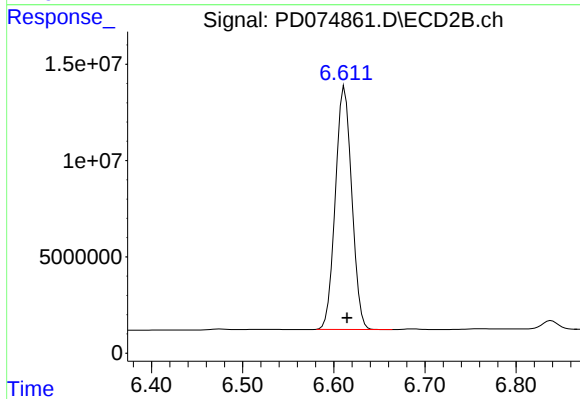
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 3069332
Conc: 2.75 ng/ml



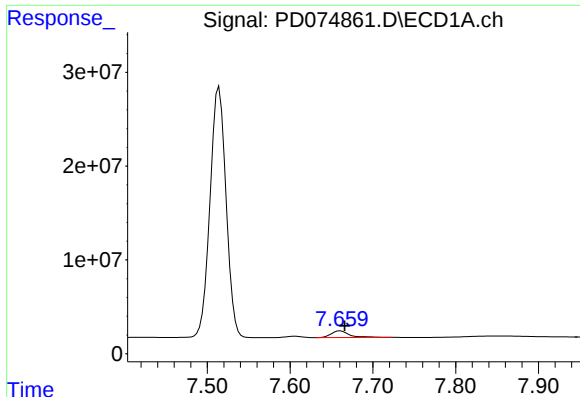
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 354140139
Conc: 217.47 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 157795114
Conc: 209.36 ng/ml



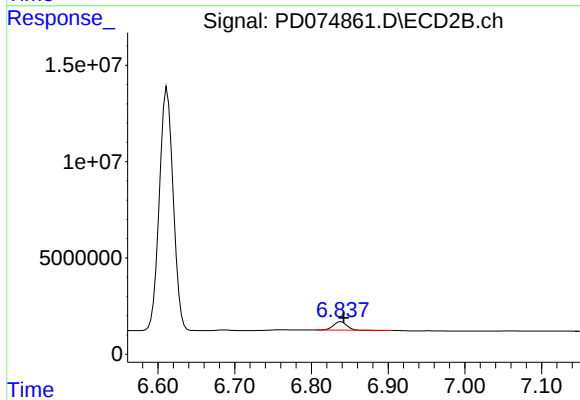
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 10952219
Conc: 3.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

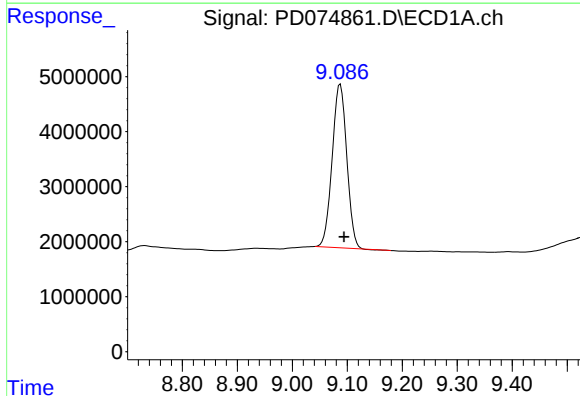
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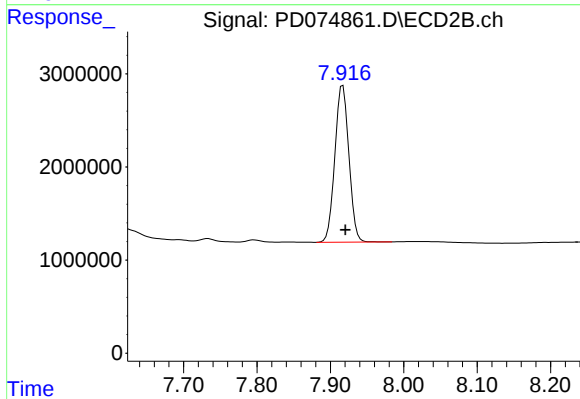
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 5303520
Conc: 3.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.007 min
Response: 54767959
Conc: 18.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: -0.003 min
Response: 22382733
Conc: 16.78 ng/ml