

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071521\
Data File : PD064266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2021 10:15
Operator : AR\AJ
Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

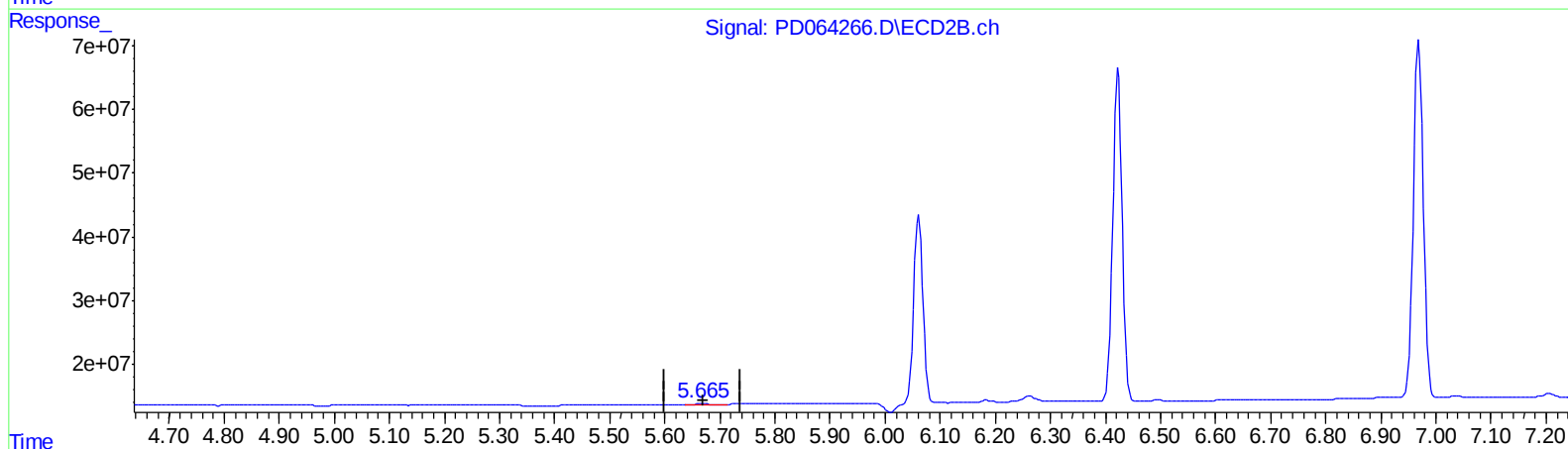
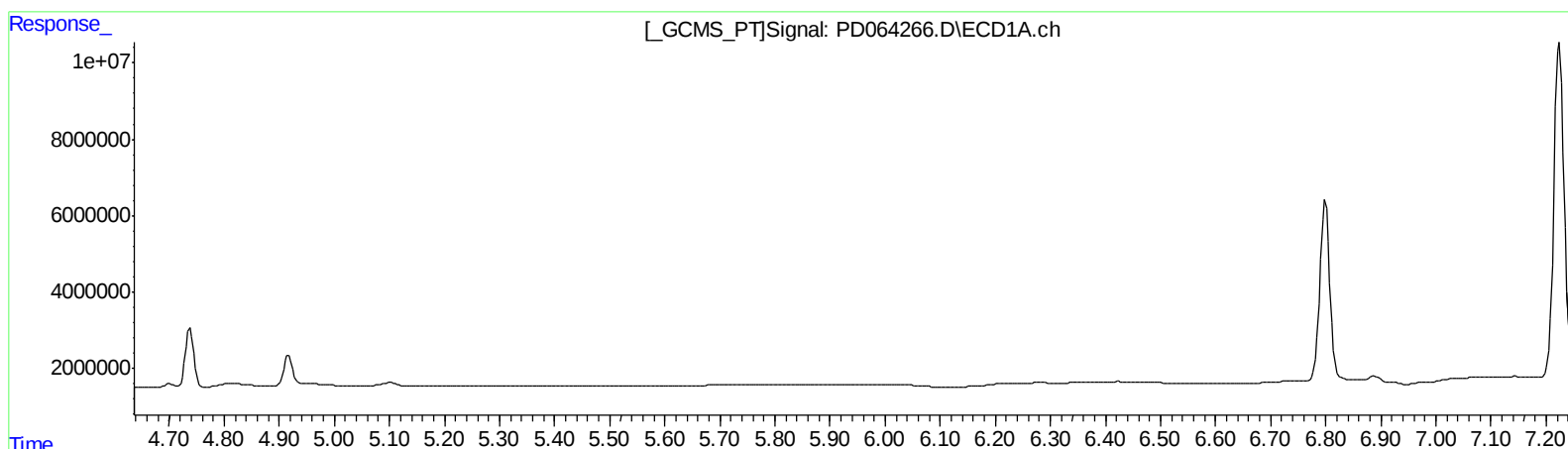
Instrument :
ECD_D
LabSampleId :
PEM50

Manual Integrations
APPROVED

mohammad
7/16/2021 9:08:06 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 05:58:07 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Wed Jul 14 06:42:28 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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



QEdit

(12) 4,4'-DDE (B)
0.000min 0.000 ng/ml
response 0

(12) 4,4'-DDE #2 (B)
5.667min 0.244 ng/ml
response 2041652

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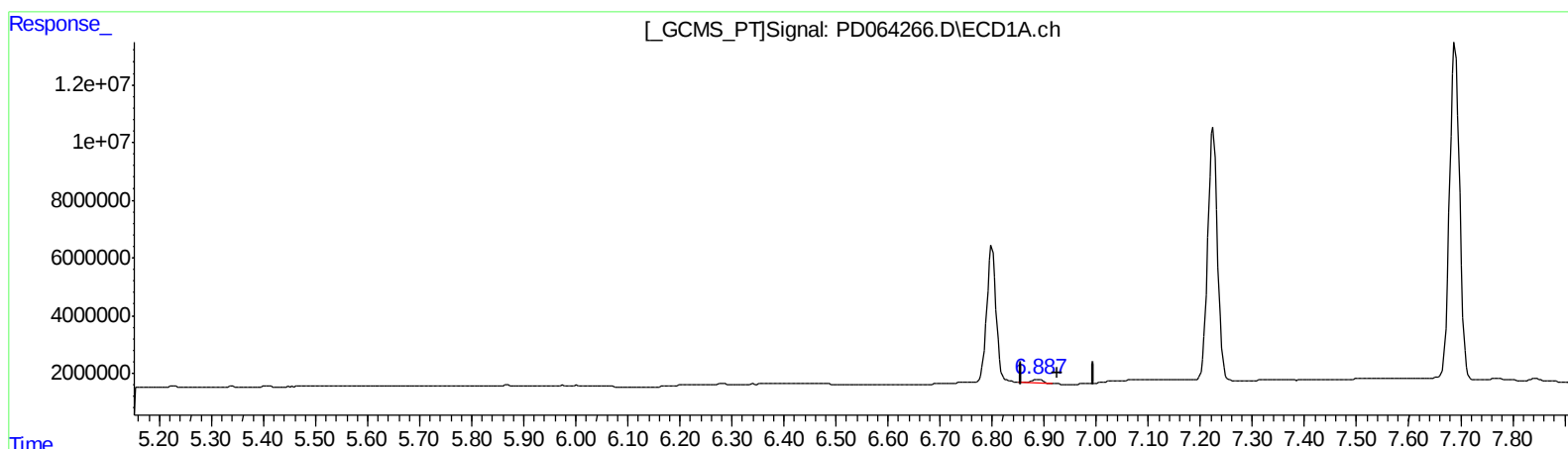
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(16) 4,4'-DDD (A)
6.888min 1.784 ng/ml
response 2031564

(16) 4,4'-DDD #2 (A)
6.184min 0.591 ng/ml
response 3974308

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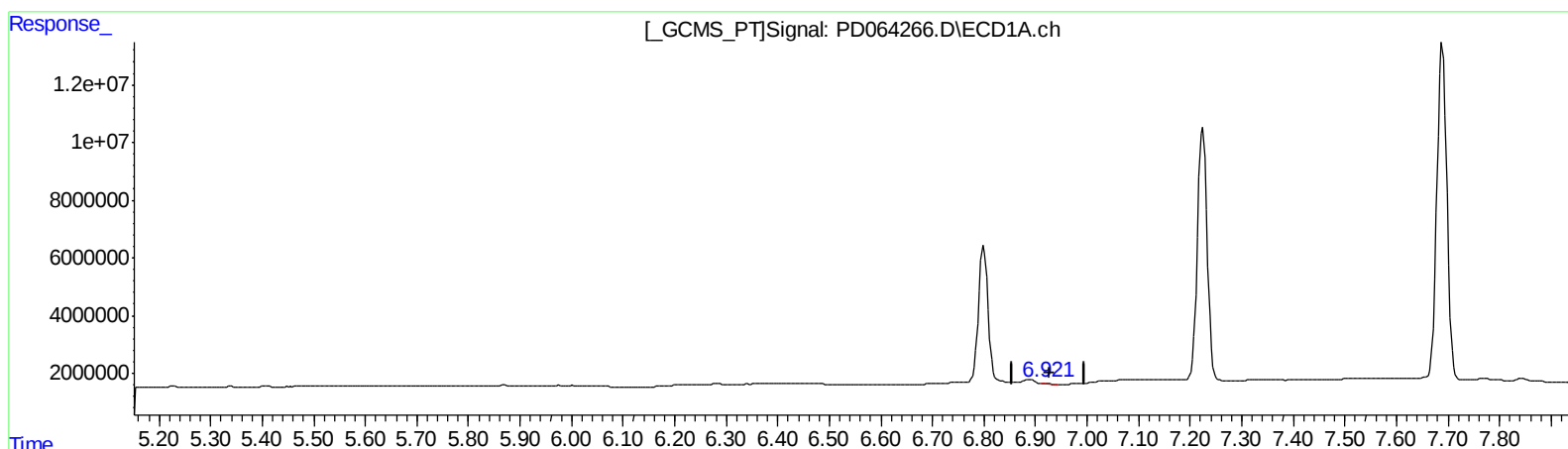
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(16) 4,4'-DDD (A)
6.921min 0.179 ng/ml m
response 204150

(16) 4,4'-DDD #2 (A)
6.184min 0.591 ng/ml
response 3974308

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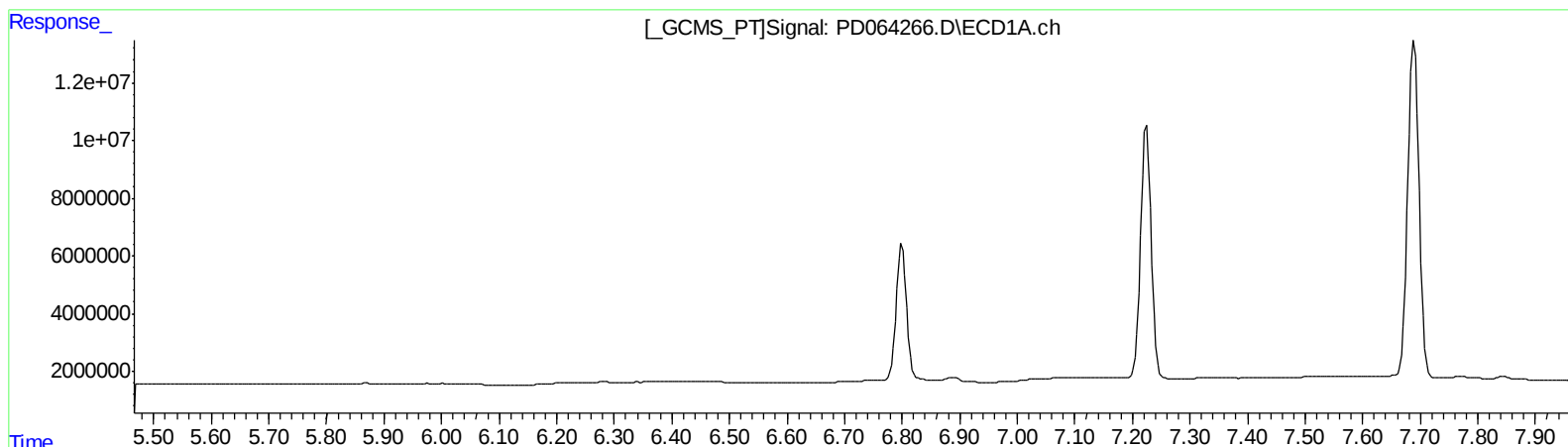
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(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

6.496min 0.412 ng/ml

response 2282212

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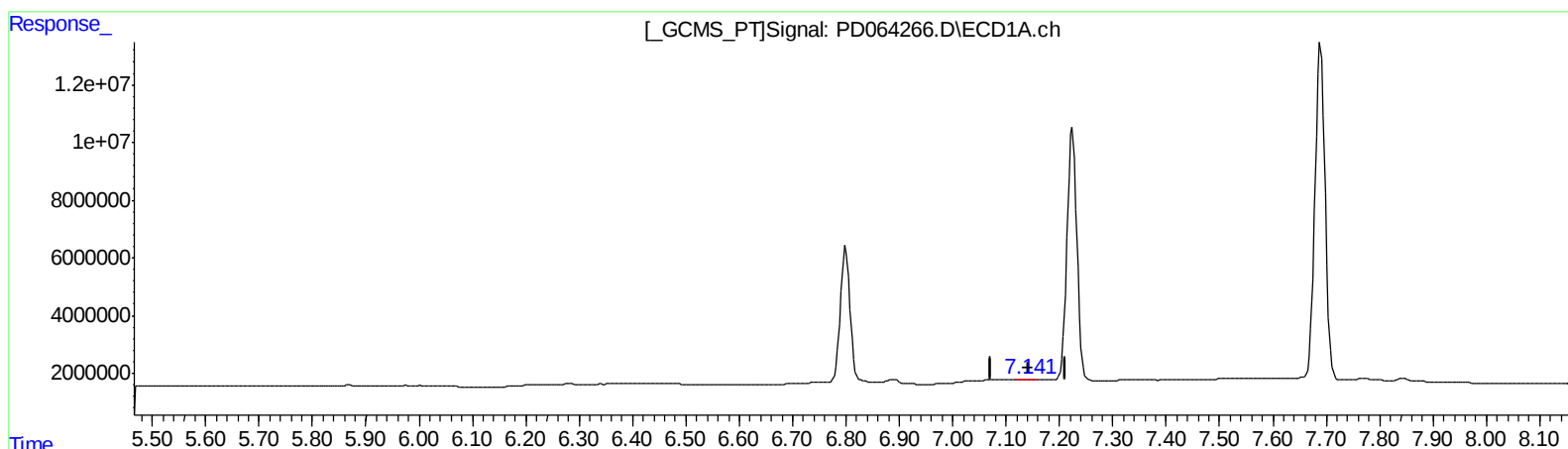
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

7.141min 0.230 ng/ml m

response 236506

(18) Endrin aldehyde #2 (B)

6.496min 0.412 ng/ml

response 2282212

QEdit

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.046	3.513	25561354	201.0E6	19.105	20.120
27) SA Decachlor...	9.208	8.255	26286719	103.7E6	24.510	19.849
Target Compounds						
2) A alpha-BHC	4.447	3.952	16846079	144.9E6	9.048	10.835
3) MA gamma-BHC...	4.738	4.234	15771055	128.1E6	8.858	10.527
6) B beta-BHC	4.917	4.480	8997631	67092905	10.722	12.346
12) B 4,4'-DDE	6.423	5.665	349949	1784615	0.253m	0.213m
14) MA Endrin	6.800	6.061	59884711	357.6E6	50.721	49.060
16) A 4,4'-DDD	6.921	6.184	204150	3974308	0.179m	0.591 #
17) MA 4,4'-DDT	7.224	6.423	113.2E6	629.3E6	98.094	89.883
18) B Endrin al...	7.141	6.496	236506	2282212	0.230m	0.412 #
20) A Methoxychlor	7.689	6.969	154.0E6	709.6E6	240.006	229.946
21) B Endrin ke...	7.843	7.206	1357648	6956783	1.022	1.027

AT
 07/20/21

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