

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032019\
 Data File : PD051895.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Mar 2019 9:34
 Operator : AJ\SJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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 3/21/2019 9:12:01 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:17:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.223	4.043	31548568	653.3E6	23.794	22.782
28)	SA Decachlor...	7.820	9.152	23363185	368.4E6	20.554	20.166
Target Compounds							
2)	A alpha-BHC	3.643	4.435	23312953	507.5E6	10.620	11.632
3)	MA gamma-BHC...	3.911	4.722	23962923	467.1E6	11.469	11.793
6)	B beta-BHC	4.156	4.892	10456240	221.9E6	11.876	12.348
12)	B 4,4'-DDE	5.287	6.391	332877	7996536	0.178m	0.259m#
14)	MA Endrin	5.651	6.765	92726248	1157.5E6	48.398	44.328
16)	A 4,4'-DDD	5.789	6.884	2807727	64594543	1.783m	2.630m#
17)	MA 4,4'-DDT	6.022	7.186	188.2E6	2089.8E6	117.810	103.163
18)	B Endrin al...	6.086	7.099	5285742	72344076	3.573	3.374
20)	A Methoxychlor	6.567	7.644	224.6E6	2418.1E6	252.933	219.690
21)	B Endrin ke...	6.768	7.796	8980493	87555326	4.851	3.875

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

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Acq On : 20 Mar 2019 9:34
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

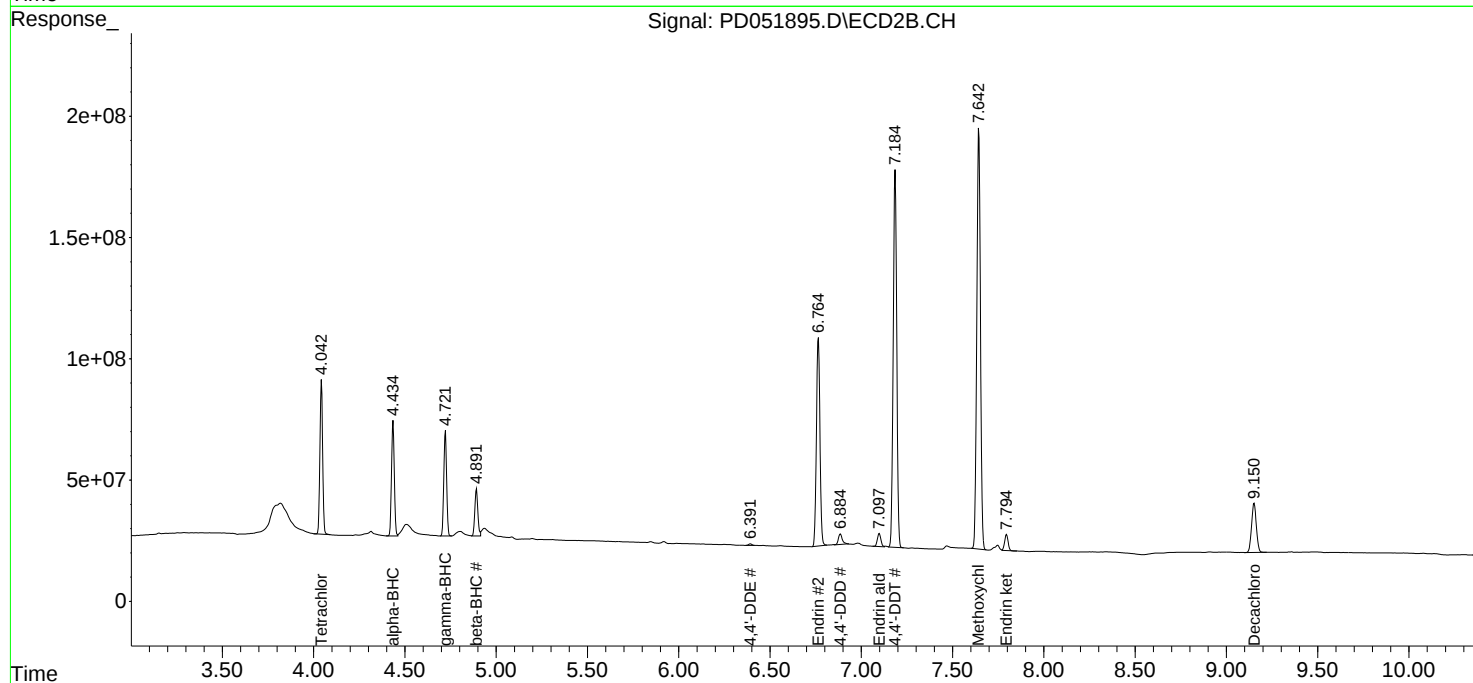
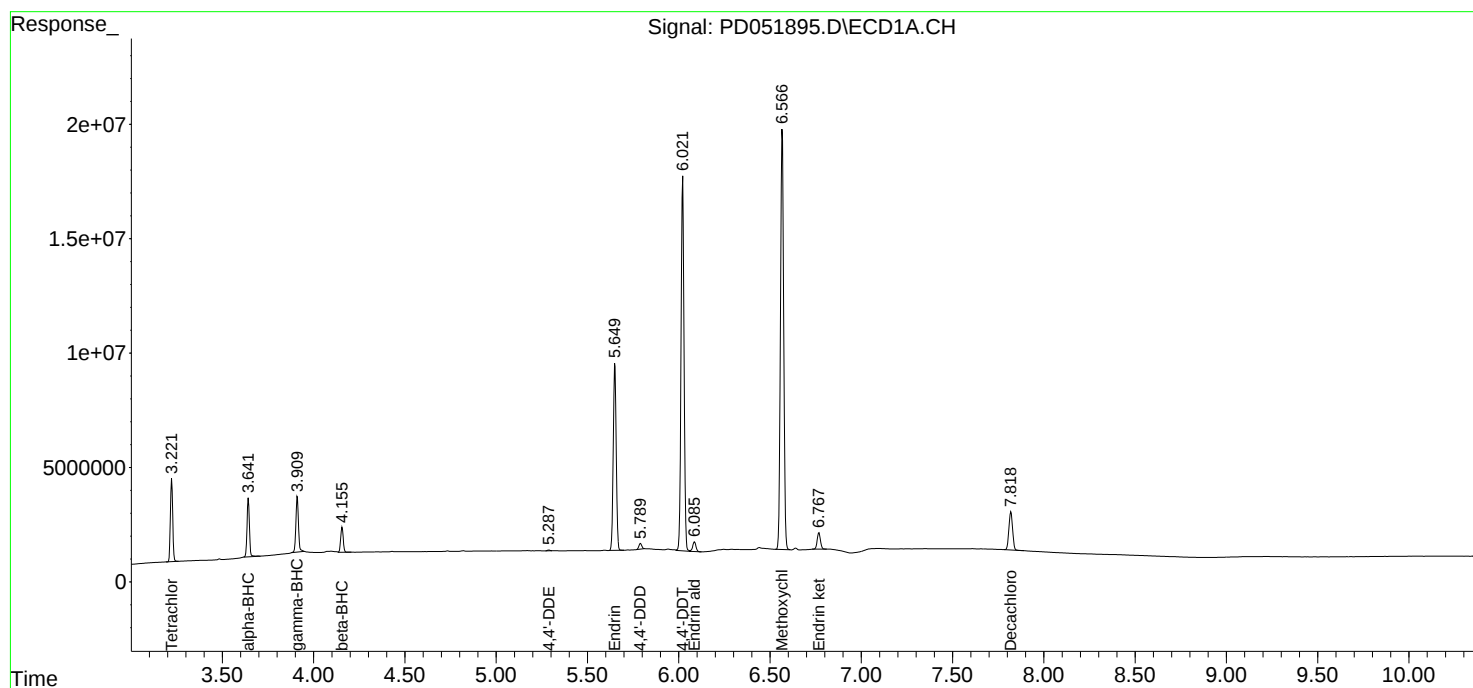
Instrument :
ECD_D
ClientSampled :
PEM

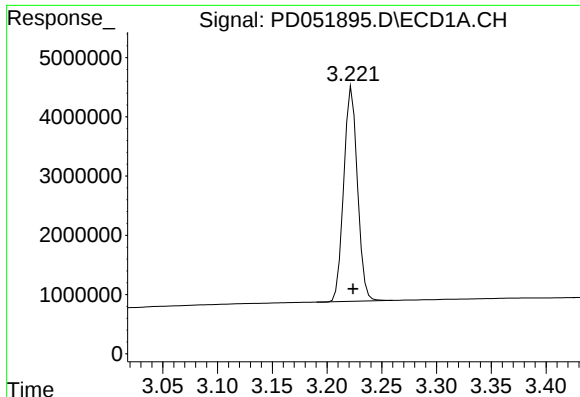
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





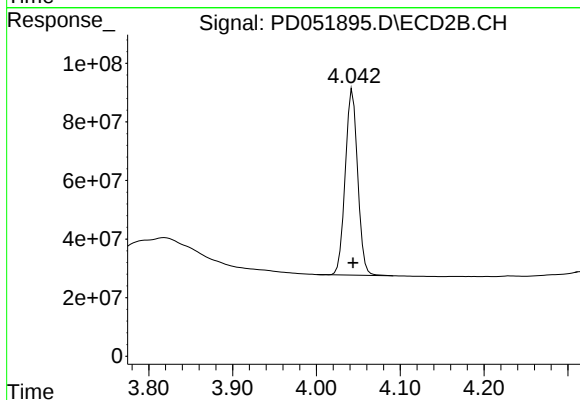
#1 Tetrachloro-m-xylene

R.T.: 3.223 min
Delta R.T.: -0.001 min
Response: 31548568
Conc: 23.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

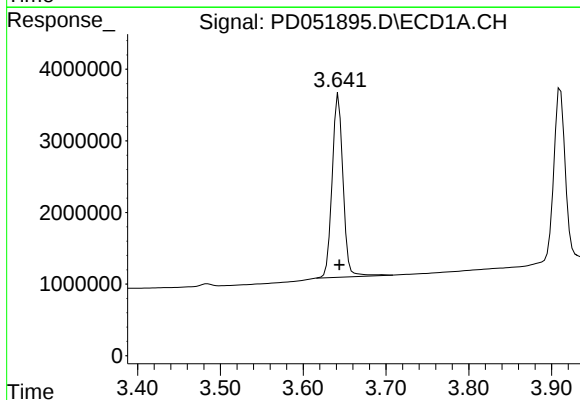
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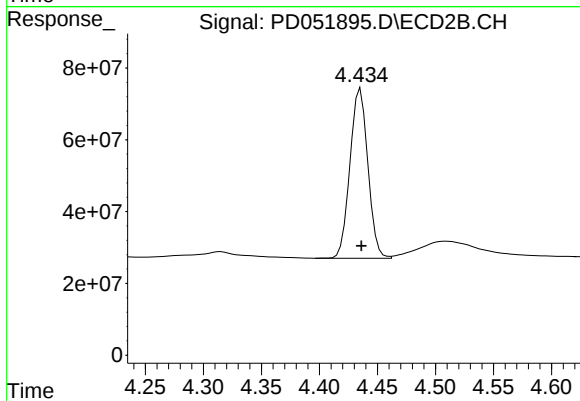
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 653329799
Conc: 22.78 ng/ml



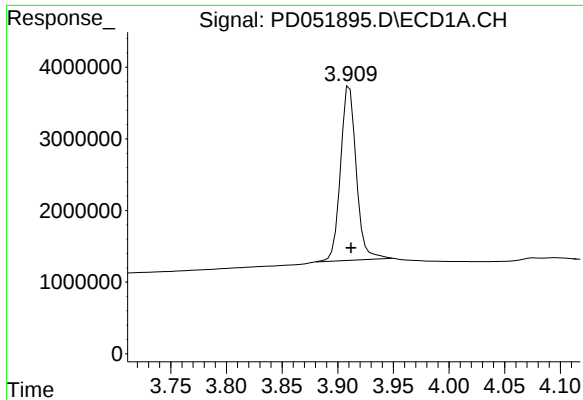
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 23312953
Conc: 10.62 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 507493647
Conc: 11.63 ng/ml



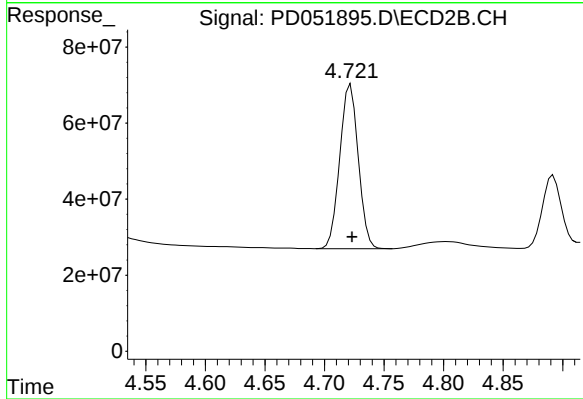
#3 gamma-BHC (Lindane)

R.T.: 3.911 min
Delta R.T.: -0.001 min
Response: 23962923
Conc: 11.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

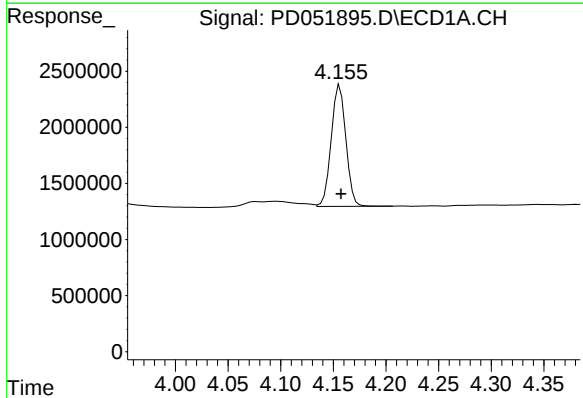
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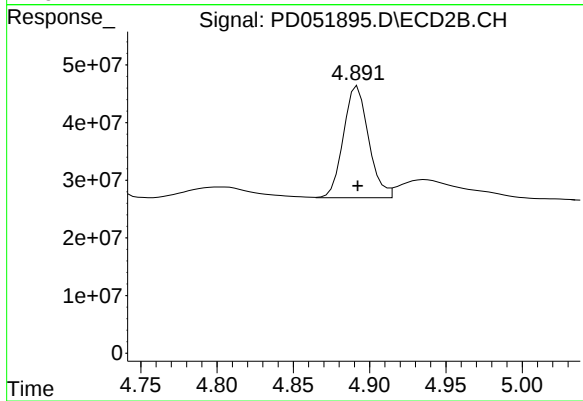
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 467089441
Conc: 11.79 ng/ml



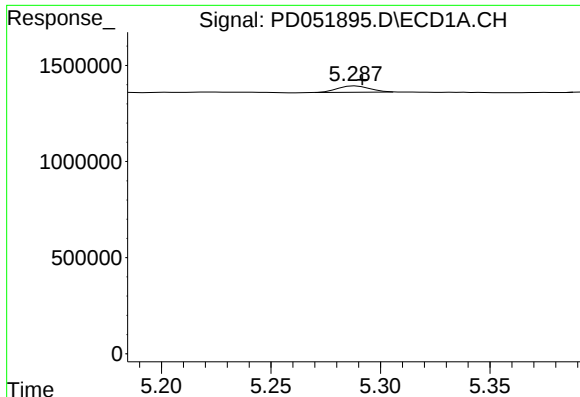
#6 beta-BHC

R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 10456240
Conc: 11.88 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 221929036
Conc: 12.35 ng/ml



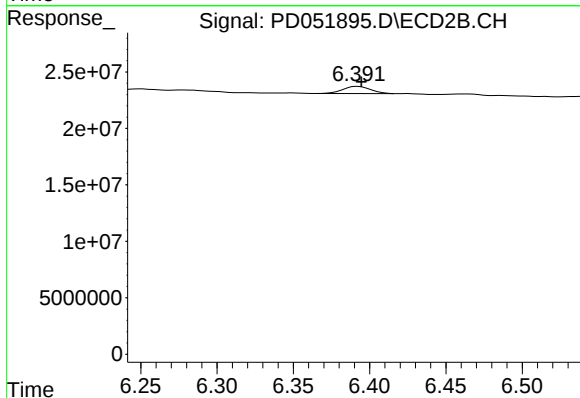
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 332877
Conc: 0.18 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

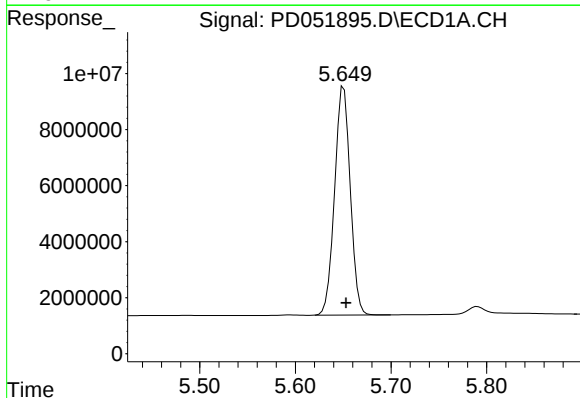
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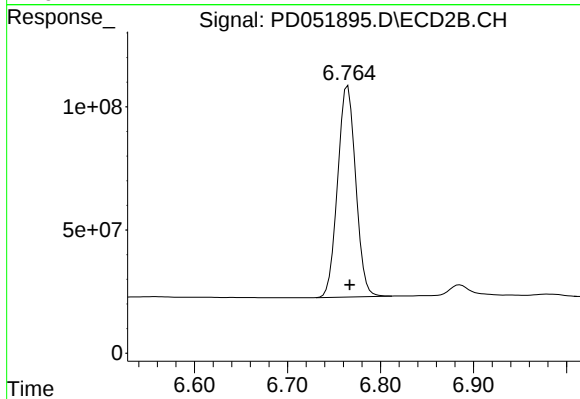
#12 4,4'-DDE

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 7996536
Conc: 0.26 ng/ml m



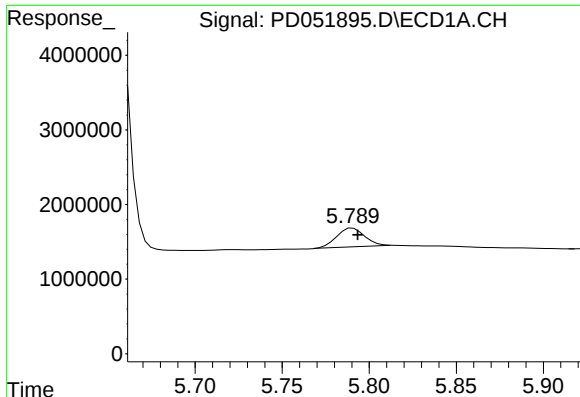
#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 92726248
Conc: 48.40 ng/ml



#14 Endrin

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1157483390
Conc: 44.33 ng/ml



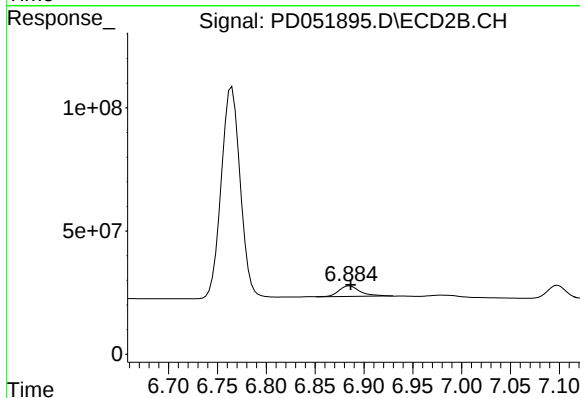
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 2807727
Conc: 1.78 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

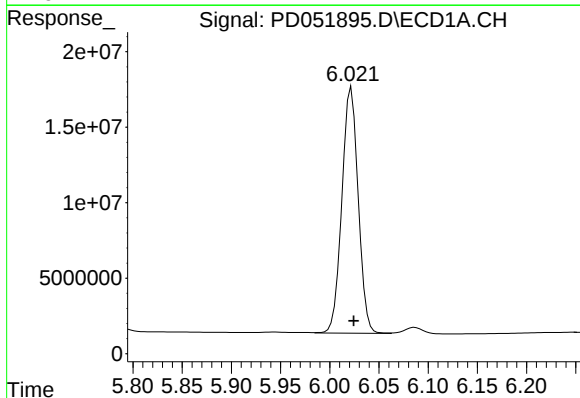
Manual Integrations
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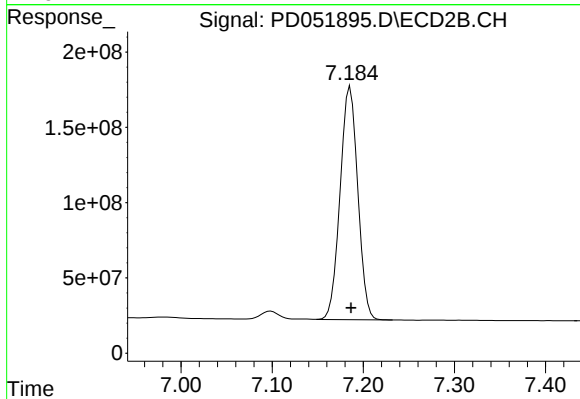
#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 64594543
Conc: 2.63 ng/ml m



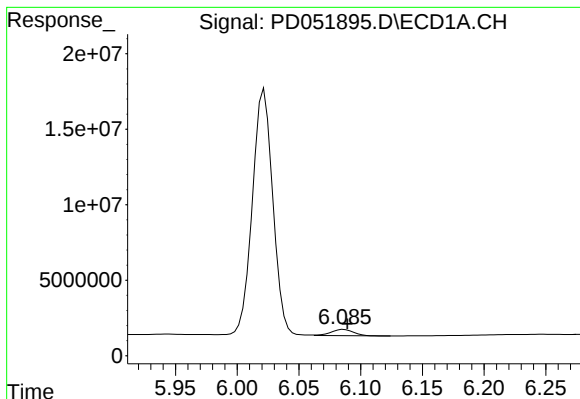
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 188222846
Conc: 117.81 ng/ml



#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 2089762773
Conc: 103.16 ng/ml



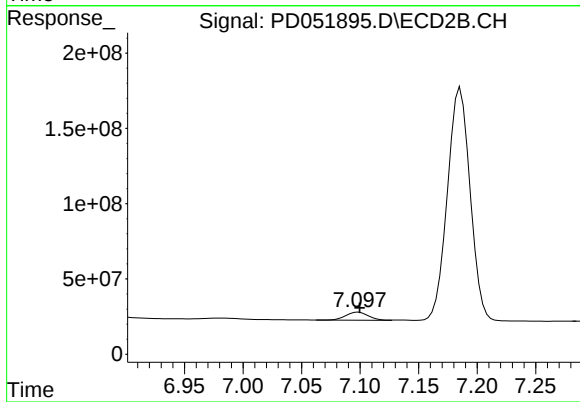
#18 Endrin aldehyde

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 5285742
Conc: 3.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

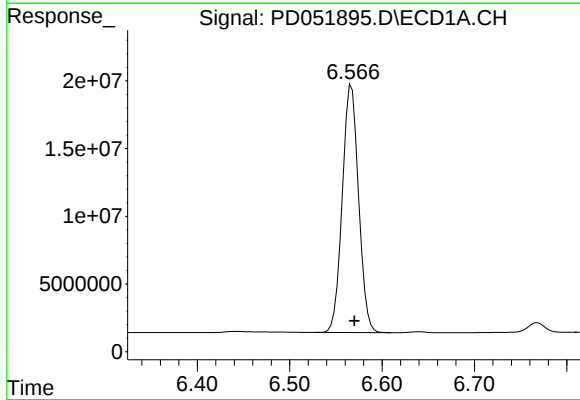
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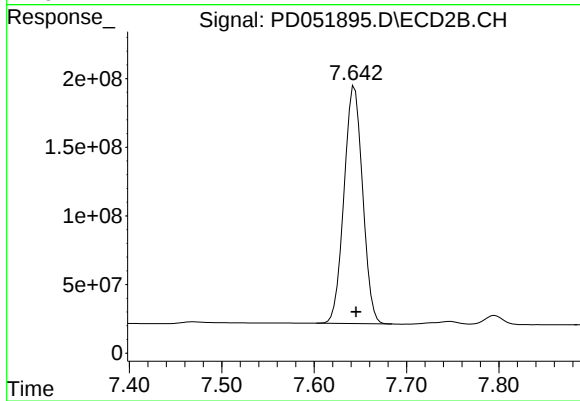
#18 Endrin aldehyde

R.T.: 7.099 min
Delta R.T.: -0.001 min
Response: 72344076
Conc: 3.37 ng/ml



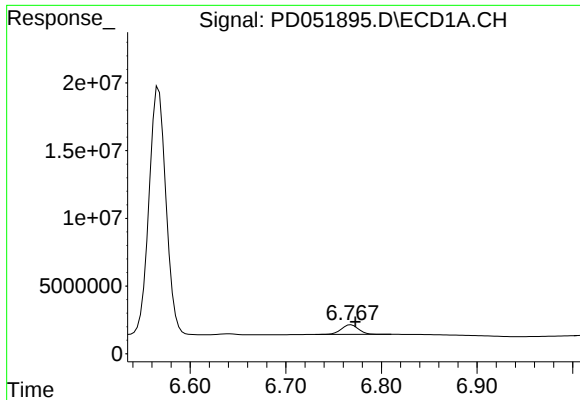
#20 Methoxychlor

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 224622158
Conc: 252.93 ng/ml



#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 2418097118
Conc: 219.69 ng/ml



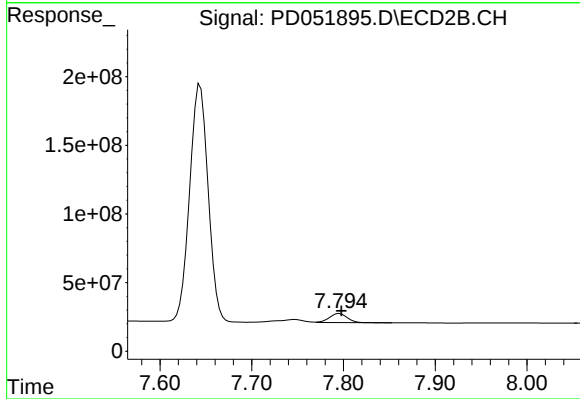
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 8980493
Conc: 4.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

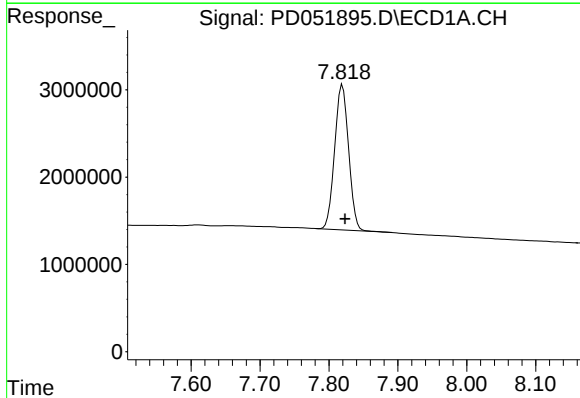
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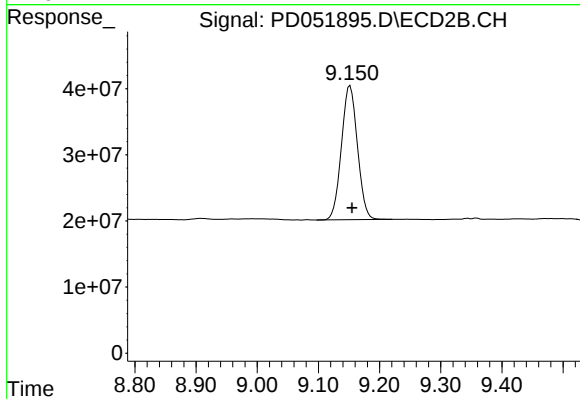
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 87555326
Conc: 3.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.004 min
Response: 23363185
Conc: 20.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: -0.003 min
Response: 368373631
Conc: 20.17 ng/ml