

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
Data File : PD057296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2020 17:26
Operator : AJ\MA
Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

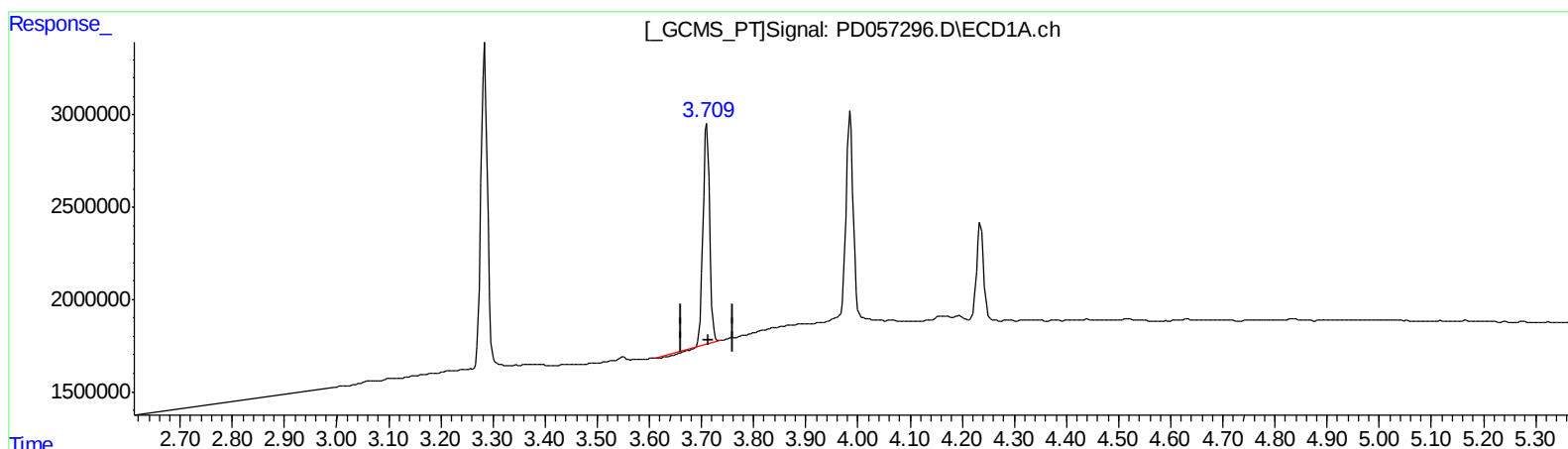
Instrument :
ECD_D
LabSampleId :
PEM25

Manual Integrations
APPROVED

mohammad
2/17/2020 3:38:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 02:57:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021020CLP.M
Quant Title : GC Extractables
QLast Update : Tue Feb 11 04:58:40 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



(2) alpha-BHC (A)
3.710min 7.981 ng/ml
response 10282327

(2) alpha-BHC #2 (A)
4.345min 9.617 ng/ml
response 27304403

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

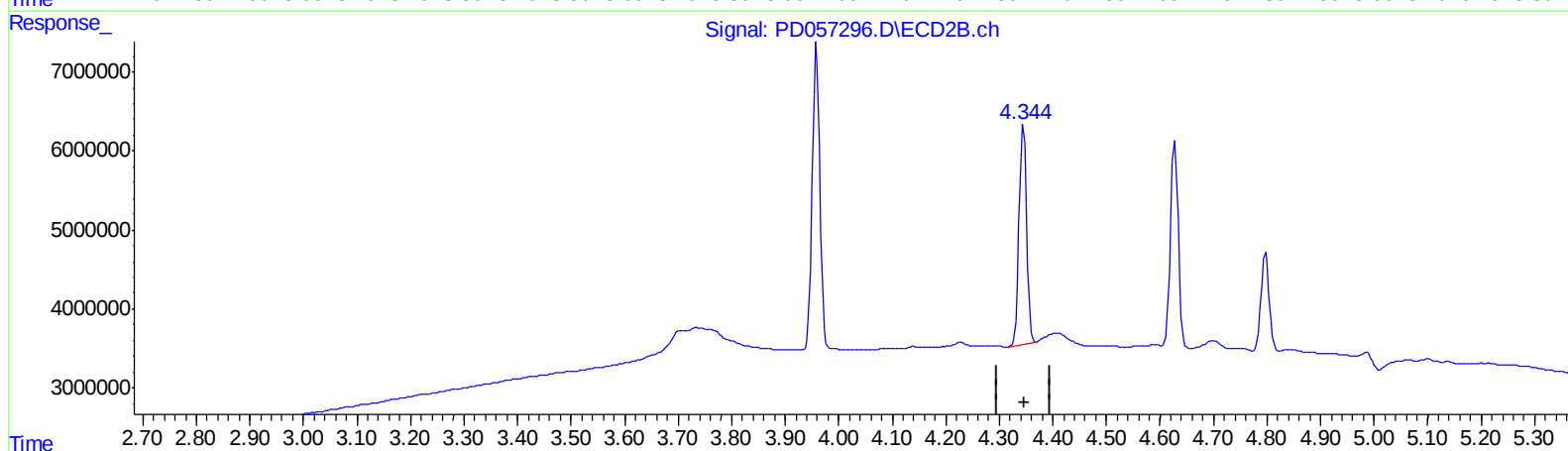
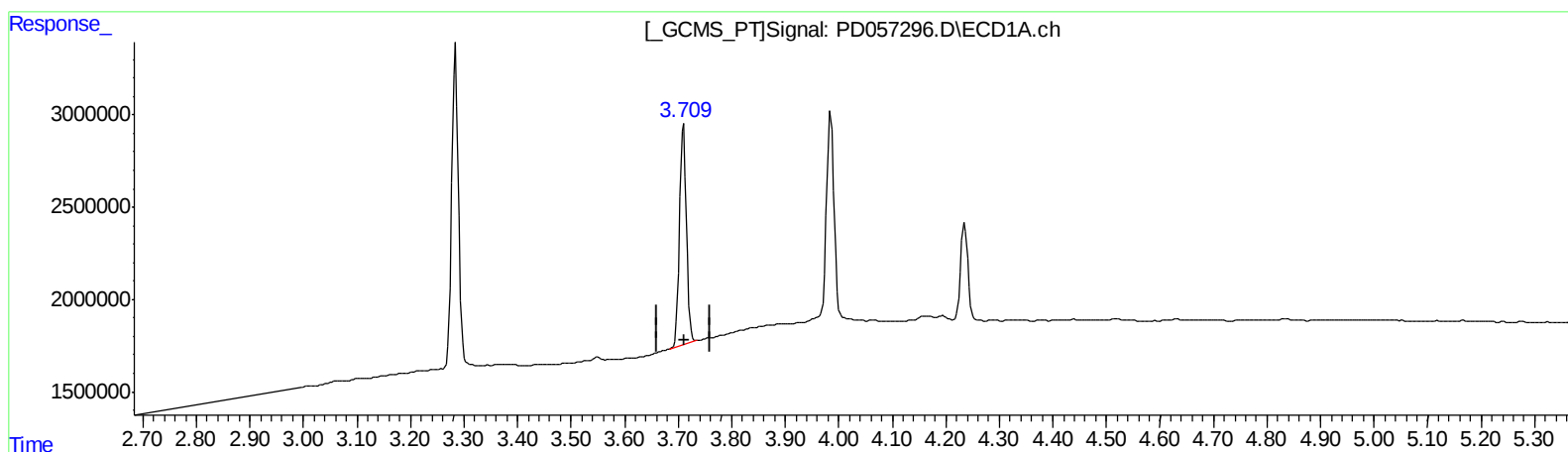
Instrument :
ECD_D
LabSampleId :
PEM25

Manual Integrations
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mohammad
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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



QEdit

(2) alpha-BHC (A)
3.709min 8.469 ng/ml m
response 10910757

(2) alpha-BHC #2 (A)
4.345min 9.617 ng/ml
response 27304403

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

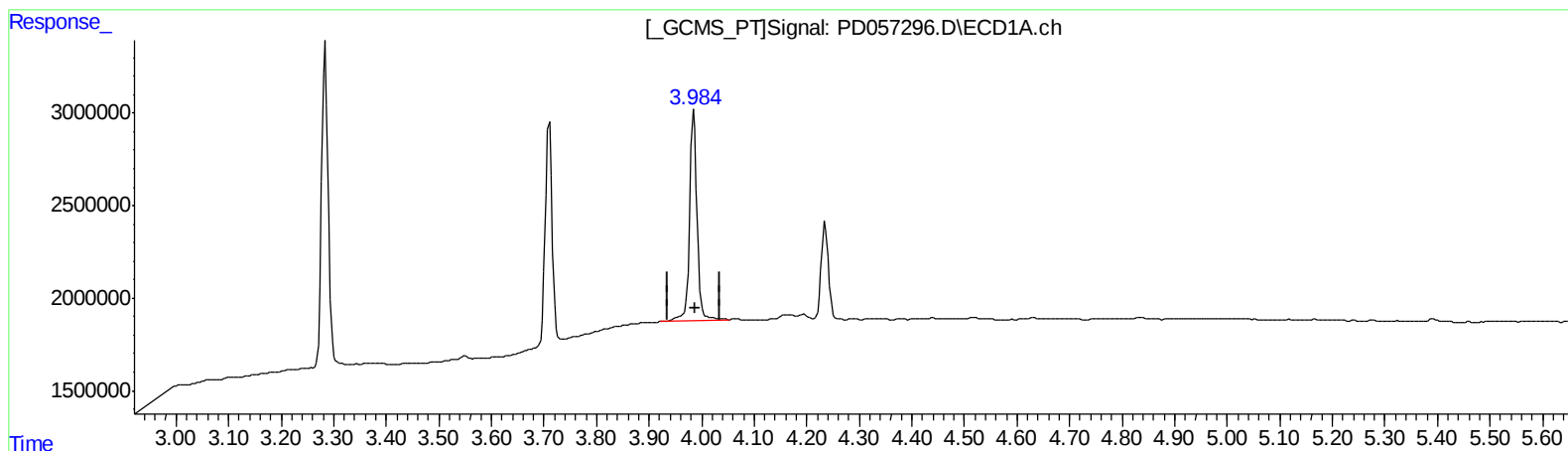
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Manual Integrations
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mohammad
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm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



(3) gamma-BHC (Lindane) (MA)

3.985min 9.083 ng/ml

response 11517856

(3) gamma-BHC (Lindane) #2 (MA)

4.628min 9.477 ng/ml

response 26850033

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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Acq On : 14 Feb 2020 17:26
Operator : AJ\MA
Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

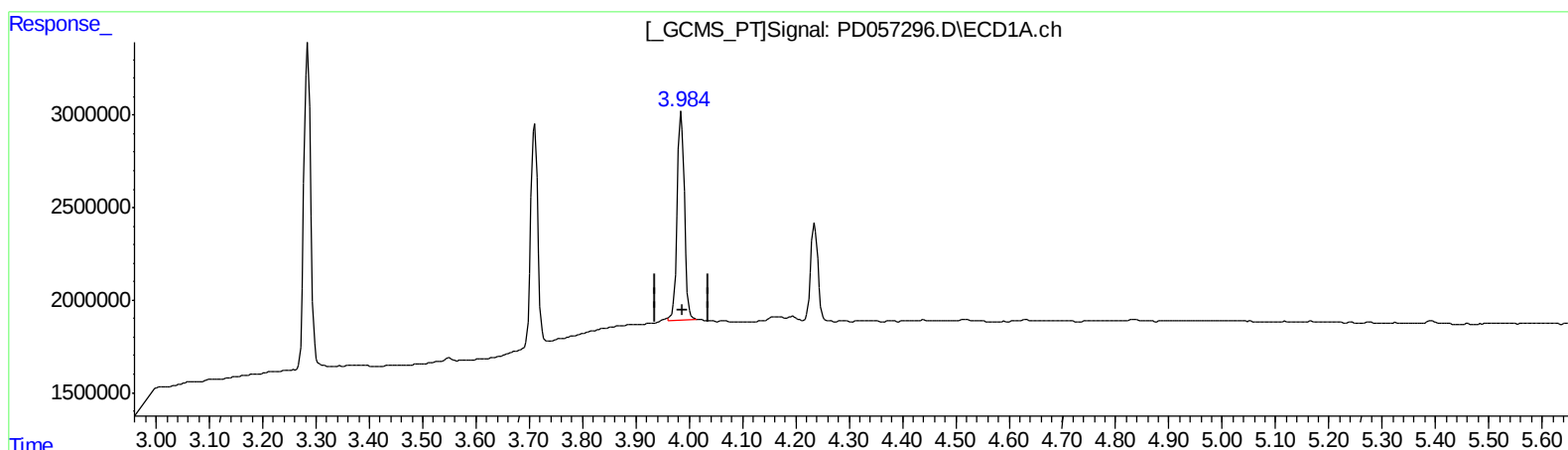
Instrument :
ECD_D
LabSampleId :
PEM25

Manual Integrations
APPROVED

mohammad
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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



(3) gamma-BHC (Lindane) (MA)

3.984min 8.481 ng/ml m

response 10754782

(3) gamma-BHC (Lindane) #2 (MA)

4.628min 9.477 ng/ml

response 26850033

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
Data File : PD057296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Misc :
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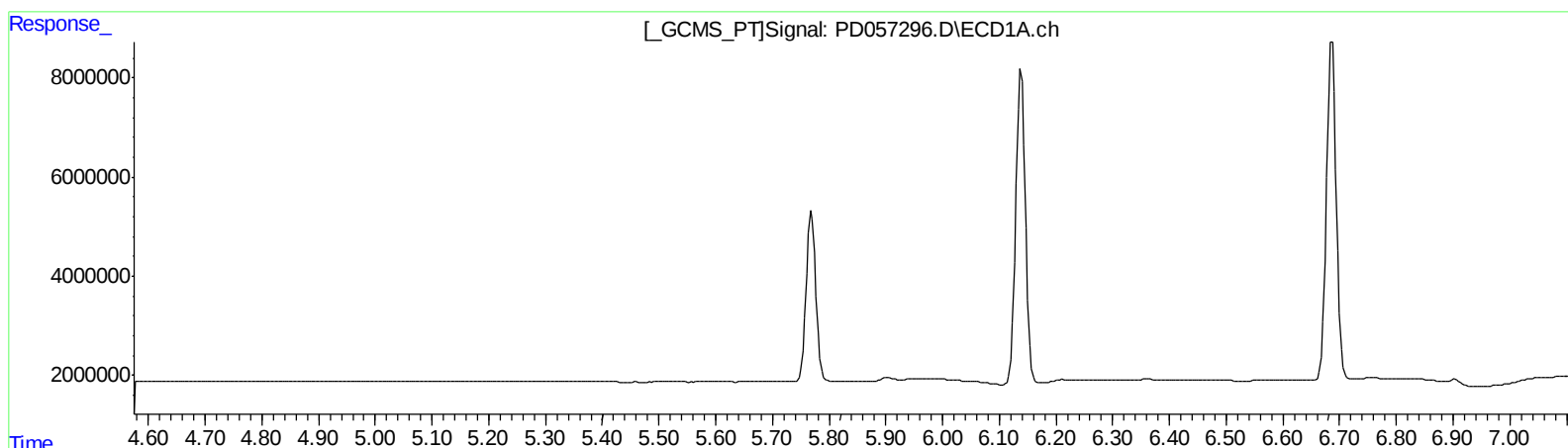
Instrument :
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LabSampleId :
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Manual Integrations
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Integrator: ChemStation

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



(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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
Data File : PD057296.D
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Acq On : 14 Feb 2020 17:26
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Sample : PEM25
Misc :
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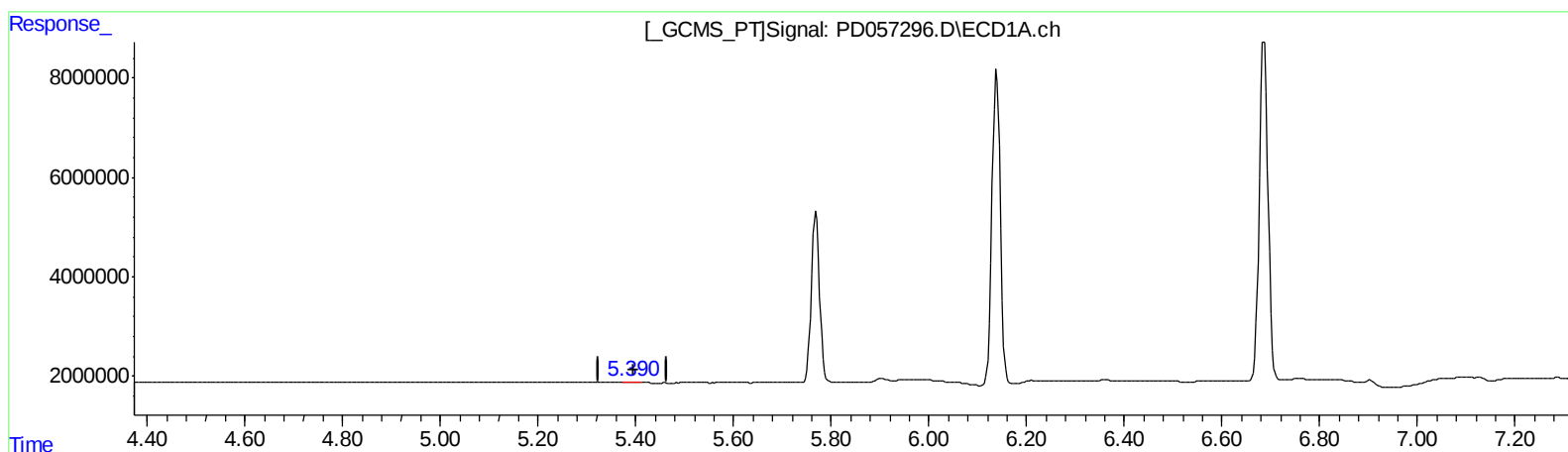
Instrument :
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Manual Integrations
APPROVED

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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



(12) 4,4'-DDE (B)

5.390min 0.140 ng/ml m

response 154548

(12) 4,4'-DDE #2 (B)

6.282min 0.190 ng/ml m

response 485863

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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Acq On : 14 Feb 2020 17:26
Operator : AJ\MA
Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

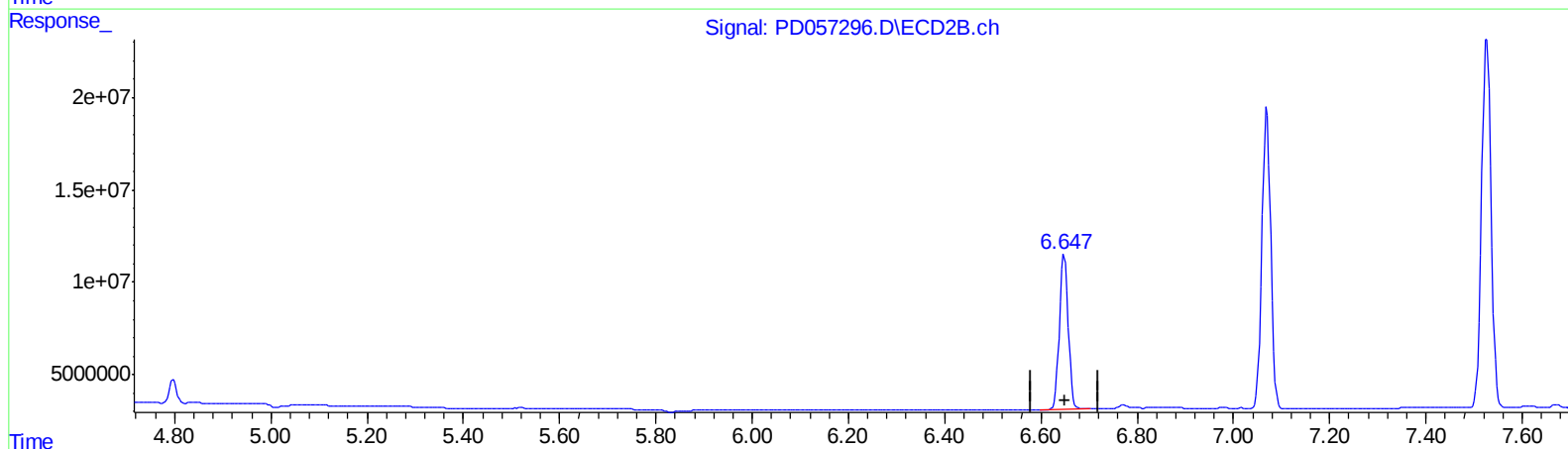
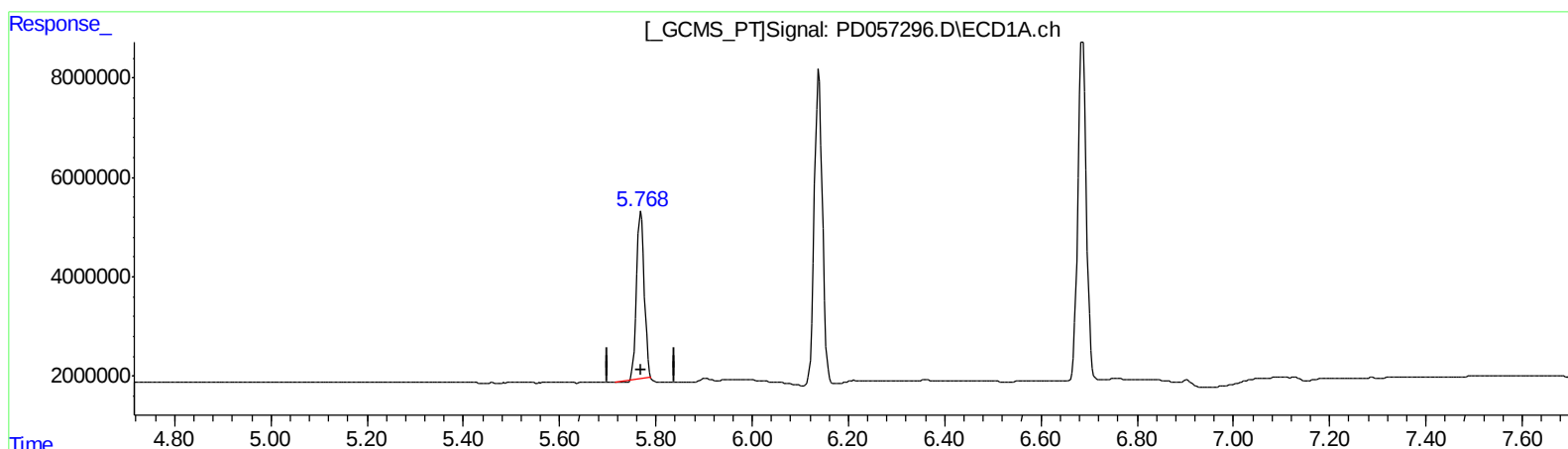
Instrument :
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LabSampleId :
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Manual Integrations
APPROVED

mohammad
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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



QEdit

(14) Endrin (MA)

5.769min 43.446 ng/ml

response 38179534

(14) Endrin #2 (MA)

6.649min 50.401 ng/ml

response 106059983

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Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

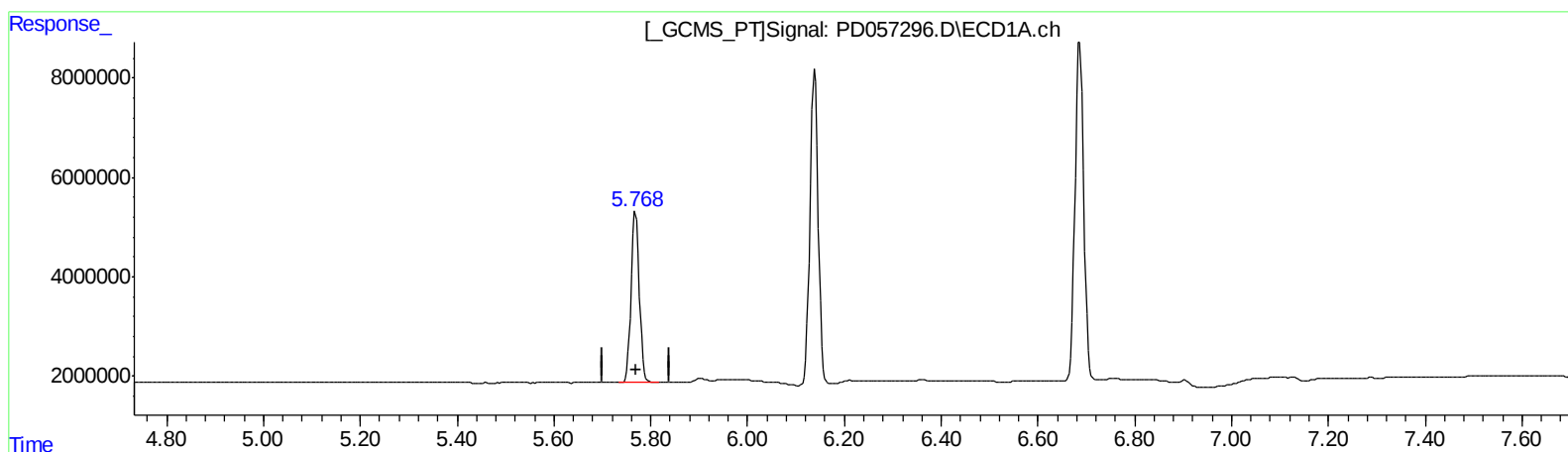
Instrument :
ECD_D
LabSampleId :
PEM25

Manual Integrations
APPROVED

mohammad
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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



(14) Endrin (MA)

5.768min 46.236 ng/ml m

response 40631200

(14) Endrin #2 (MA)

6.647min 50.571 ng/ml m

response 106419415

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

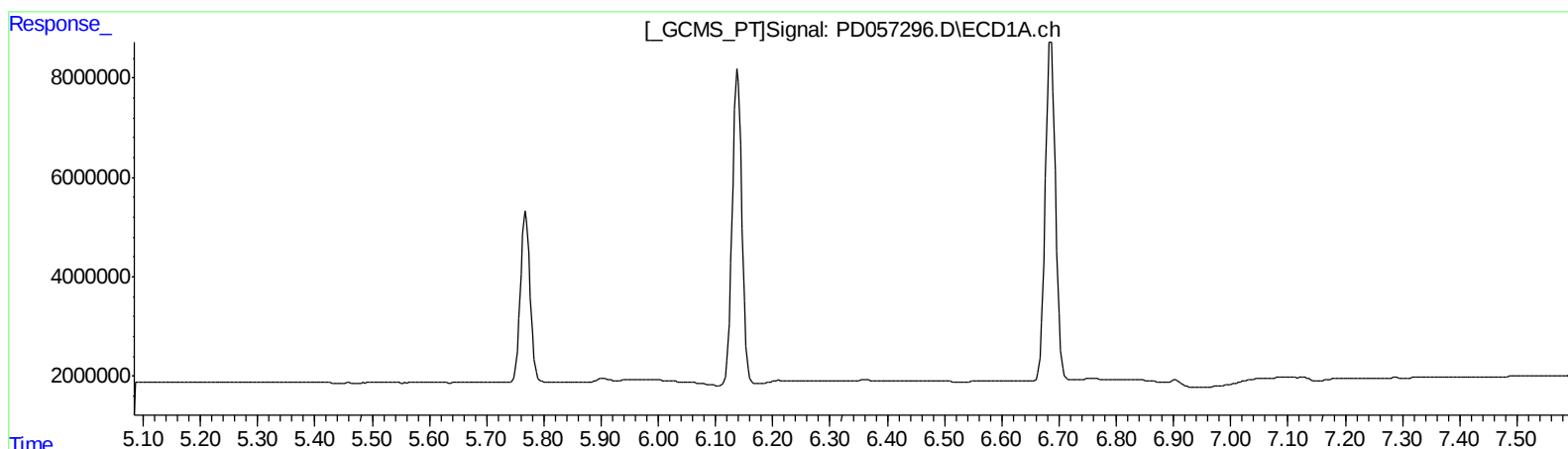
Instrument :
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LabSampleId :
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Manual Integrations
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Integrator: ChemStation

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



(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
0.000min 0.000 ng/ml
response 0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
Data File : PD057296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AJ\MA
Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

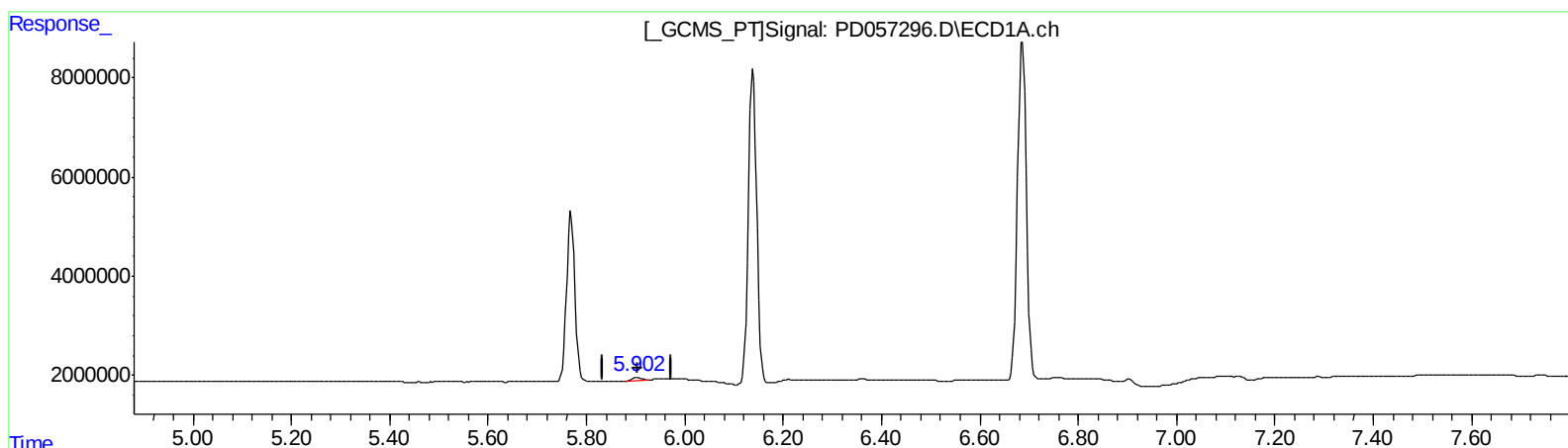
Instrument :
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LabSampleId :
PEM25

Manual Integrations
APPROVED

mohammad
2/17/2020 3:38:21 PM

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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



(16) 4,4'-DDD (A)
5.902min 1.026 ng/ml m
response 710579

(16) 4,4'-DDD #2 (A)
6.770min 1.050 ng/ml m
response 2164501

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Sample : PEM25
Misc :
ALS Vial : 3 Sample Multiplier: 1

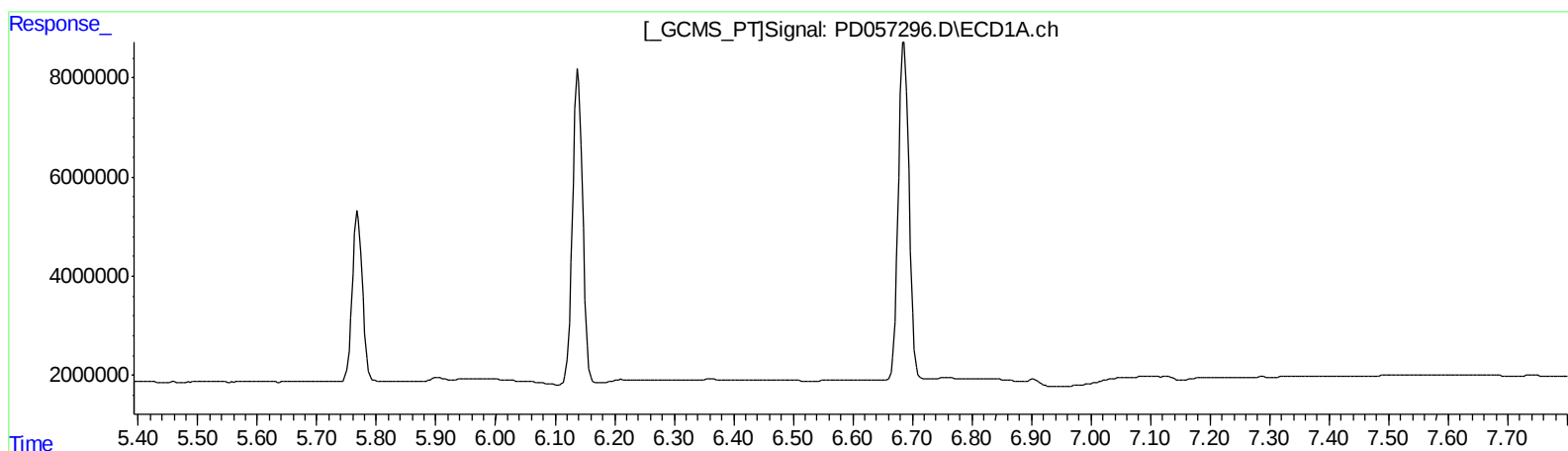
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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

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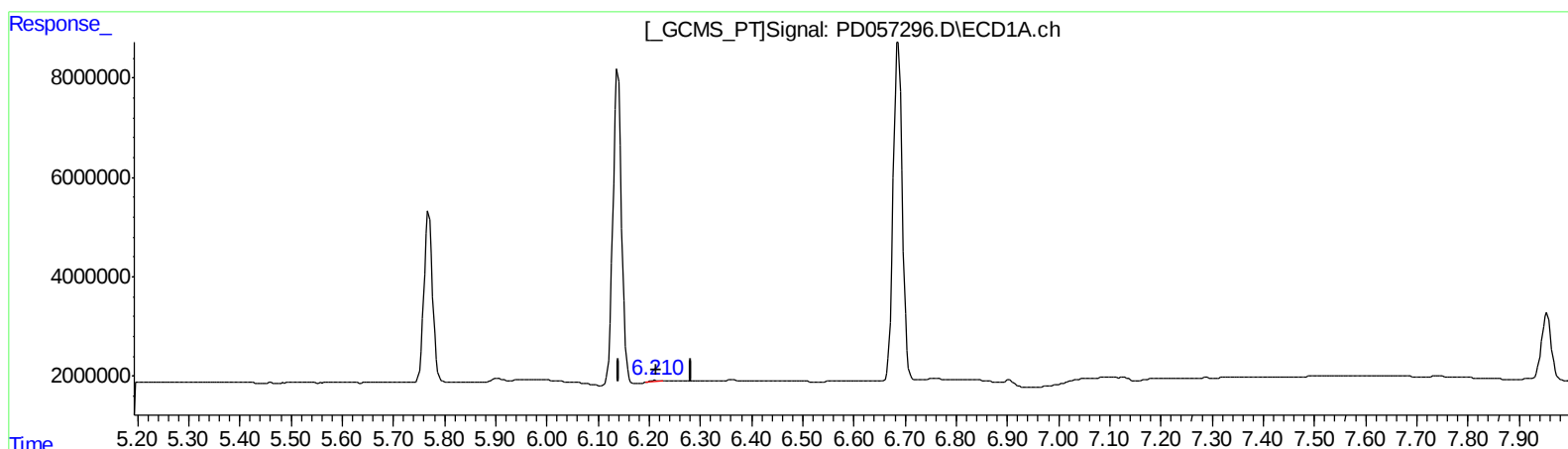
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Manual Integrations
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.210min 0.400 ng/ml m

response 324896

(18) Endrin aldehyde #2 (B)

6.980min 0.265 ng/ml m

response 525043

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021420\
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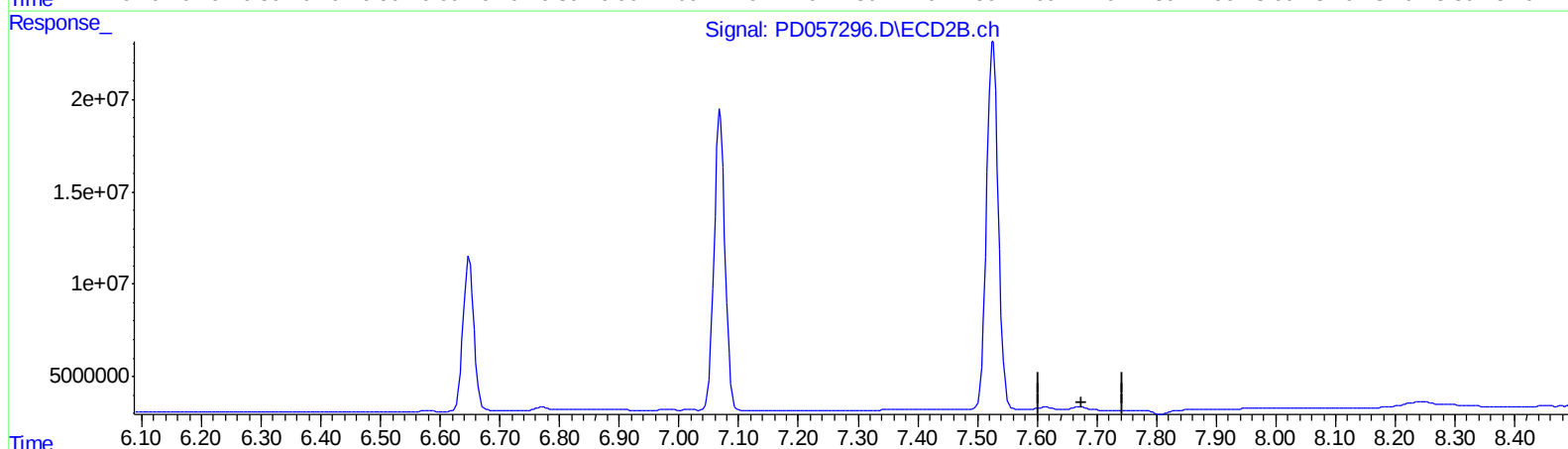
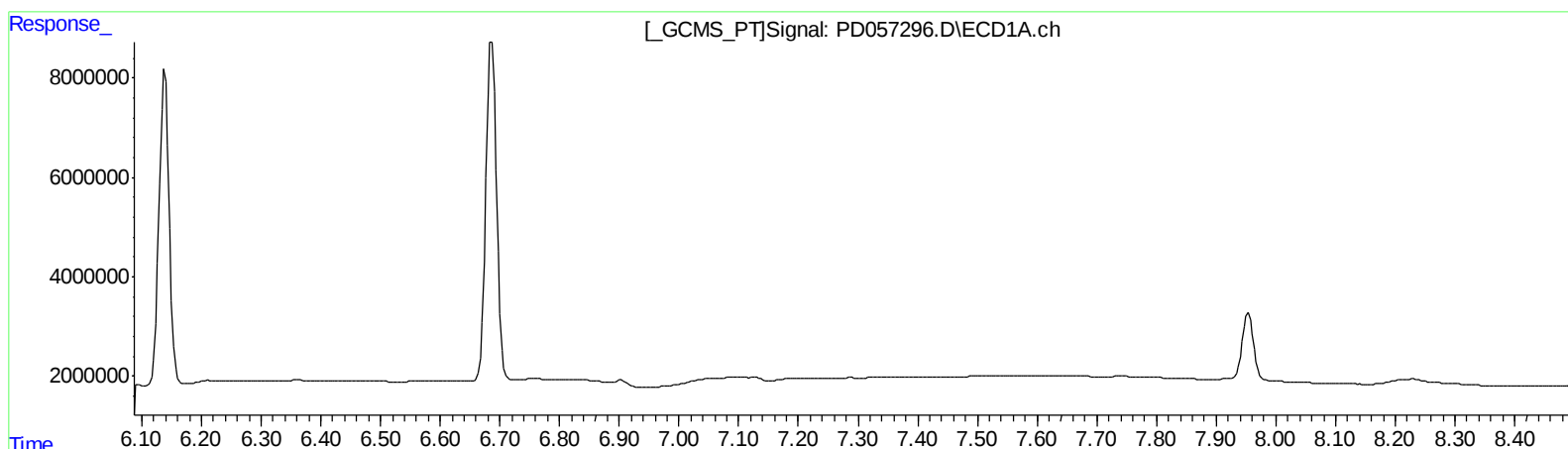
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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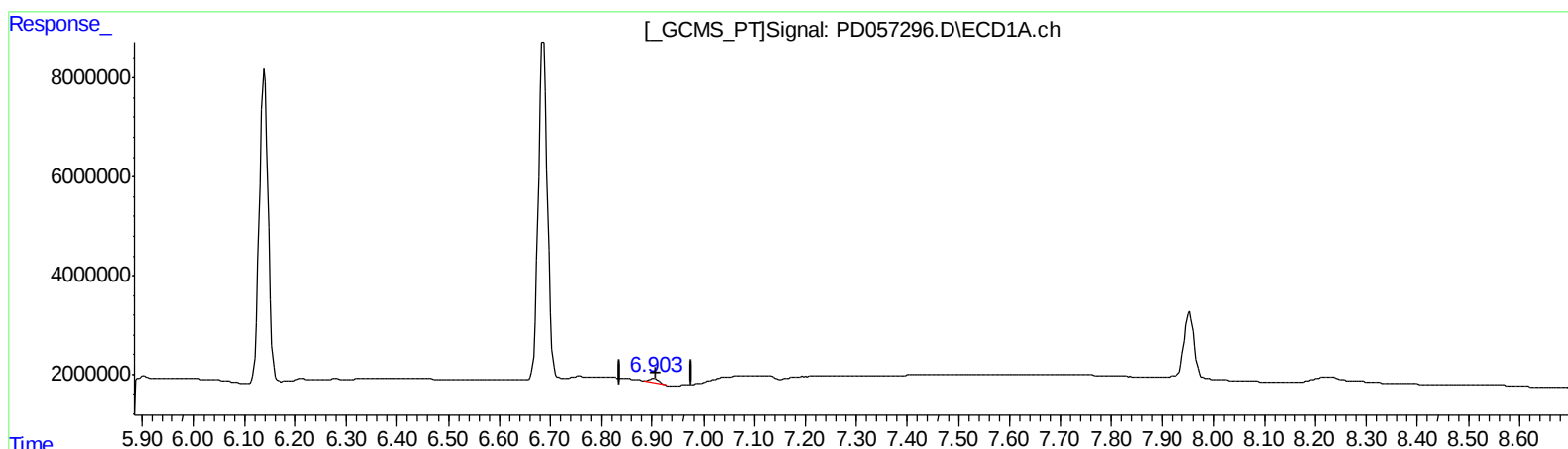
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.903min 1.269 ng/ml m
response 1153008

(21) Endrin ketone #2 (B)
7.670min 0.991 ng/ml m
response 2403026

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Manual Integrations
 APPROVED

mohammad
 2/17/2020 3:38:21 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...	3.284	3.959	15514009	38799364	18.676	20.821
27) SA Decachlor...	7.954	8.994	19069996	44735958	18.382	19.789
Target Compounds						
2) A alpha-BHC	3.709	4.345	10910757	27304403	8.469m	9.617
3) MA gamma-BHC...	3.984	4.628	10754782	26850033	8.481m	9.477
6) B beta-BHC	4.235	4.797	5006948	12752970	10.026	11.001
12) B 4,4'-DDE	5.390	6.282	154548	485863	0.140m	0.190m#
14) MA Endrin	5.768	6.647	40631200	106.4E6	46.236m	50.571m
16) A 4,4'-DDD	5.902	6.770	710579	2164501	1.026m	1.050m
17) MA 4,4'-DDT	6.139	7.069	73740827	206.7E6	113.321	108.869
18) B Endrin al...	6.210	6.980	324896	525043	0.400m	0.265m#
20) A Methoxychlor	6.686	7.526	84994610	269.8E6	303.583	299.067
21) B Endrin ke...	6.903	7.670	1153008	2403026	1.269m	0.991m

SJ
 02/20/20

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