

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111221\
 Data File : PD066897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2021 11:33
 Operator : AR\AJ
 Sample : PEM040
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

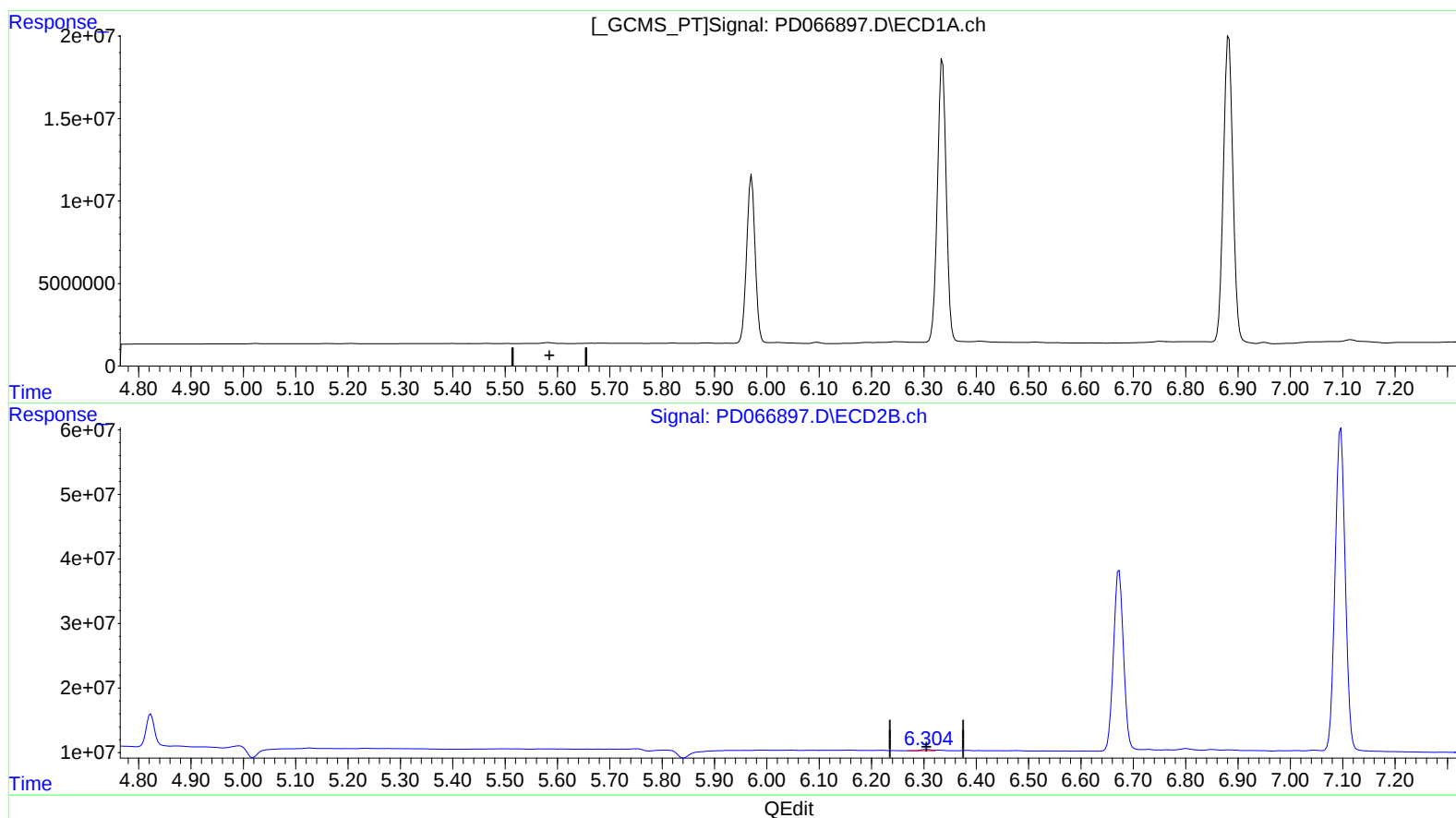
Instrument :
 ECD_D
 LabSampleId :
 PEM040

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 01:03:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102721CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 16:50:52 2021
 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)

6.306min 0.377 ng/ml

response 2867548

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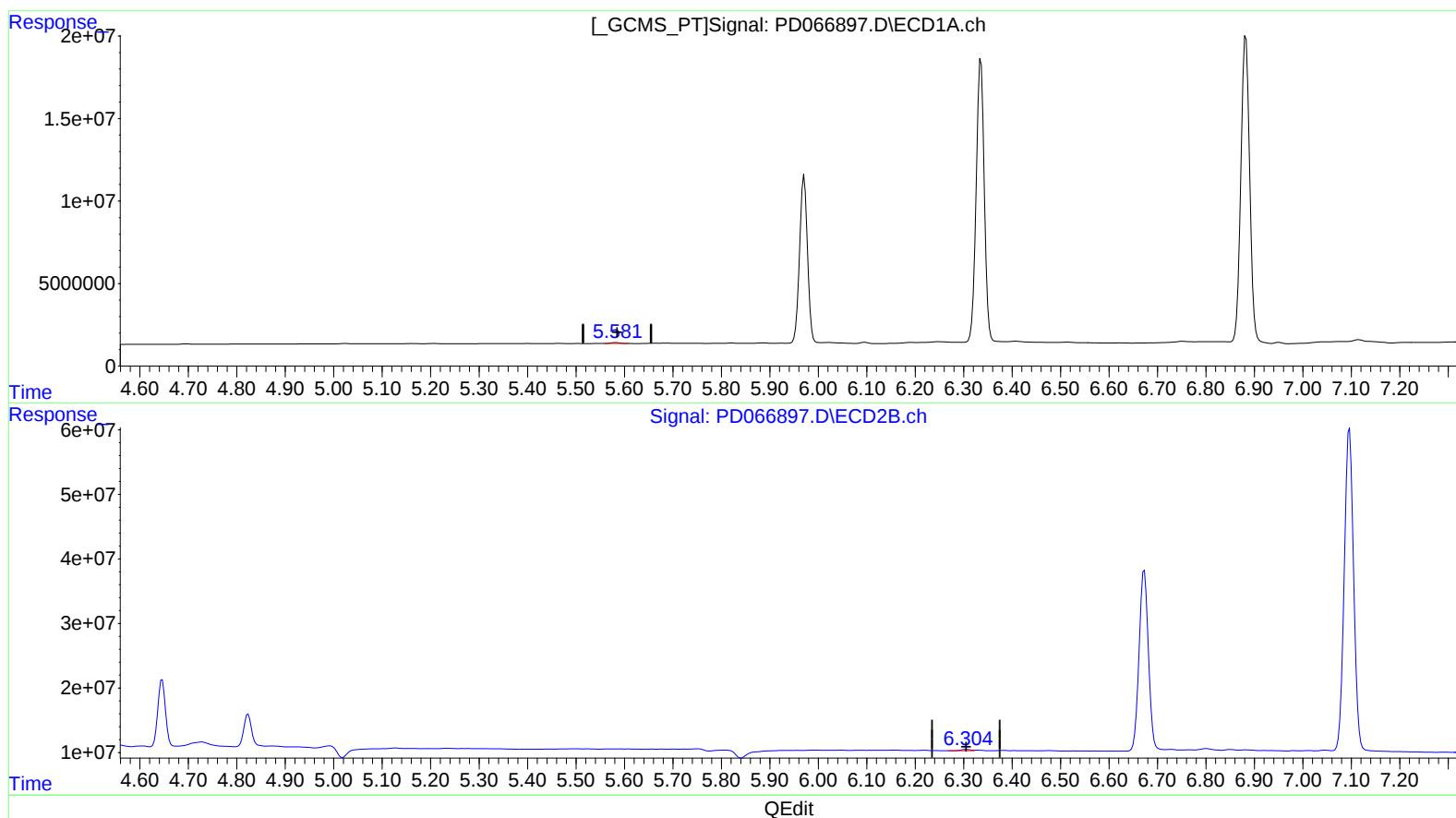
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 LabSampleId :
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

5.581min 0.283 ng/ml m

response 647226

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

6.306min 0.377 ng/ml

response 2867548

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Instrument :

ECD_D

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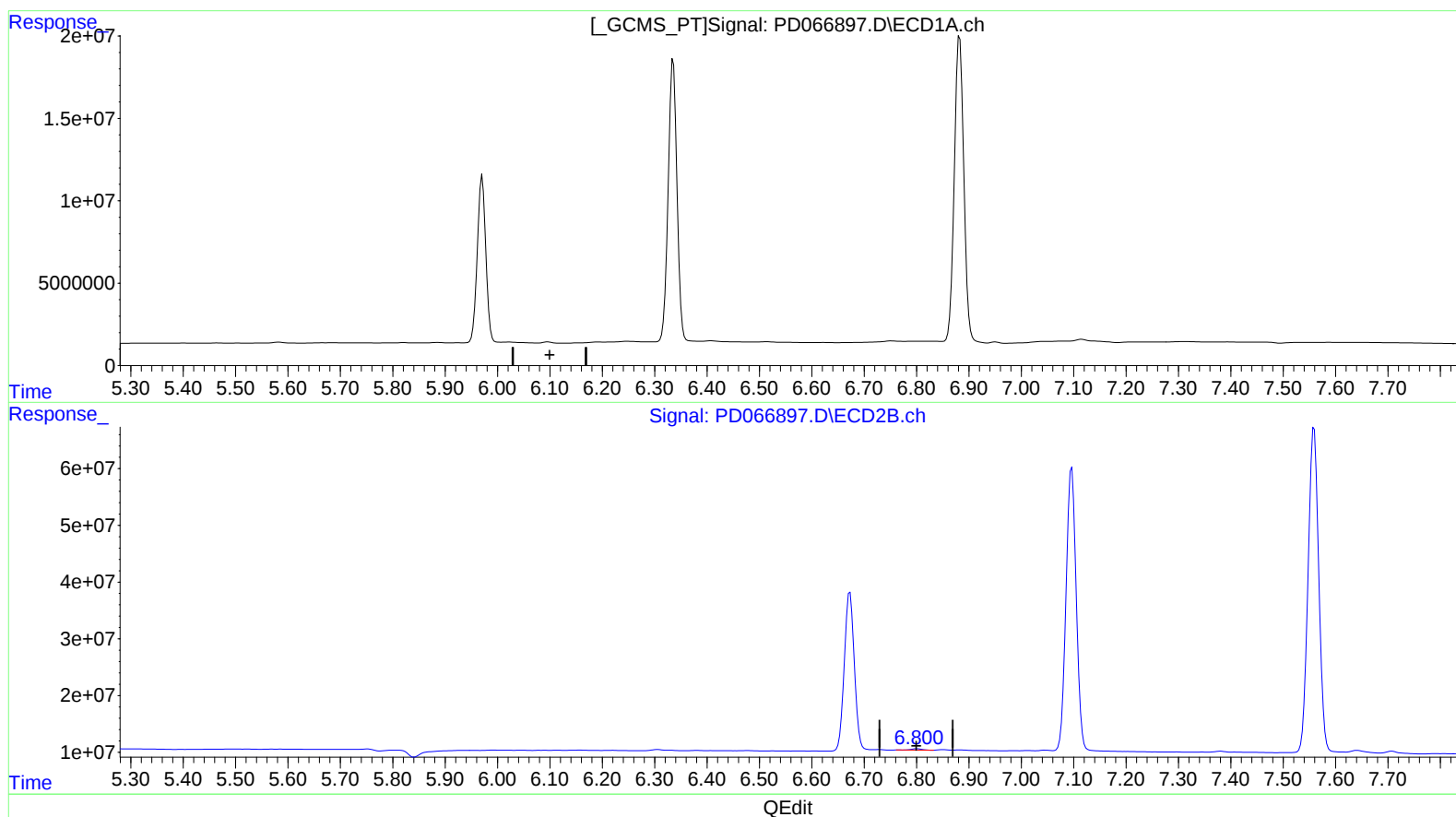
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

0.000min 0.000 ng/ml

response 0

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

6.801min 0.508 ng/ml

response 3282478

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Sample : PEM040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_D

Lab Sample ID :

PEM040

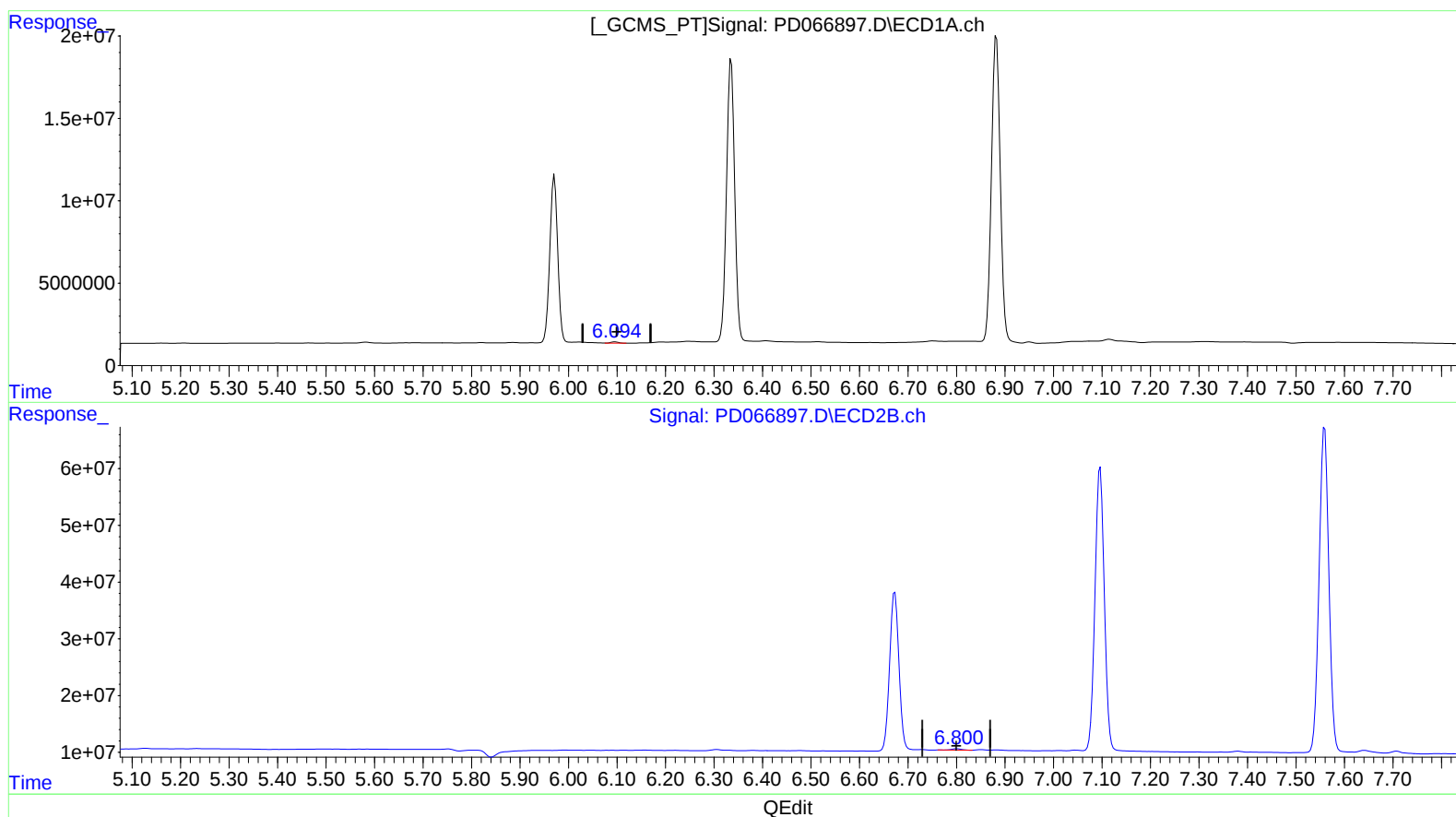
Manual Integrations APPROVED

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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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

6.094min 0.510 ng/ml m

response 922832

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

6.801min 0.508 ng/ml

response 3282478

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Sample : PEM040
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Instrument :

ECD_D

LabSampleId :

PEM040

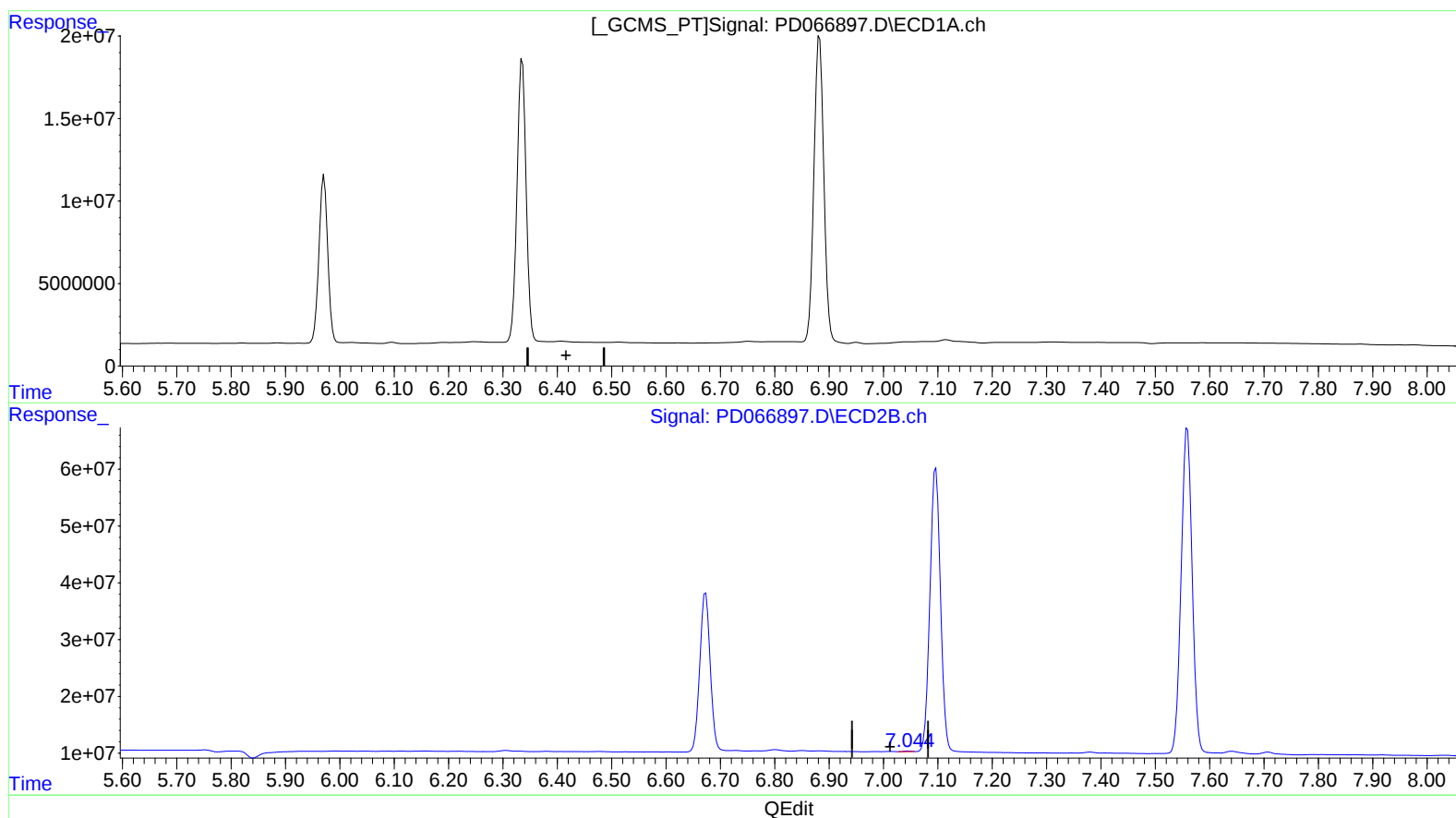
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

7.046min 0.187 ng/ml

response 994979

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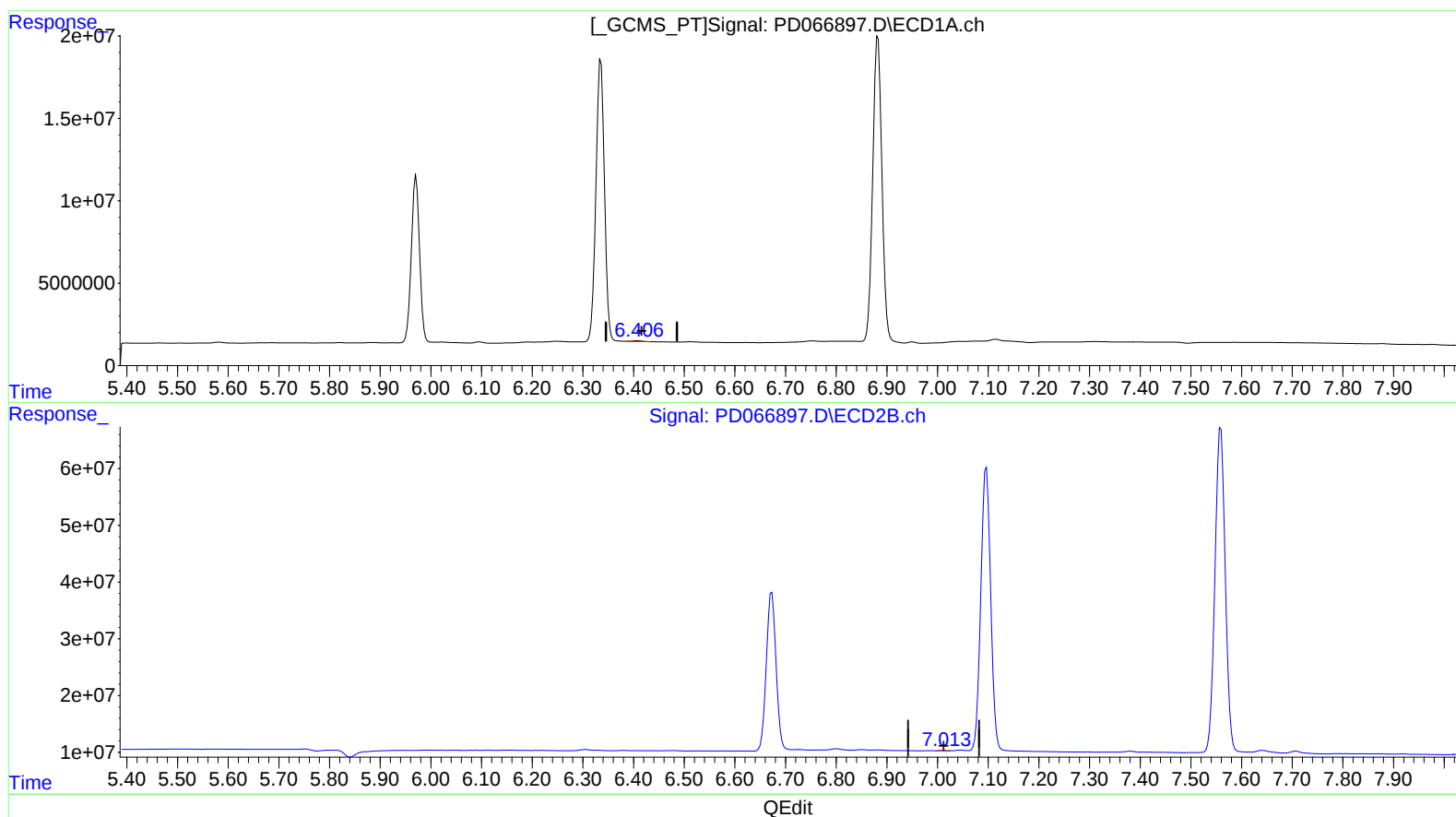
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(18) Endrin aldehyde (B)

6.406min 0.430 ng/ml m

response 625890

(18) Endrin aldehyde #2 (B)

7.013min 0.126 ng/ml m

response 672183

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Sample : PEM040
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_D

LabSampleId :

PEM040

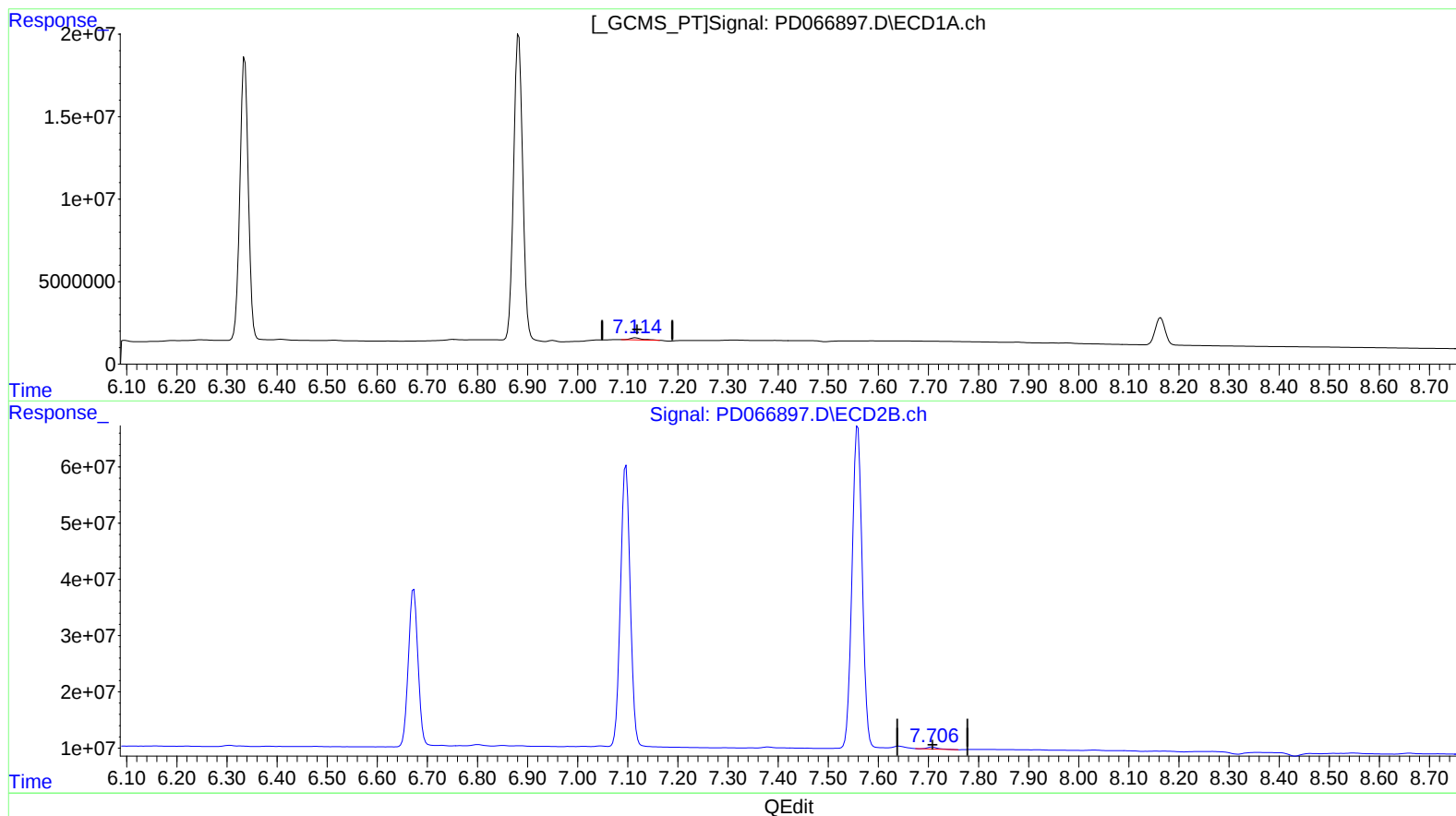
Manual IntegrationsAPPROVED

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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)

7.115min 1.008 ng/ml

response 2076219

(21) Endrin ketone #2 (B)

7.708min 0.610 ng/ml

response 4781845

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Instrument :

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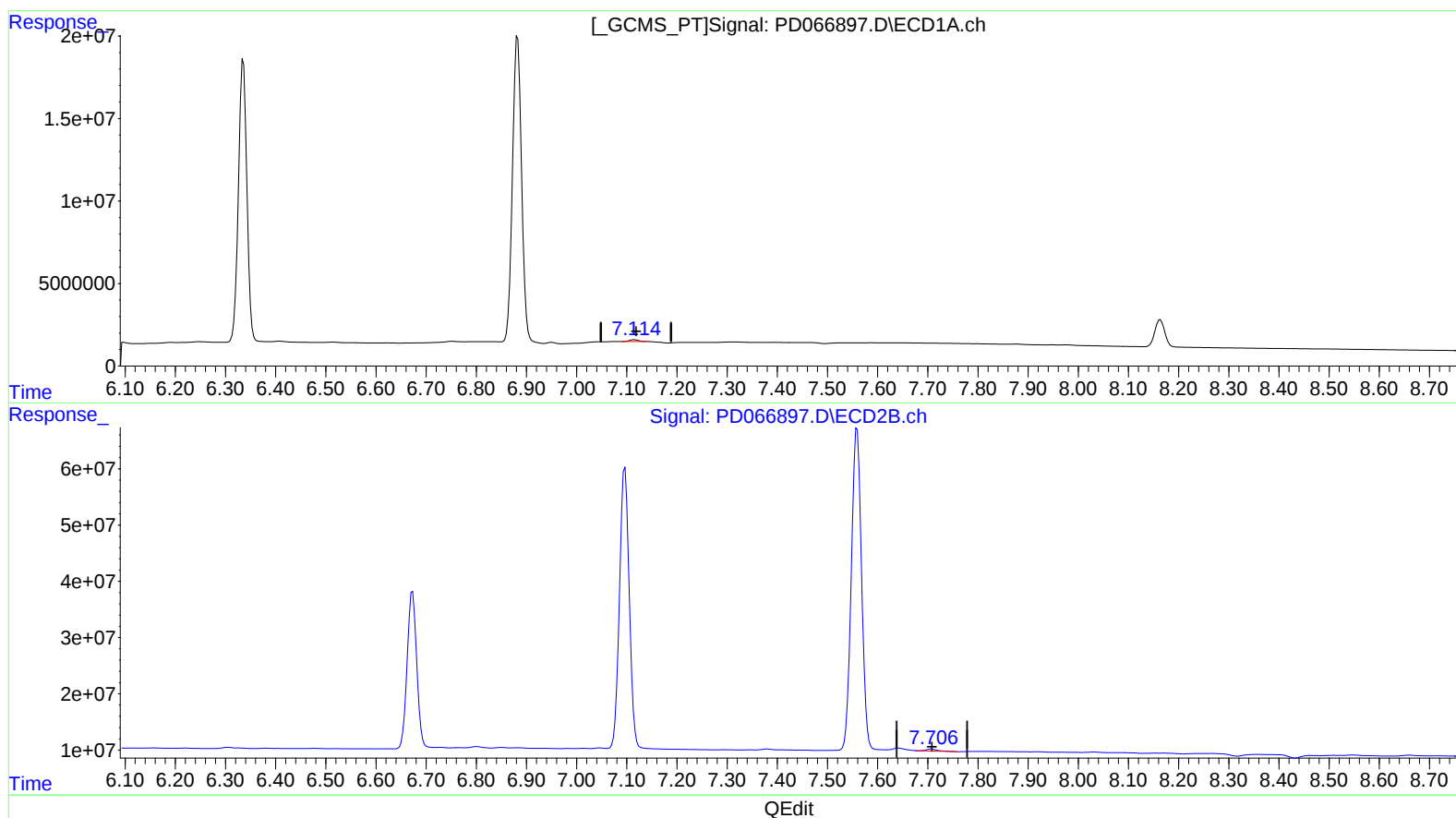
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

7.114min 0.662 ng/ml m

response 1364017

(21) Endrin ketone #2 (B)

7.708min 0.610 ng/ml

response 4781845

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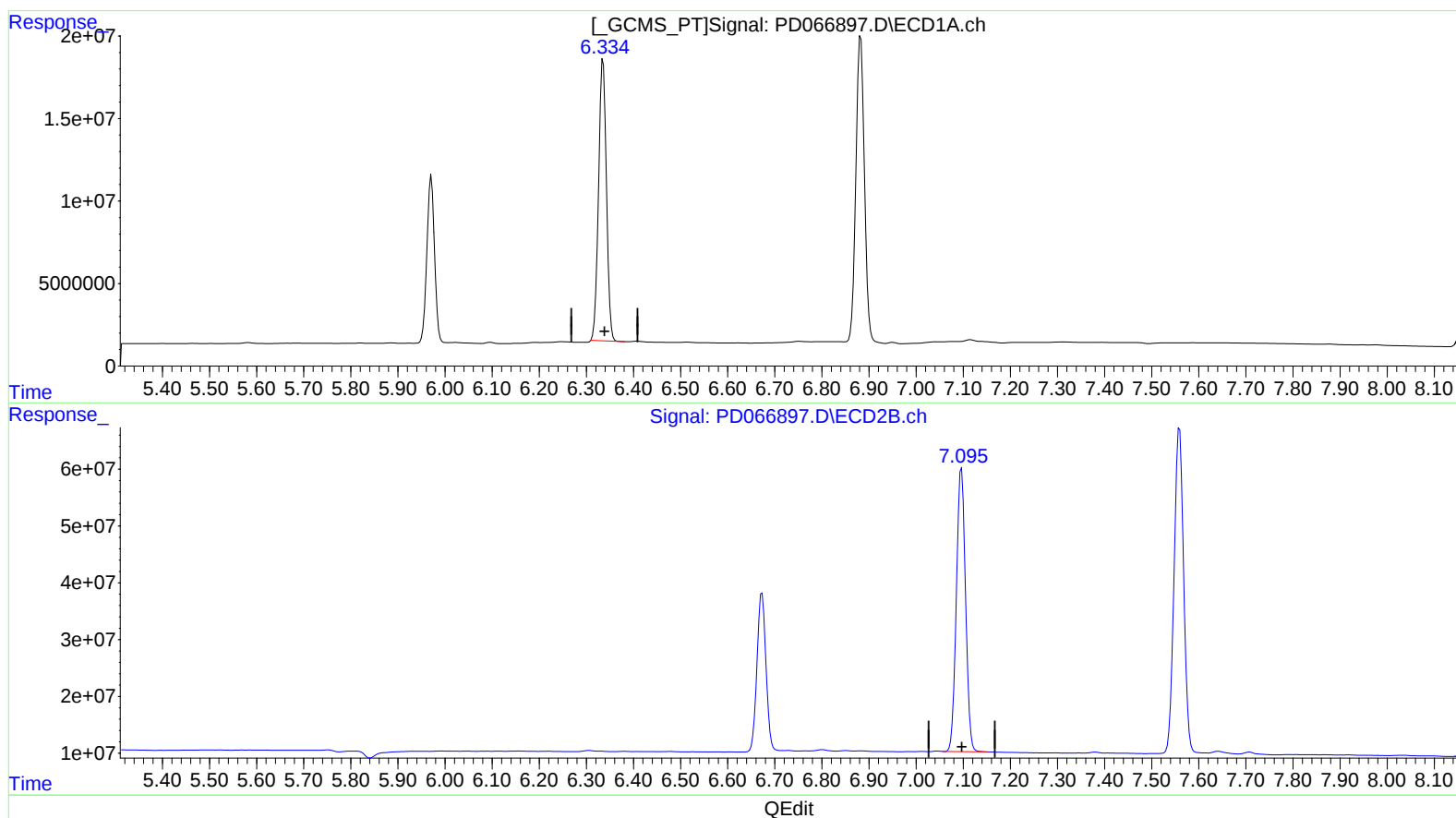
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(17) 4,4'-DDT (MA)

6.336min 104.464 ng/ml

response 197514791

(17) 4,4'-DDT #2 (MA)

7.096min 102.045 ng/ml

response 674124057

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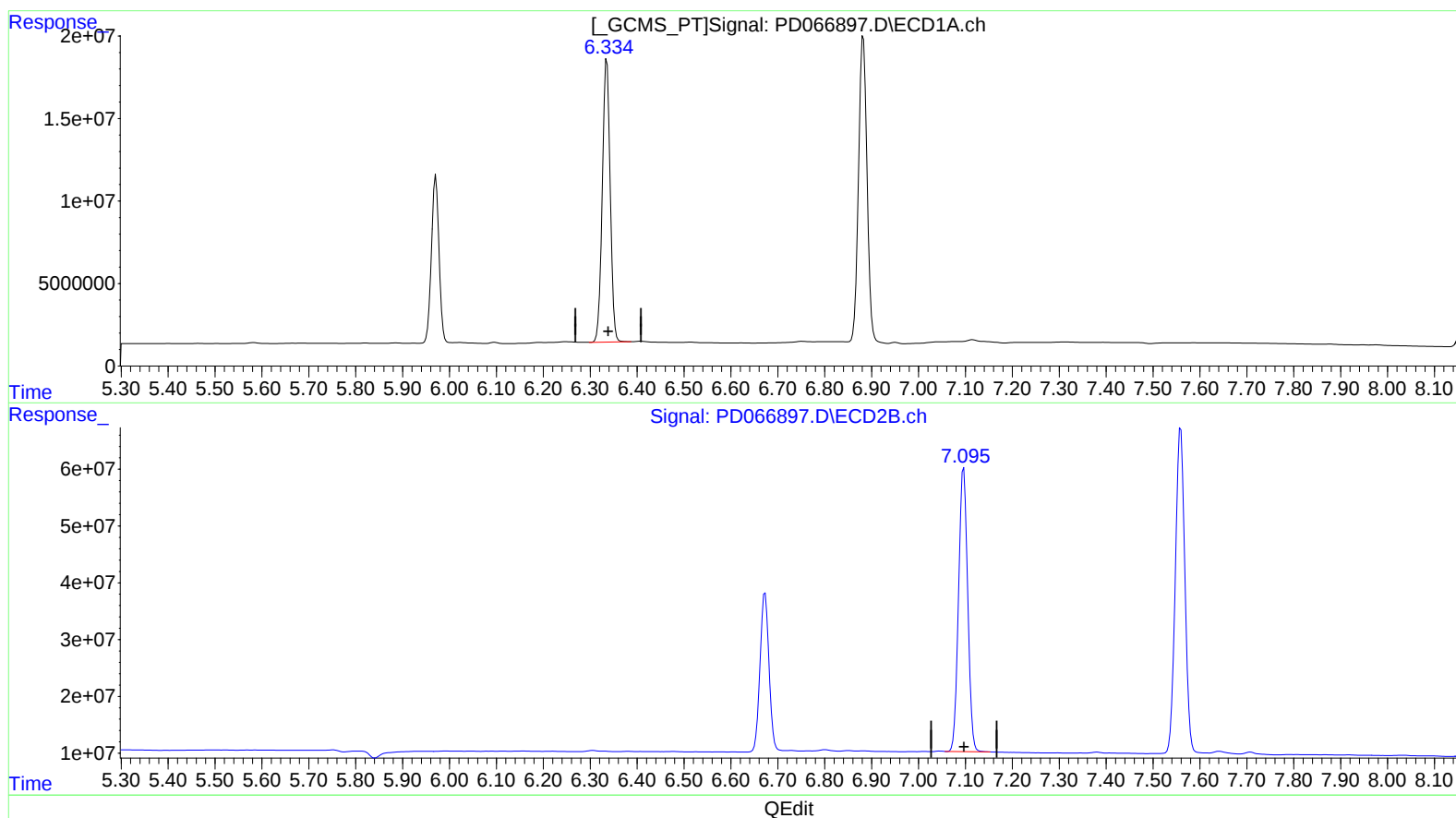
Instrument :
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LabSampleId :
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(17) 4,4'-DDT (MA)
6.334min 105.965 ng/ml m
response 200353406

(17) 4,4'-DDT #2 (MA)
7.096min 102.045 ng/ml
response 674124057

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.438	3.968	37632351	187.0E6	19.468	21.598
27) SA Decachlor...	8.164	9.026	22829284	117.3E6	19.484	22.492
Target Compounds						
2) A alpha-BHC	3.875	4.361	28836358	126.2E6	9.852	11.543
3) MA gamma-BHC...	4.156	4.646	27117678	111.9E6	9.795	11.078
6) B beta-BHC	4.404	4.823	13804778	55462988	10.991	11.256
12) B 4,4'-DDE	5.581	6.306	647226	2867548	0.283m	0.377 #
14) MA Endrin	5.971	6.673	113.3E6	372.5E6	53.568	54.882
16) A 4,4'-DDD	6.094	6.801	922832	3282478	0.510m	0.508
17) MA 4,4'-DDT	6.334	7.096	200.4E6	674.1E6	105.965m	102.045
18) B Endrin al...	6.406	7.013	625890	672183	0.430m	0.126m#
20) A Methoxychlor	6.882	7.559	234.2E6	807.6E6	249.886	249.901
21) B Endrin ke...	7.114	7.708	1364017	4781845	0.662m	0.610

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

AJ
 11/22/21