

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

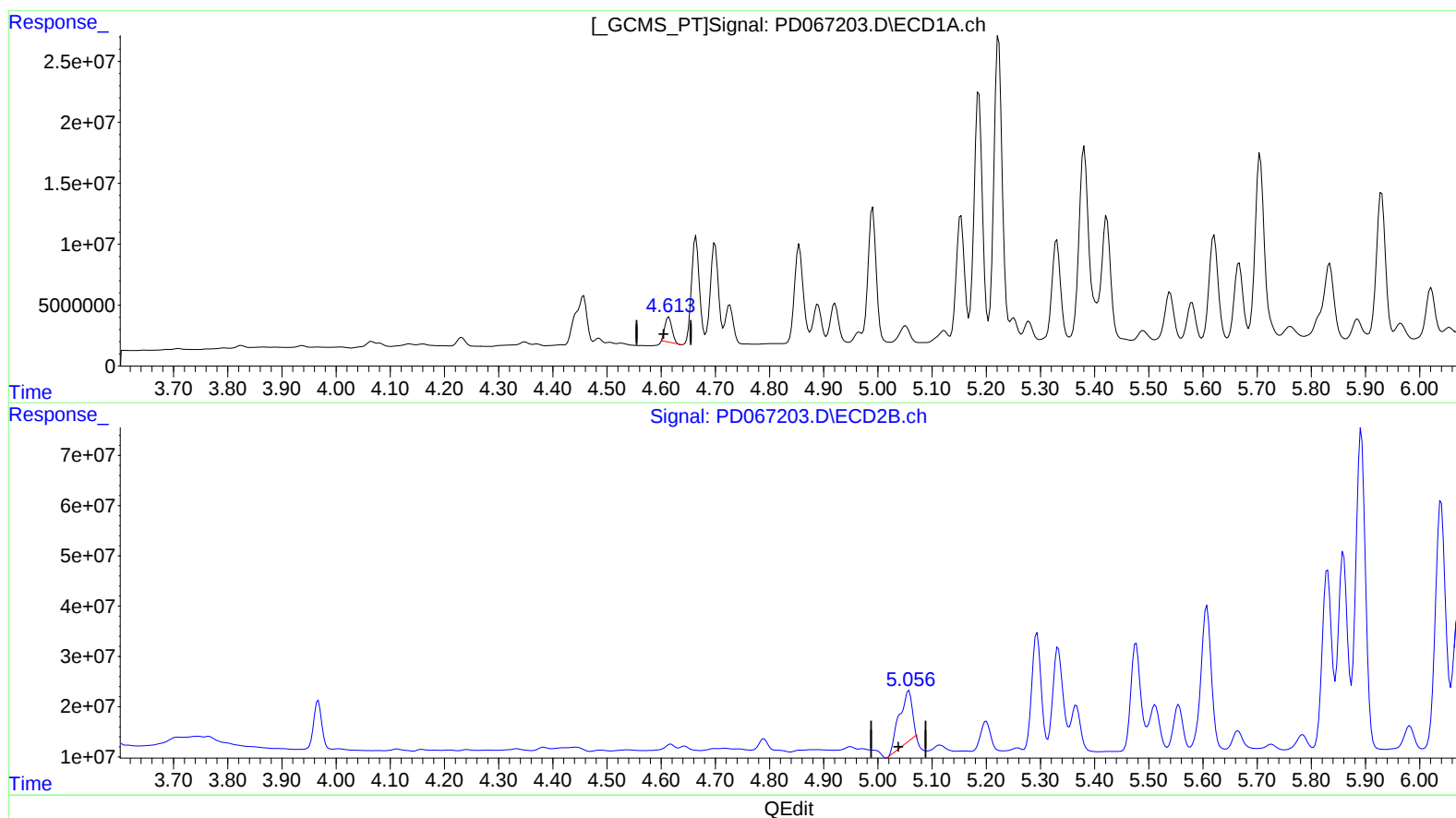
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 01:35:00 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 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



(7) delta-BHC (B)

4.614min 6.273 ng/ml

response 17944529

(7) delta-BHC #2 (B)

5.057min 18.927 ng/ml

response 167530403

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Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

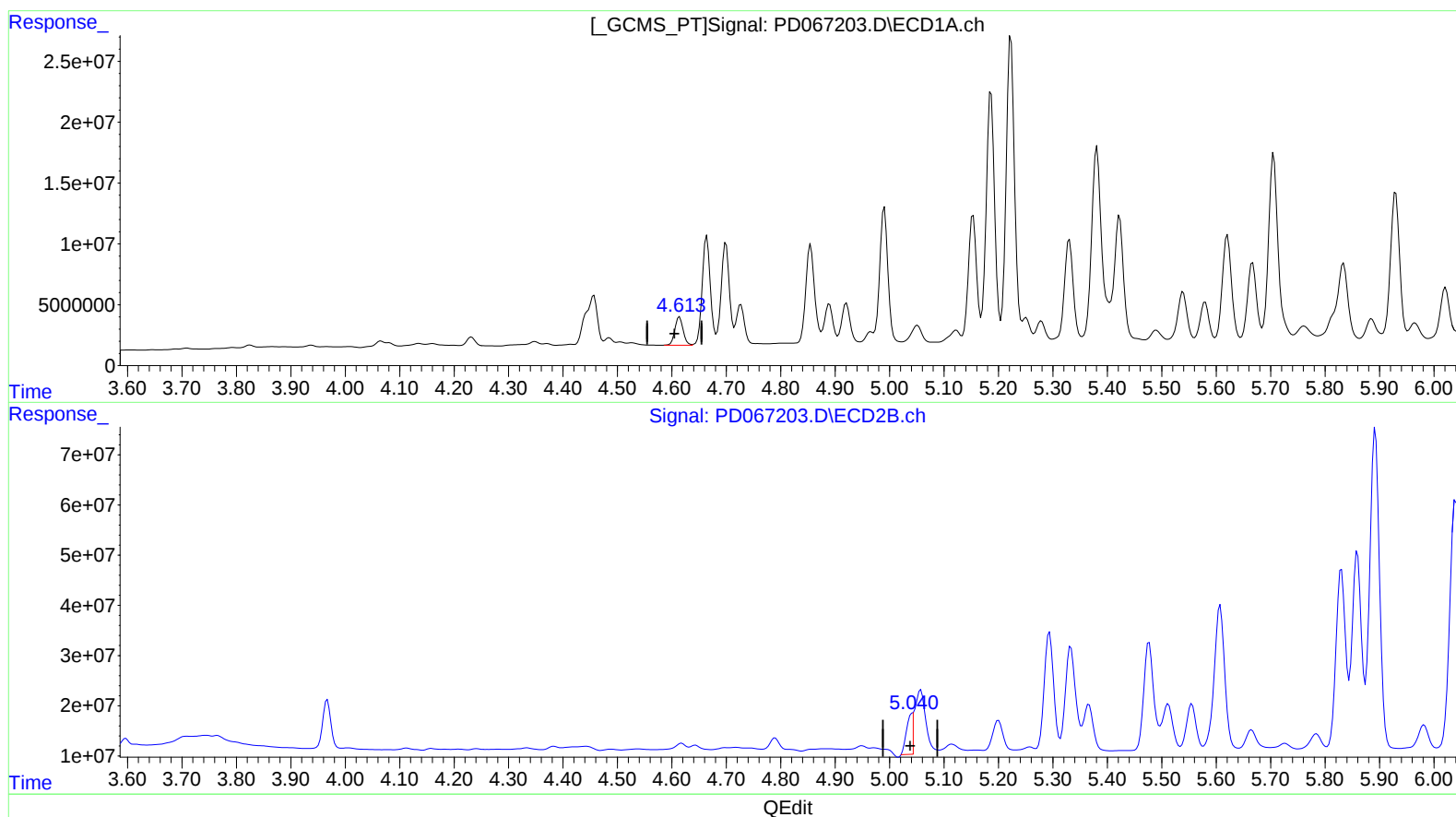
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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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



(7) delta-BHC (B)

4.613min 8.583 ng/ml m

response 24551958

(7) delta-BHC #2 (B)

5.040min 5.700 ng/ml m

response 50456256

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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 Operator : AR\AJ
 Sample : M4833-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

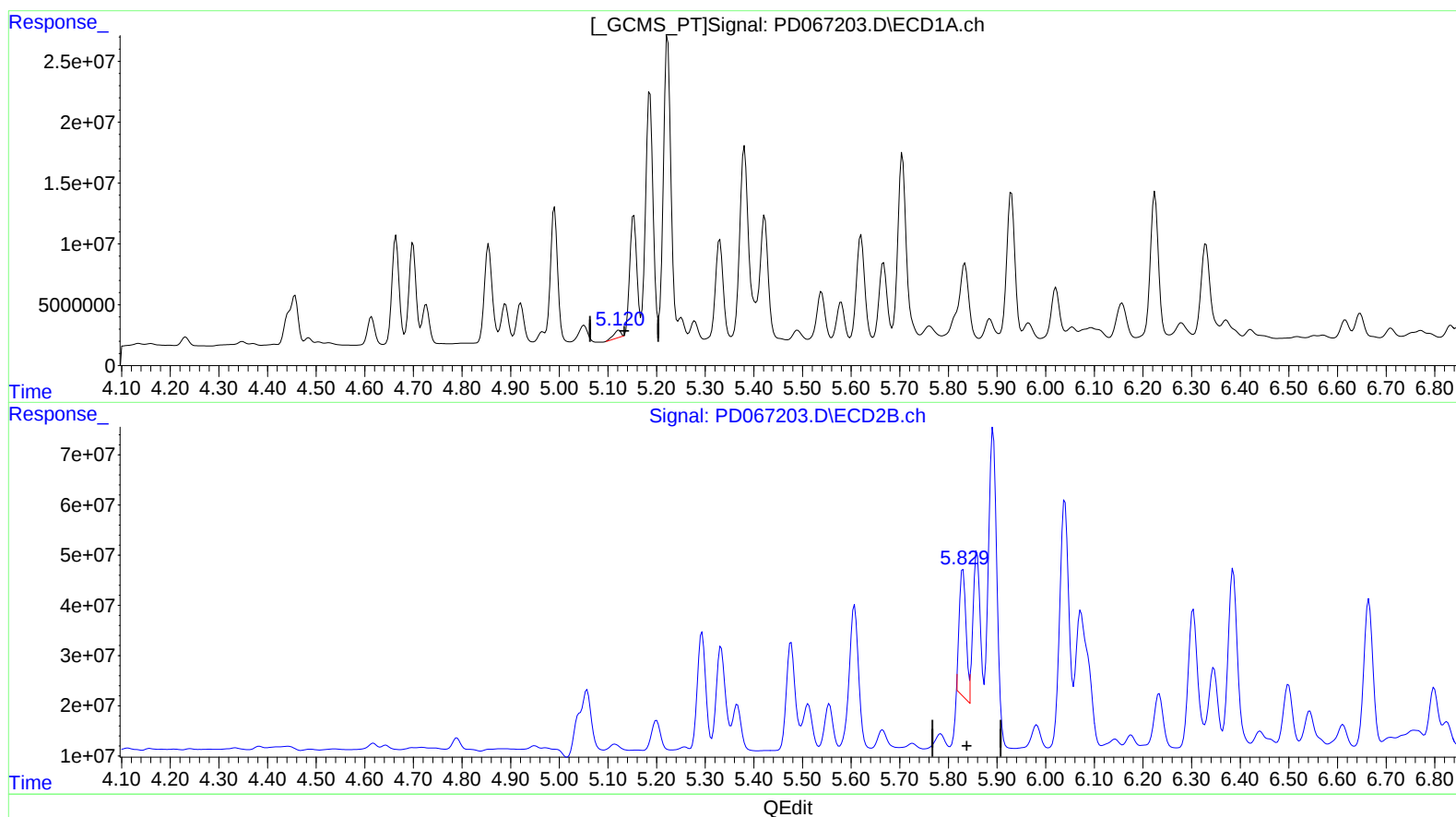
Instrument :
 ECD_D
 ClientSampleId :
 ESQN4

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 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



(8) Heptachlor epoxide (B)

5.123min 2.219 ng/ml

response 6127175

(8) Heptachlor epoxide #2 (B)

5.830min 34.841 ng/ml

response 244198553

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

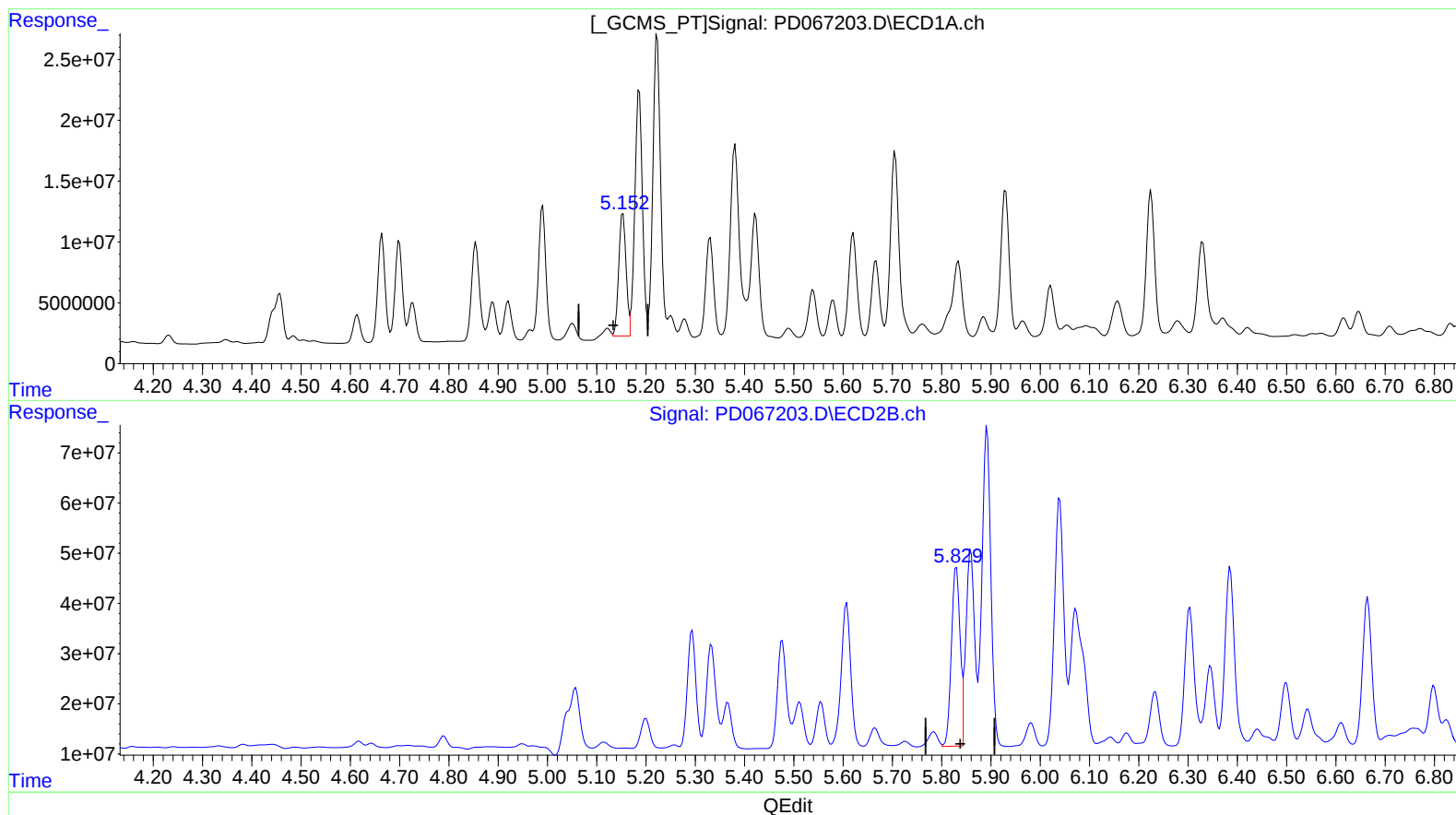
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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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



(8) Heptachlor epoxide (B)

5.152min 38.733 ng/ml m

response 106967153

(8) Heptachlor epoxide #2 (B)

5.829min 66.964 ng/ml m

response 469339630

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

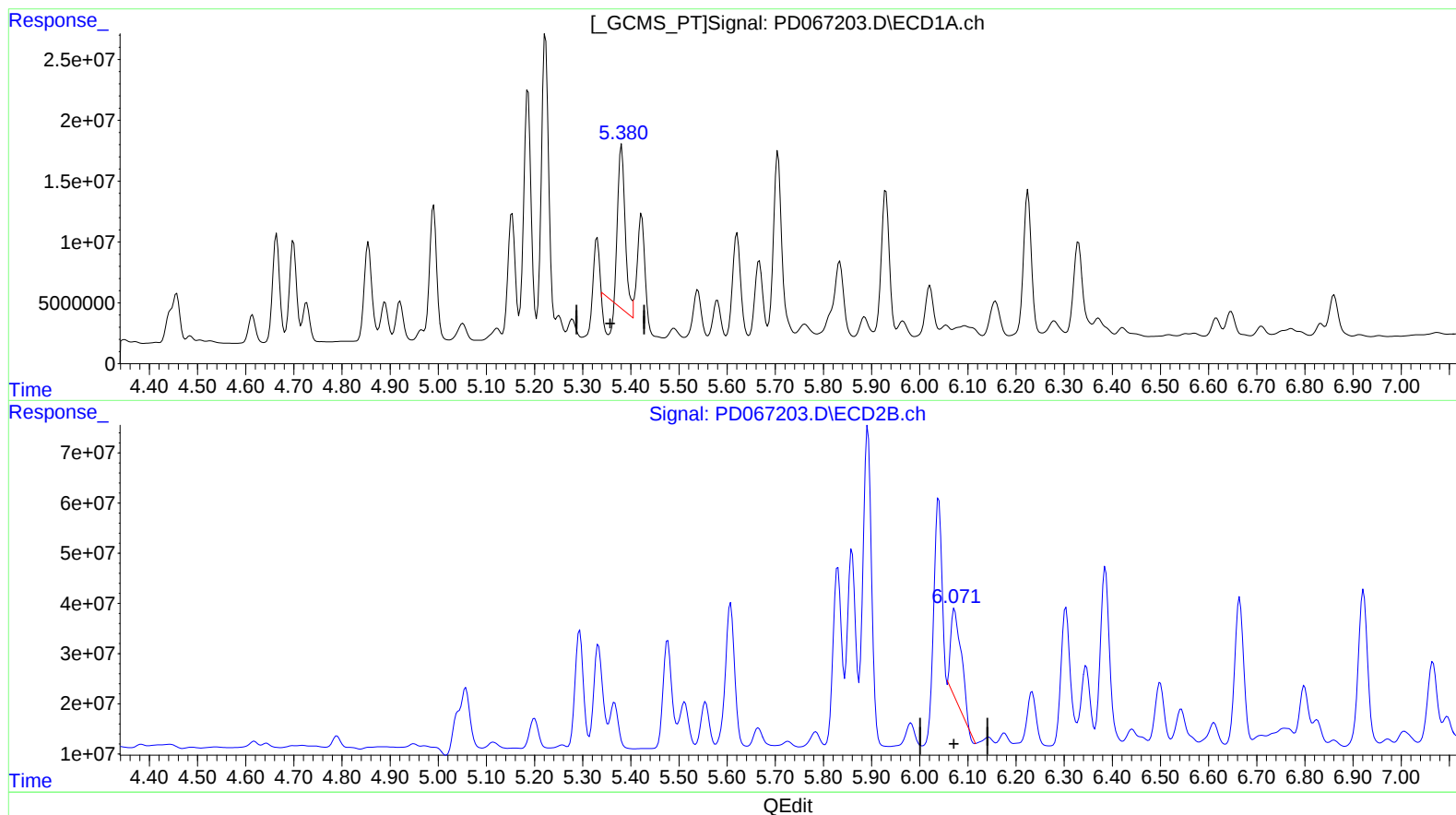
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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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



(10) trans-Chlordane (B)

5.381min 43.804 ng/ml

response 123420374

(10) trans-Chlordane #2 (B)

6.072min 36.045 ng/ml

response 273577837

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

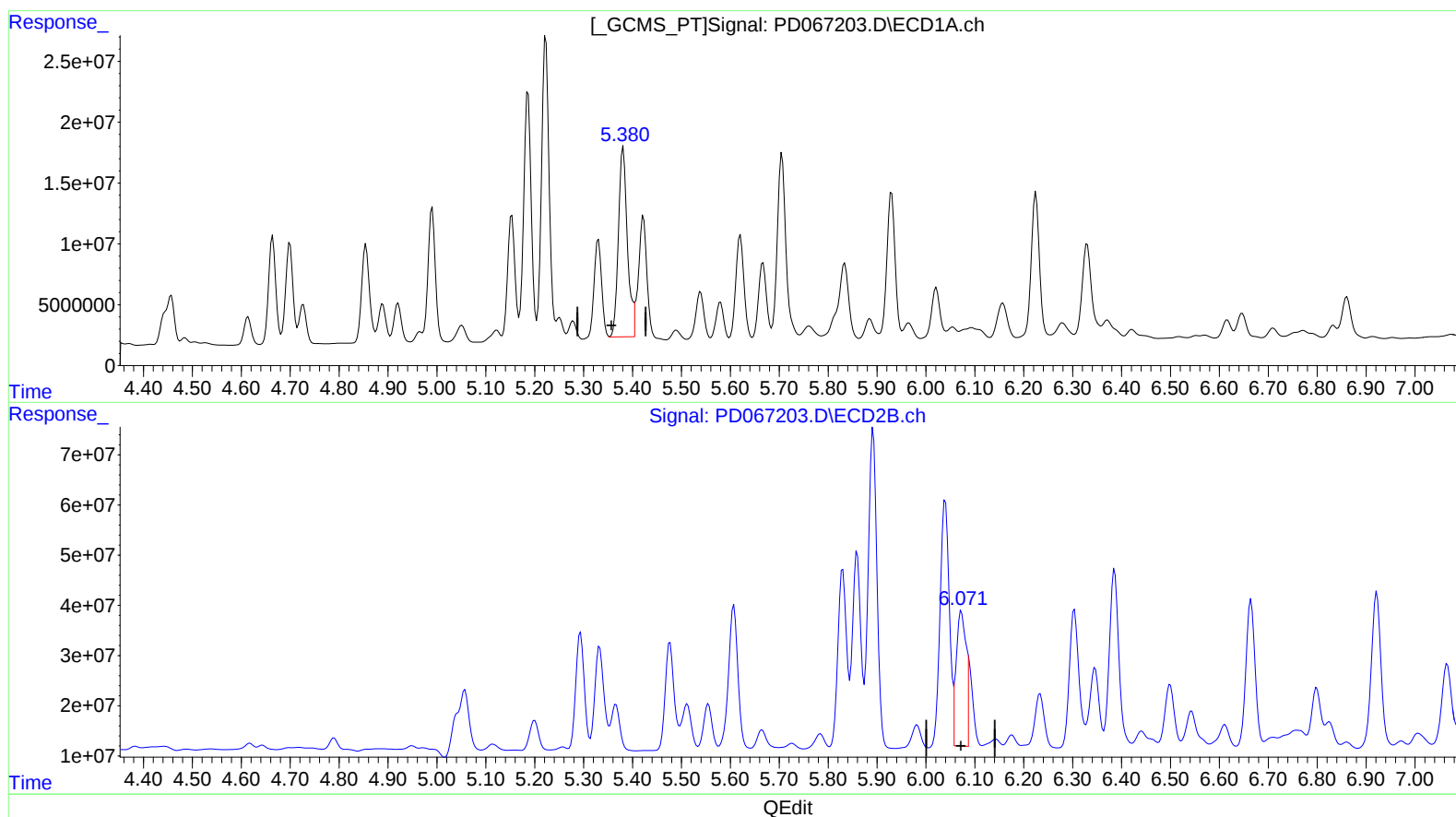
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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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



(10) trans-Chlordane (B)
5.380min 72.161 ng/ml m
response 203316675

(10) trans-Chlordane #2 (B)
6.071min 44.980 ng/ml m
response 341394942

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

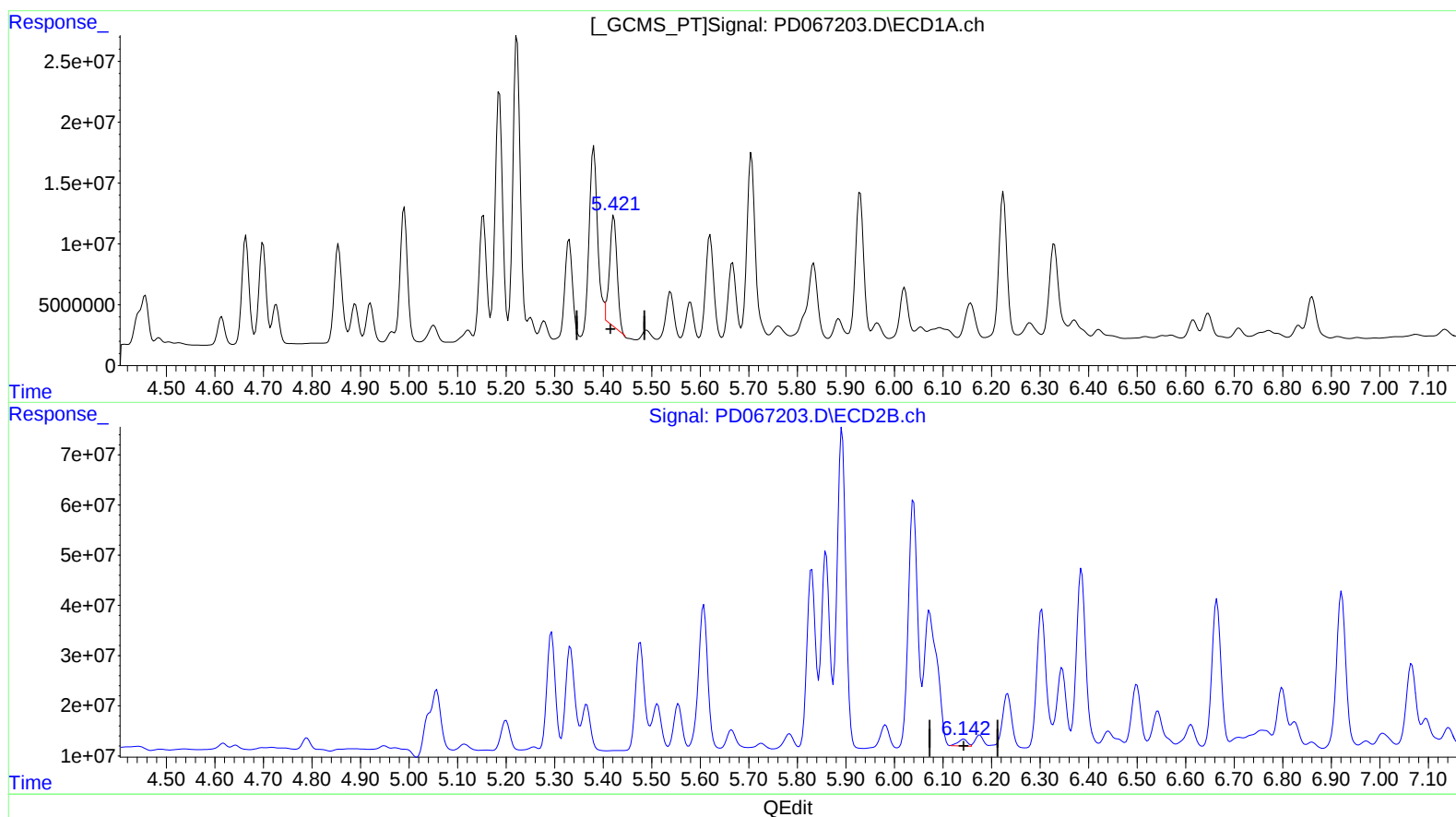
Instrument :
ECD_D
ClientSampleId :
ESQN4

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



(11) cis-Chlordane (B)

5.422min 34.775 ng/ml

response 96497362

(11) cis-Chlordane #2 (B)

6.143min 2.443 ng/ml

response 18072652

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

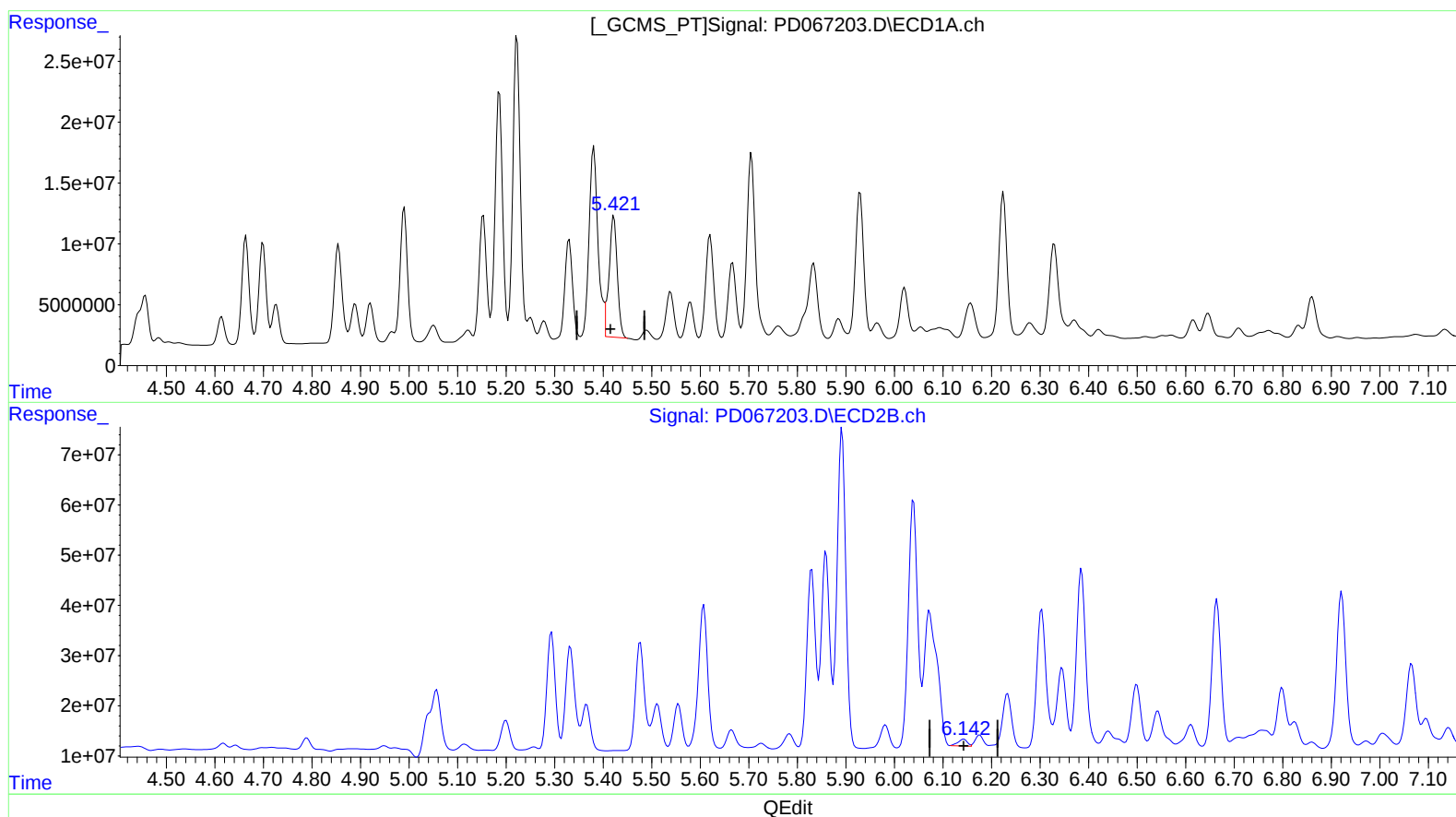
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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



(11) cis-Chlordane (B)
5.421min 41.734 ng/ml m
response 115807185

(11) cis-Chlordane #2 (B)
6.143min 2.443 ng/ml
response 18072652

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

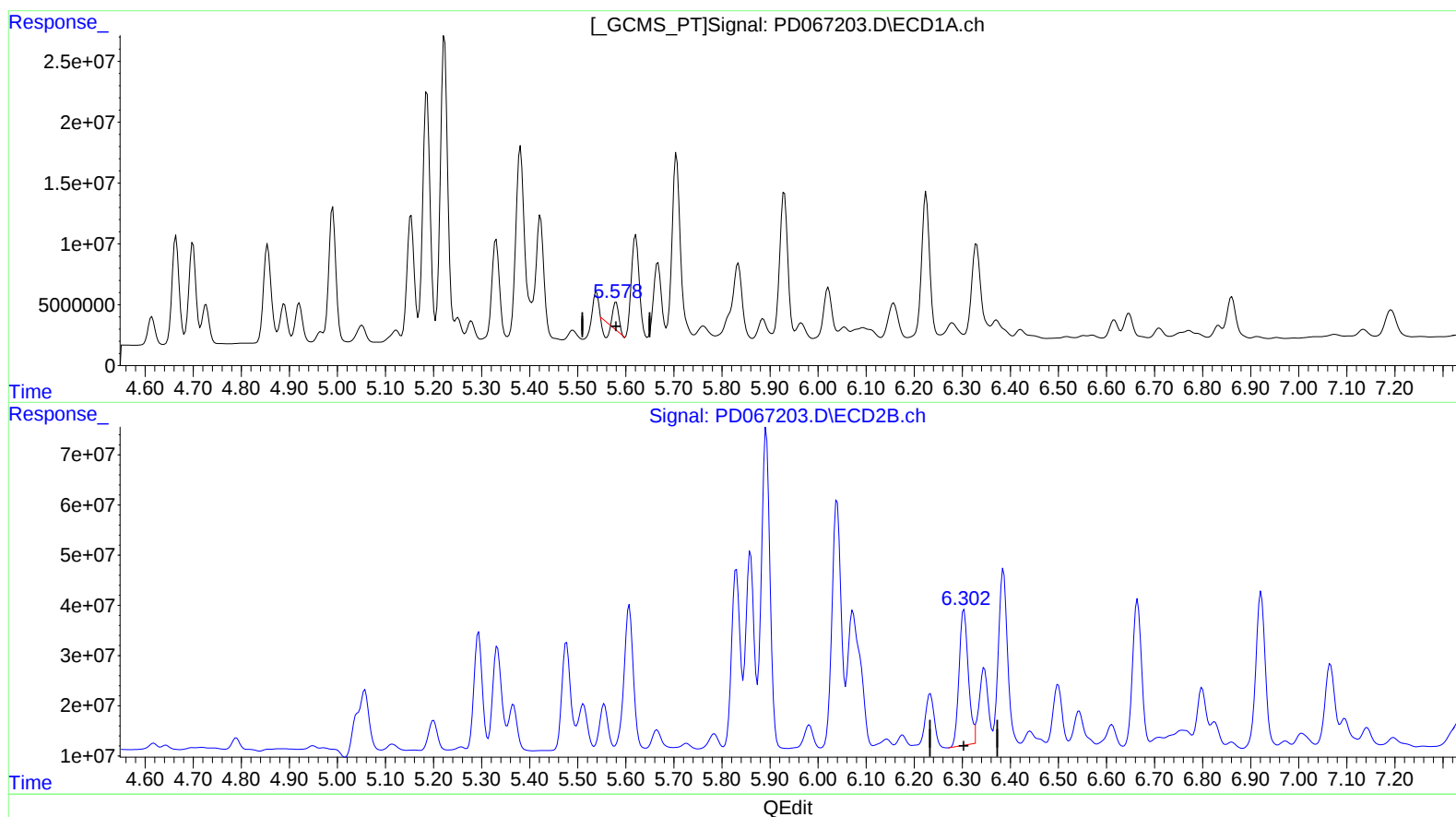
Instrument :
ECD_D
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(12) 4,4'-DDE (B)
5.580min 5.661 ng/ml
response 14166759

(12) 4,4'-DDE #2 (B)
6.304min 53.510 ng/ml
response 358565156

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 12:53
Operator : AR\AJ
Sample : M4833-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

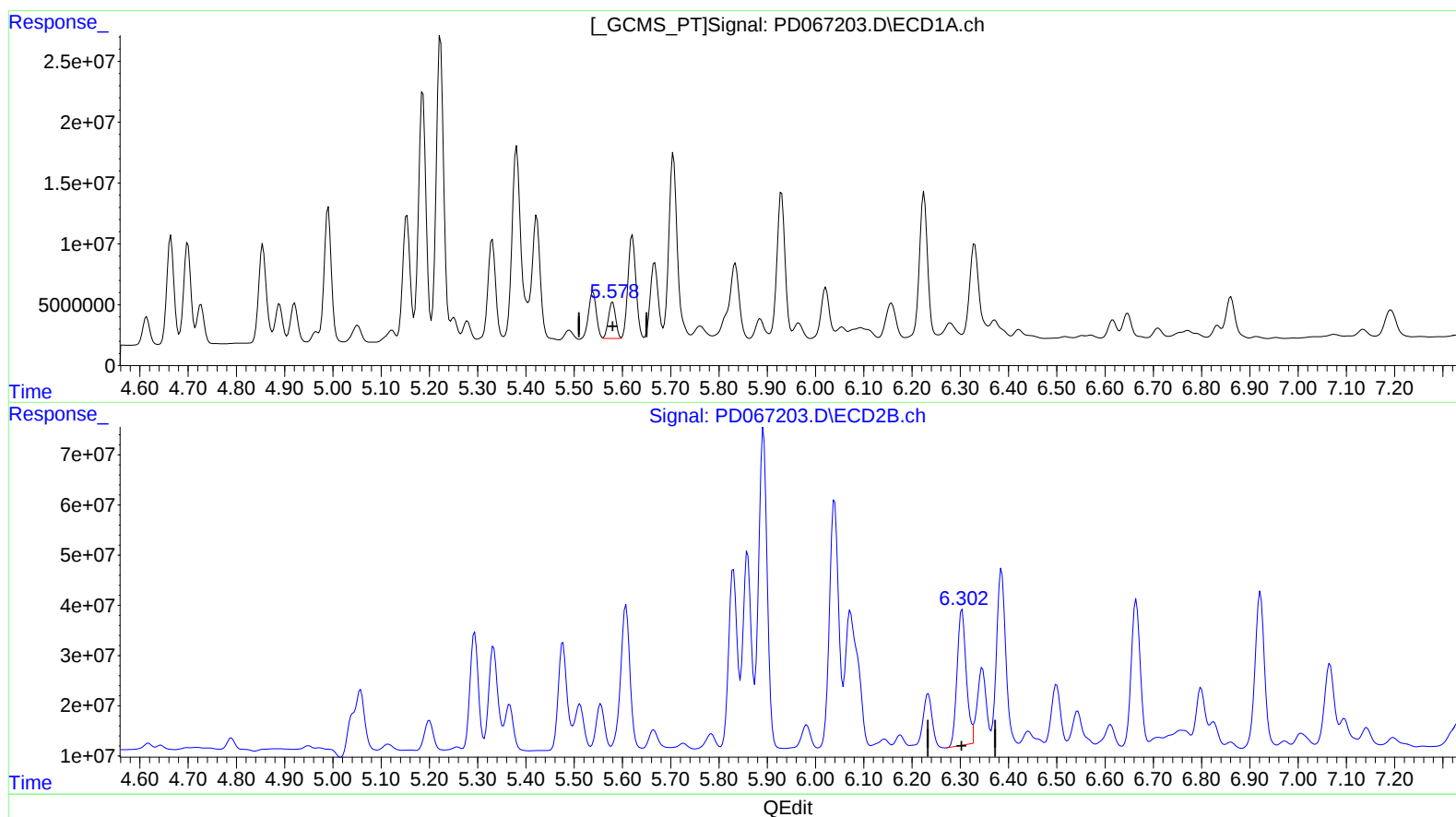
Instrument :
ECD_D
ClientSampleId :
ESQN4

Manual IntegrationsAPPROVED

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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)
5.578min 12.670 ng/ml m
response 31707587

(12) 4,4'-DDE #2 (B)
6.304min 53.510 ng/ml
response 358565156

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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 Operator : AR\AJ
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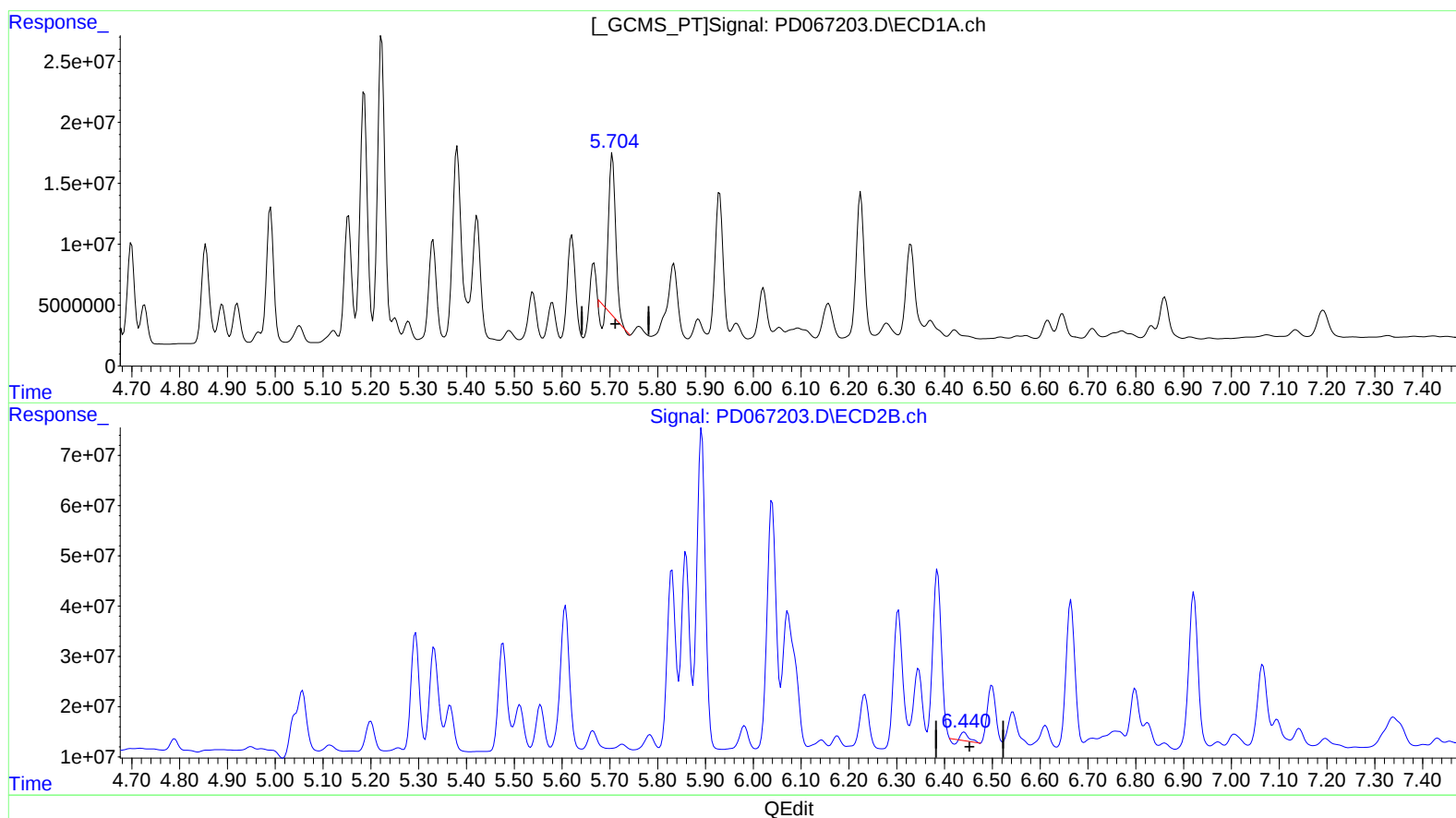
Instrument :
 ECD_D
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 ESQN4

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 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



(13) Dieldrin (MA)
 5.706min 43.362 ng/ml
 response 124865740

(13) Dieldrin #2 (MA)
 6.441min 2.073 ng/ml
 response 15423326

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

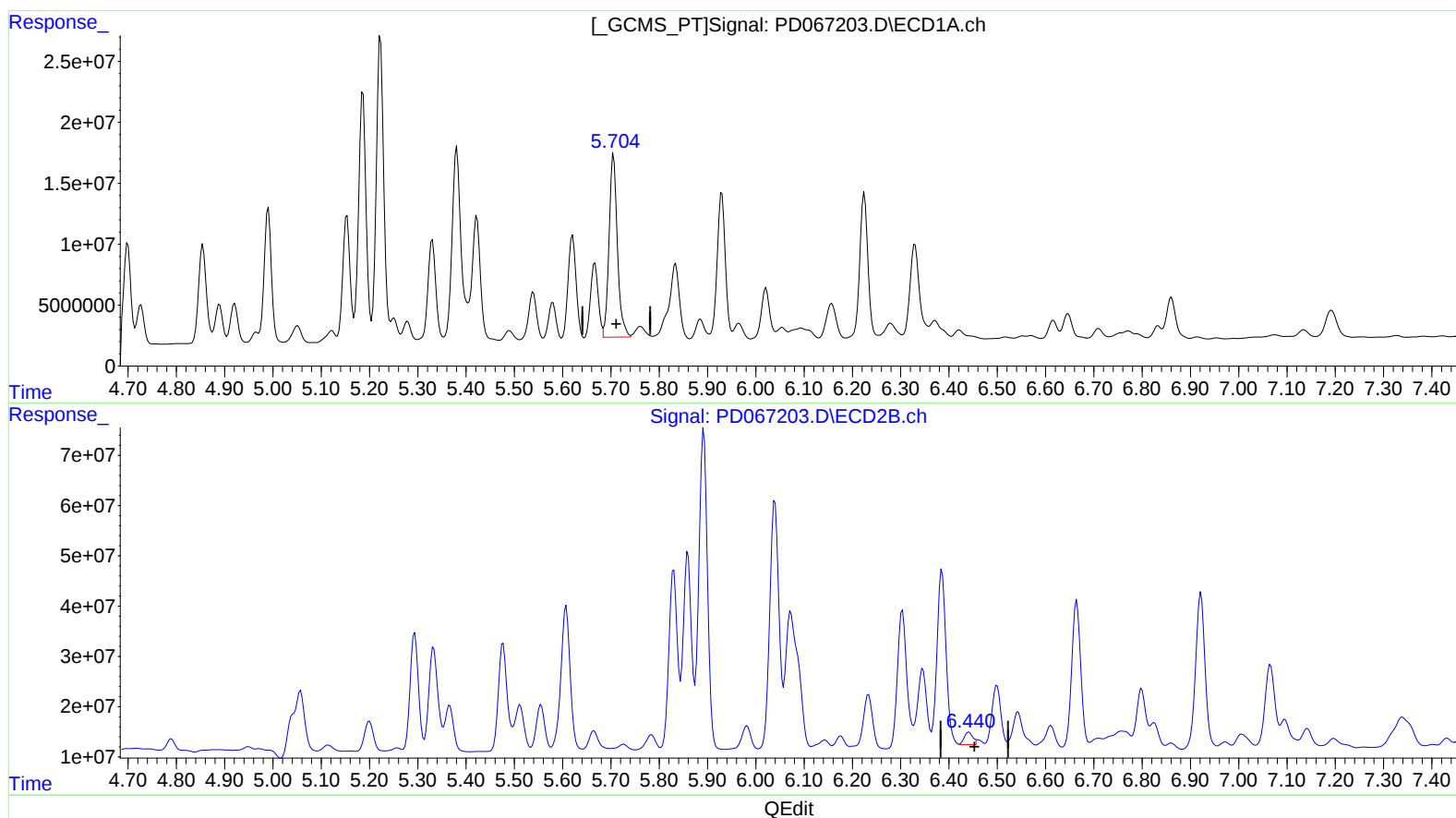
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(13) Dieldrin (MA)
5.704min 62.572 ng/ml m
response 180183861

(13) Dieldrin #2 (MA)
6.440min 4.068 ng/ml m
response 30271278

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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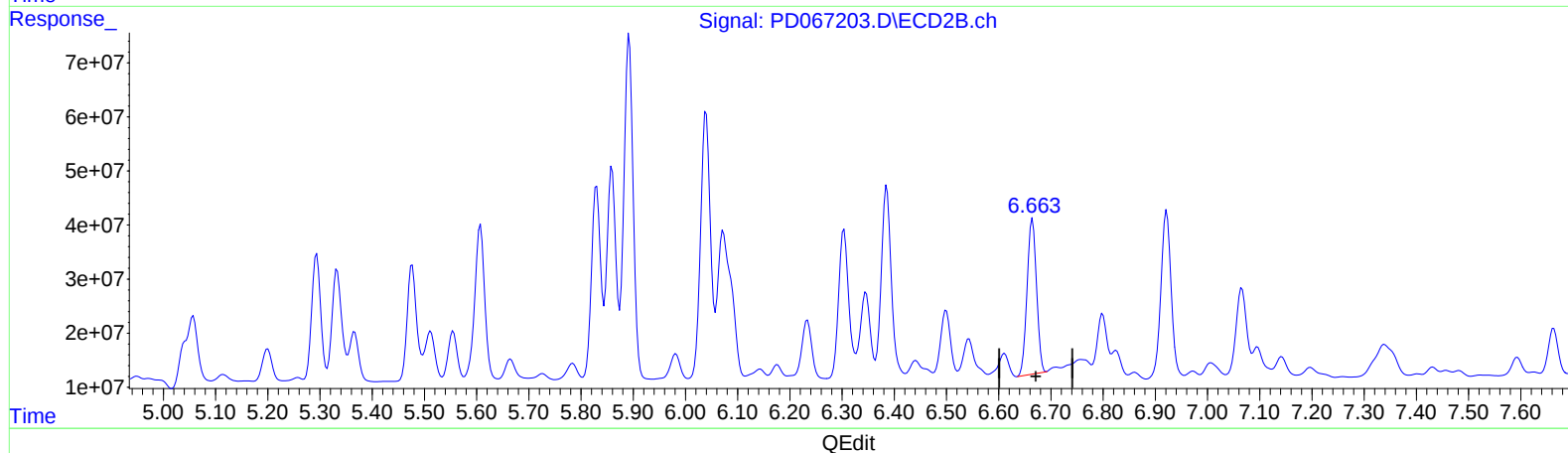
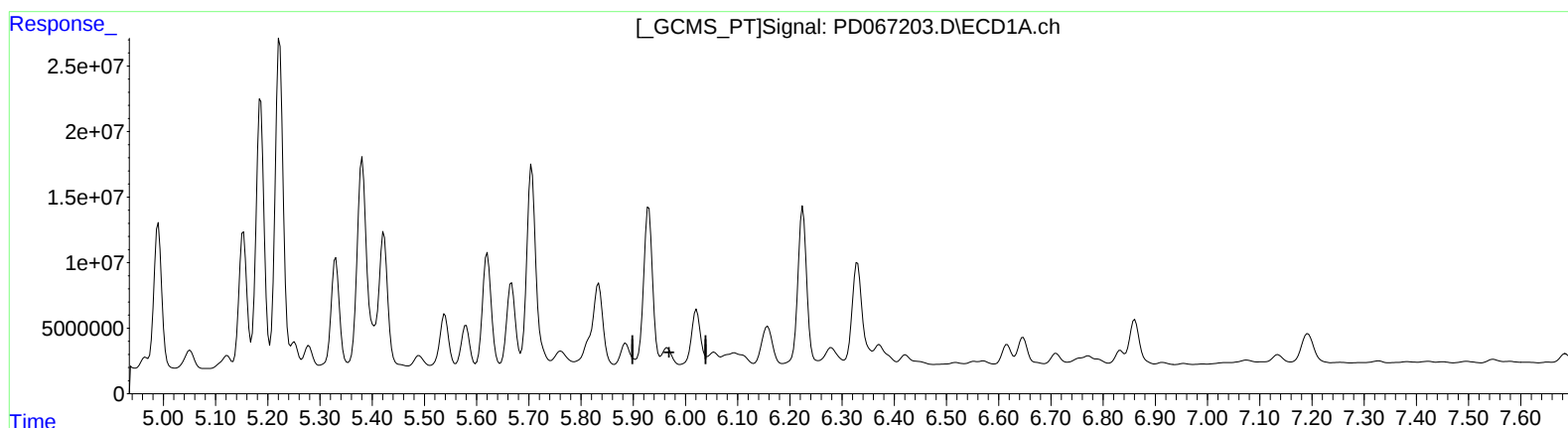
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)

5.965min -35.792 ng/ml

response -81852702

(14) Endrin #2 (MA)

6.665min 62.761 ng/ml

response 364114600

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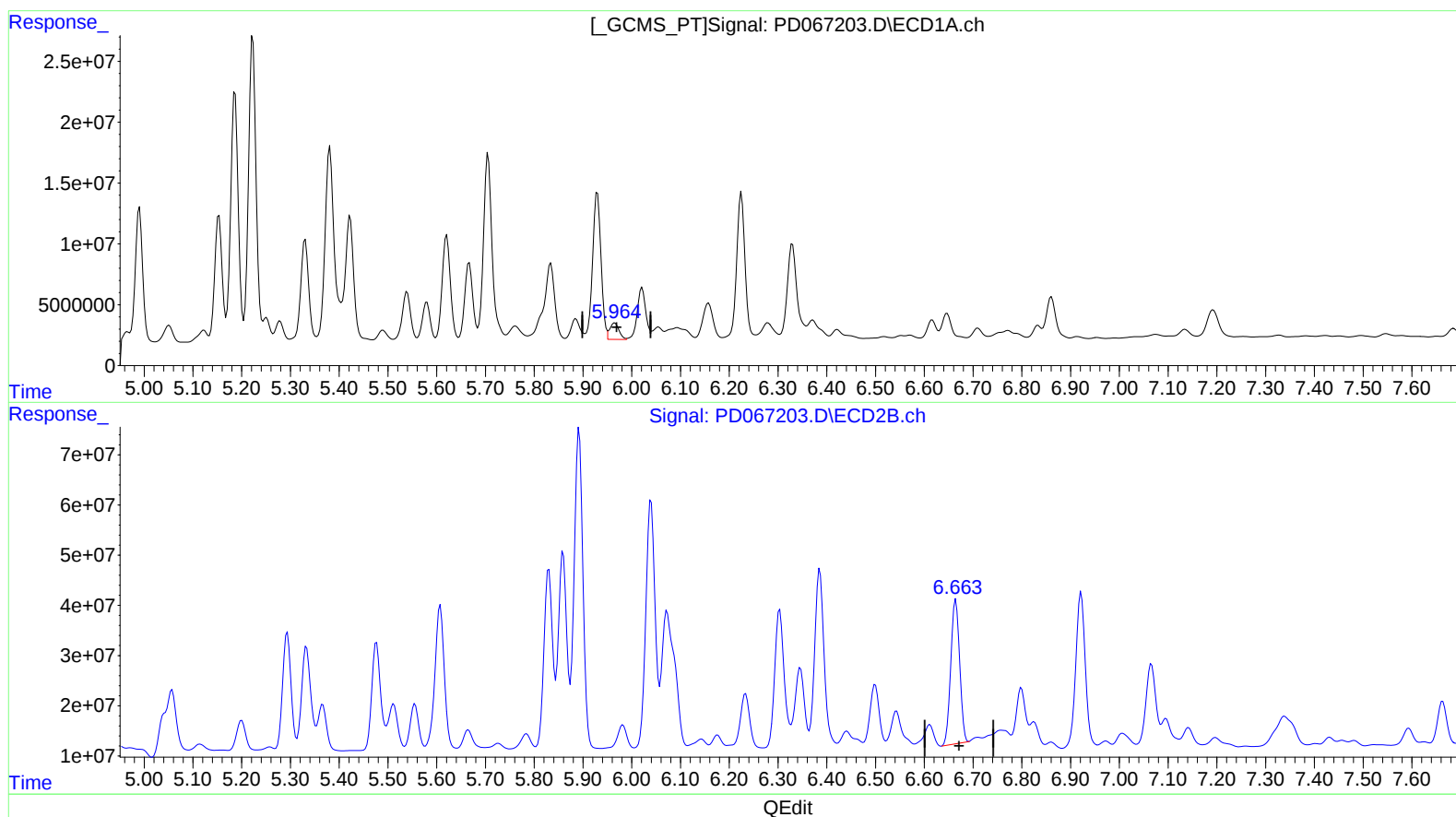
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(14) Endrin (MA)

5.964min 7.714 ng/ml m

response 17641630

(14) Endrin #2 (MA)

6.665min 62.761 ng/ml

response 364114600

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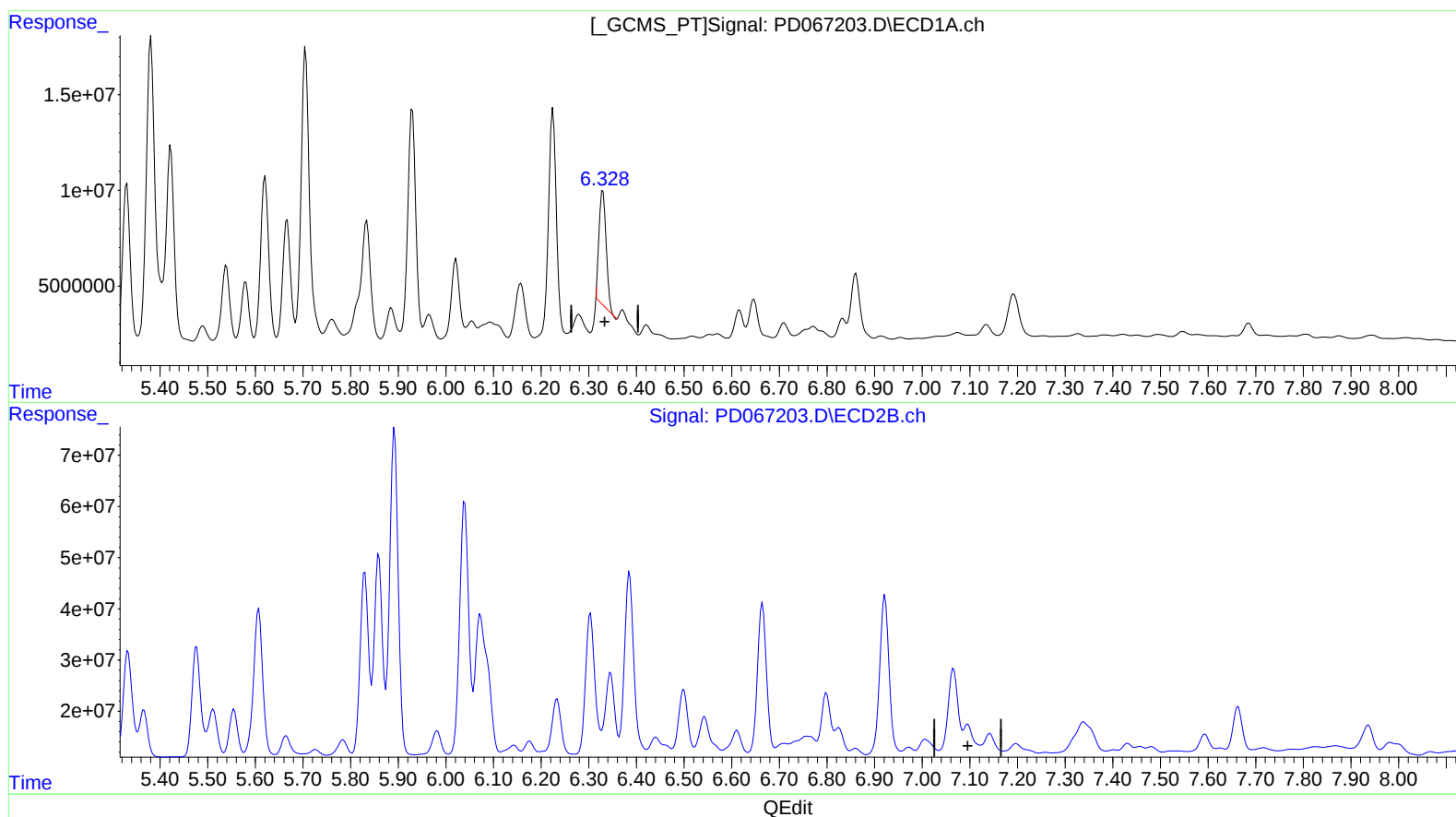
Instrument :
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Manual IntegrationsAPPROVED

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

6.330min 29.258 ng/ml

response 62195739

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

7.096min -8.403 ng/ml

response -48418840

Quantitation Report (QT Reviewed)

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 Client Sampled :
 ESQN4

Manual Integrations APPROVED

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Reviewed By : Abdul Mirza 12/03/2021
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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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.437	3.967	28044793	99507038	12.844	12.420
27) SA Decachlor...	8.163	9.024	16982583	82988275	14.958	16.366
Target Compounds						
7) B delta-BHC	4.613	5.040	24551958	50456256	8.583m	5.700m#
8) B Heptachlo...	5.152	5.829	107.0E6	469.3E6	38.733m	66.964m#
10) B trans-Chl...	5.380	6.071	203.3E6	341.4E6	72.161m	44.980m#
11) B cis-Chlor...	5.421	6.143	115.8E6	18072652	41.734m	2.443 #
12) B 4,4'-DDE	5.578	6.304	31707587	358.6E6	12.670m	53.510 #
13) MA Dieldrin	5.704	6.440	180.2E6	30271278	62.572m	4.068m#
14) MA Endrin	5.964	6.665	17641630	364.1E6	7.714m	62.761 #
17) MA 4,4'-DDT	6.328	7.094	101.9E6	58353766	47.942m	10.127m#

AD
 12/12/21

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