

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021020\
Data File : PD057161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2020 17:33
Operator : AJ\MA
Sample : PEM18
Misc :
ALS Vial : 3 Sample Multiplier: 1

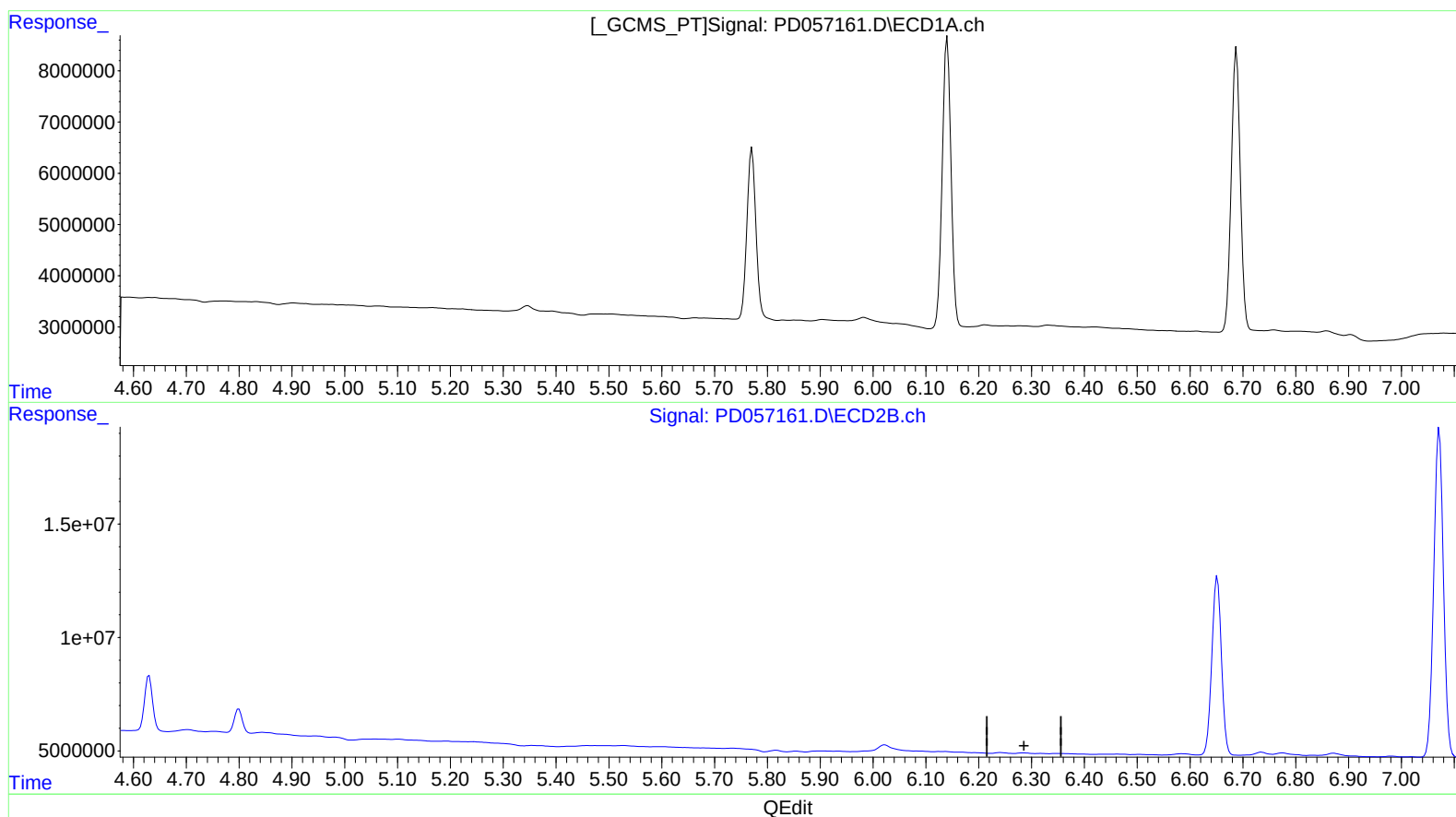
Instrument :
ECD_D
LabSampleId :
PEM18

Manual Integrations
APPROVED

mohammad
2/12/2020 3:19:06 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:36:10 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



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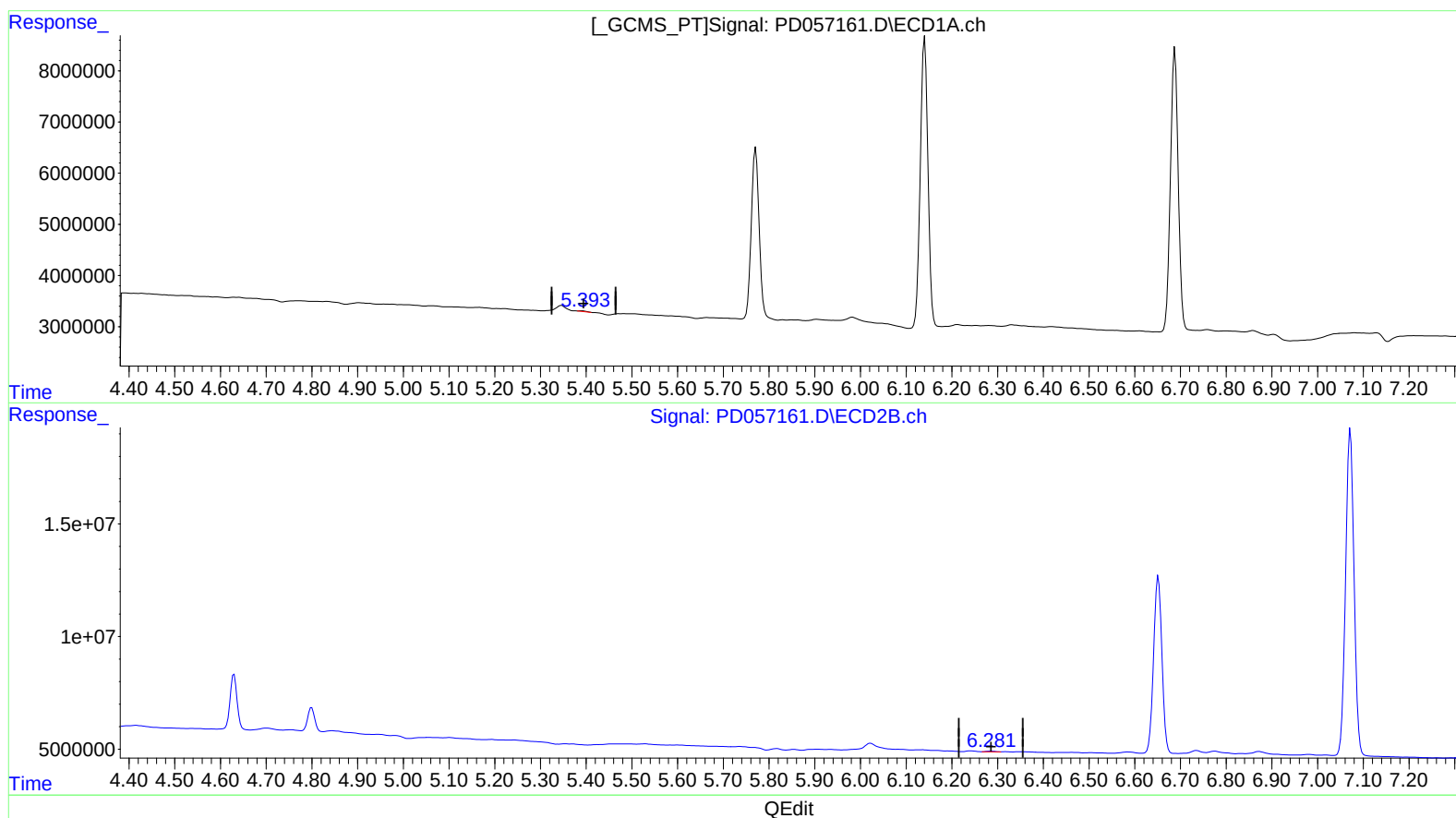
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(12) 4,4'-DDE (B)

5.393min 0.135 ng/ml m

response 148838

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

6.281min 0.140 ng/ml m

response 357791

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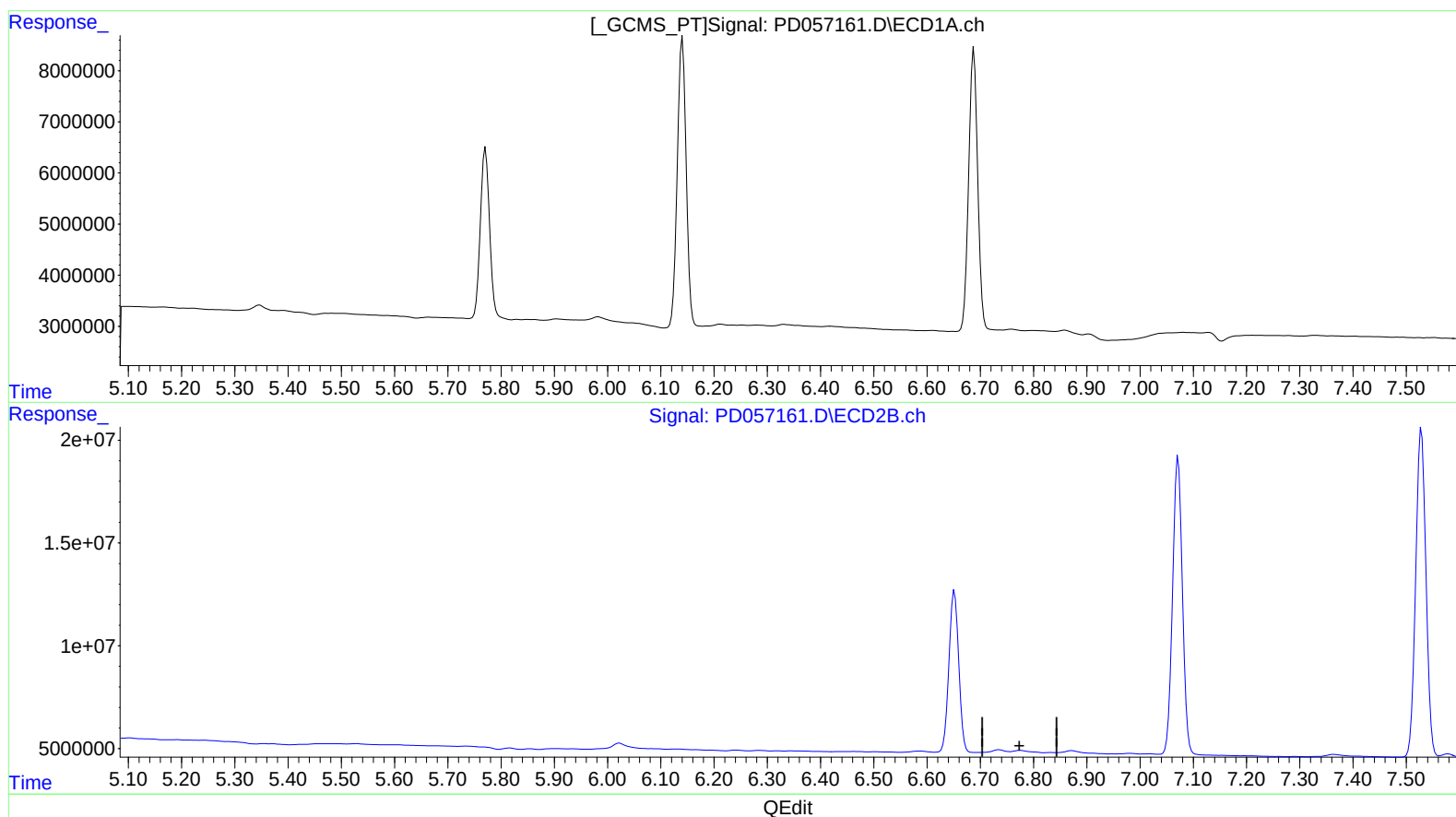
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

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

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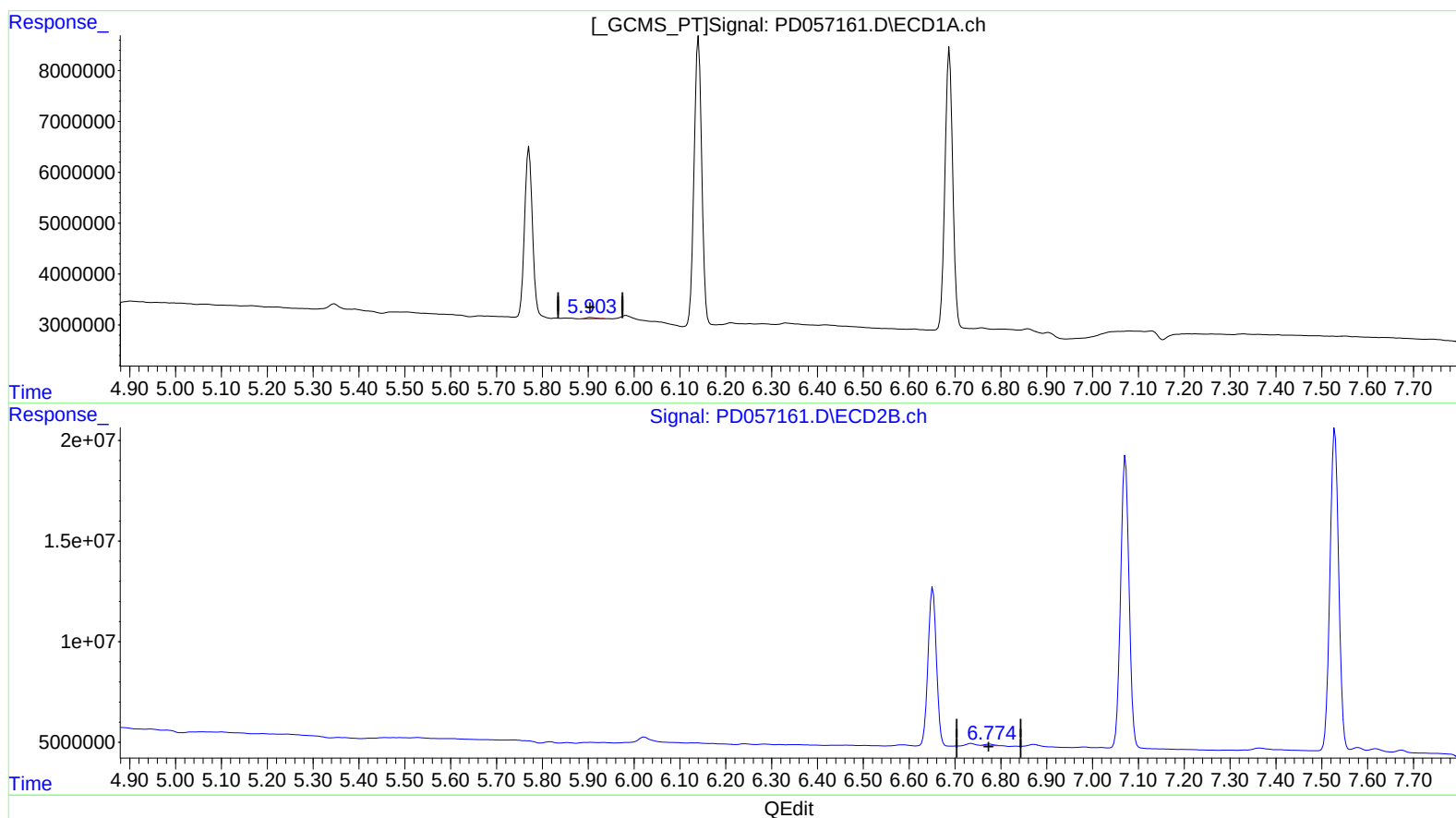
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(16) 4,4'-DDD (A)
5.903min 0.542 ng/ml m
response 375710

(16) 4,4'-DDD #2 (A)
6.774min 0.502 ng/ml m
response 1035238

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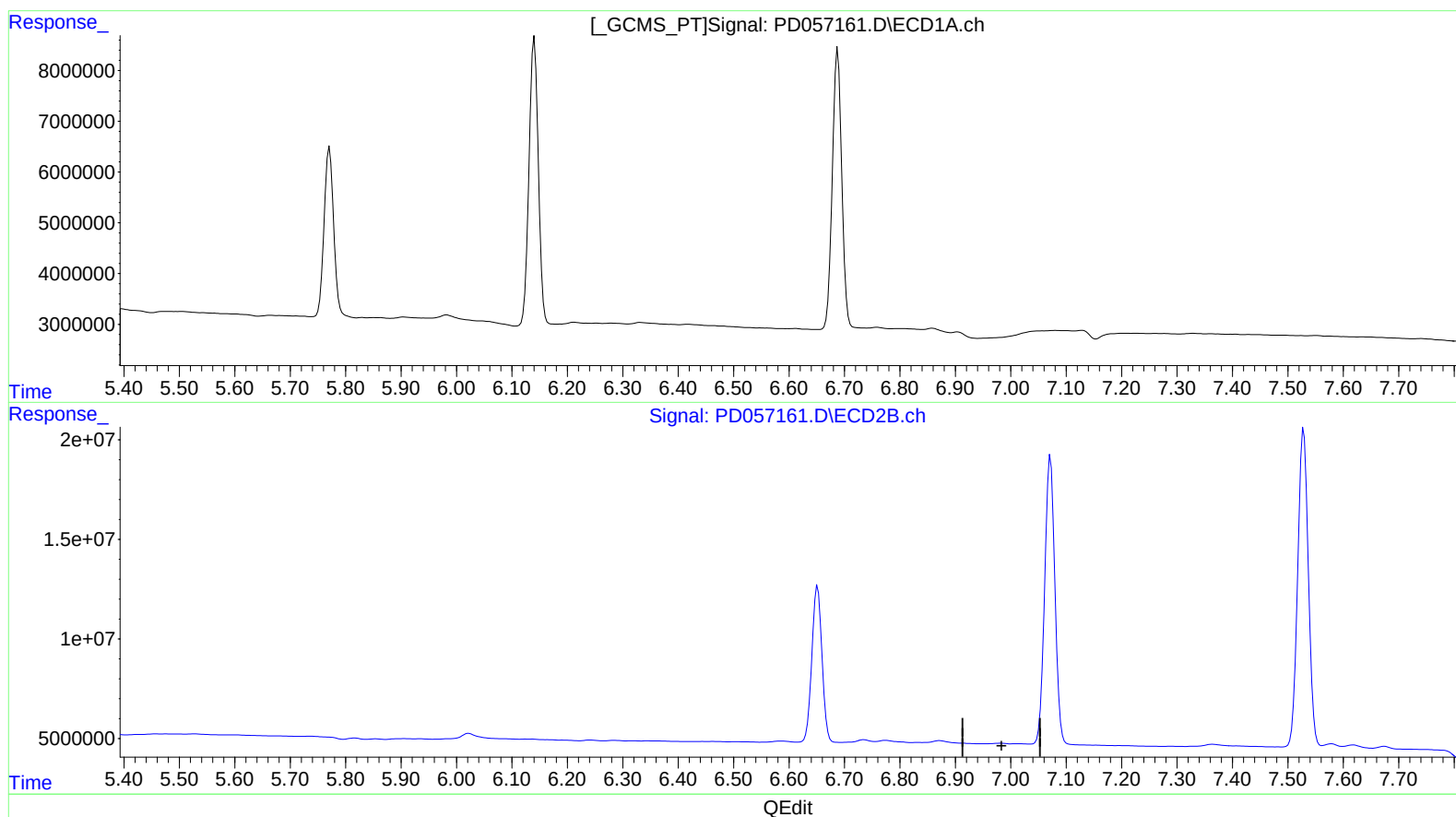
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(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

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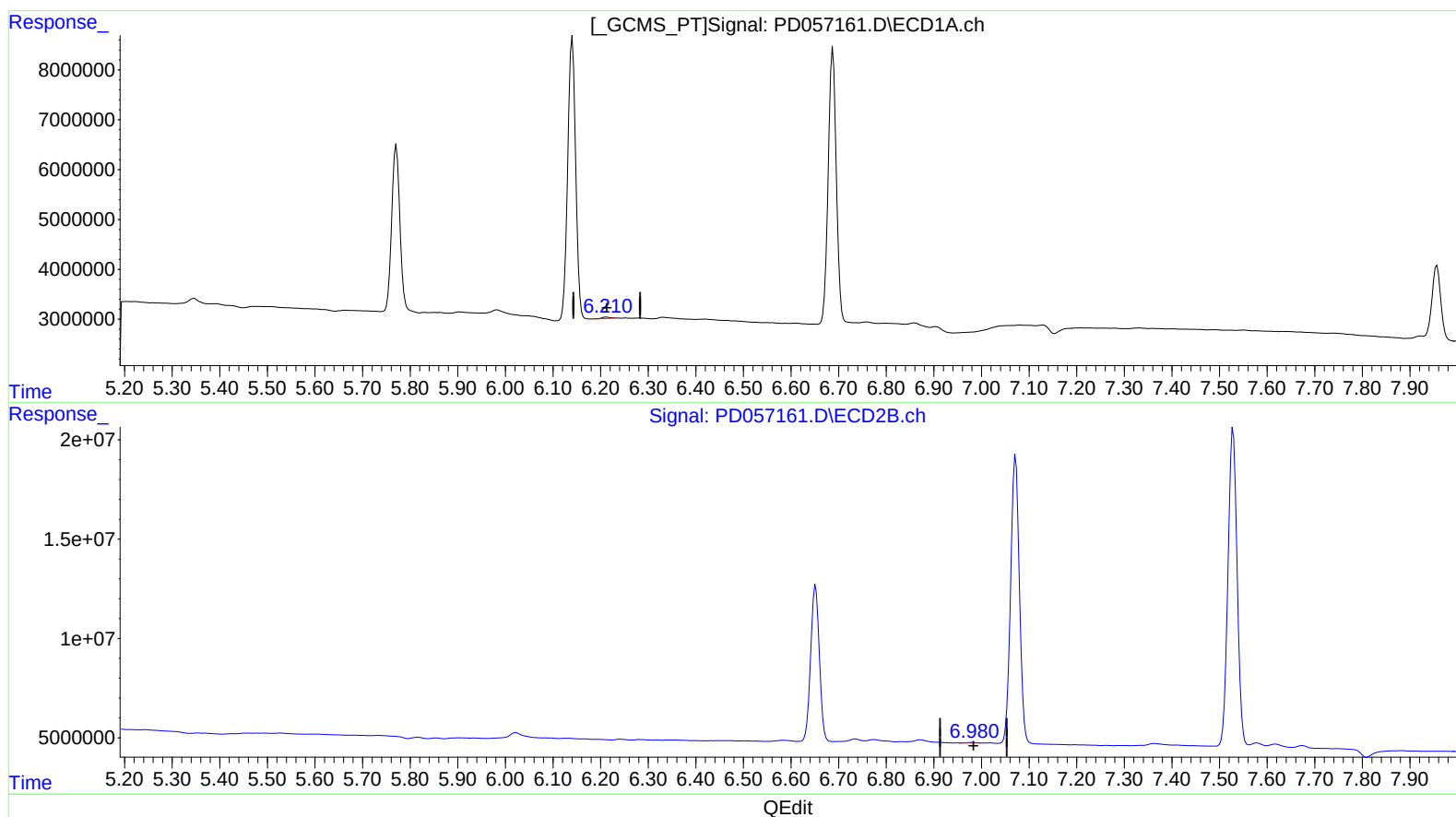
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(18) Endrin aldehyde (B)

6.210min 0.395 ng/ml m

response 320632

(18) Endrin aldehyde #2 (B)

6.980min 0.204 ng/ml m

response 404695

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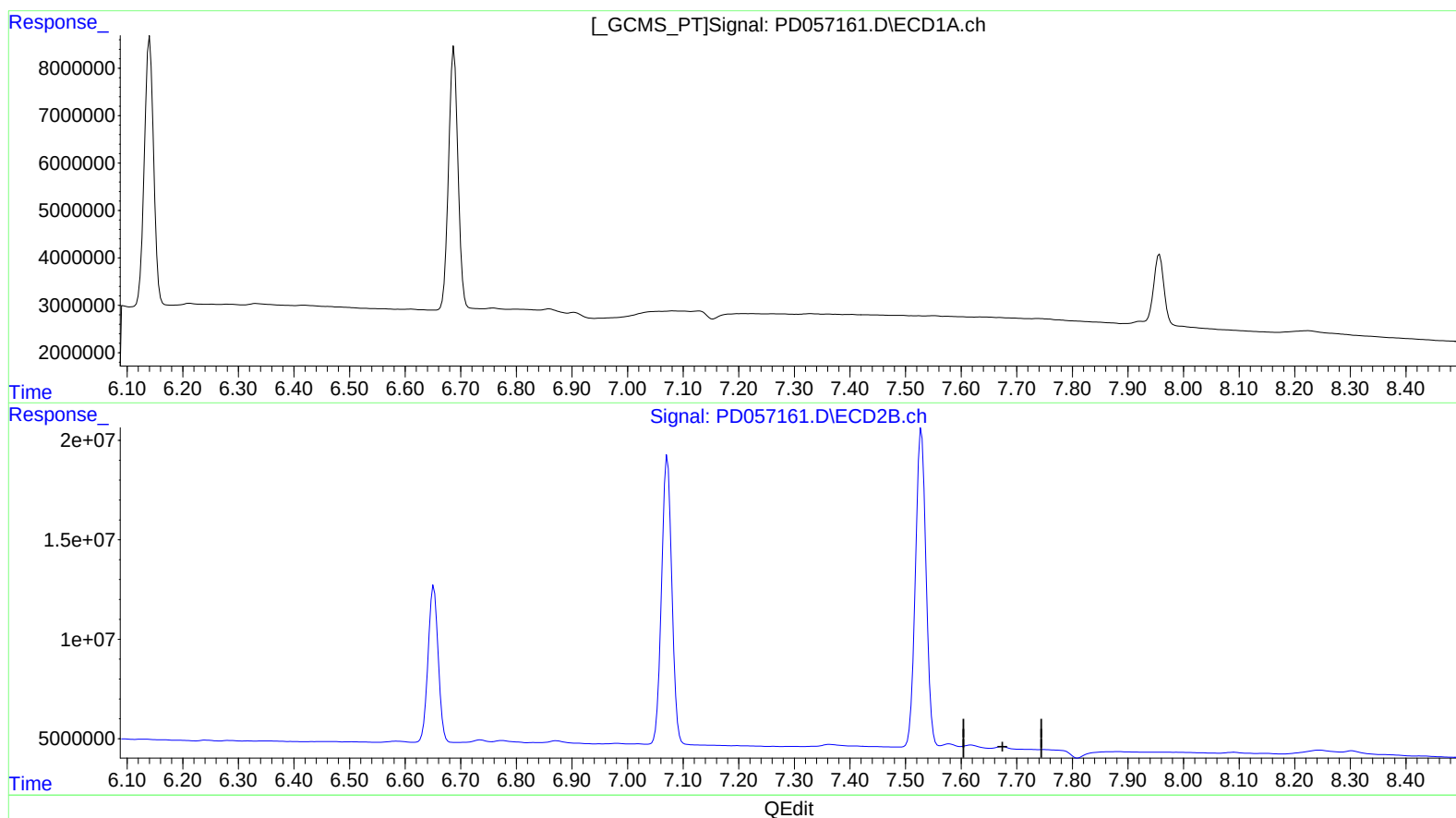
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(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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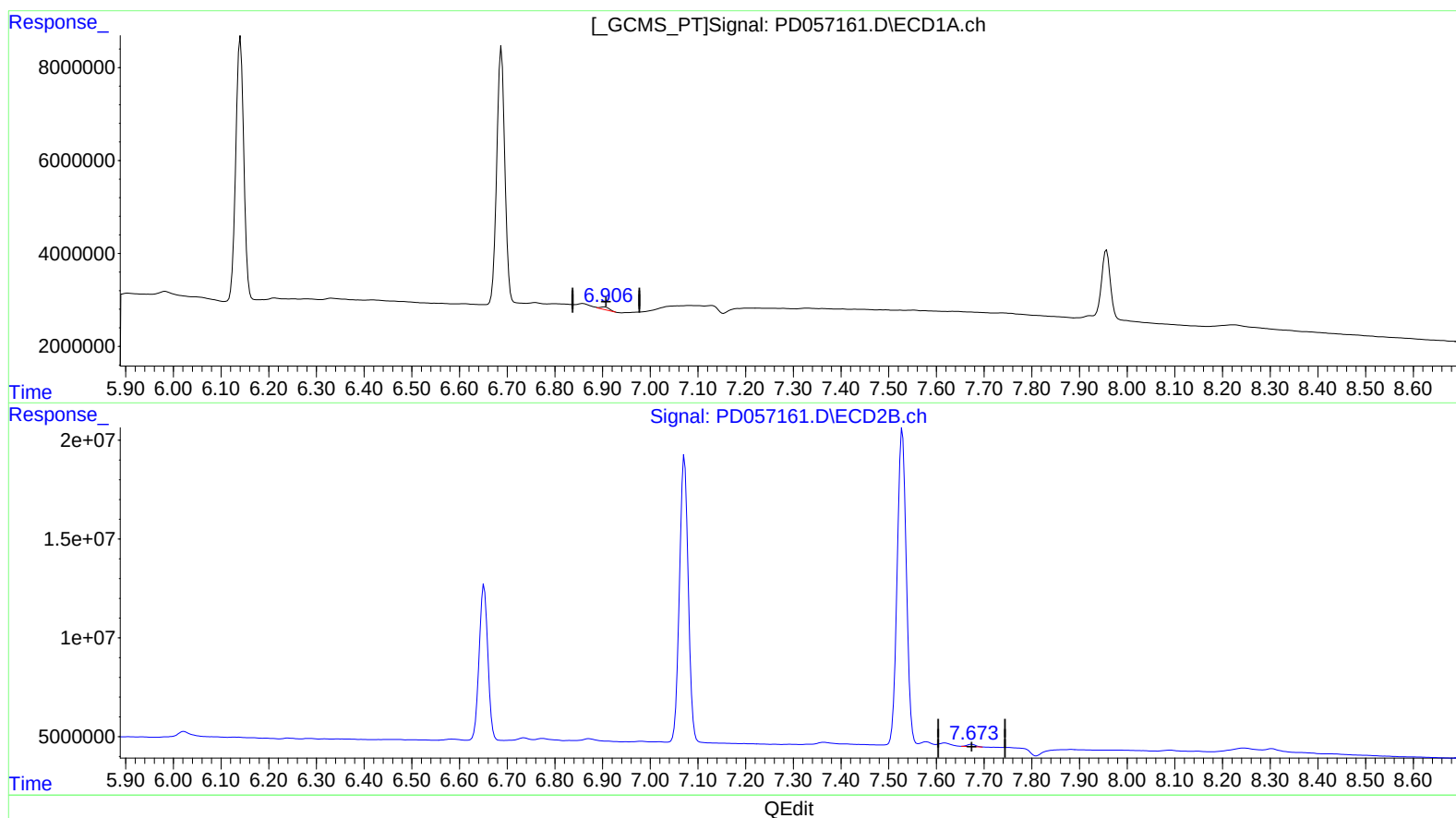
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(21) Endrin ketone (B)
6.906min 0.805 ng/ml m
response 731048

(21) Endrin ketone #2 (B)
7.673min 0.595 ng/ml m
response 1444093

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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 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...	3.285	3.961	15755853	35259791	18.967	18.921
27) SA Decachlor...	7.957	8.996	18330066	42926009	17.669	18.989
Target Compounds						
2) A alpha-BHC	3.712	4.348	12122973	26170400	9.410	9.217
3) MA gamma-BHC...	3.987	4.630	11277500	26186572	8.893	9.242
6) B beta-BHC	4.237	4.799	4878537	10967512	9.769	9.461
12) B 4,4'-DDE	5.393	6.281	148838	357791	0.135m	0.140m
14) MA Endrin	5.771	6.652	40304704	99408151	45.864	47.240
16) A 4,4'-DDD	5.903	6.774	375710	1035238	0.542m	0.502m
17) MA 4,4'-DDT	6.141	7.072	67365840	185.7E6	103.524	97.830
18) B Endrin al...	6.210	6.980	320632	404695	0.395m	0.204m#
20) A Methoxychlor	6.688	7.529	65403626	211.2E6	233.608	234.060
21) B Endrin ke...	6.906	7.673	731048	1444093	0.805m	0.595m#

SJ
 02/17/20

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