

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021220\
Data File : PD057242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Feb 2020 18:00
Operator : AJ\MA
Sample : PEM22
Misc :
ALS Vial : 3 Sample Multiplier: 1

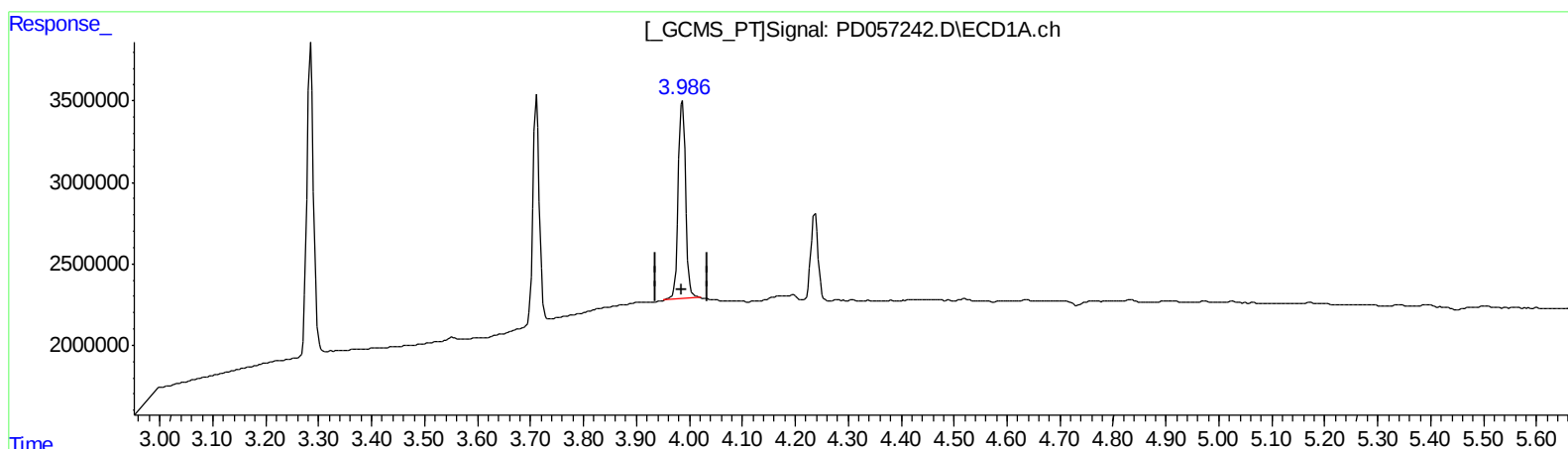
Instrument :
ECD_D
LabSampleId :
PEM22

Manual Integrations
APPROVED

mohammad
2/13/2020 2:52:38 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 00:33:26 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



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

3.987min 9.237 ng/ml

response 11713876

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

4.629min 11.580 ng/ml

response 32808824

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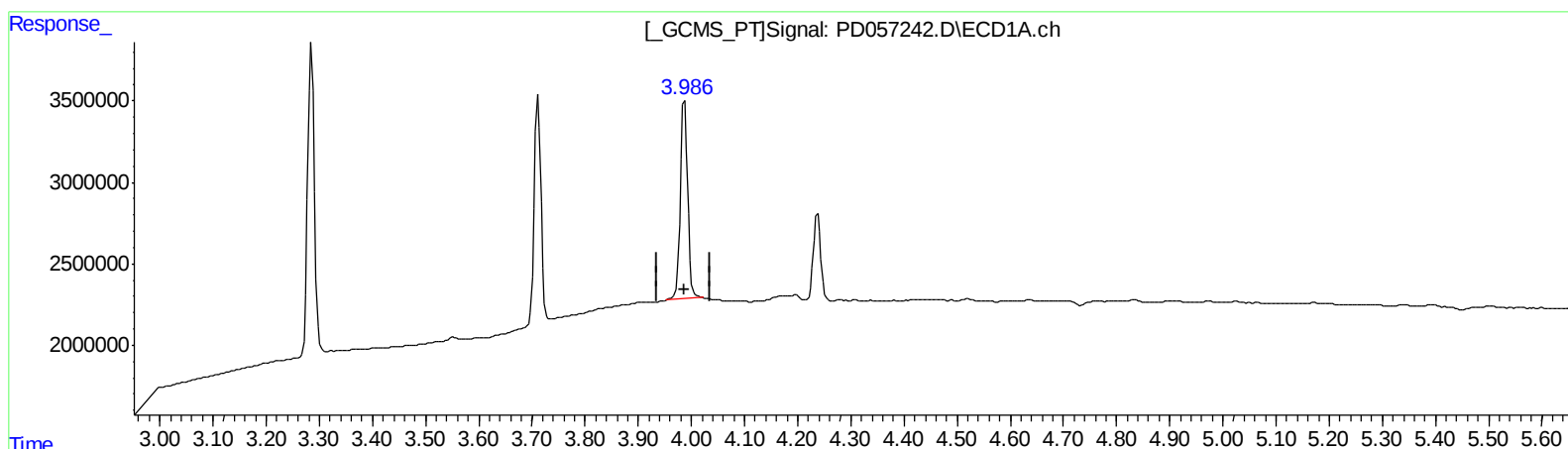
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(3) gamma-BHC (Lindane) (MA)

3.987min 9.237 ng/ml

response 11713876

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

4.628min 9.982 ng/ml m

response 28283486

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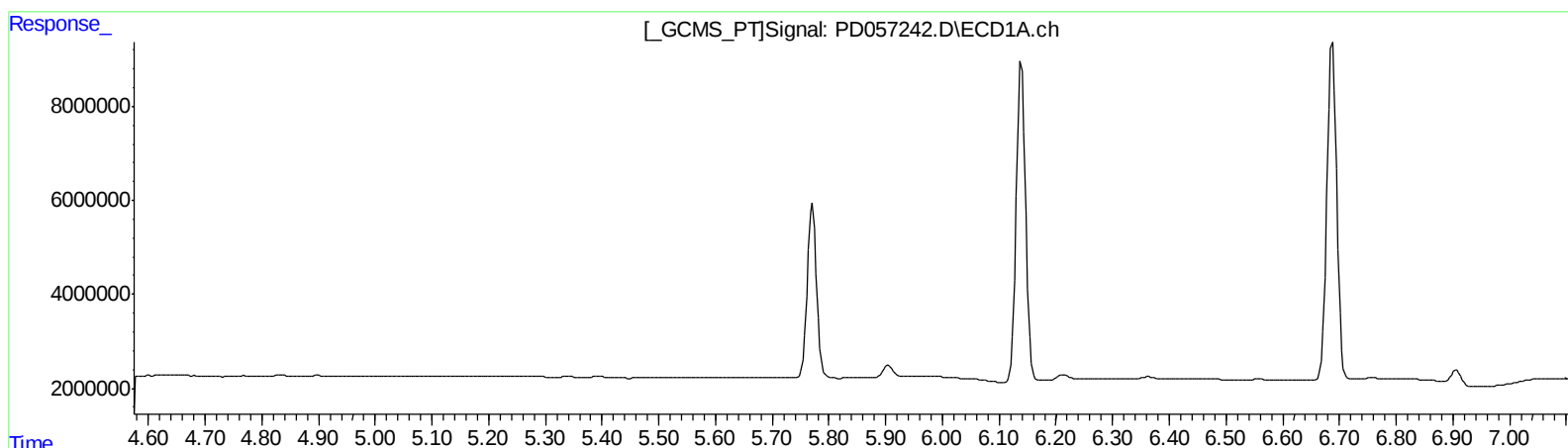
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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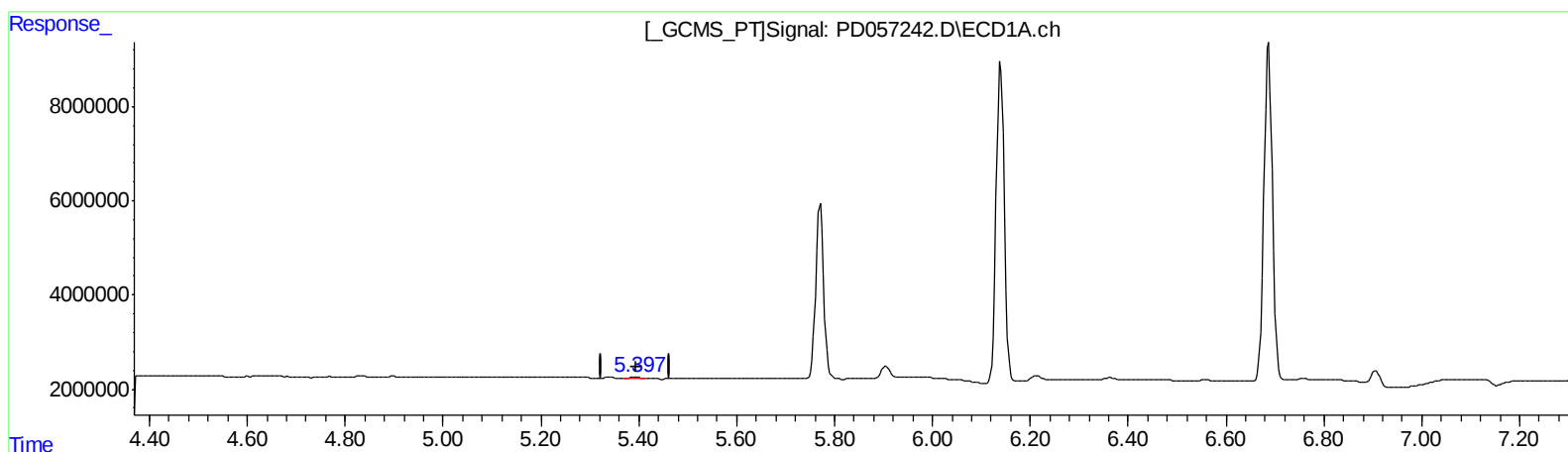
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.397min 0.151 ng/ml m
response 167200

(12) 4,4'-DDE #2 (B)
6.284min 0.206 ng/ml m
response 526652

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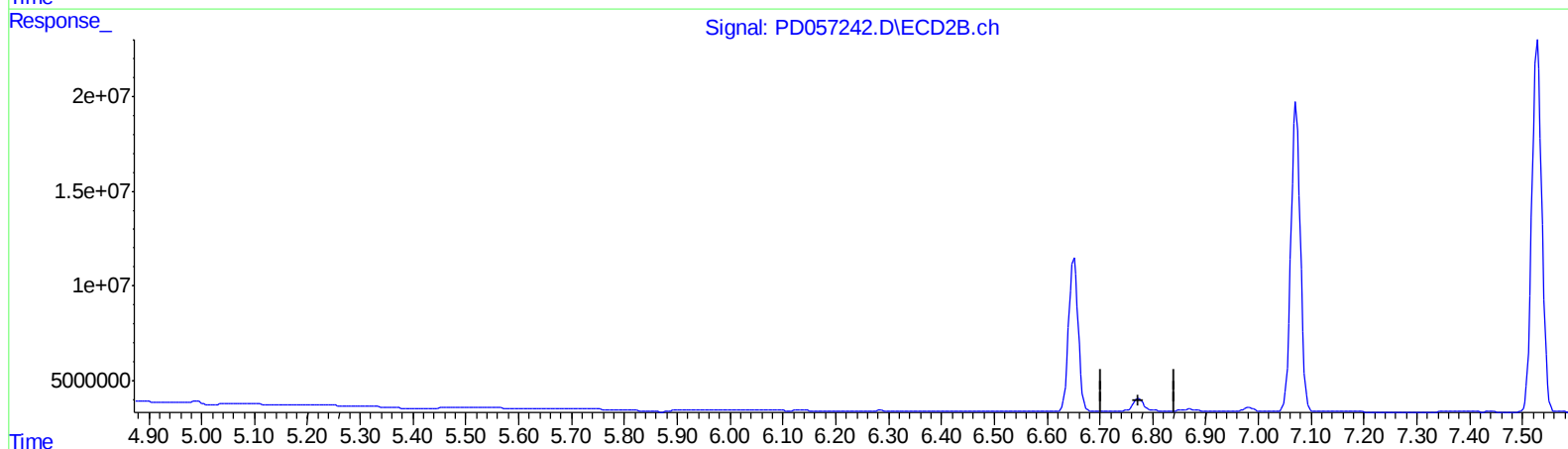
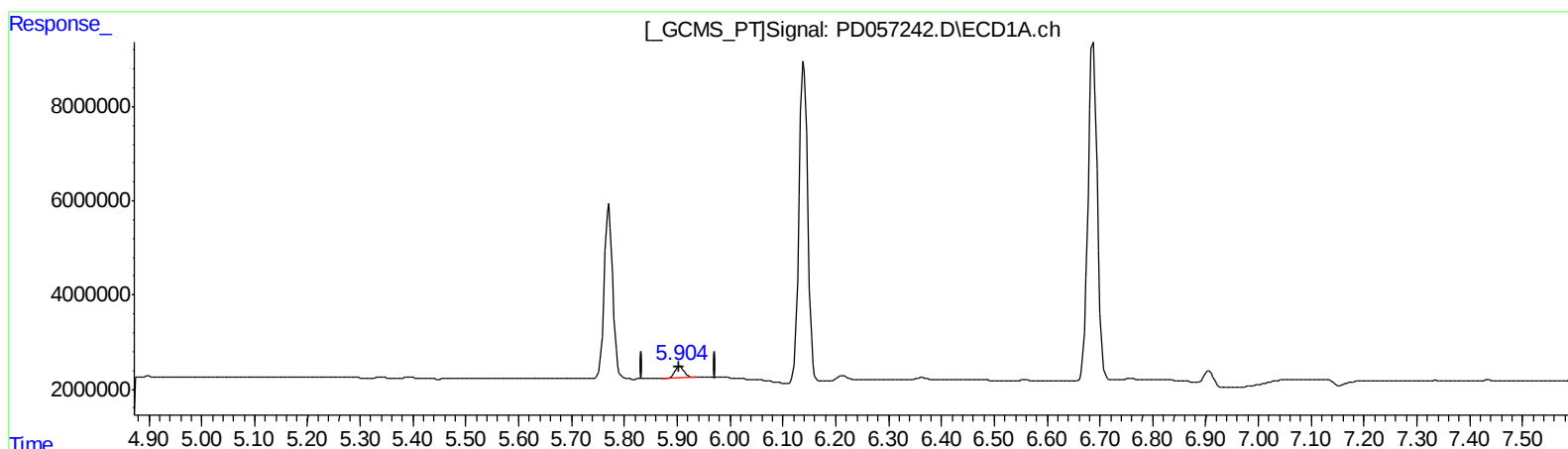
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)
5.905min 4.313 ng/ml
response 2987683

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

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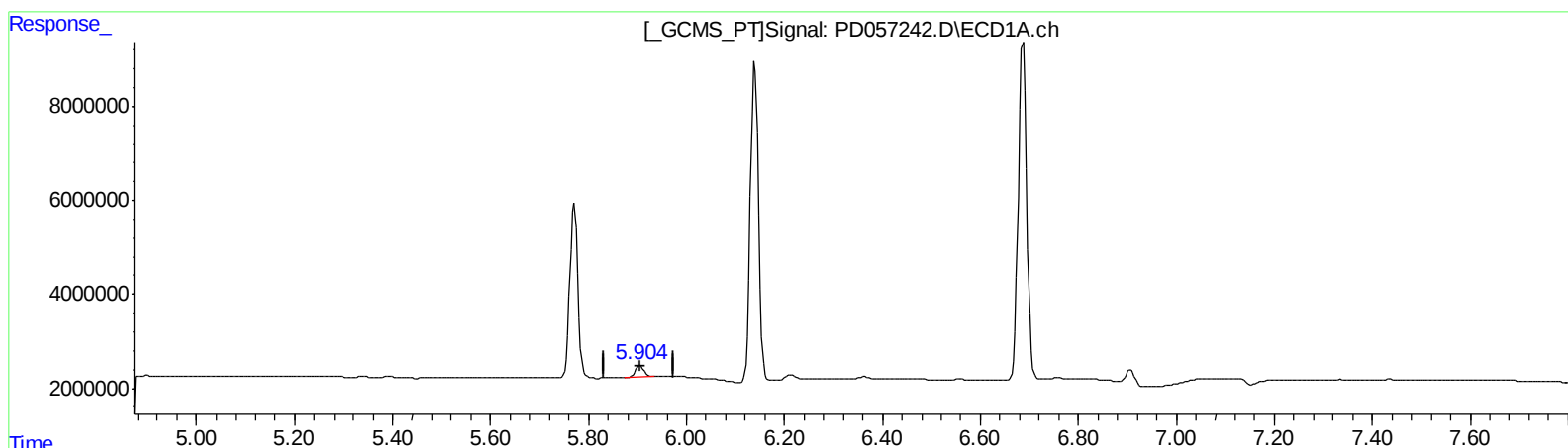
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
5.905min 4.313 ng/ml
response 2987683

(16) 4,4'-DDD #2 (A)
6.772min 4.074 ng/ml m
response 8398885

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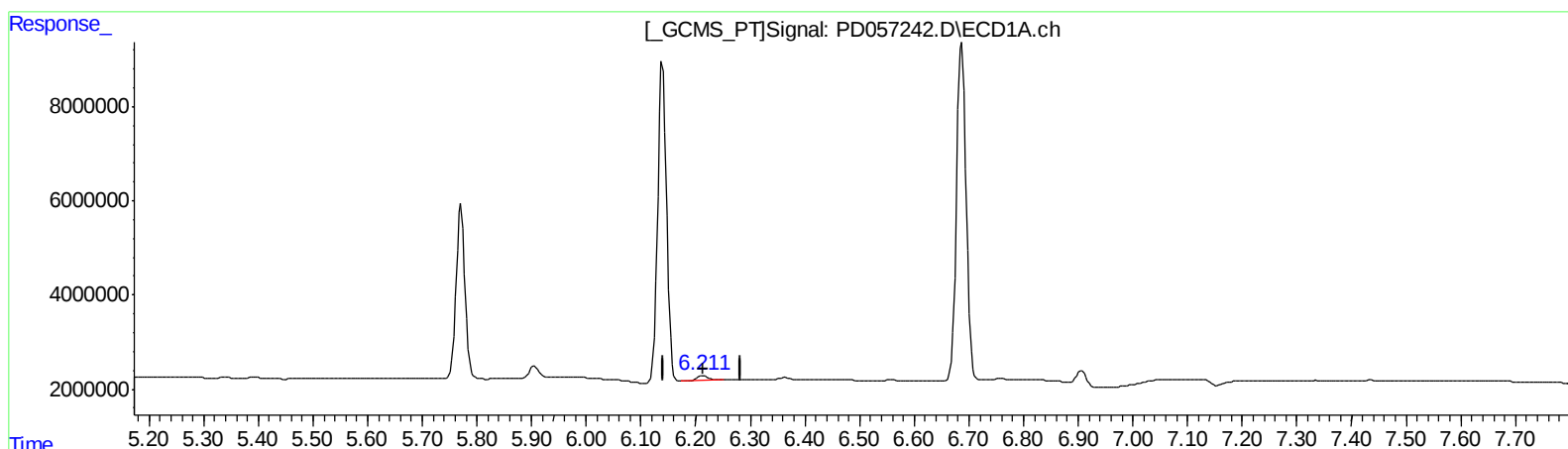
Instrument :
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Manual Integrations
APPROVED

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



(18) Endrin aldehyde (B)

6.213min 1.662 ng/ml

response 1348946

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

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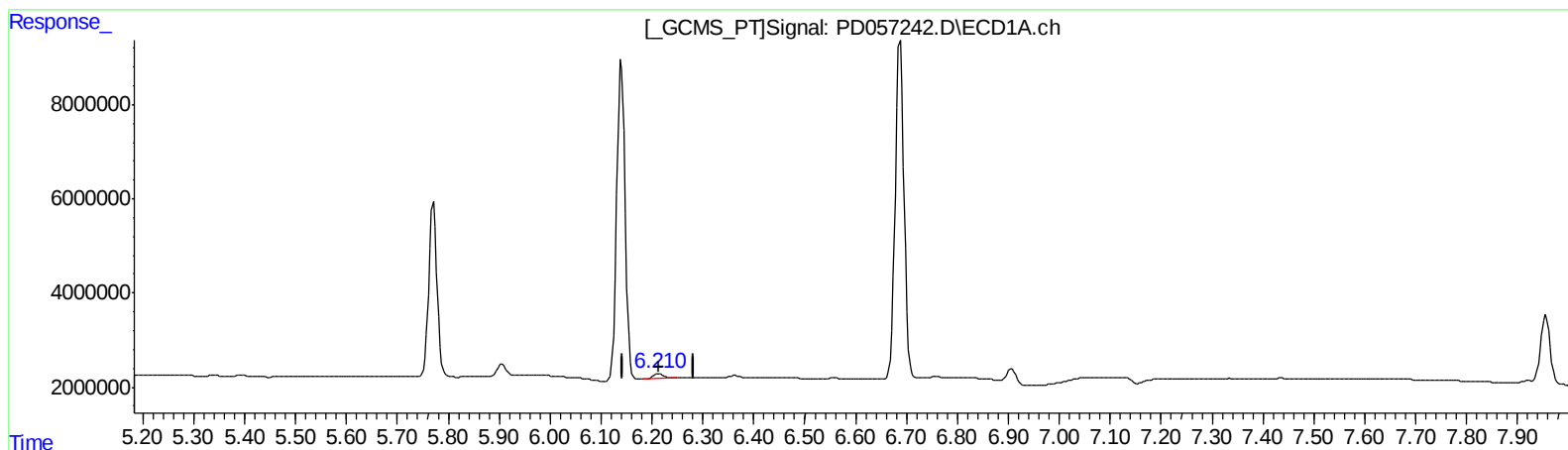
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Manual Integrations
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.210min 1.821 ng/ml m

response 1478248

(18) Endrin aldehyde #2 (B)

6.981min 1.368 ng/ml m

response 2710539

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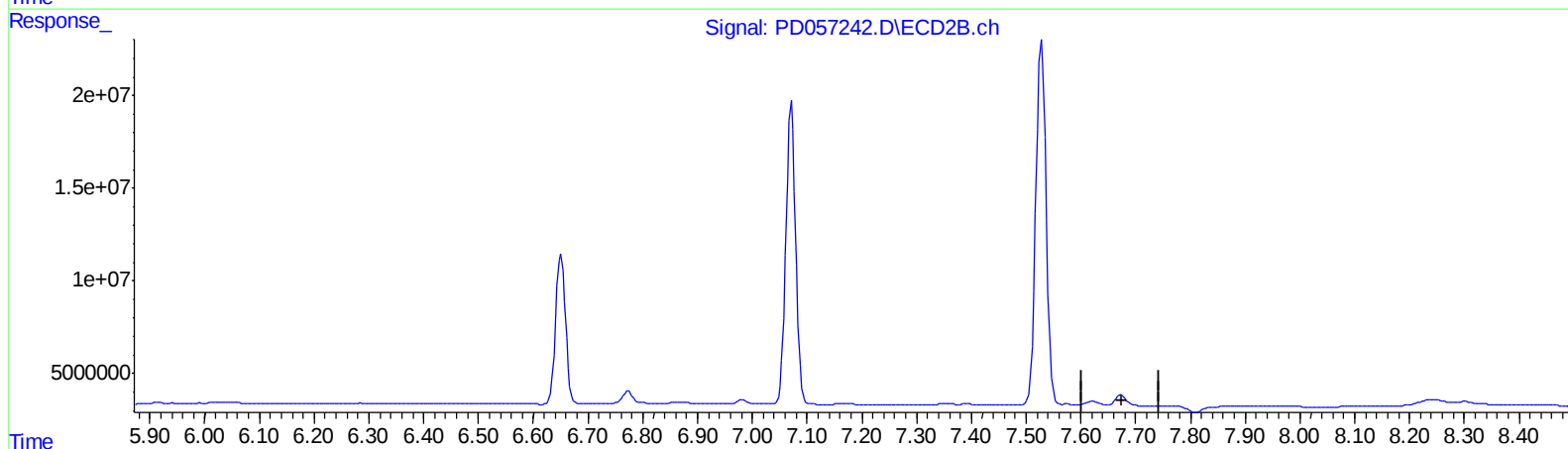
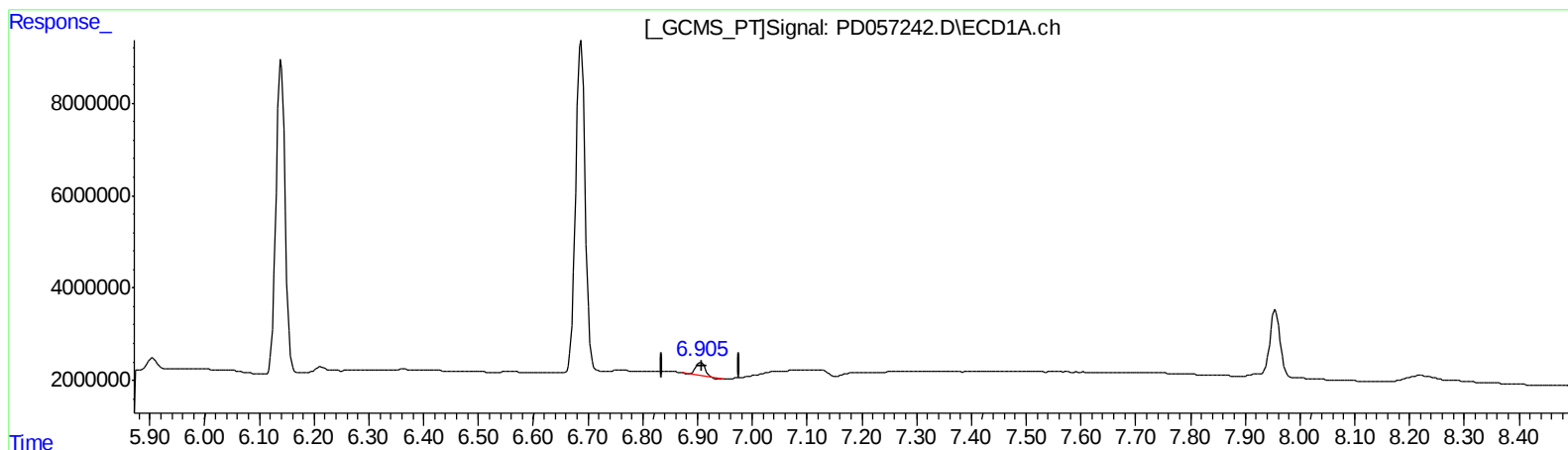
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QEdit

(21) Endrin ketone (B)

6.906min 3.640 ng/ml

response 3305825

(21) Endrin ketone #2 (B)

0.000min 0.000 ng/ml

response 0

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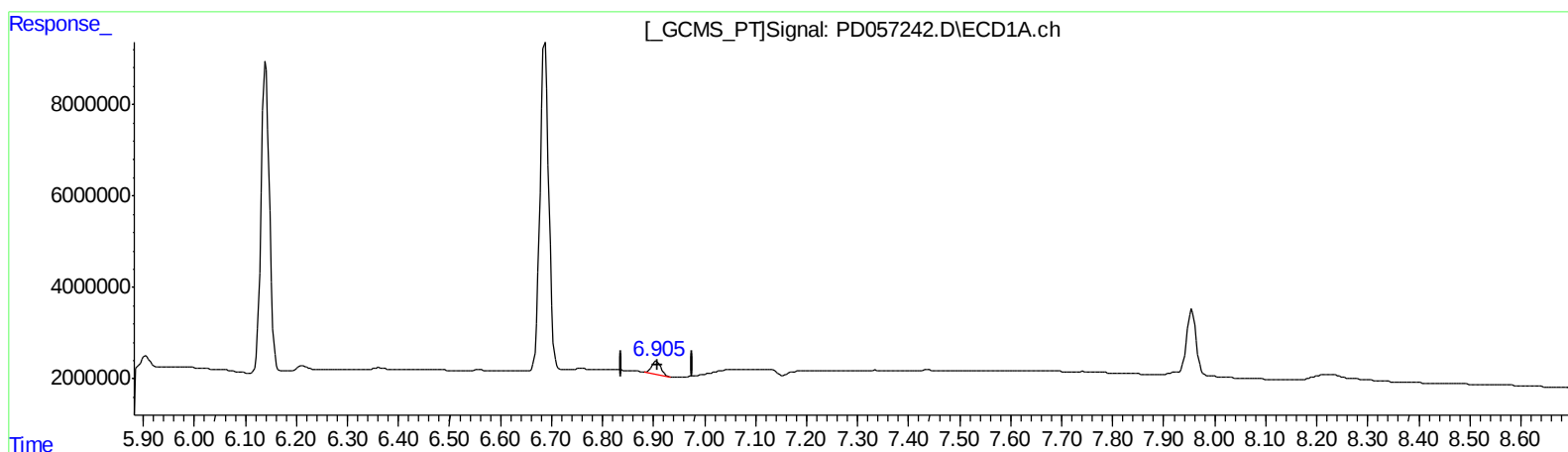
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(21) Endrin ketone (B)

6.905min 4.043 ng/ml m

response 3672130

(21) Endrin ketone #2 (B)

7.672min 2.980 ng/ml m

response 7230061

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.285	3.960	16863913	40406021	20.301	21.683
27) SA Decachlor...	7.956	8.997	19257642	42182446	18.563	18.660
Target Compounds						
2) A alpha-BHC	3.712	4.347	12199625	29221007	9.469	10.292
3) MA gamma-BHC...	3.987	4.628	11713876	28283486	9.237	9.982m
6) B beta-BHC	4.237	4.799	5267671	13364823	10.548	11.529
12) B 4,4'-DDE	5.397	6.284	167200	526652	0.151m	0.206m#
14) MA Endrin	5.771	6.651	42210274	101.8E6	48.033	48.369
16) A 4,4'-DDD	5.905	6.772	2987683	8398885	4.313	4.074m
17) MA 4,4'-DDT	6.140	7.072	77895558	203.4E6	119.706	107.147
18) B Endrin al...	6.210	6.981	1478248	2710539	1.821m	1.368m
20) A Methoxychlor	6.687	7.528	86819373	257.9E6	310.101	285.846
21) B Endrin ke...	6.905	7.672	3672130	7230061	4.043m	2.980m#

55
 02/20/20

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