

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100322\
 Data File : PD072183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 22:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations APPROVED

Reviewed By : Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 04:56:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100322.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 04 04:48:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation

10/04/2022
 Supervised By : Ankita
 Jodhani

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	10/05/2022

System Monitoring Compounds							
1) SA Tetrachlo...	2.802	3.562	47869568	637.3E6	19.805	20.217	
28) SA Decachlor...	7.987	9.086	49430433	186.1E6	20.794	21.080	
Target Compounds							
2) A alpha-BHC	3.310	4.028	35267518	459.0E6	9.371	10.425	
3) MA gamma-BHC...	3.643	4.363	32713467	385.5E6	9.593	10.817	
6) B beta-BHC	3.942	4.570	16415876	154.9E6	9.808	10.961	
12) B 4,4'-DDE	5.288	6.218	735249	4766392	0.264	0.324m	
14) MA Endrin	5.696	6.612	120.8E6	550.8E6	47.106	43.826	
16) A 4,4'-DDD	5.845	6.745	3366417	21810961	1.438	1.877 #	
17) MA 4,4'-DDT	6.097	7.054	246.5E6	1060.2E6	106.142	92.086	
18) B Endrin al...	6.172	6.969	5960494	22857797	3.003	2.447	
20) A Methoxychlor	6.676	7.531	322.0E6	1239.4E6	241.083	221.032	
21) B Endrin ke...	6.904	7.693	11115629	40711968	3.816	3.325	

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

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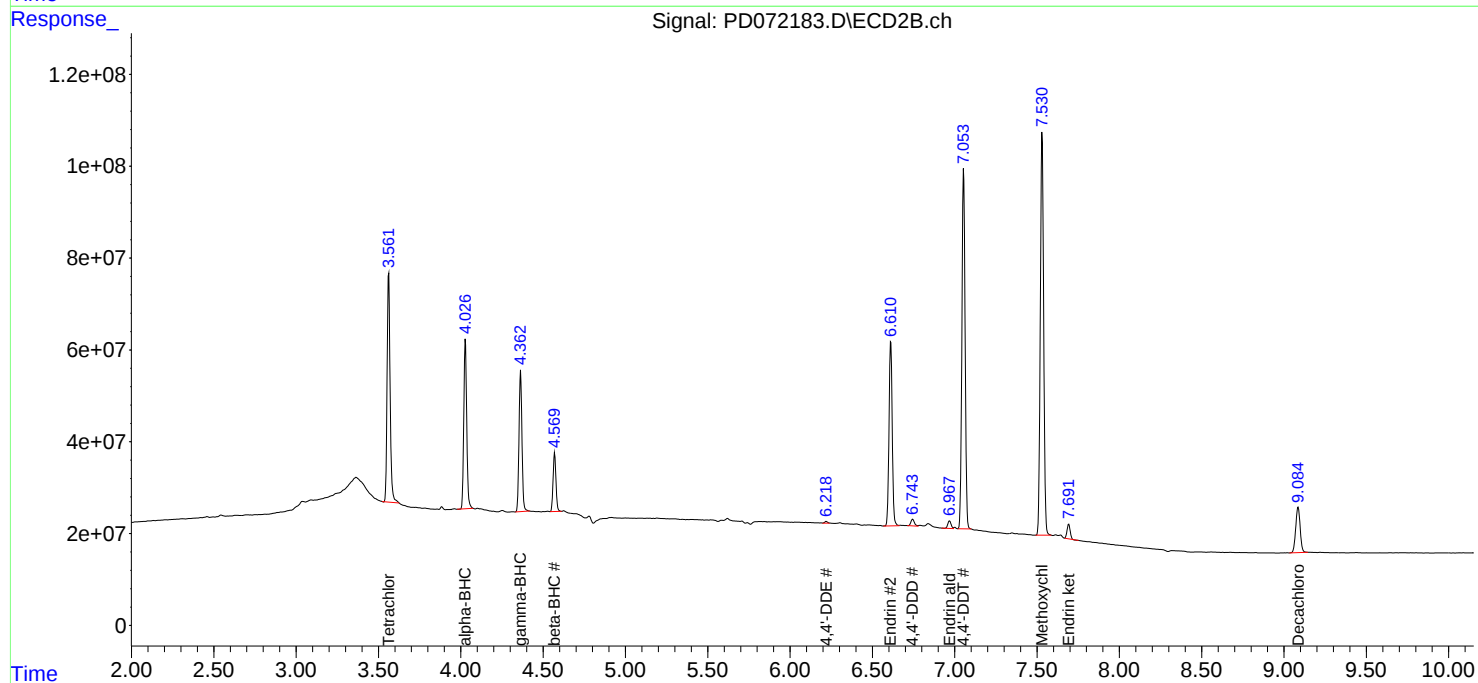
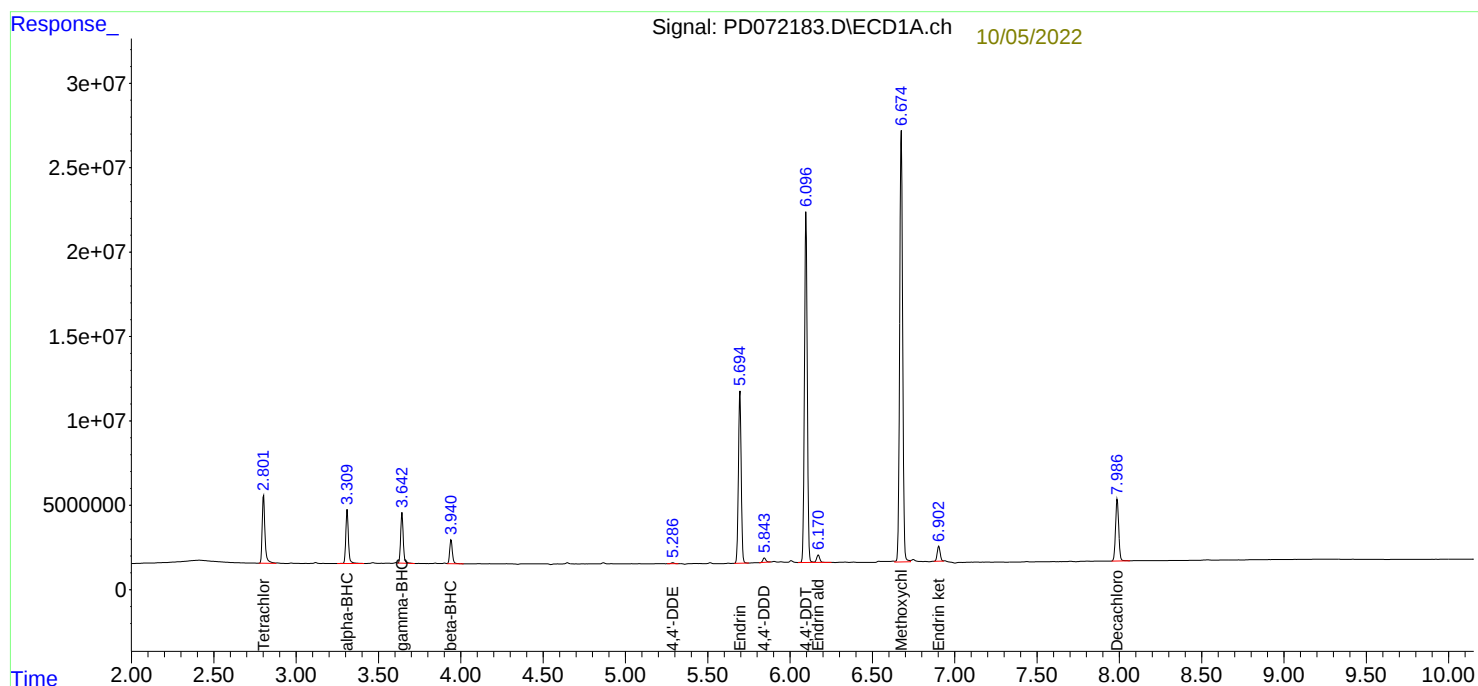
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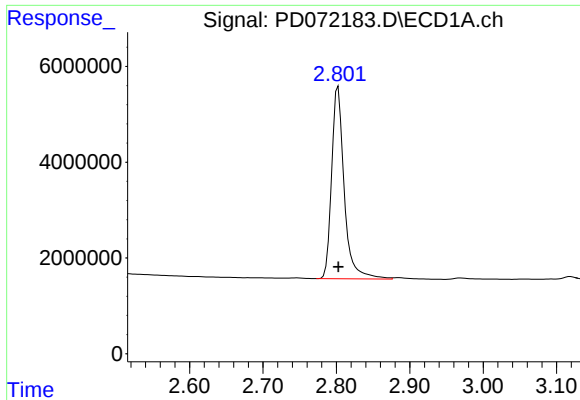
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Integration File signal 1: autoint1.e
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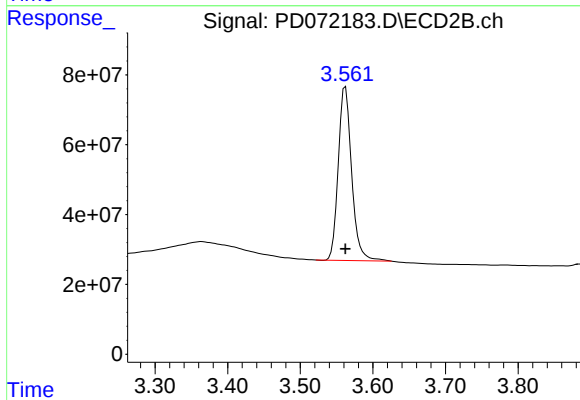
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 47869568
Conc: 19.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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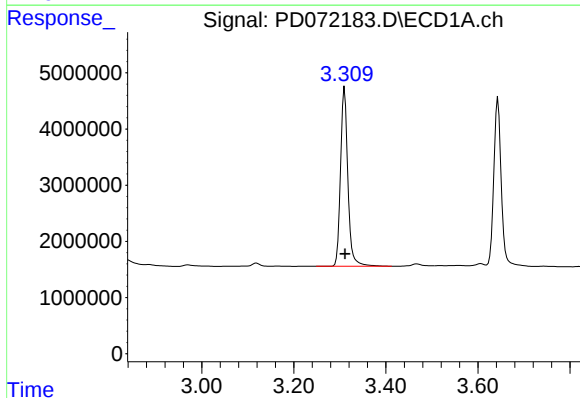


#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 637269254
Conc: 20.22 ng/ml

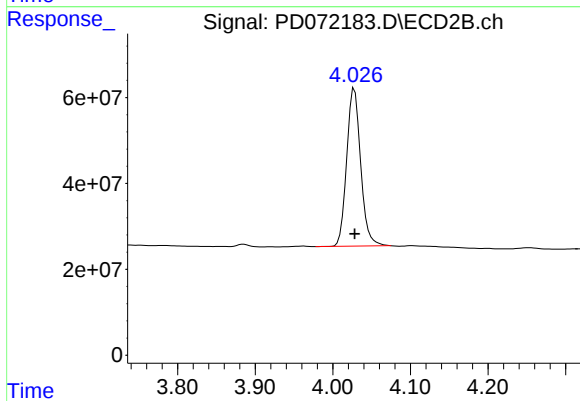
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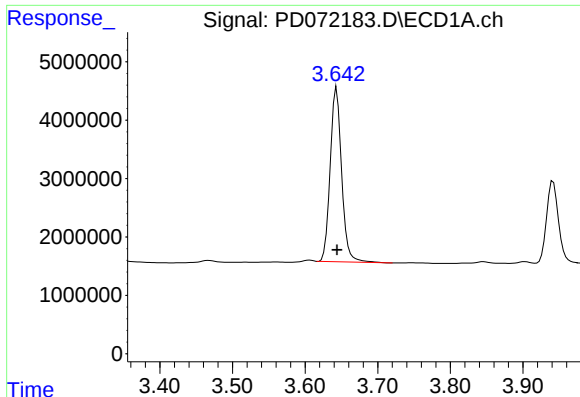
#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 35267518
Conc: 9.37 ng/ml



#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 459006730
Conc: 10.42 ng/ml



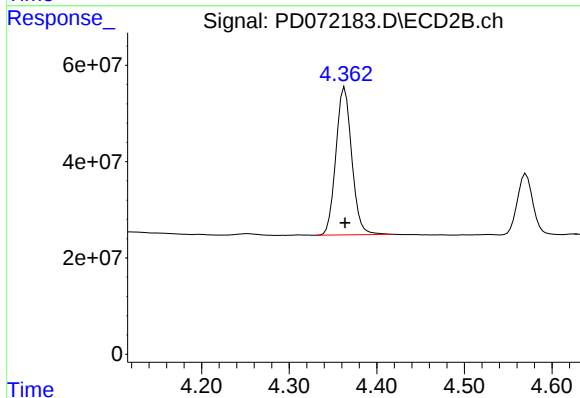
#3 gamma-BHC (Lindane)

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 32713467
Conc: 9.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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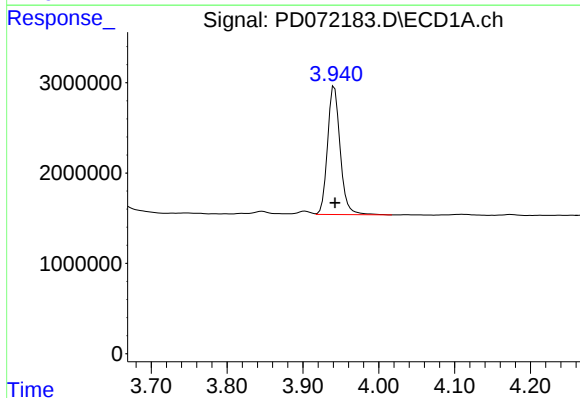


#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 385532350
Conc: 10.82 ng/ml

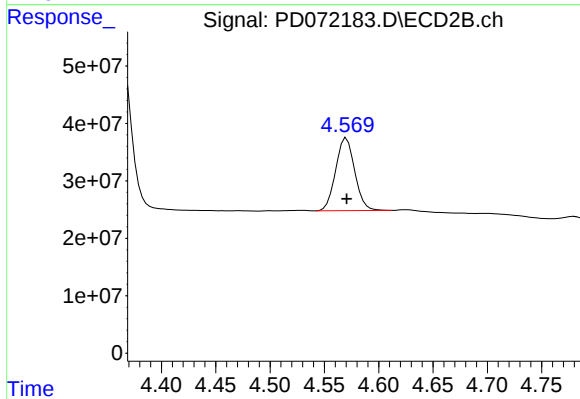
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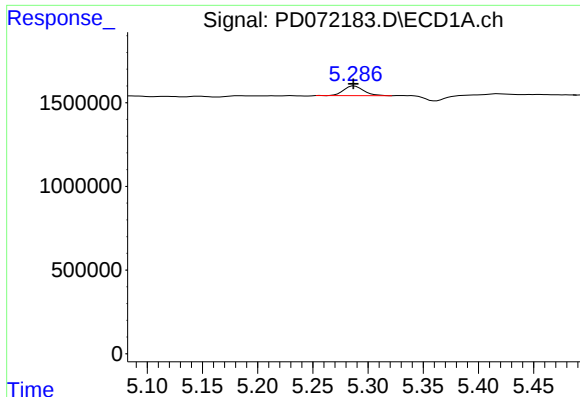
#6 beta-BHC

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 16415876
Conc: 9.81 ng/ml



#6 beta-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 154942377
Conc: 10.96 ng/ml



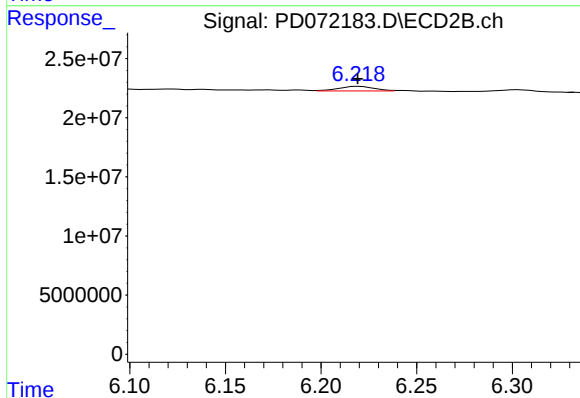
#12 4,4'-DDE

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 735249
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
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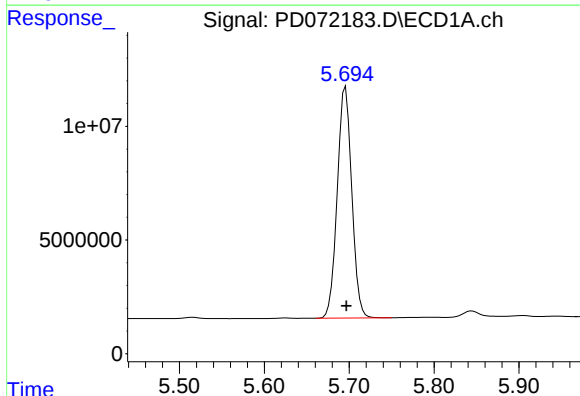


#12 4,4'-DDE

R.T.: 6.218 min
Delta R.T.: -0.001 min
Response: 4766392
Conc: 0.32 ng/ml m

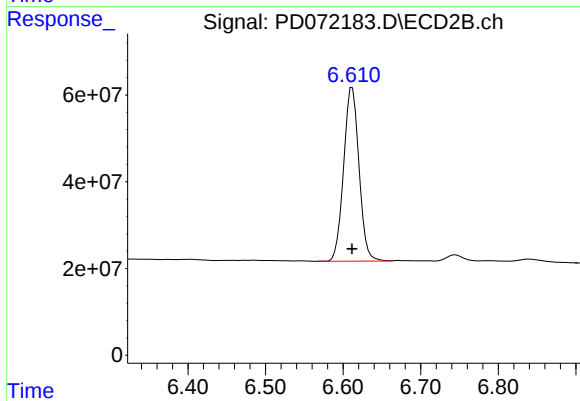
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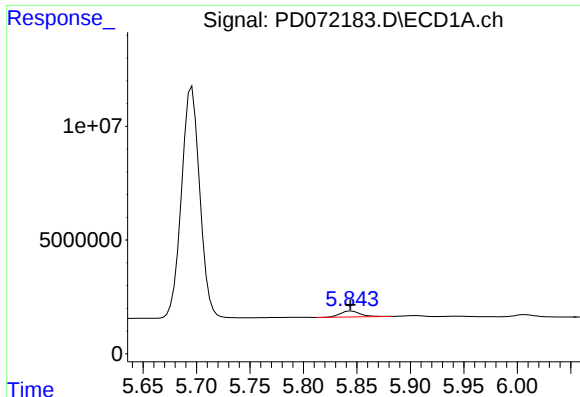
#14 Endrin

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 120764432
Conc: 47.11 ng/ml



#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 550836076
Conc: 43.83 ng/ml



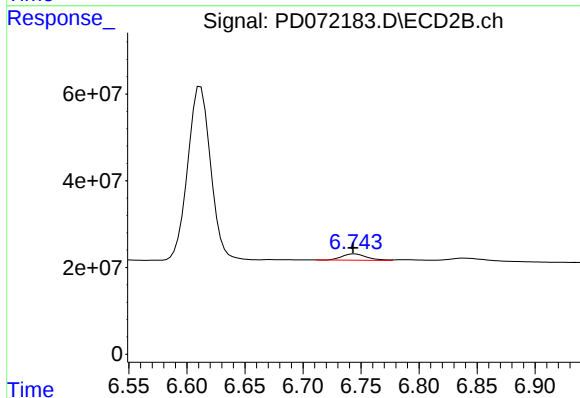
#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 3366417
Conc: 1.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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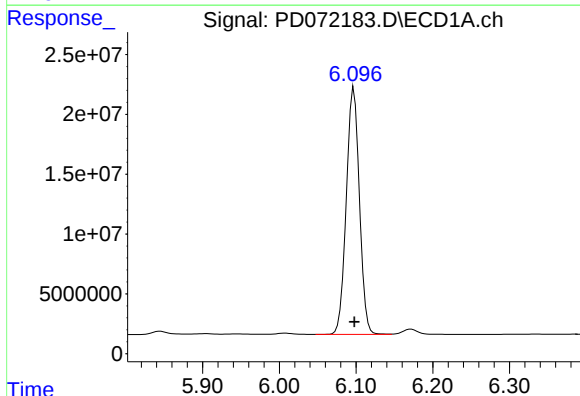


#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.001 min
Response: 21810961
Conc: 1.88 ng/ml

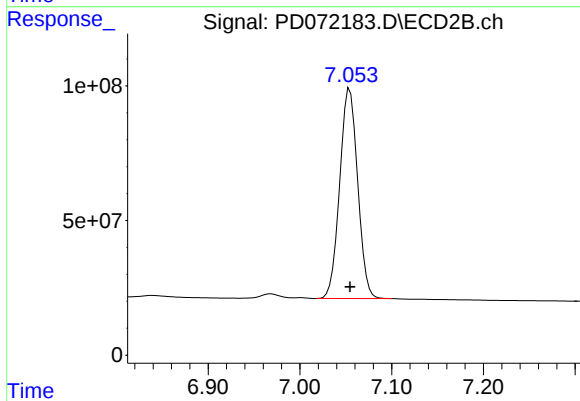
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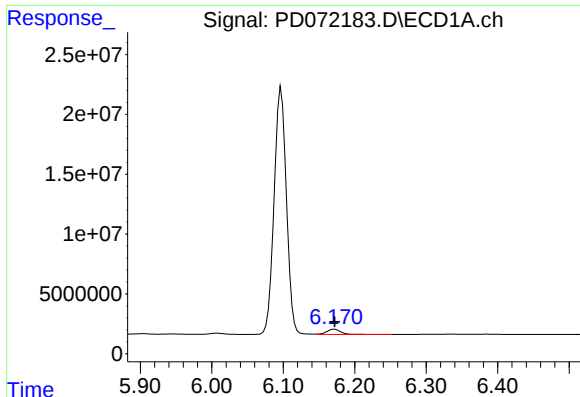
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 246500679
Conc: 106.14 ng/ml



#17 4,4'-DDT

R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 1060207537
Conc: 92.09 ng/ml



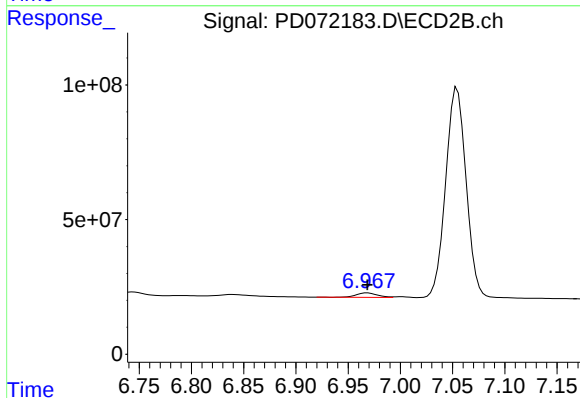
#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 5960494
Conc: 3.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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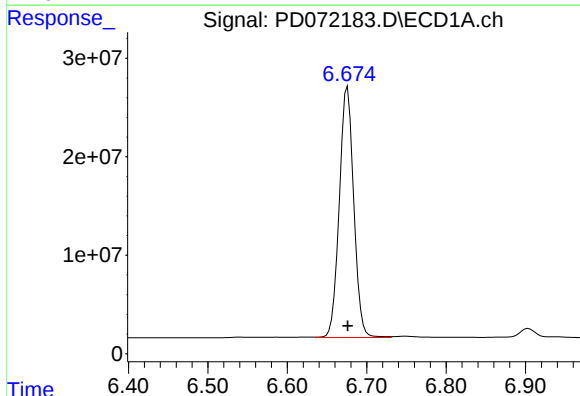


#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 22857797
Conc: 2.45 ng/ml

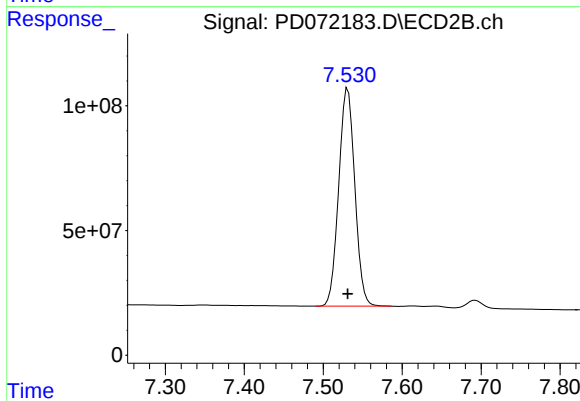
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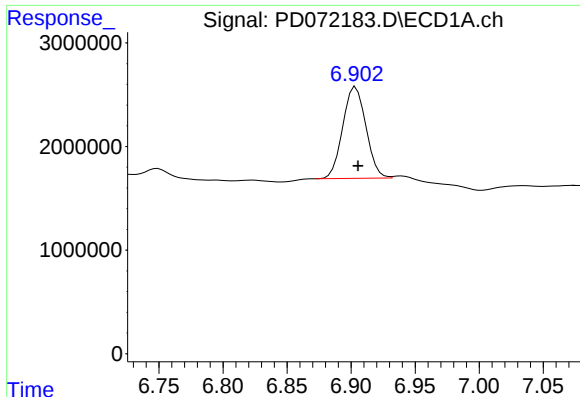
#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 322000957
Conc: 241.08 ng/ml



#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 1239364037
Conc: 221.03 ng/ml



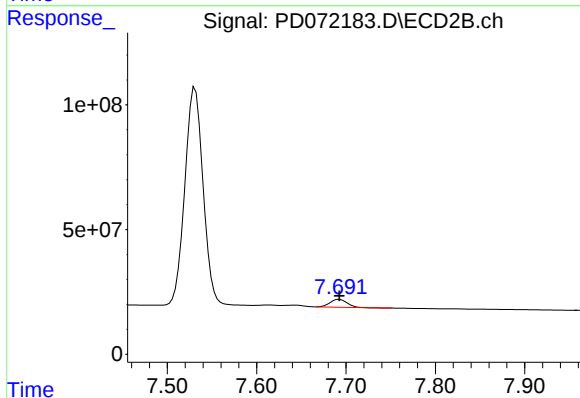
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 11115629
Conc: 3.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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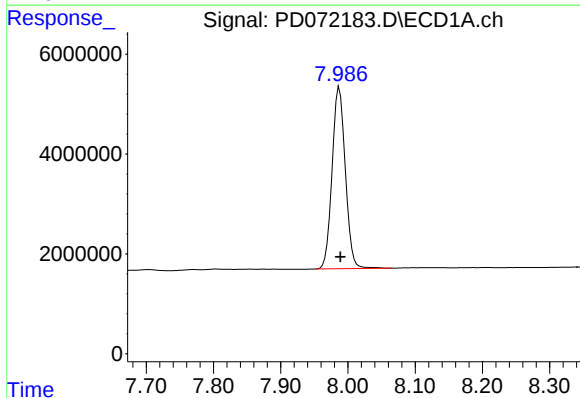


#21 Endrin ketone

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 40711968
Conc: 3.32 ng/ml

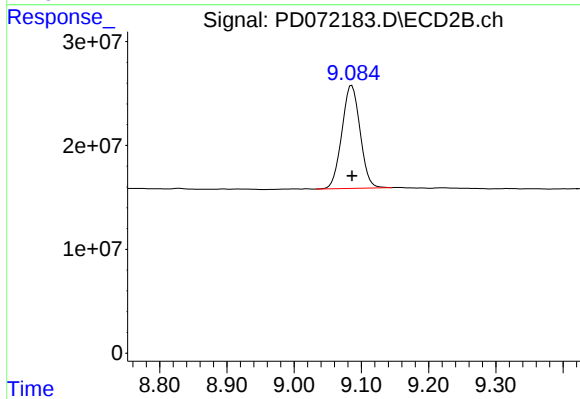
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#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.001 min
Response: 49430433
Conc: 20.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: 0.000 min
Response: 186101350
Conc: 21.08 ng/ml