

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010220\
Data File : PD056858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jan 2020 21:40
Operator : AJ\MA
Sample : PEM02
Misc :
ALS Vial : 3 Sample Multiplier: 1

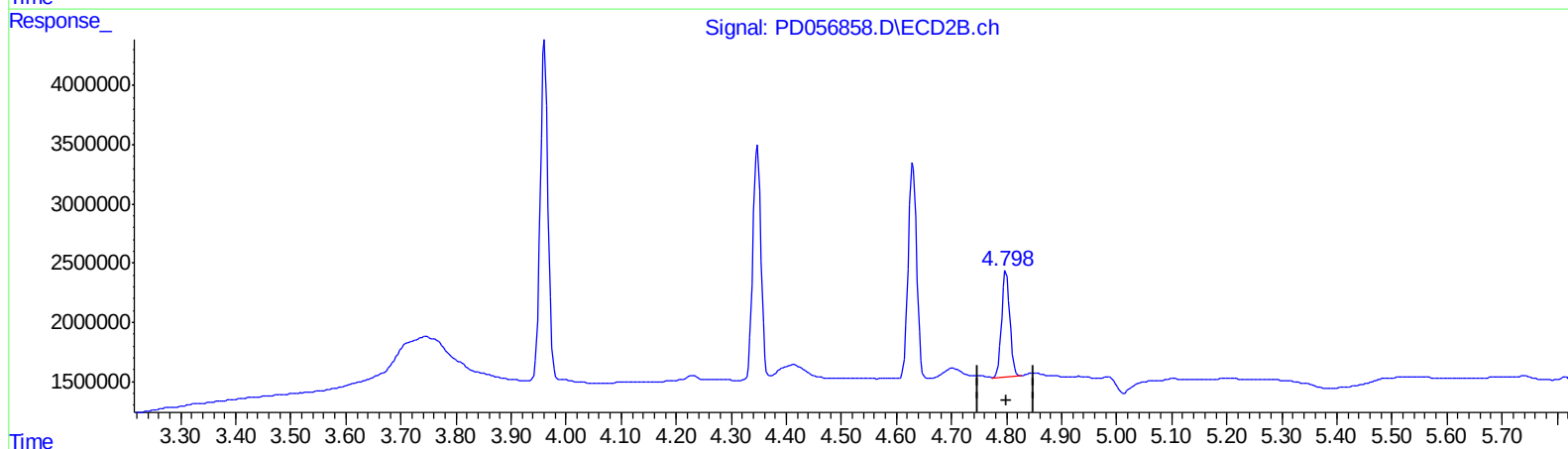
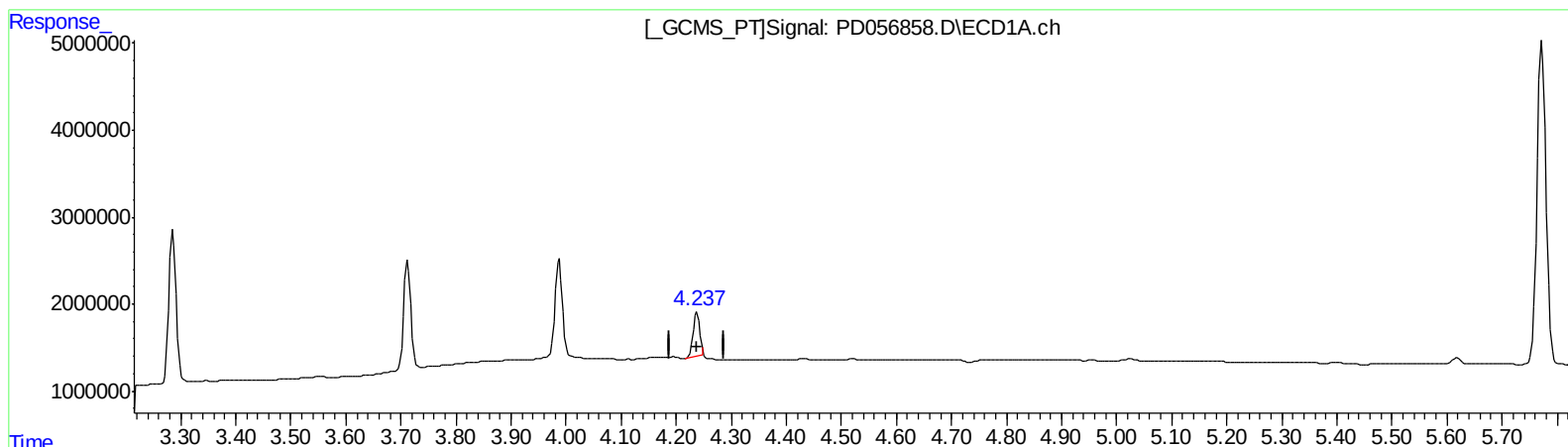
Instrument :
ECD_D
LabSampleId :
PEM02

Manual Integrations
APPROVED

mohammad
1/3/2020 3:18:00 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 03 06:10:06 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD010220CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jan 03 06:06:42 2020
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

(6) beta-BHC (B)

4.238min 8.190 ng/ml

response 4328529

(6) beta-BHC #2 (B)

4.800min 9.694 ng/ml

response 9445982

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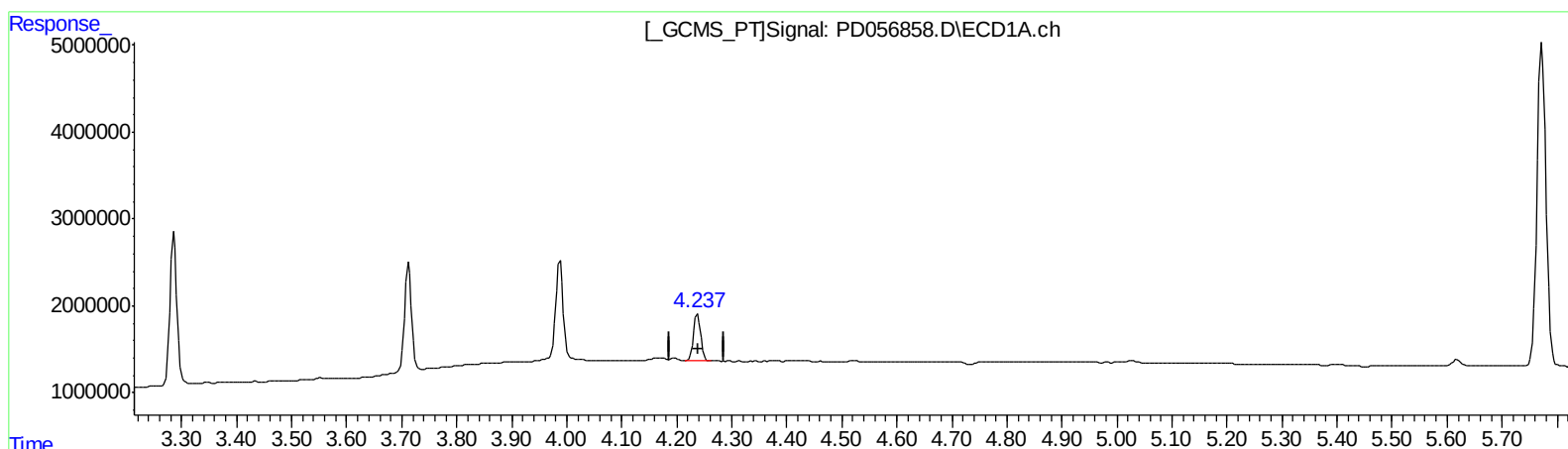
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(6) beta-BHC (B)

4.237min 9.553 ng/ml m

response 5049214

(6) beta-BHC #2 (B)

4.800min 9.694 ng/ml

response 9445982

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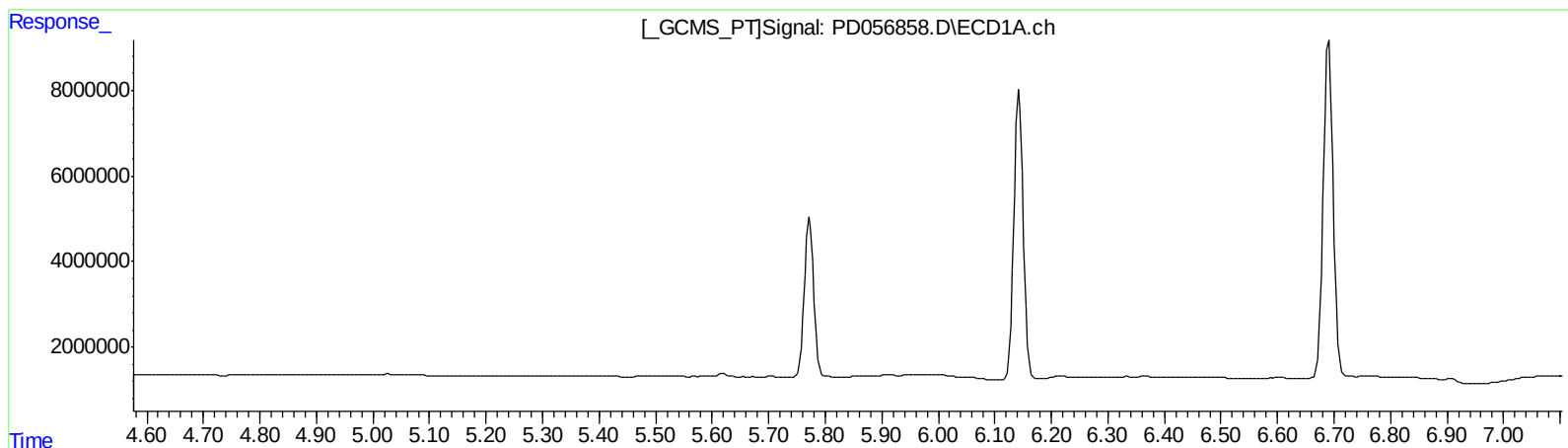
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(12) 4,4'-DDE #2 (B)
0.000min 0.000 ng/ml
response 0

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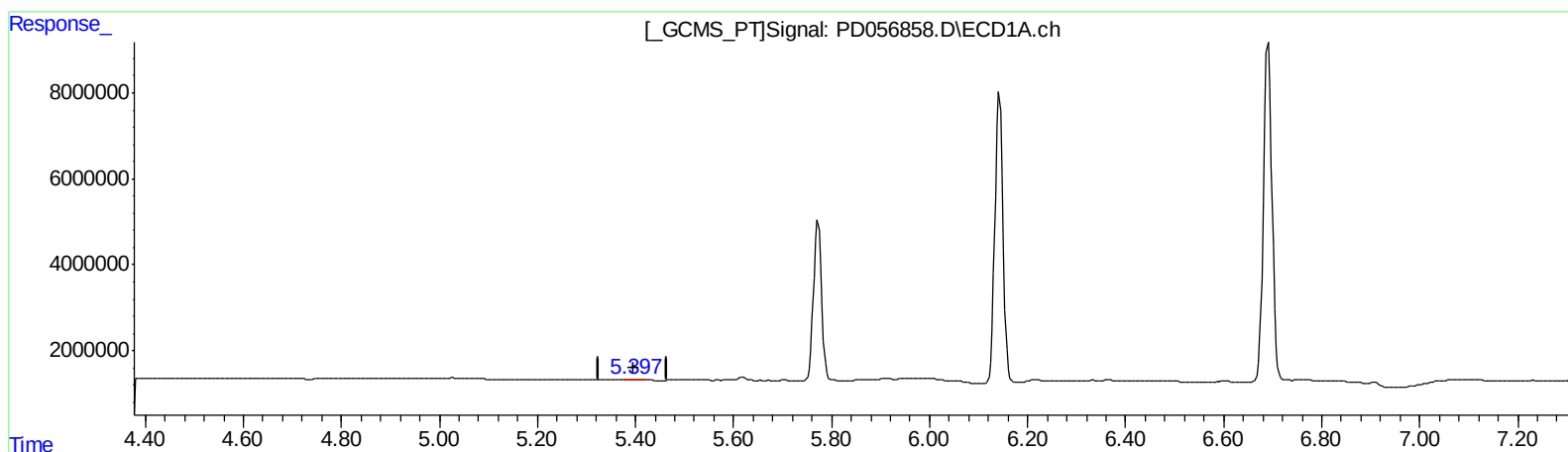
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(12) 4,4'-DDE (B)
5.397min 0.148 ng/ml m
response 152244

(12) 4,4'-DDE #2 (B)
6.285min 0.210 ng/ml m
response 377056

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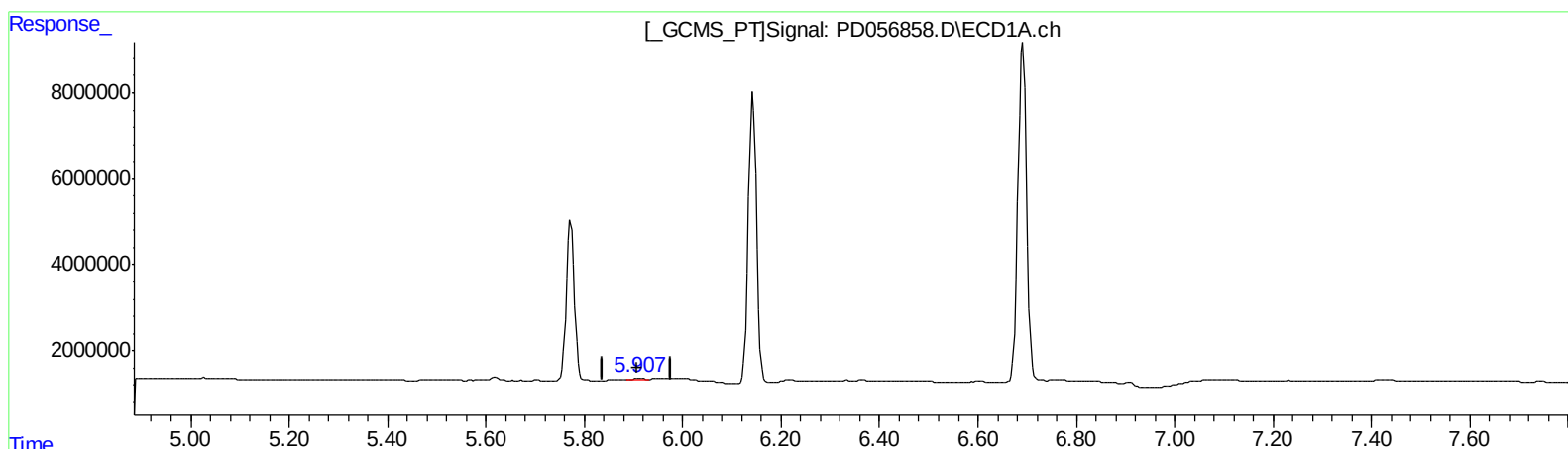
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.907min 0.599 ng/ml m
response 483392

(16) 4,4'-DDD #2 (A)
6.774min 0.768 ng/ml m
response 1116779

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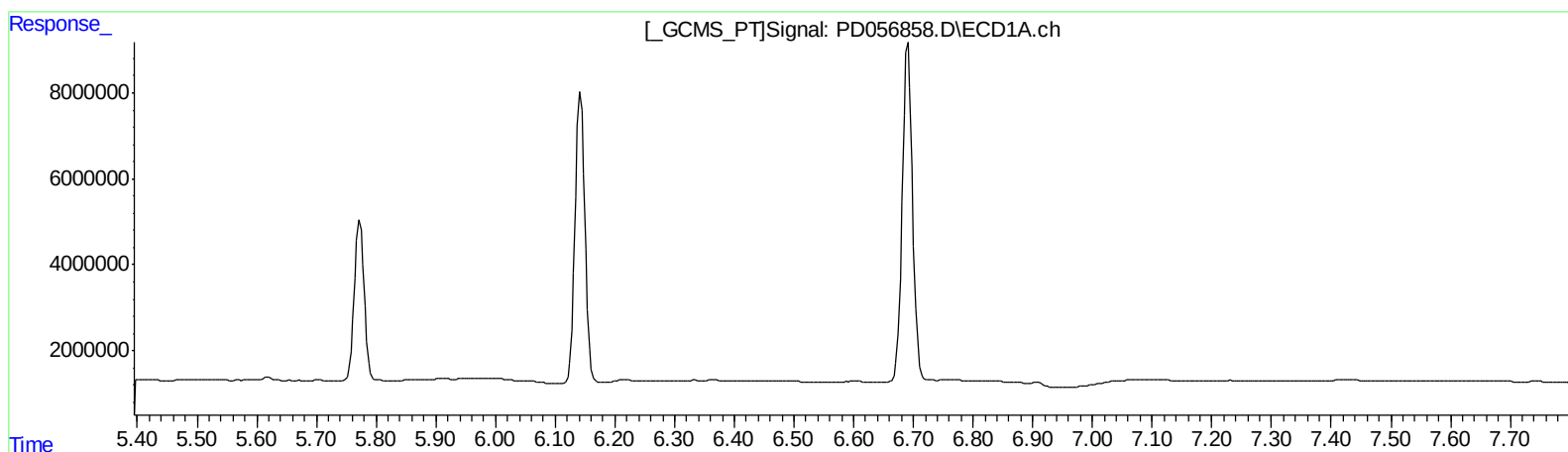
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(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

QEdit

(+) = Expected Retention Time

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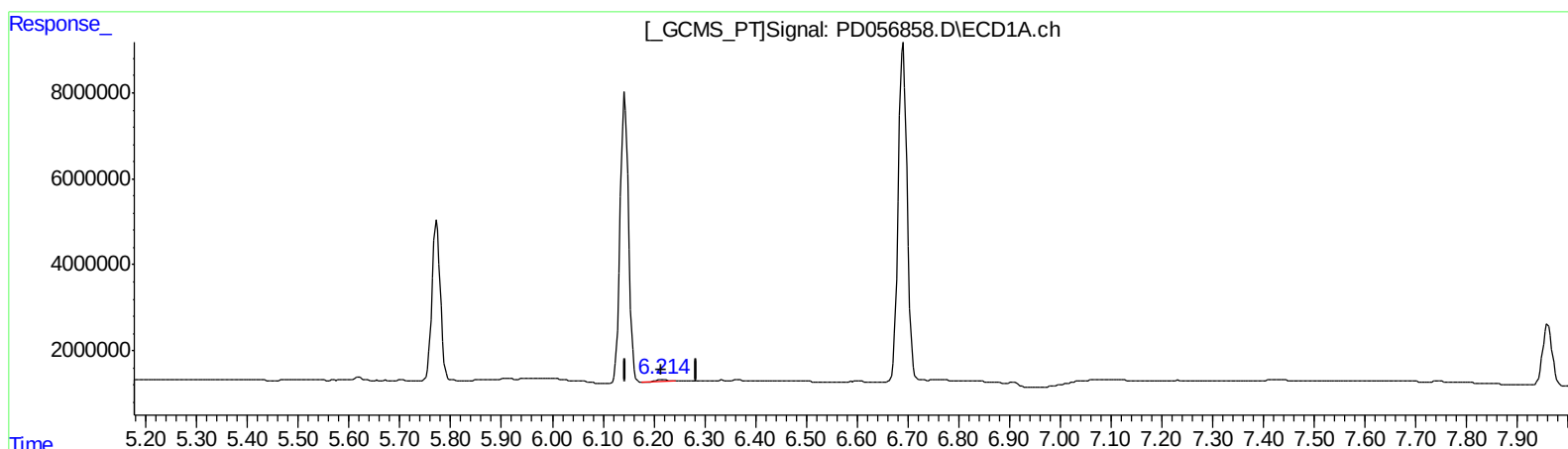
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.214min 0.750 ng/ml m

response 588105

(18) Endrin aldehyde #2 (B)

6.983min 0.312 ng/ml m

response 432001

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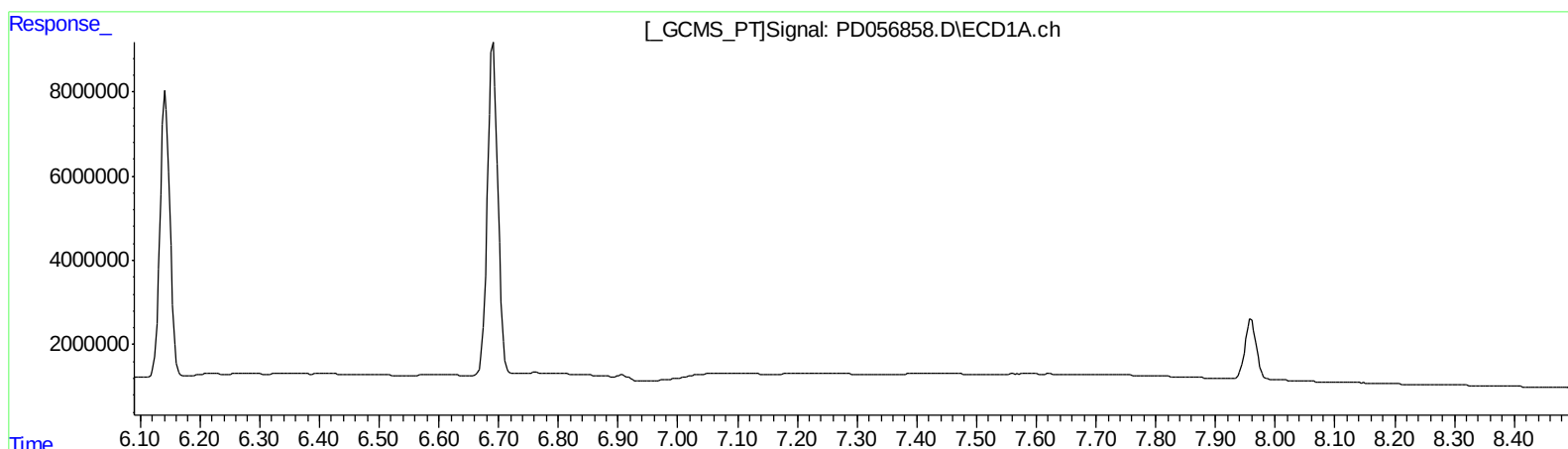
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

0.000min 0.000 ng/ml

response 0

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ALS Vial : 3 Sample Multiplier: 1

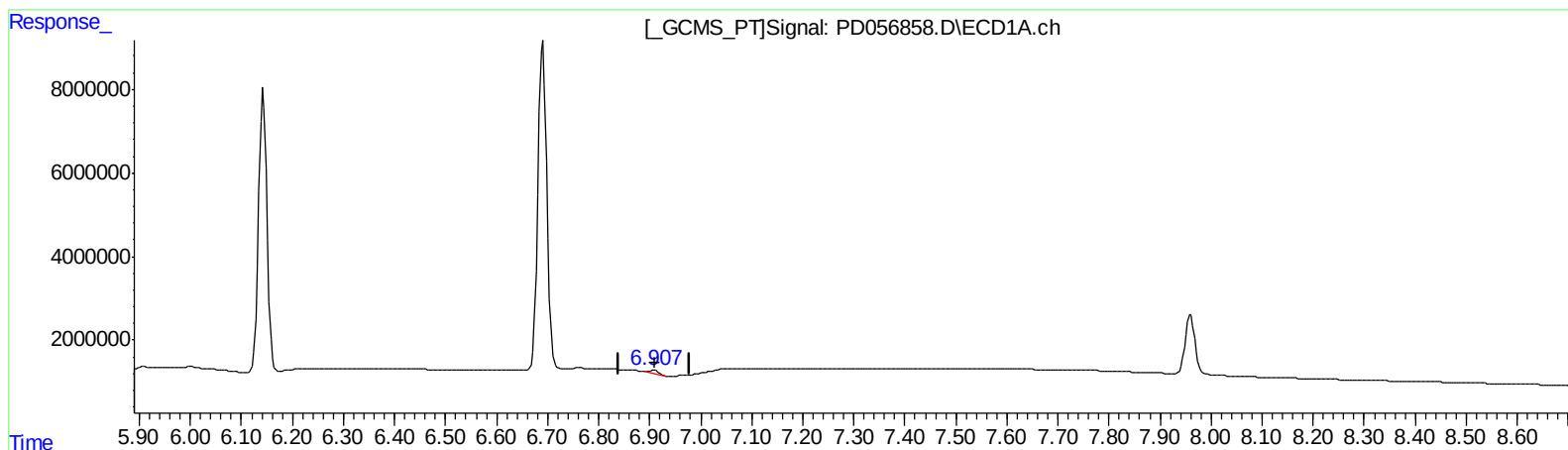
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(21) Endrin ketone (B)

6.907min 0.964 ng/ml m

response 923992

(21) Endrin ketone #2 (B)

7.675min 0.880 ng/ml m

response 1468863

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 Operator : AJ\MA
 Sample : PEM02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 LabSampleId :
 PEM02

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 Integrator: ChemStation

Manual Integrations
 APPROVED

mohammad
 1/3/2020 3:18:00 PM

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.286	3.961	15861166	28838424	18.556	18.577
27) SA Decachlor...	7.960	8.998	18916840	28842127	19.410	19.857
Target Compounds						
2) A alpha-BHC	3.713	4.348	11264226	19527929	9.080	8.954
3) MA gamma-BHC...	3.988	4.630	11212066	18912957	9.203	9.032
6) B beta-BHC	4.237	4.800	5049214	9445982	9.553m	9.694
12) B 4,4'-DDE	5.397	6.285	152244	377056	0.148m	0.210m#
14) MA Endrin	5.773	6.652	42823983	73577441	47.770	47.507
16) A 4,4'-DDD	5.907	6.774	483392	1116779	0.599m	0.768m#
17) MA 4,4'-DDT	6.143	7.073	77606549	143.4E6	105.674	101.120
18) B Endrin al...	6.214	6.983	588105	432001	0.750m	0.312m#
20) A Methoxychlor	6.691	7.530	95926816	187.6E6	240.698	238.861
21) B Endrin ke...	6.907	7.675	923992	1468863	0.964m	0.880m

AJ
 01/03/20

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