

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042319\
Data File : PD053058.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Apr 2019 19:09
Operator : AJ\SJ
Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

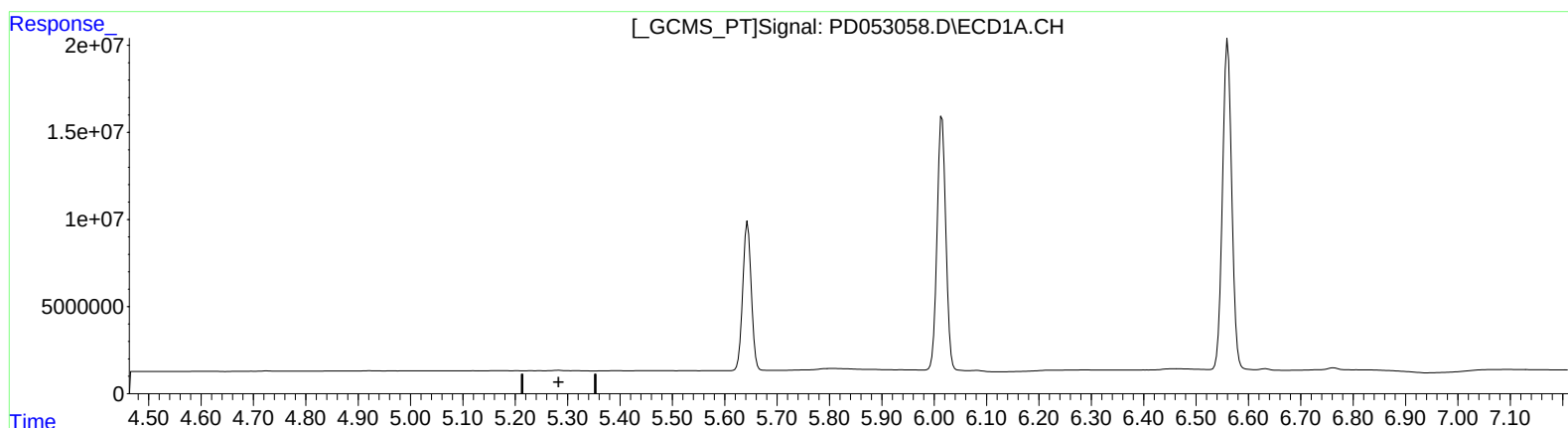
Instrument :
ECD_D
LabSampleId :
PEM50

Manual Integrations
APPROVED

Sohil
4/24/2019 11:26:31 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 03:58:05 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042319CLP.M
Quant Title : GC Extractables
QLast Update : Wed Apr 24 03:53:52 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 x 0.2 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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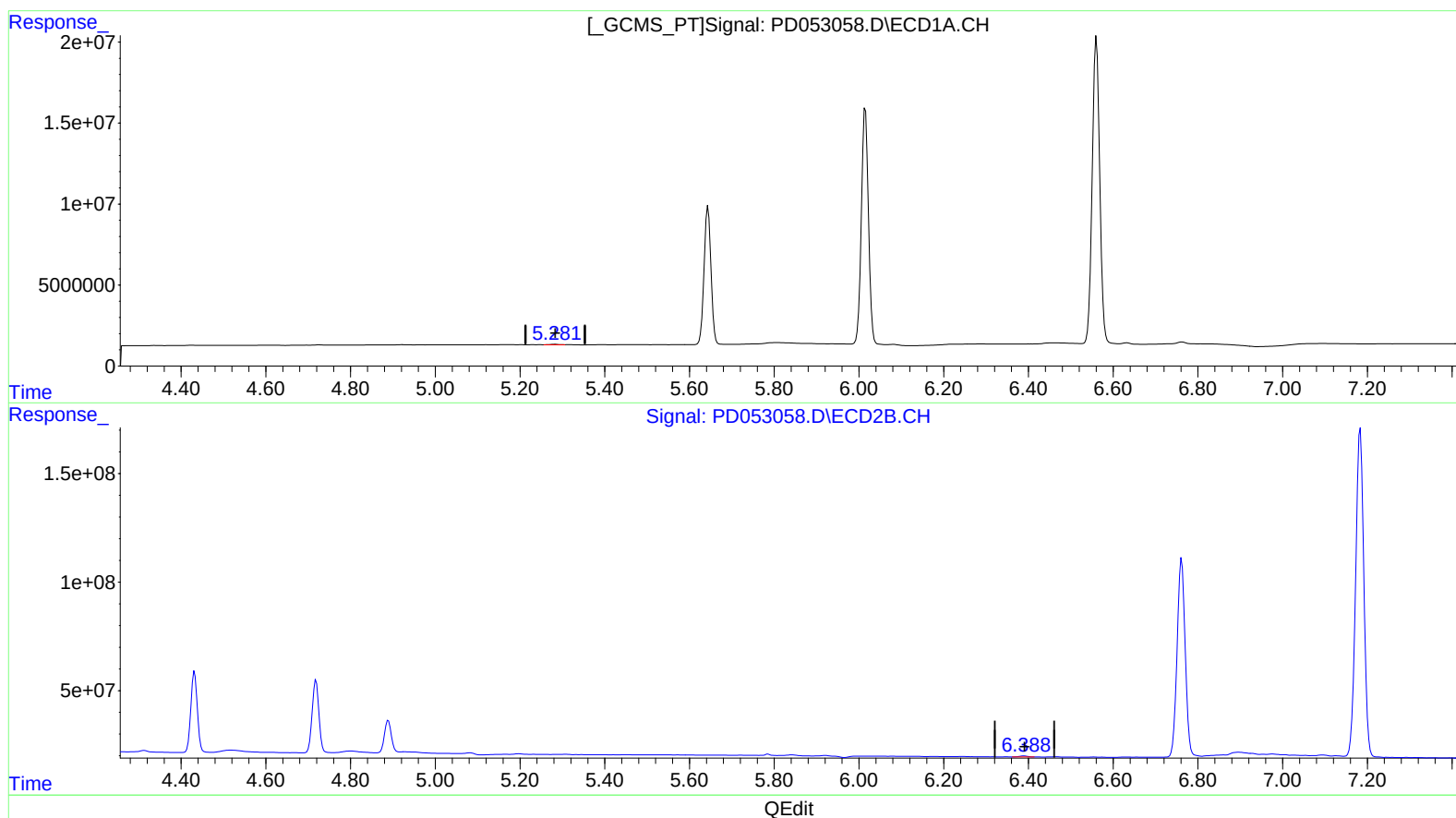
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(12) 4,4'-DDE (B)
5.281min 0.165 ng/ml m
response 311037

(12) 4,4'-DDE #2 (B)
6.388min 0.224 ng/ml m
response 6284163

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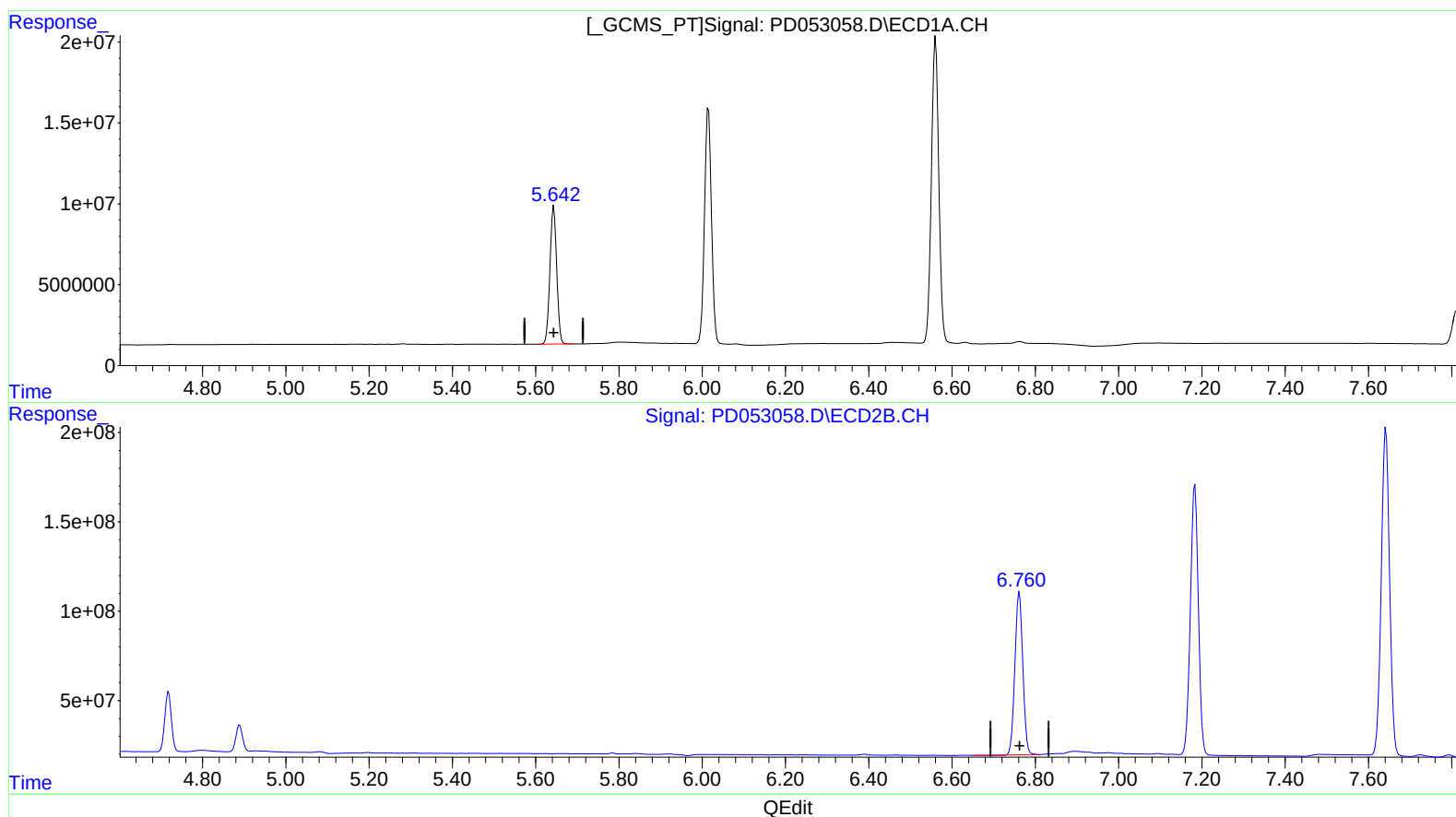
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)
5.644min 53.014 ng/ml
response 96274502

(14) Endrin #2 (MA)
6.762min 49.764 ng/ml
response 1198243793

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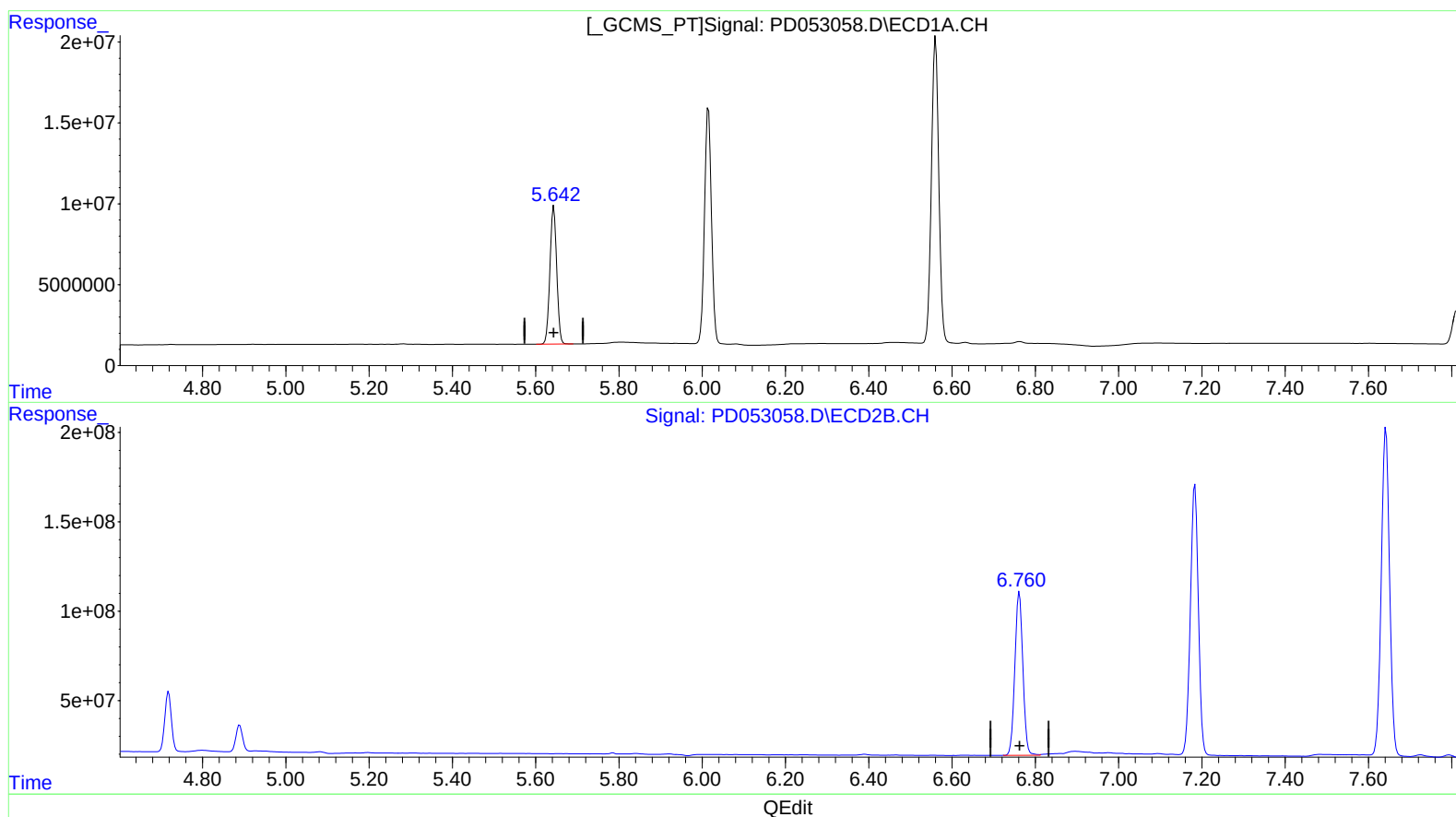
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)

5.644min 53.014 ng/ml

response 96274502

(14) Endrin #2 (MA)

6.760min 50.637 ng/ml m

response 1219261177

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Sample : PEM50
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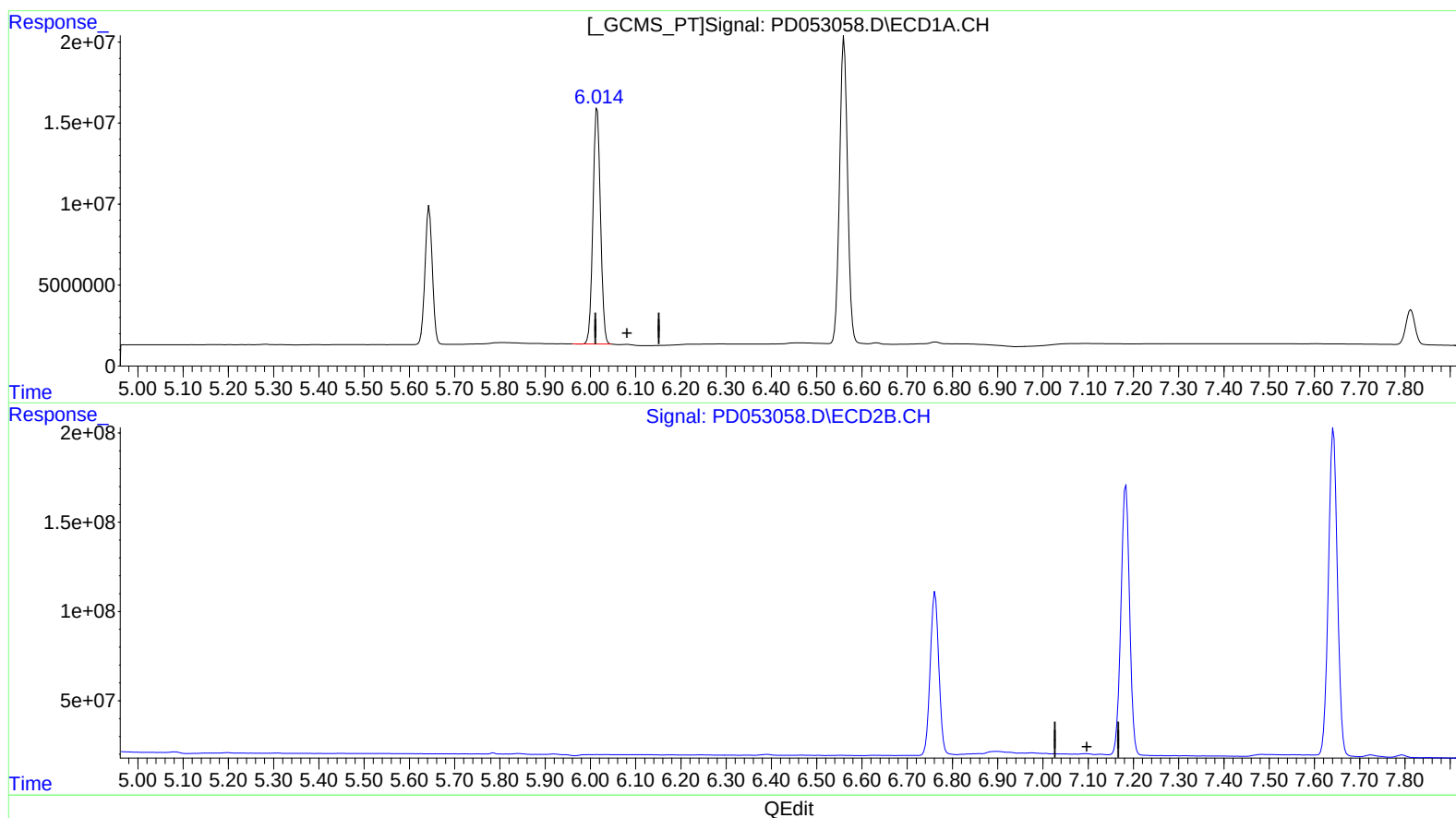
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.015min 117.978 ng/ml

response 168775991

(18) Endrin aldehyde #2 (B)

0.000min 0.000 ng/ml

response 0

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Sample : PEM50
Misc :
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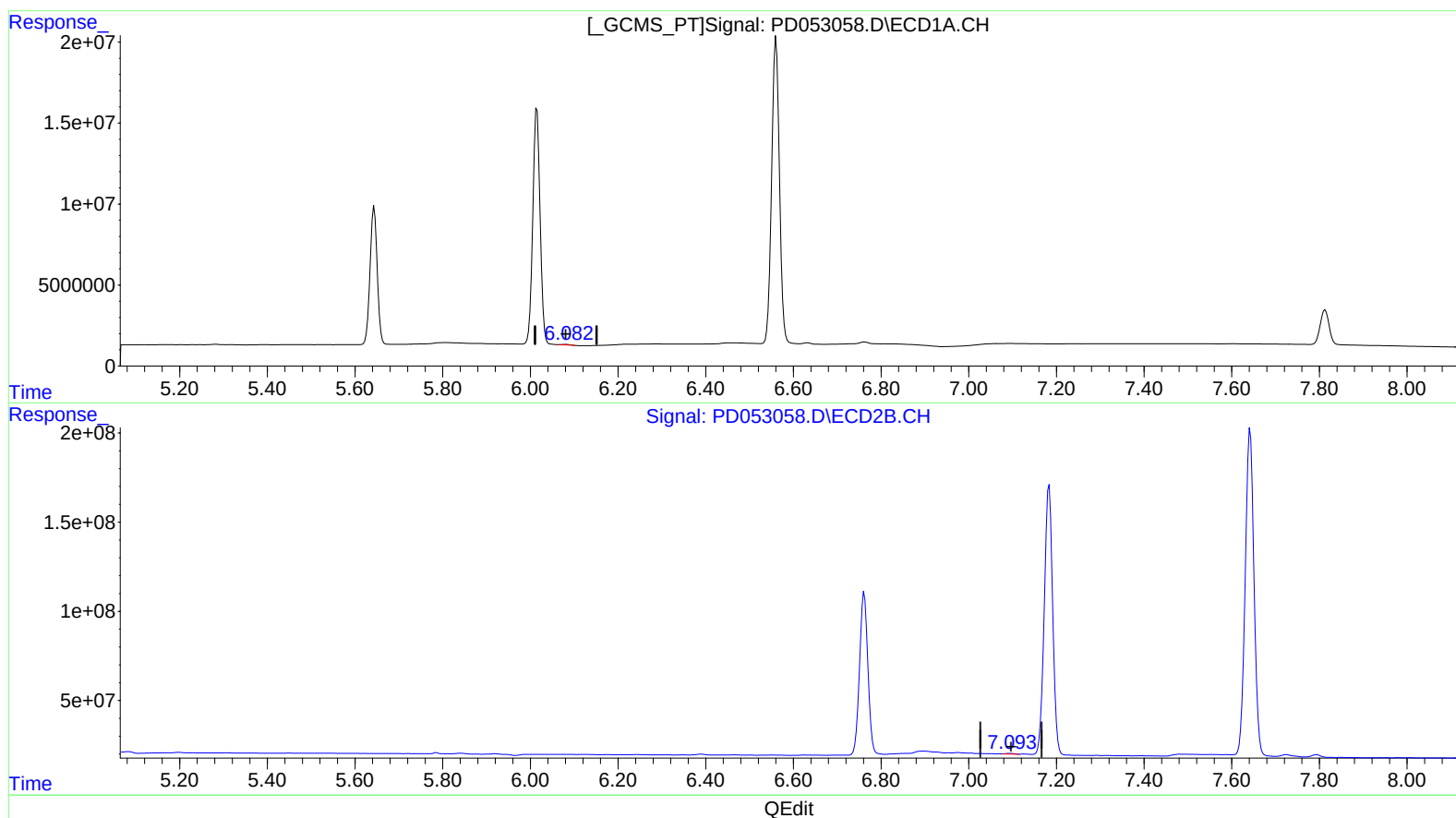
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.082min 0.317 ng/ml m

response 454056

(18) Endrin aldehyde #2 (B)

7.093min 0.243 ng/ml m

response 4962235

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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

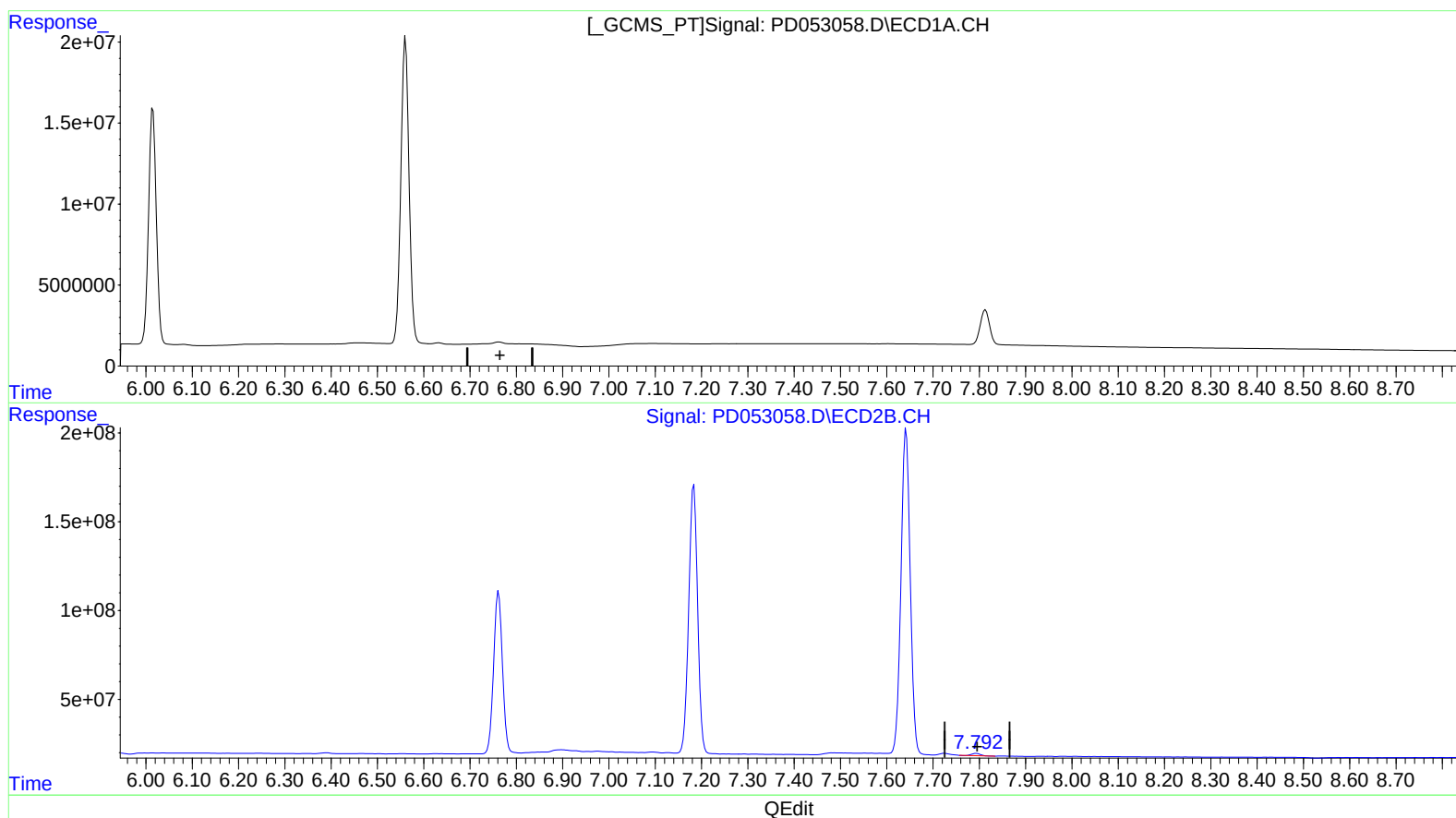
Instrument :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

7.794min 0.752 ng/ml

response 16207453

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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

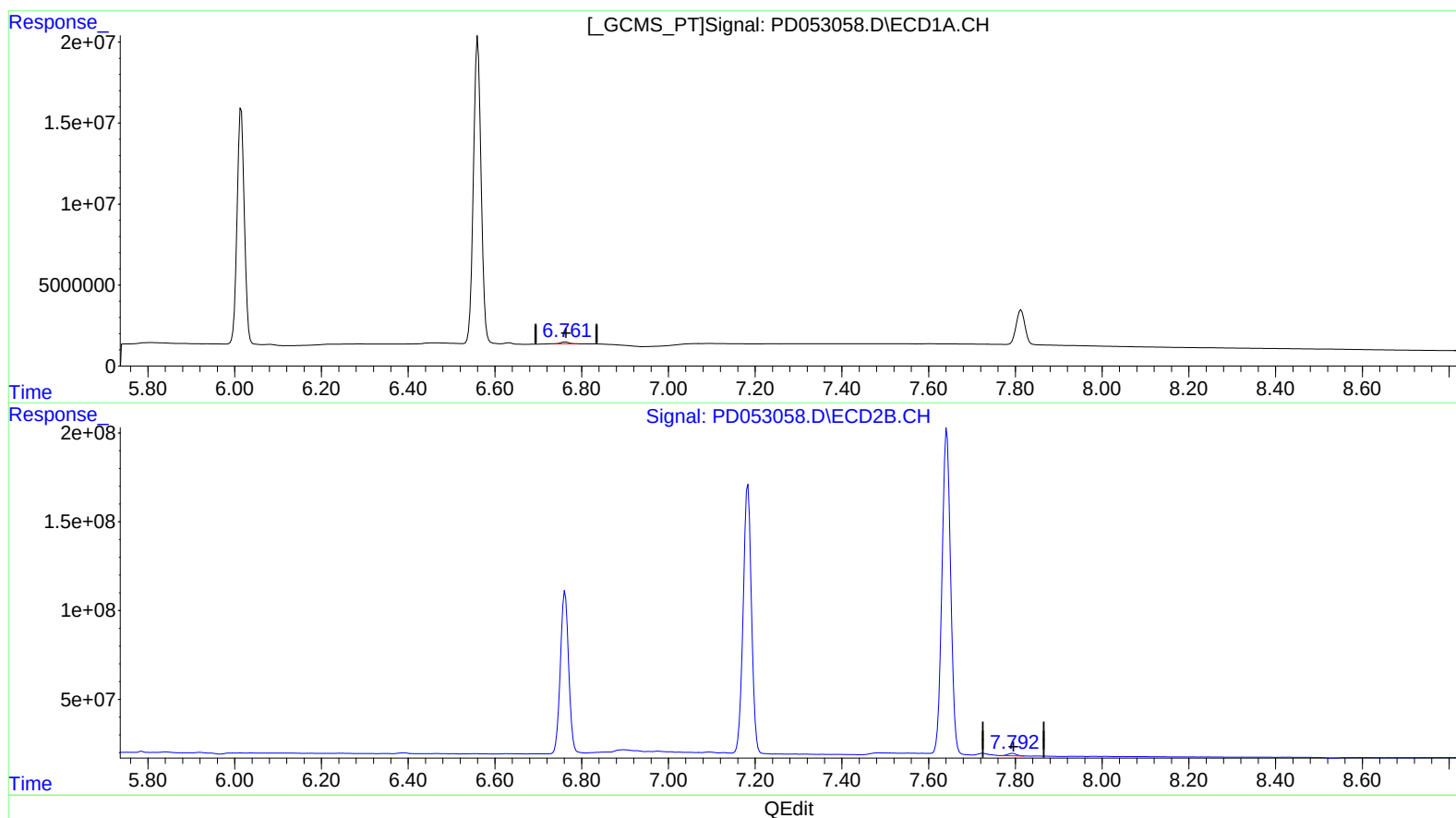
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)
6.761min 0.808 ng/ml m
response 1413041

(21) Endrin ketone #2 (B)
7.792min 0.868 ng/ml m
response 18705974

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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

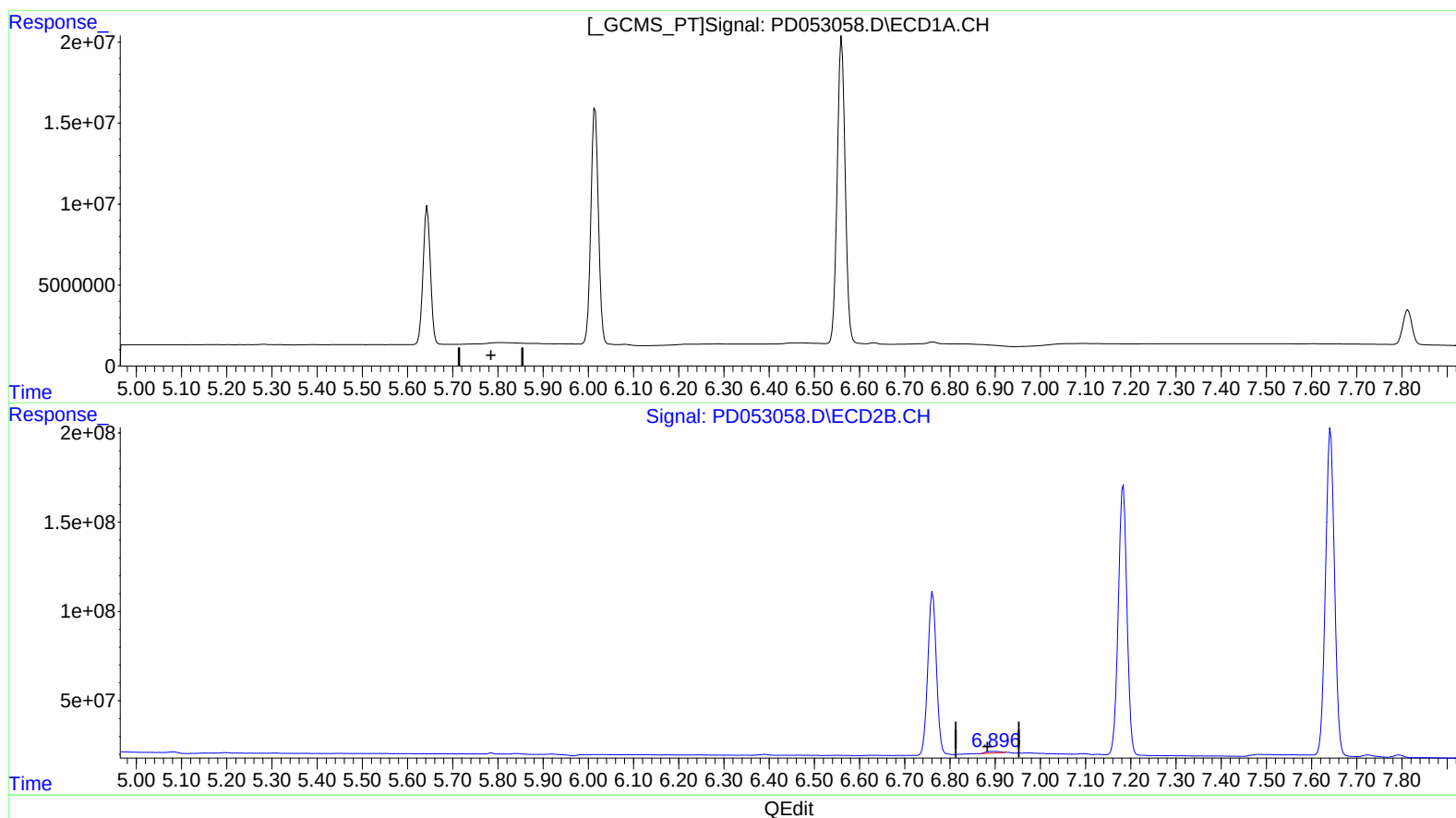
Instrument :
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LabSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 10:26:21 2019
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(16) 4,4'-DDD (A)
0.000min 0.000 ng/ml
response 0

(16) 4,4'-DDD #2 (A)
6.897min 0.766 ng/ml
response 17634800

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Sample : PEM50
Misc :
ALS Vial : 3 Sample Multiplier: 1

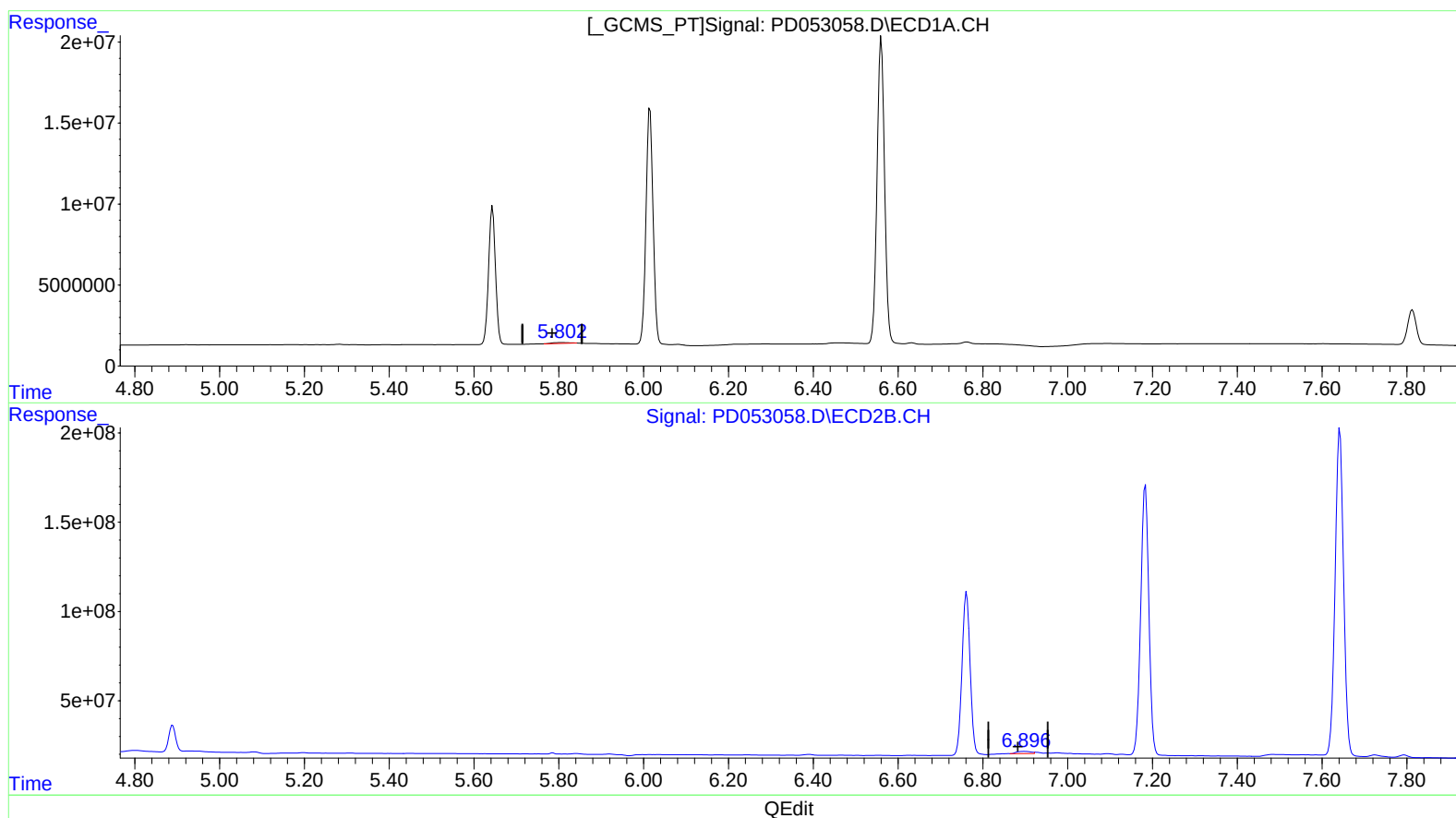
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(16) 4,4'-DDD (A)

5.802min 0.869 ng/ml m

response 1386964

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

6.896min 1.289 ng/ml m

response 29668487

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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

1) SA Tetrachlo...	3.217	4.040	28014148	515.9E6	19.969	20.276
27) SA Decachlor...	7.813	9.152	30318936	423.2E6	21.083	22.088

Target Compounds

2) A alpha-BHC	3.636	4.432	19697369	396.4E6	9.305	10.400
3) MA gamma-BHC...	3.904	4.718	19642888	368.9E6	9.637	10.638
6) B beta-BHC	4.151	4.889	9100464	163.2E6	10.223	10.597
12) B 4,4'-DDE	5.281	6.388	311037	6284163	0.165m	0.224m#
14) MA Endrin	5.644	6.760	96274502	1219.3E6	53.014	50.637m
16) A 4,4'-DDD	5.802	6.896	1386964	29668487	0.869m	1.289m#
17) MA 4,4'-DDT	6.015	7.183	168.8E6	2012.2E6	118.795	106.044
18) B Endrin al...	6.082	7.093	454056	4962235	0.317m	0.243m
20) A Methoxychlor	6.561	7.642	232.7E6	2531.5E6	258.776	250.771
21) B Endrin ke...	6.761	7.792	1413041	18705974	0.808m	0.868m

AJ
 04/26/19

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