

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091019\
Data File : PD054456.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Sep 2019 17:27
Operator : SG\AJ
Sample : PEM46
Misc :
ALS Vial : 3 Sample Multiplier: 1

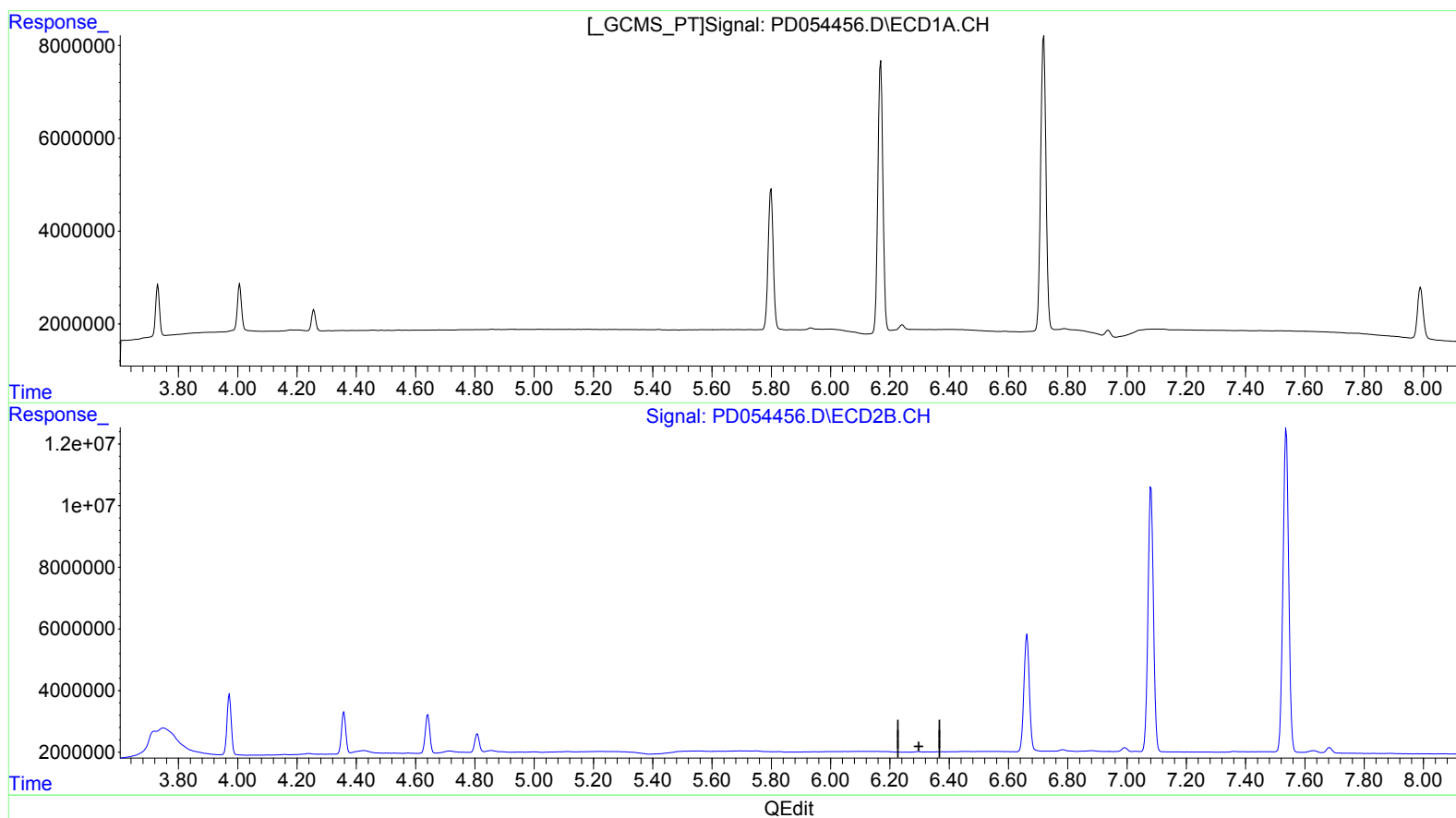
Instrument :
ECD_D
LabSampleId :
PEM46

Manual Integrations
APPROVED

Ankita
9/10/2019 6:07:00 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 17:53:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090419CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 05 08:40:10 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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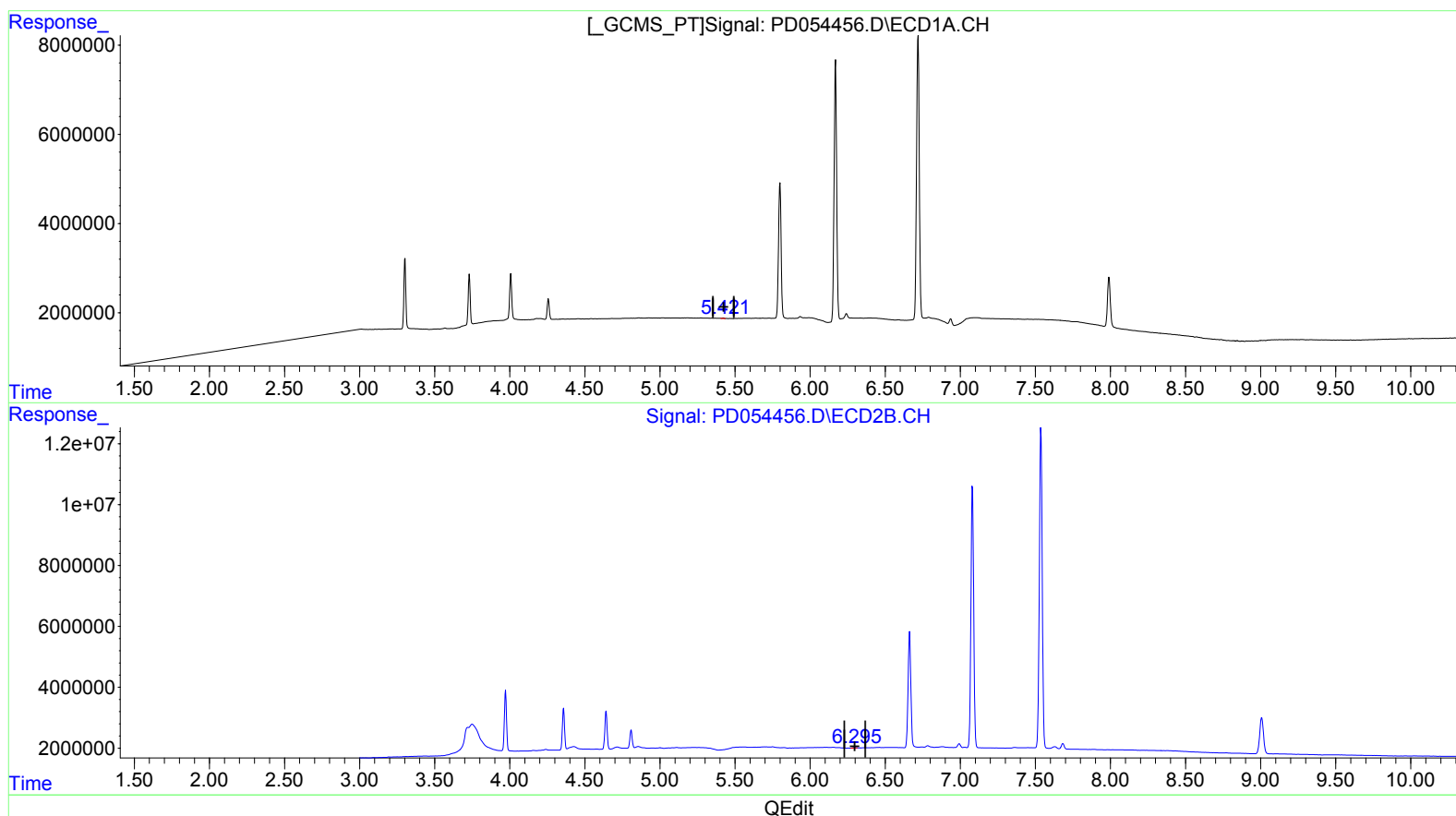
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(12) 4,4'-DDE (B)

5.421min 0.109 ng/ml m

response 100387

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

6.295min 0.151 ng/ml m

response 208626

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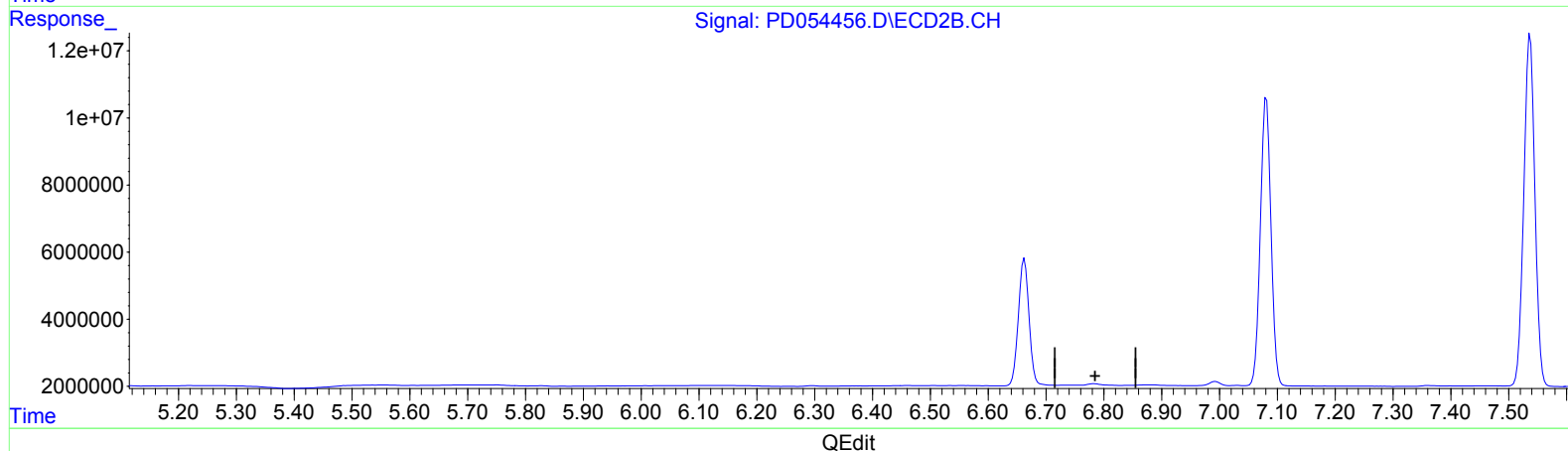
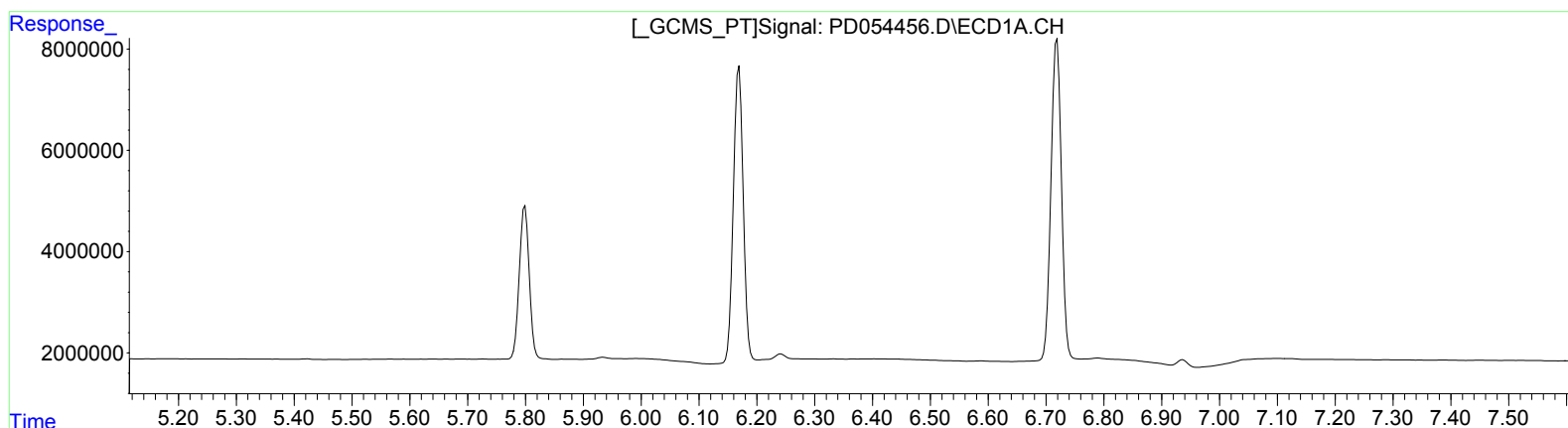
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

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

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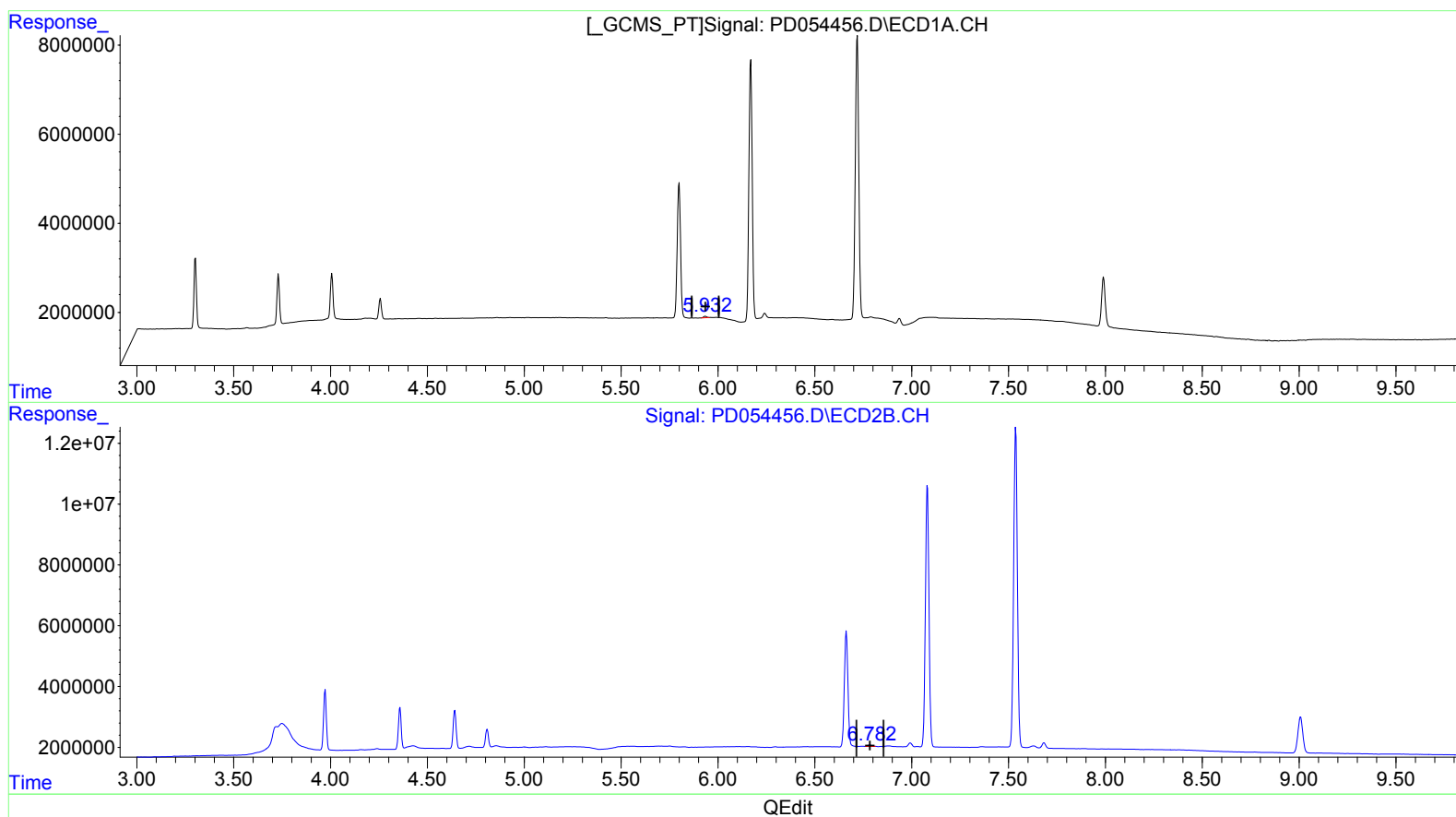
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(16) 4,4'-DDD (A)

5.932min 0.541 ng/ml m

response 374326

(16) 4,4'-DDD #2 (A)

6.782min 0.610 ng/ml m

response 649891

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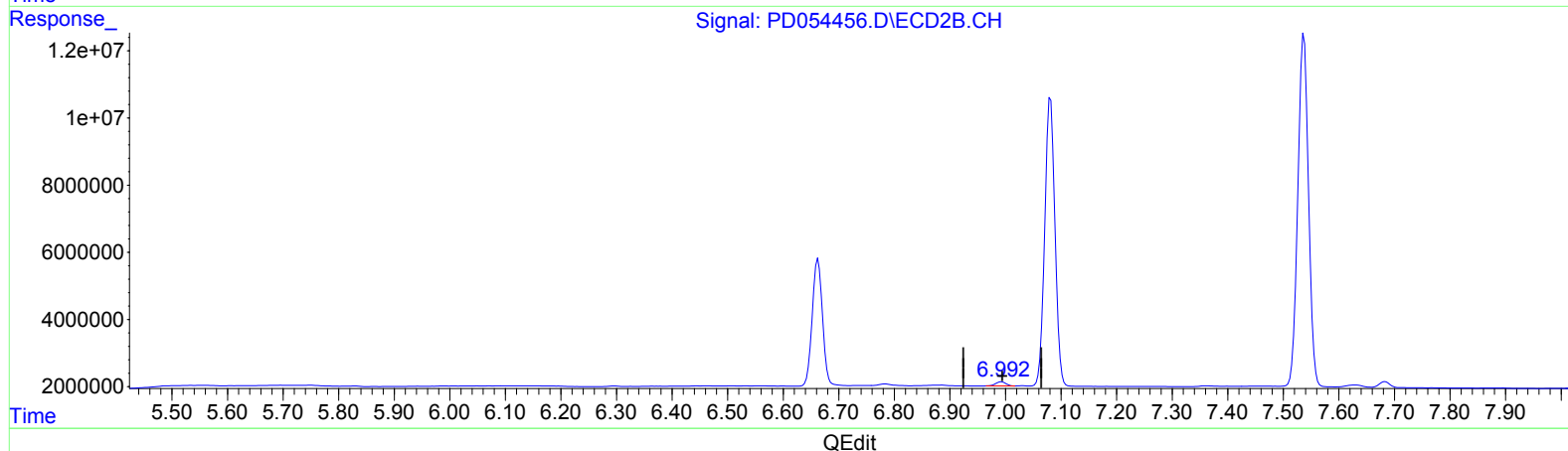
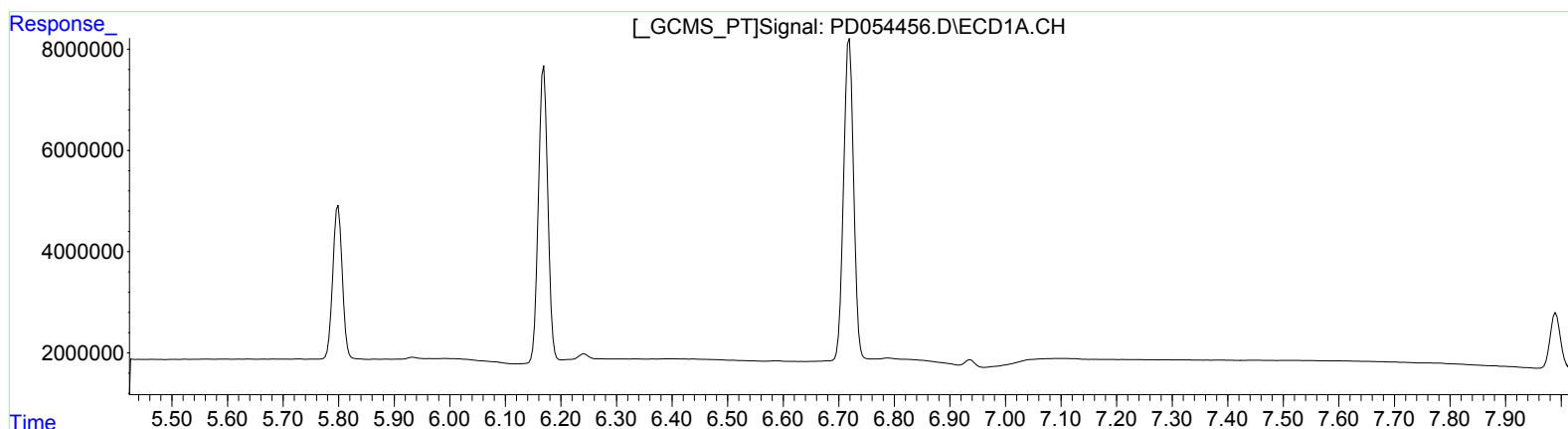
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

6.993min 1.557 ng/ml

response 1570943

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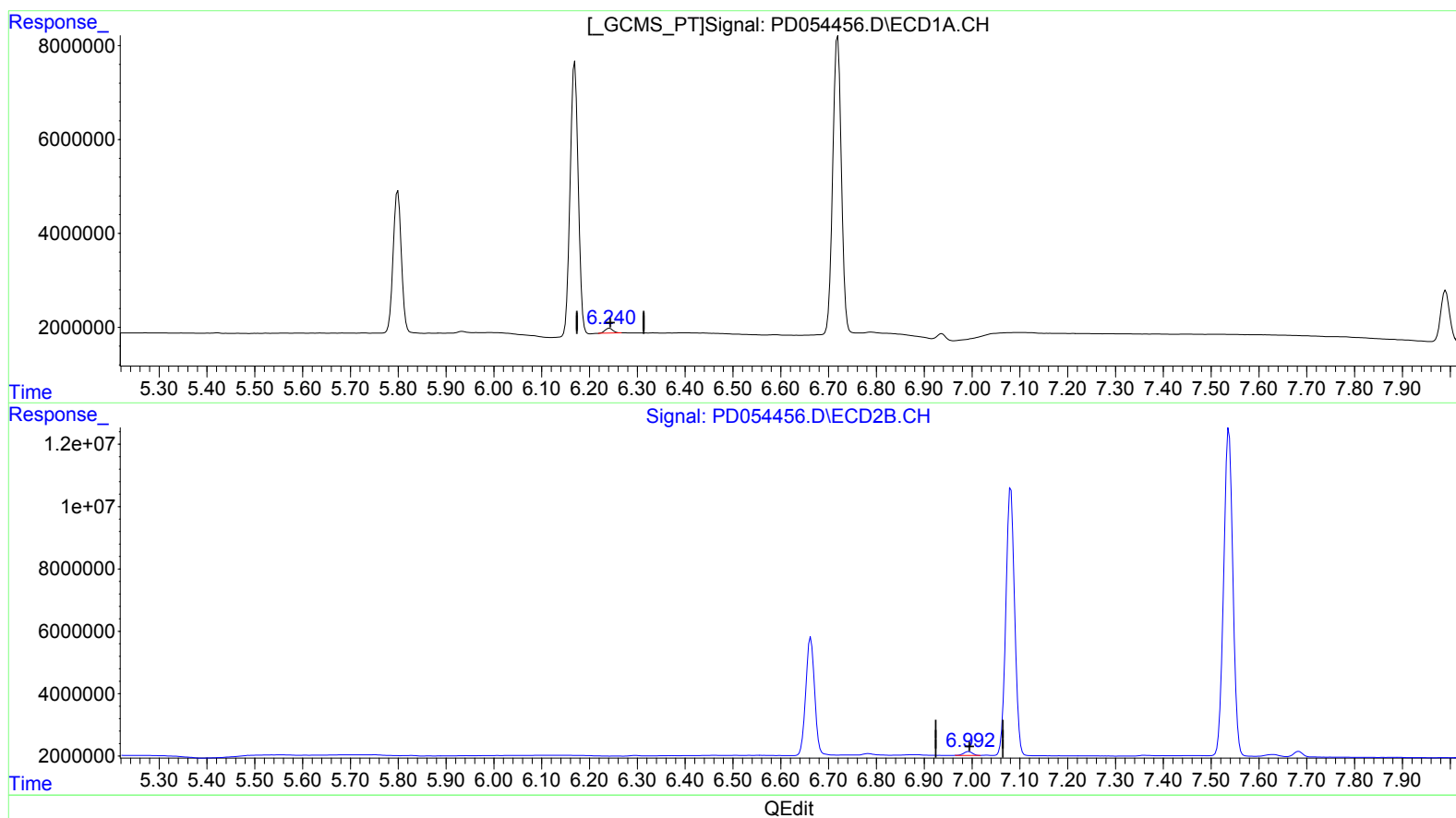
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.240min 1.741 ng/ml m

response 1178229

(18) Endrin aldehyde #2 (B)

6.993min 1.557 ng/ml

response 1570943

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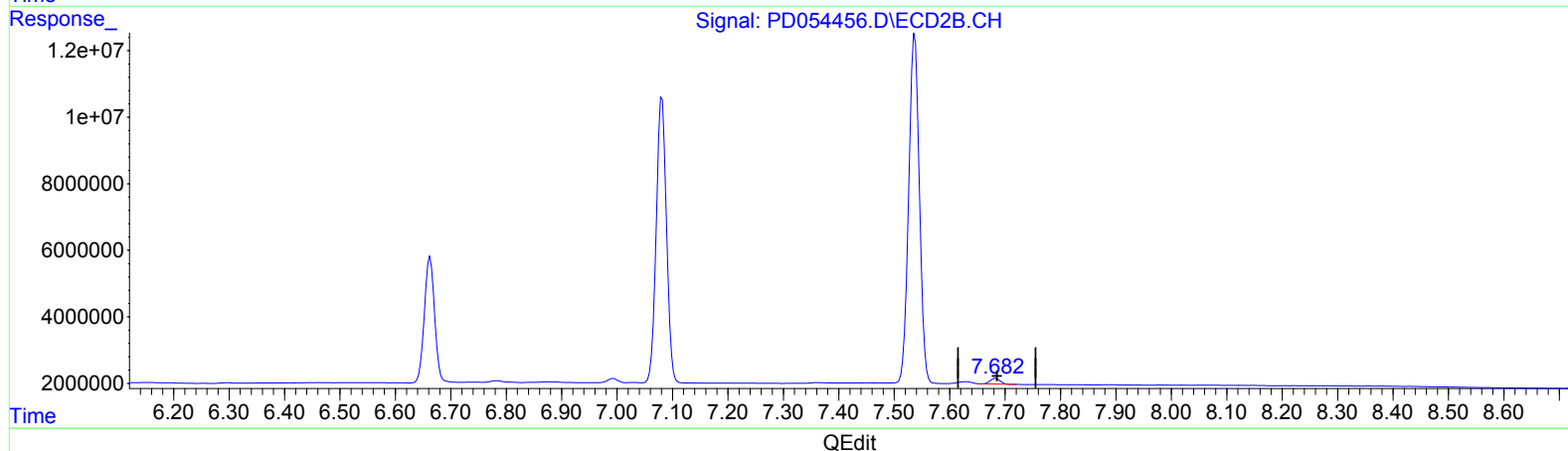
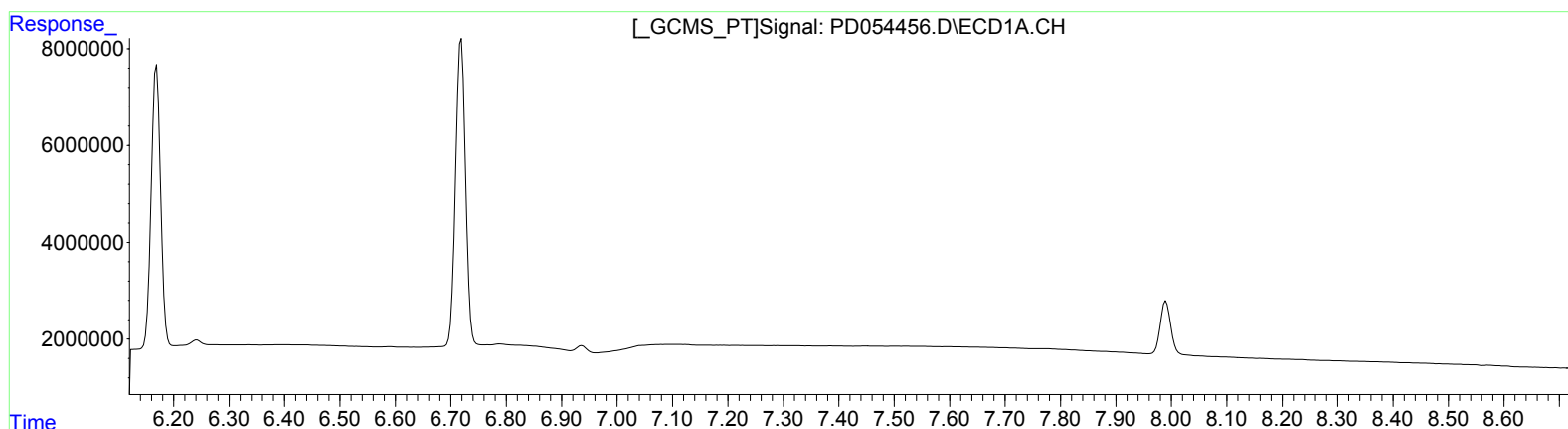
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

7.683min 1.615 ng/ml

response 2028418

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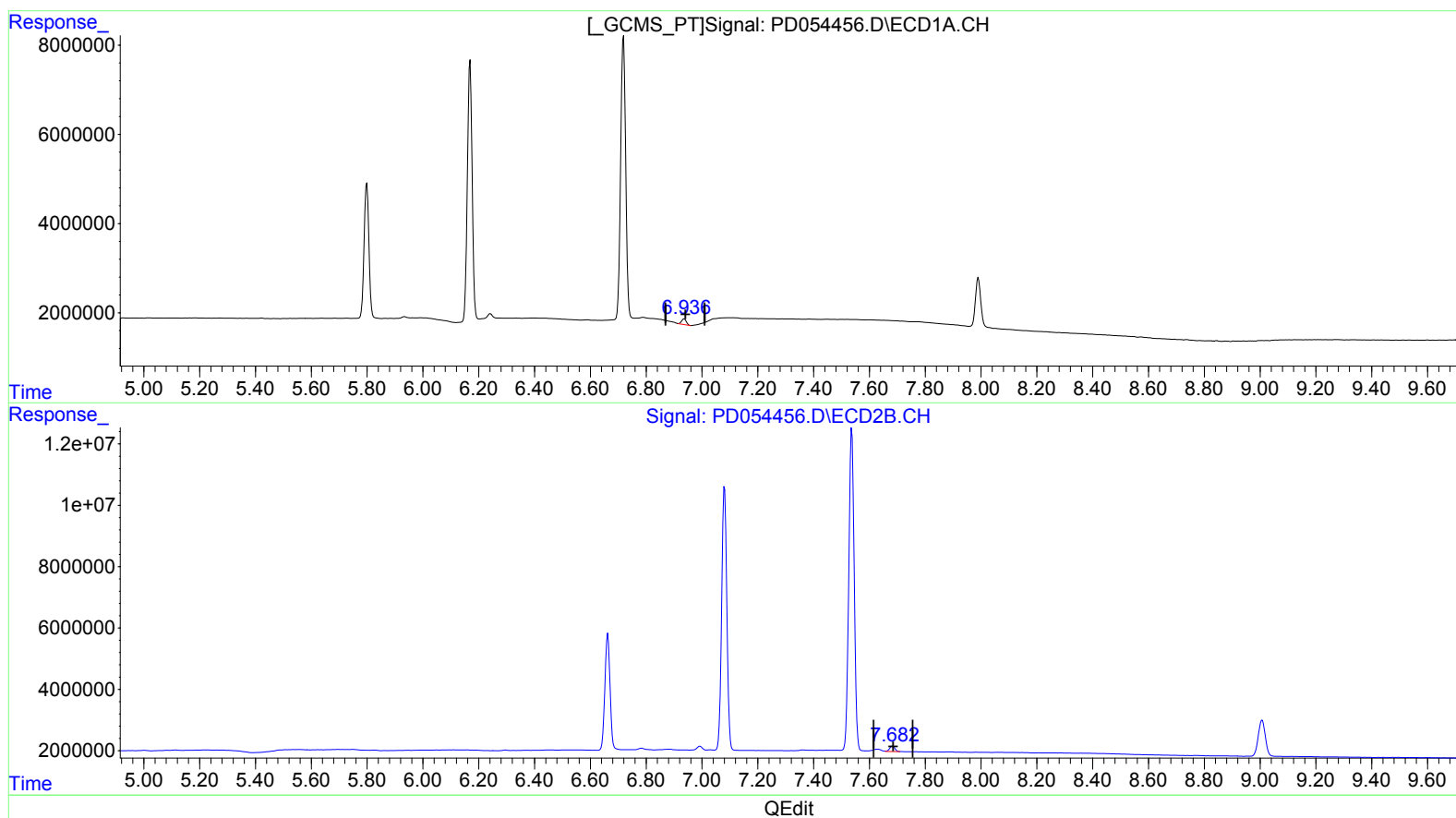
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.936min 1.708 ng/ml m
response 1470736

(21) Endrin ketone #2 (B)
7.682min 1.817 ng/ml m
response 2283258

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 Sample : PEM46
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 9/10/2019 6:07:00 PM

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.302	3.972	13951858	19649430	19.740	19.909
27) SA Decachlor...	7.990	9.008	14477336	20644314	21.392	22.068
Target Compounds						
2) A alpha-BHC	3.731	4.359	10090634	13933133	9.286	9.343
3) MA gamma-BHC...	4.007	4.642	9361958	13182702	9.488	9.408
6) B beta-BHC	4.257	4.808	4321127	6215438	9.798	9.420
12) B 4,4'-DDE	5.421	6.295	100387	208626	0.109m	0.151m#
14) MA Endrin	5.799	6.663	36255639	48510551	47.209	47.480
16) A 4,4'-DDD	5.932	6.782	374326	649891	0.541m	0.610m
17) MA 4,4'-DDT	6.169	7.081	68860071	109.3E6	109.444	105.240
18) B Endrin al...	6.240	6.993	1178229	1570943	1.741m	1.557
20) A Methoxychlor	6.719	7.537	79090468	140.0E6	282.120	266.911
21) B Endrin ke...	6.936	7.682	1470736	2283258	1.708m	1.817m

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

A-J
 09/10/2019