

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:17
Operator : AR\AJ
Sample : M4833-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

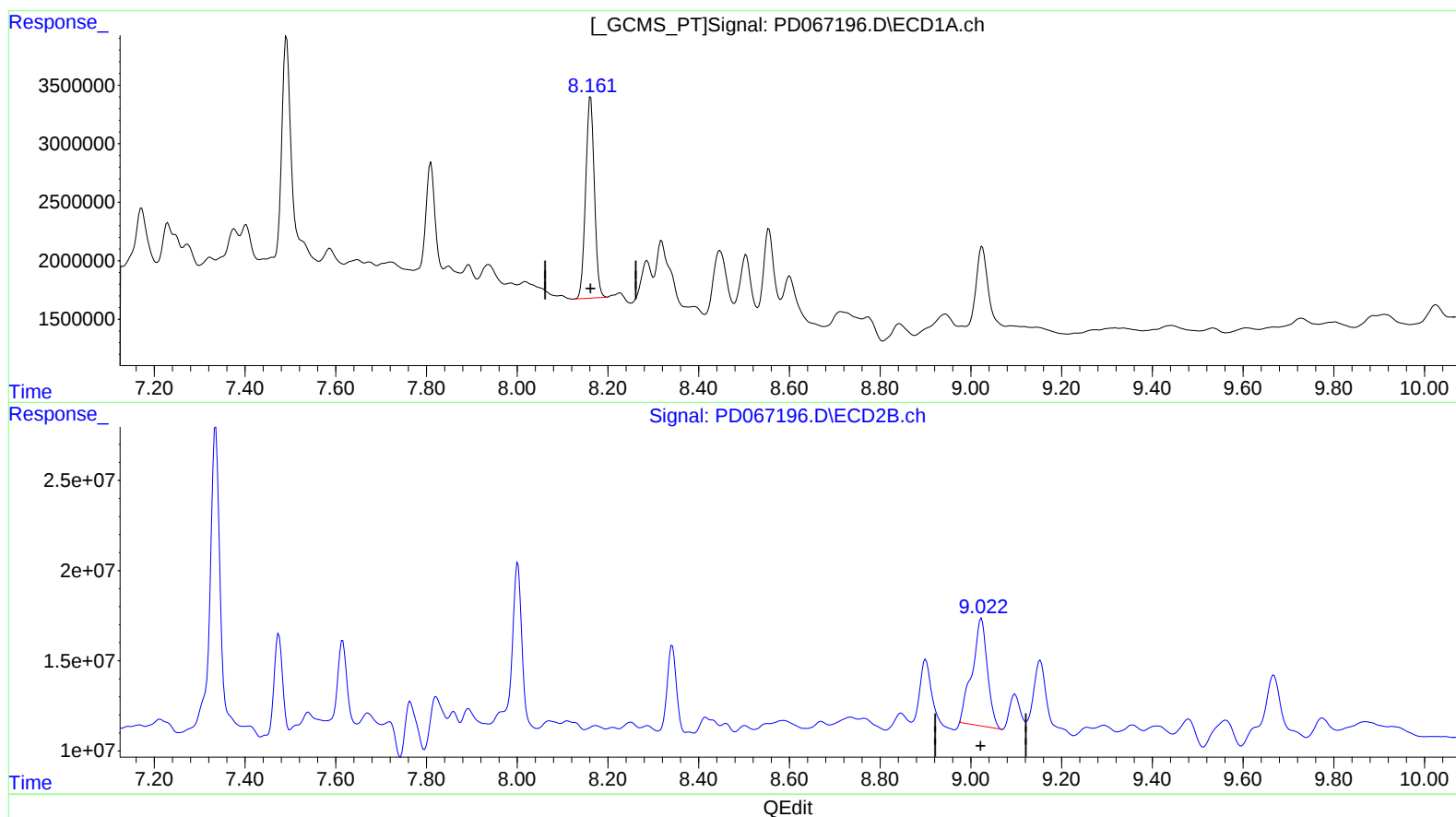
Instrument :
ECD_D
ClientSampleId :
ESQM7

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 03 04:54:08 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



(27) Decachlorobiphenyl (SA)

8.162min 20.281 ng/ml

response 23025253

(27) Decachlorobiphenyl #2 (SA)

9.023min 27.421 ng/ml

response 139050348

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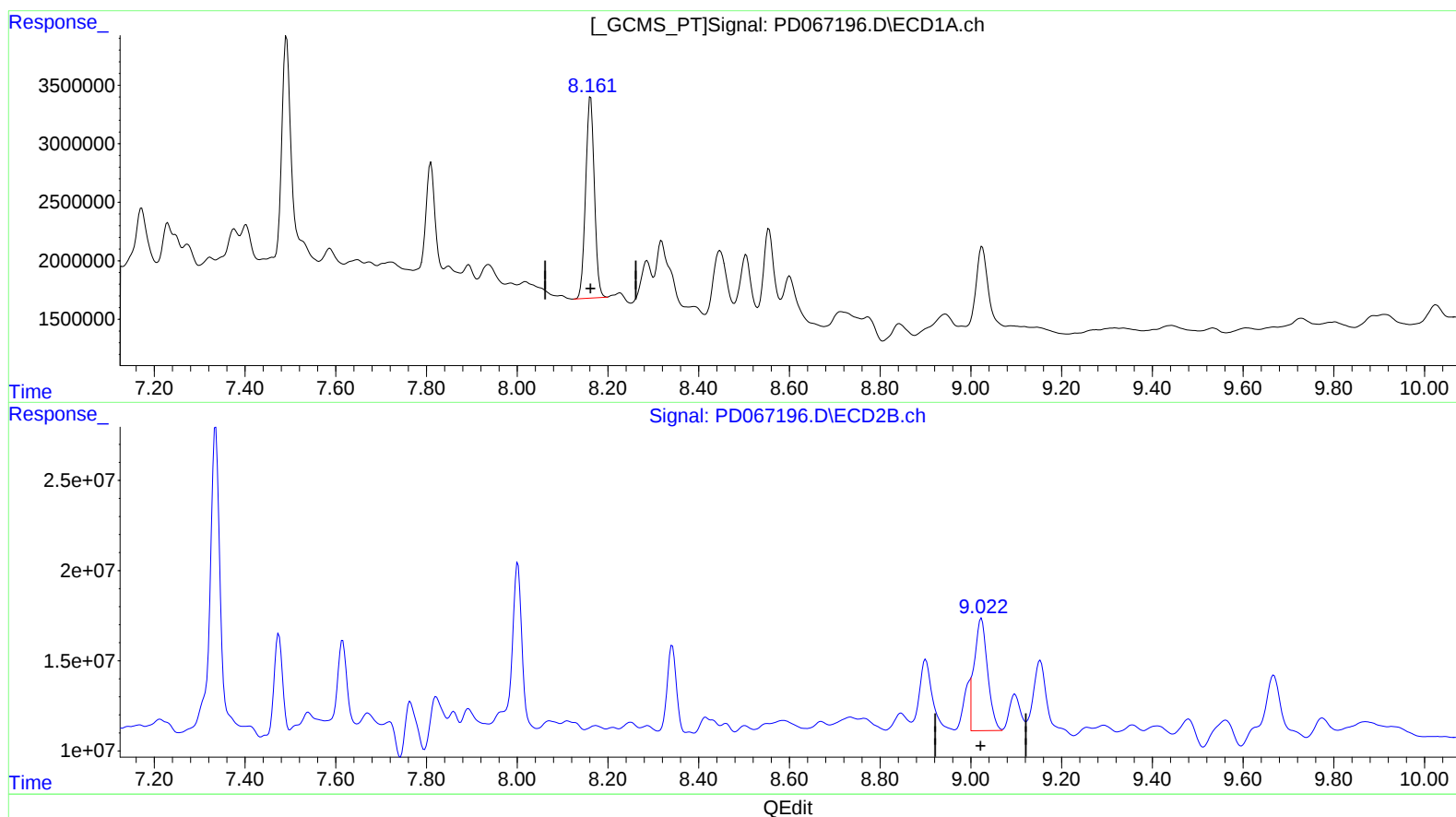
Instrument :
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 ClientSampleId :
 ESQM7

Manual IntegrationsAPPROVED

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(27) Decachlorobiphenyl (SA)

8.162min 20.281 ng/ml

response 23025253

(27) Decachlorobiphenyl #2 (SA)

9.022min 24.640 ng/ml m

response 124943749

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Sample : M4833-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

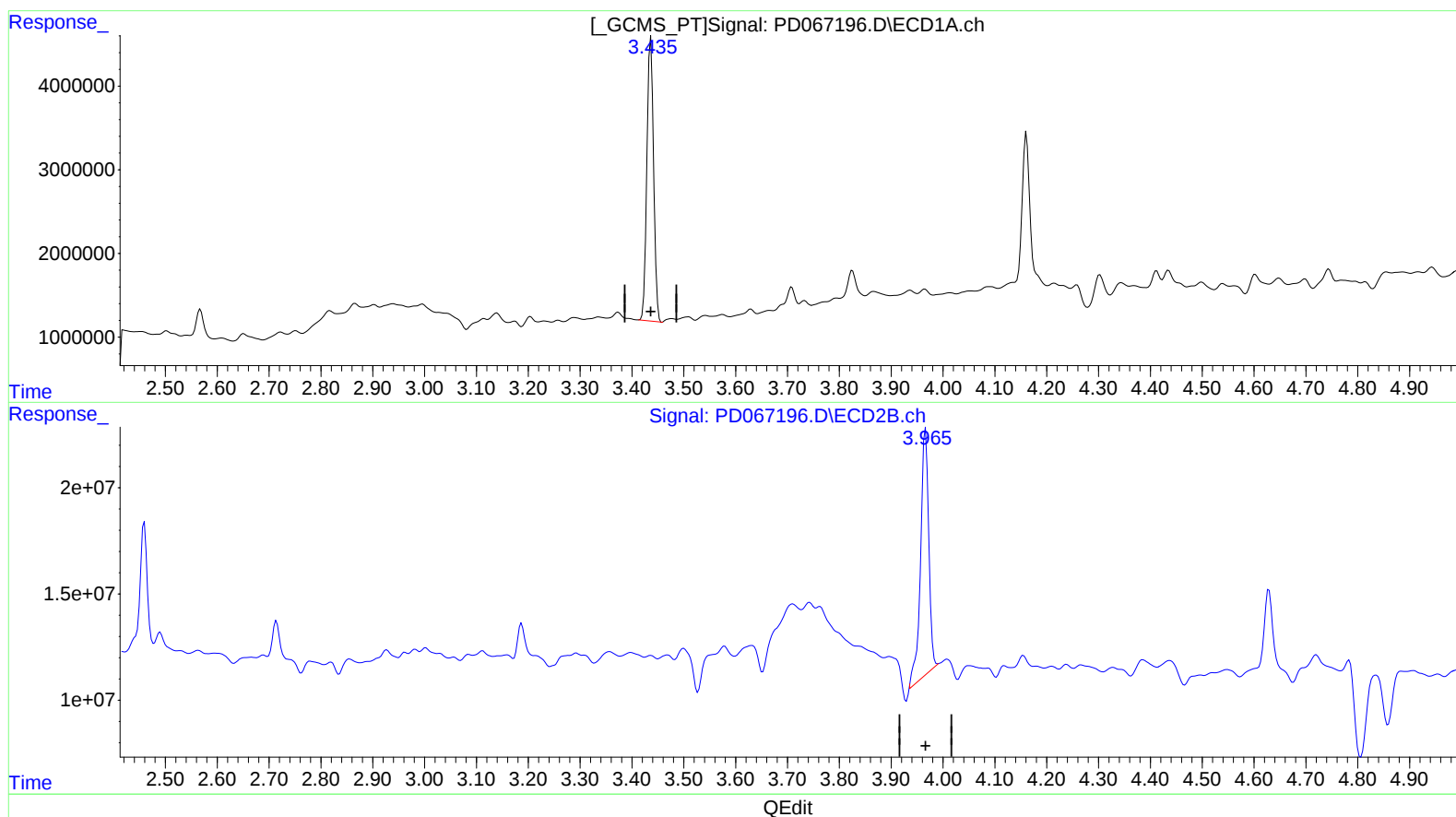
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(1) Tetrachloro-m-xylene (SA)

3.436min 13.893 ng/ml

response 30336149

(1) Tetrachloro-m-xylene #2 (SA)

3.966min 15.758 ng/ml

response 126245535

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Operator : AR\AJ
Sample : M4833-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

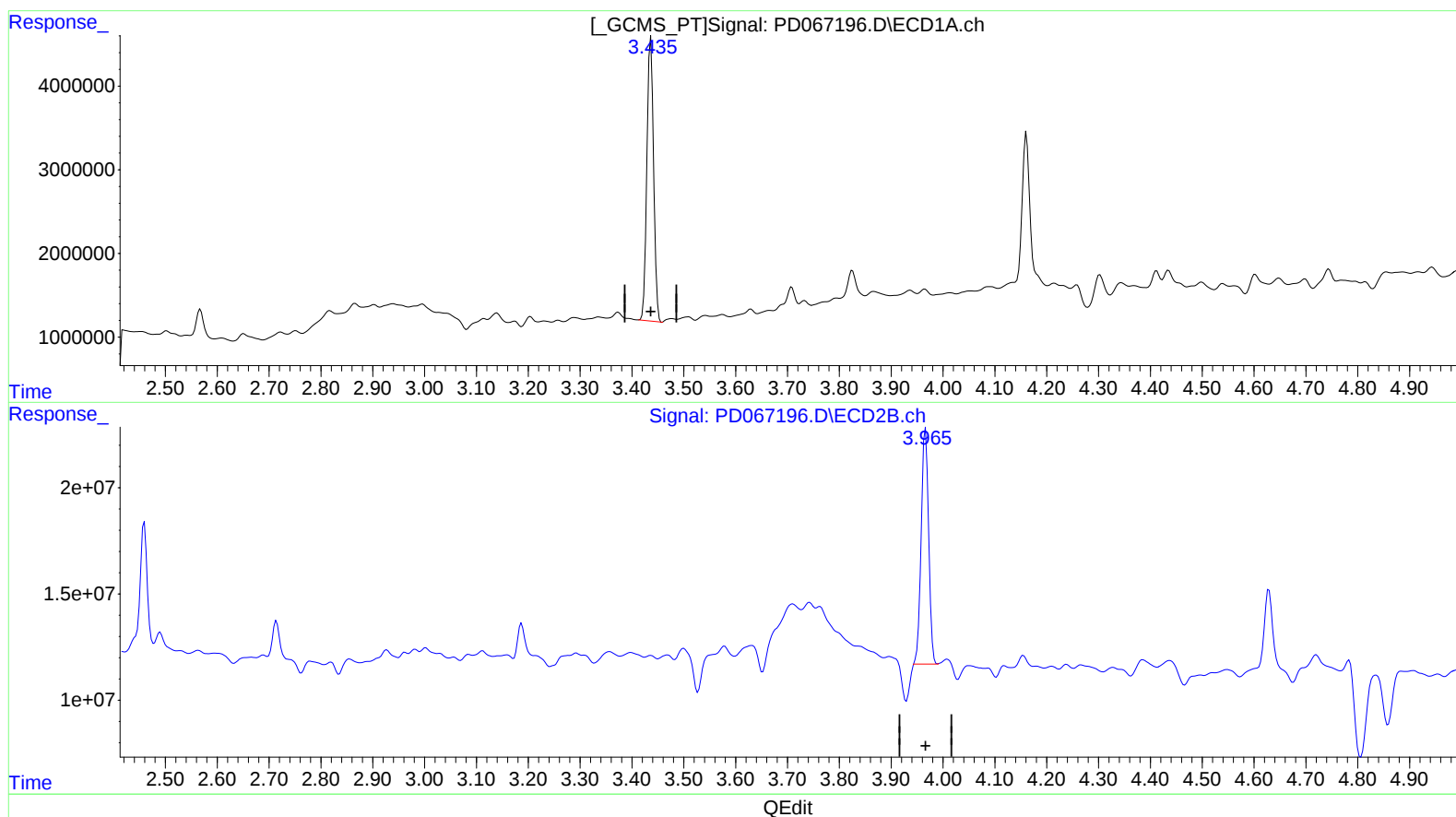
Instrument :
ECD_D
ClientSampleId :
ESQM7

Manual IntegrationsAPPROVED

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(1) Tetrachloro-m-xylene (SA)

3.436min 13.893 ng/ml

response 30336149

(1) Tetrachloro-m-xylene #2 (SA)

3.965min 13.737 ng/ml m

response 110056281

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

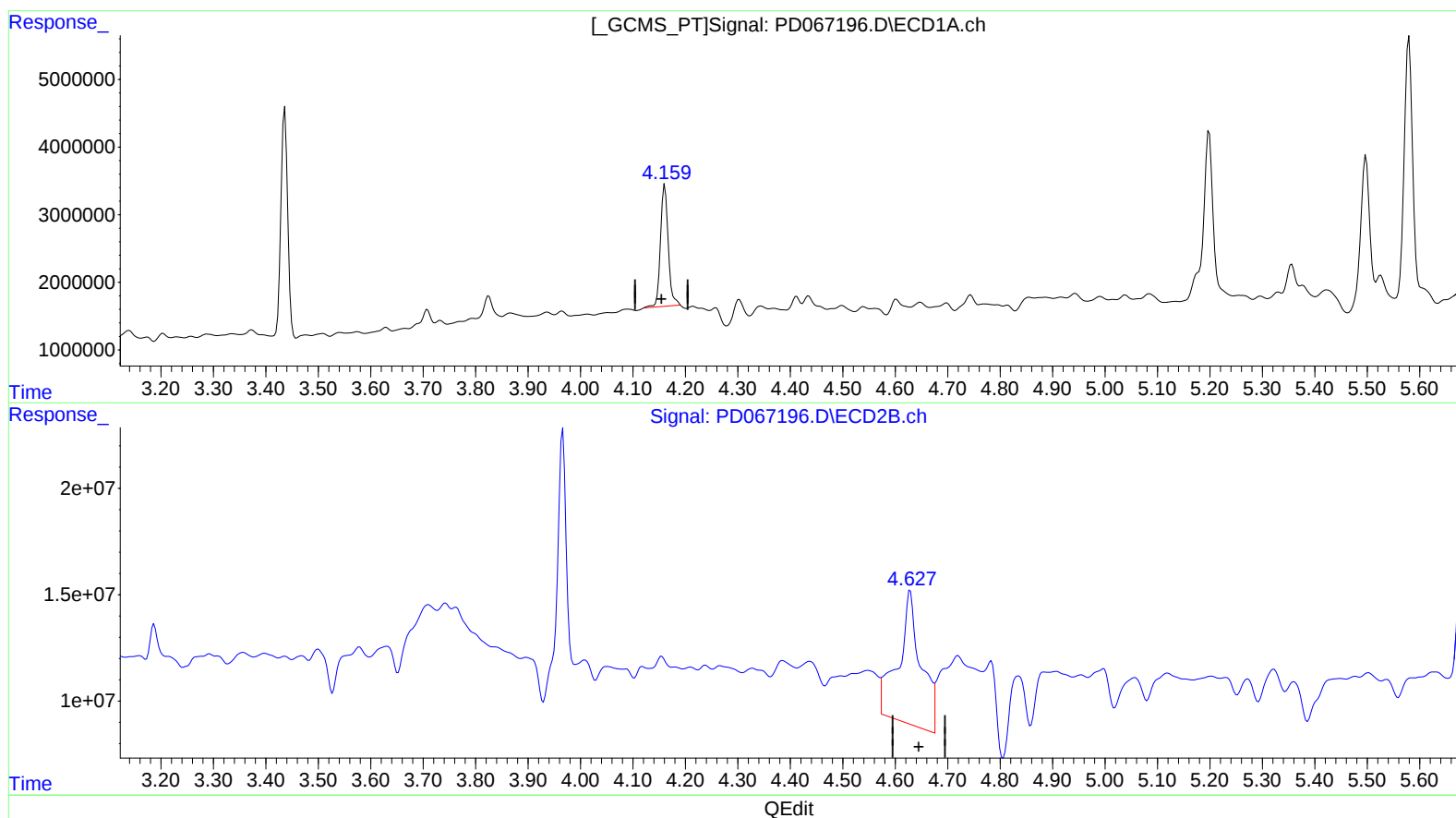
Instrument :
ECD_D
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ESQM7

Manual IntegrationsAPPROVED

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(3) gamma-BHC (Lindane) (MA)

4.161min 5.798 ng/ml

response 18451711

(3) gamma-BHC (Lindane) #2 (MA)

4.629min 18.896 ng/ml

response 189554258

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 Acq On : 02 Dec 2021 11:17
 Operator : AR\AJ
 Sample : M4833-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

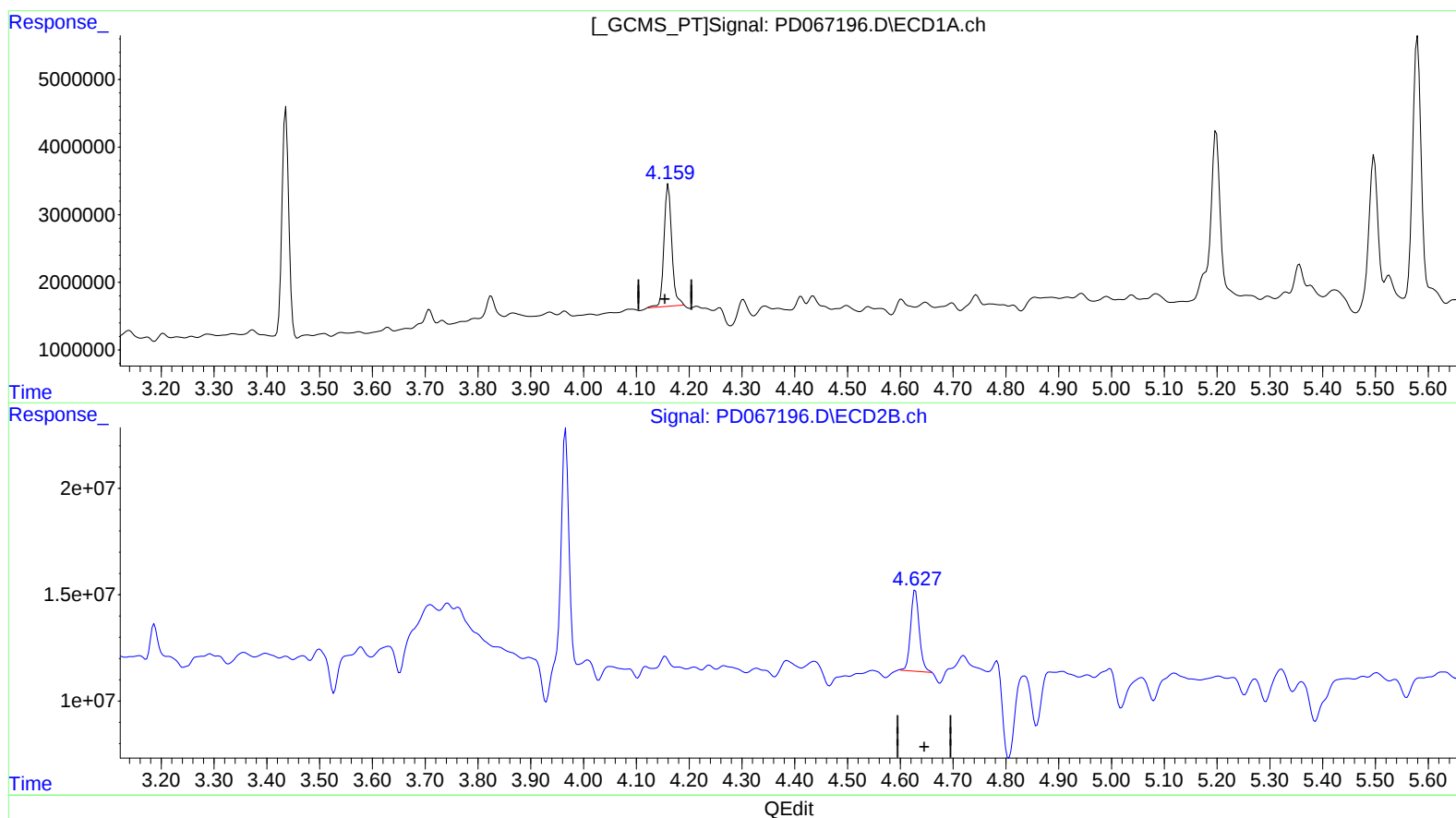
Instrument :
 ECD_D
 ClientSampleId :
 ESQM7

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



(3) gamma-BHC (Lindane) (MA)

4.161min 5.798 ng/ml

response 18451711

(3) gamma-BHC (Lindane) #2 (MA)

4.627min 4.291 ng/ml m

response 43049574

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
 Data File : PD067196.D
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 Acq On : 02 Dec 2021 11:17
 Operator : AR\AJ
 Sample : M4833-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

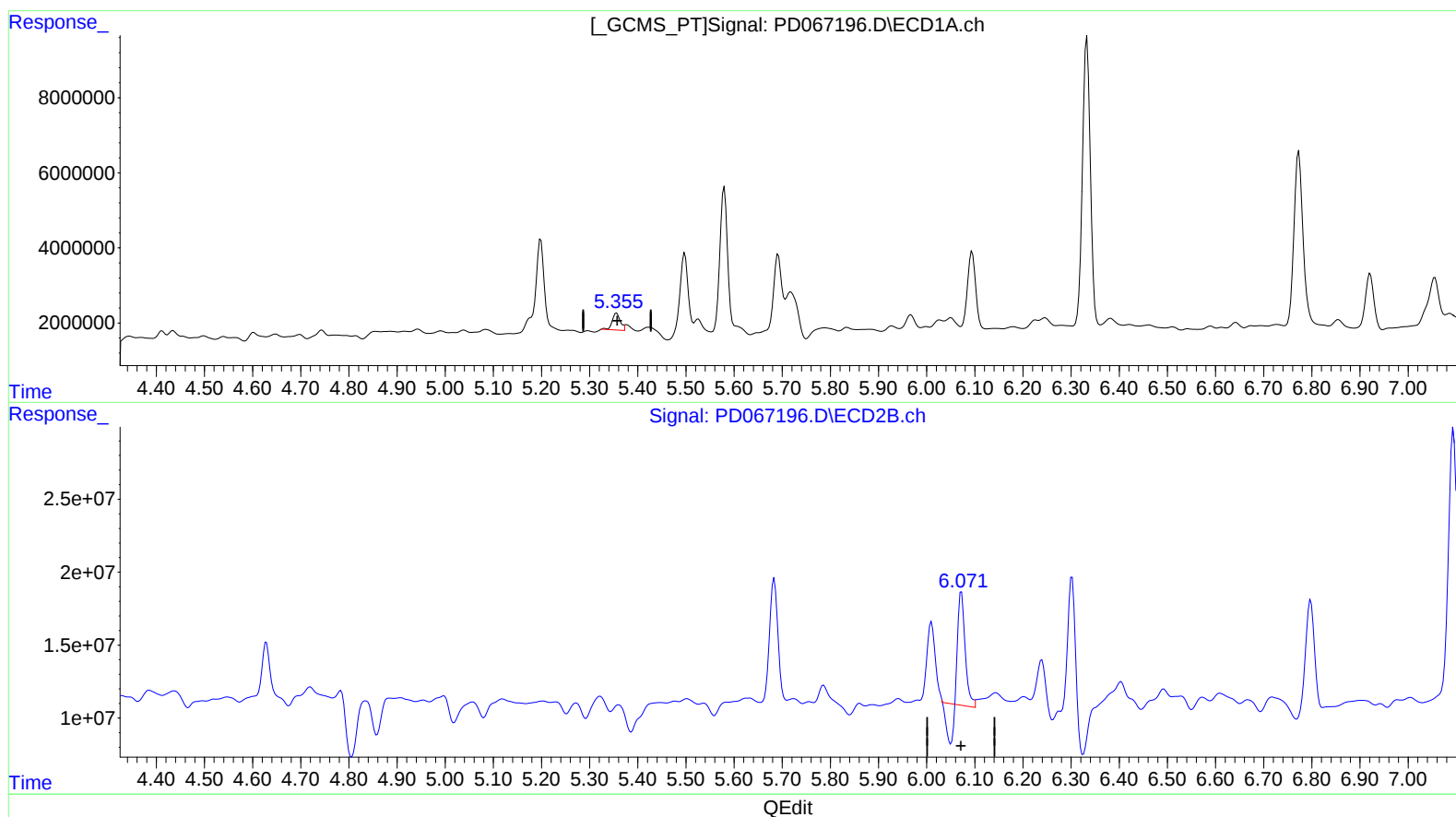
Instrument :
 ECD_D
 ClientSampleId :
 ESQM7

Manual IntegrationsAPPROVED

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

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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



(10) trans-Chlordane (B)

5.356min 1.808 ng/ml

response 5095214

(10) trans-Chlordane #2 (B)

6.072min 8.122 ng/ml

response 61646881

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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 Acq On : 02 Dec 2021 11:17
 Operator : AR\AJ
 Sample : M4833-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

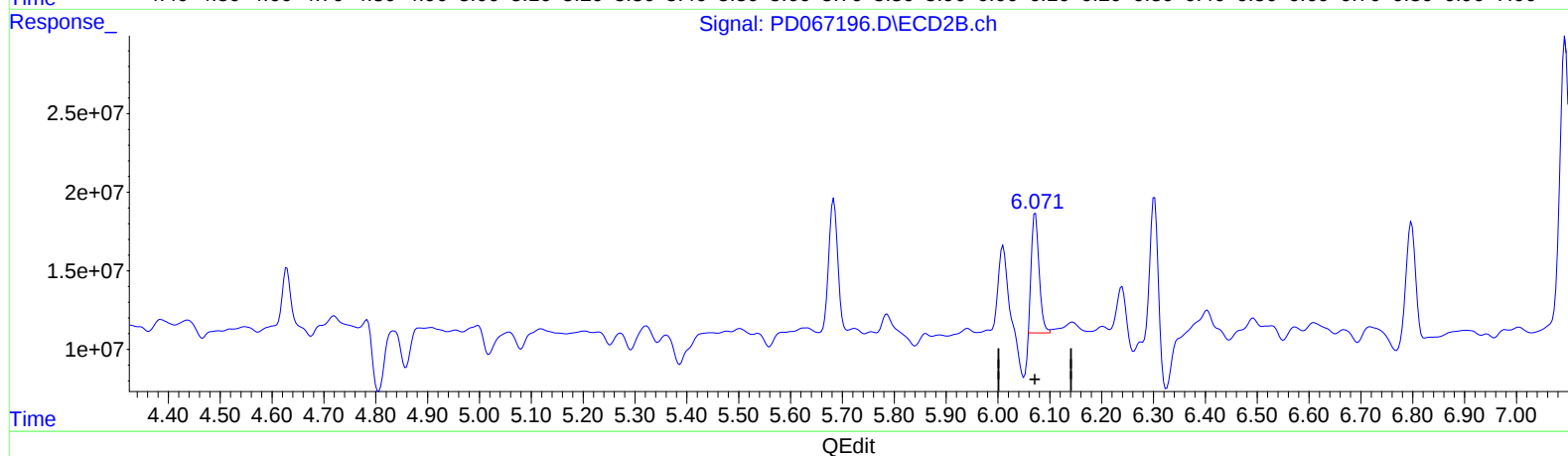
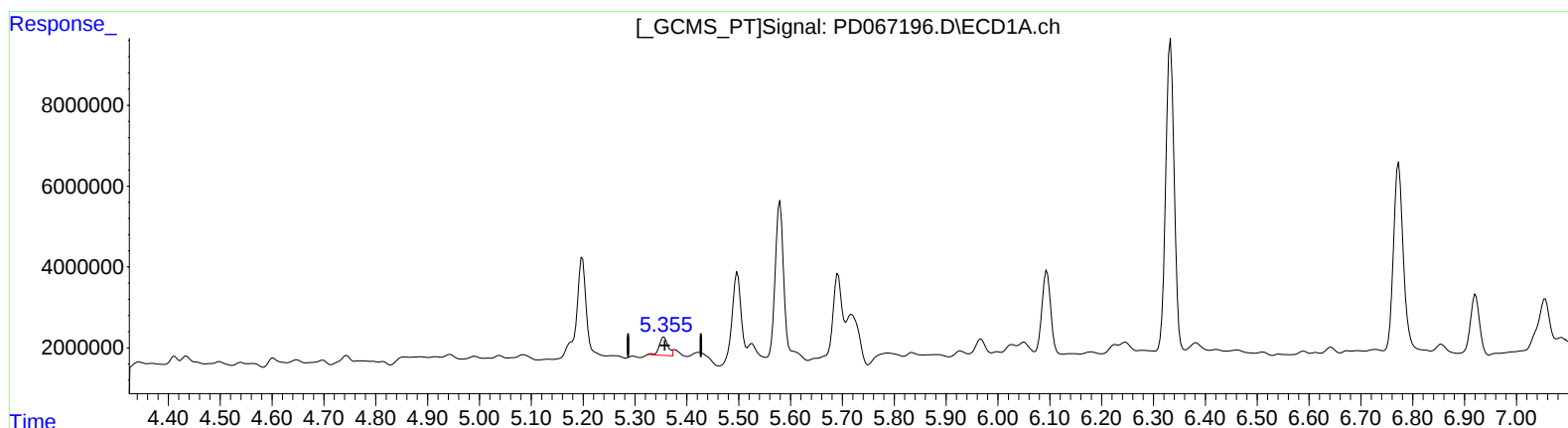
Instrument :
 ECD_D
 ClientSampleId :
 ESQM7

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



(10) trans-Chlordane (B)

5.356min 1.808 ng/ml

response 5095214

(10) trans-Chlordane #2 (B)

6.071min 10.466 ng/ml m

response 79438520

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M4833-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

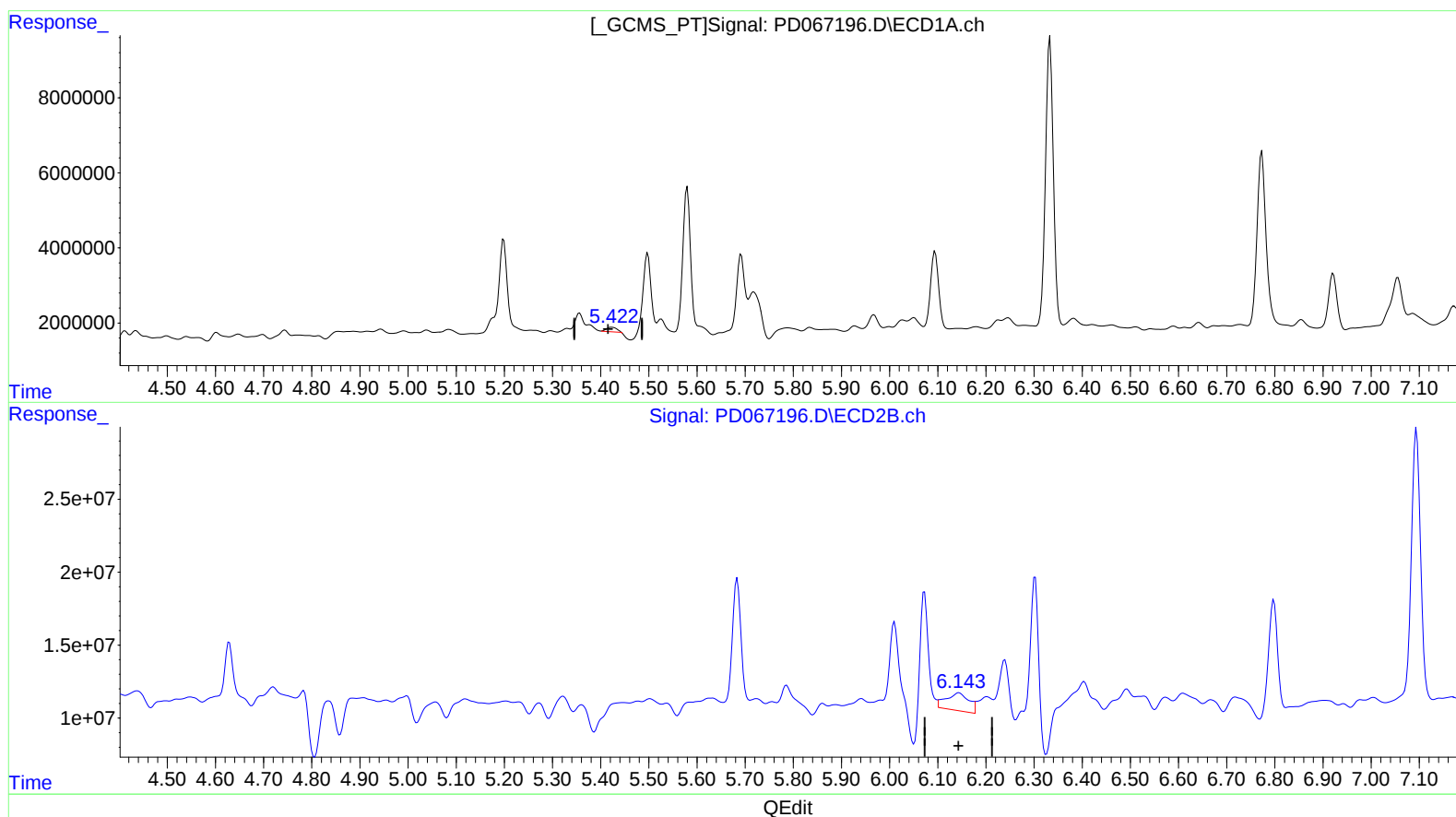
Instrument :
ECD_D
ClientSampleId :
ESQM7

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)

5.424min 0.655 ng/ml

response 1817186

(11) cis-Chlordane #2 (B)

6.144min 5.426 ng/ml

response 40142167

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M4833-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

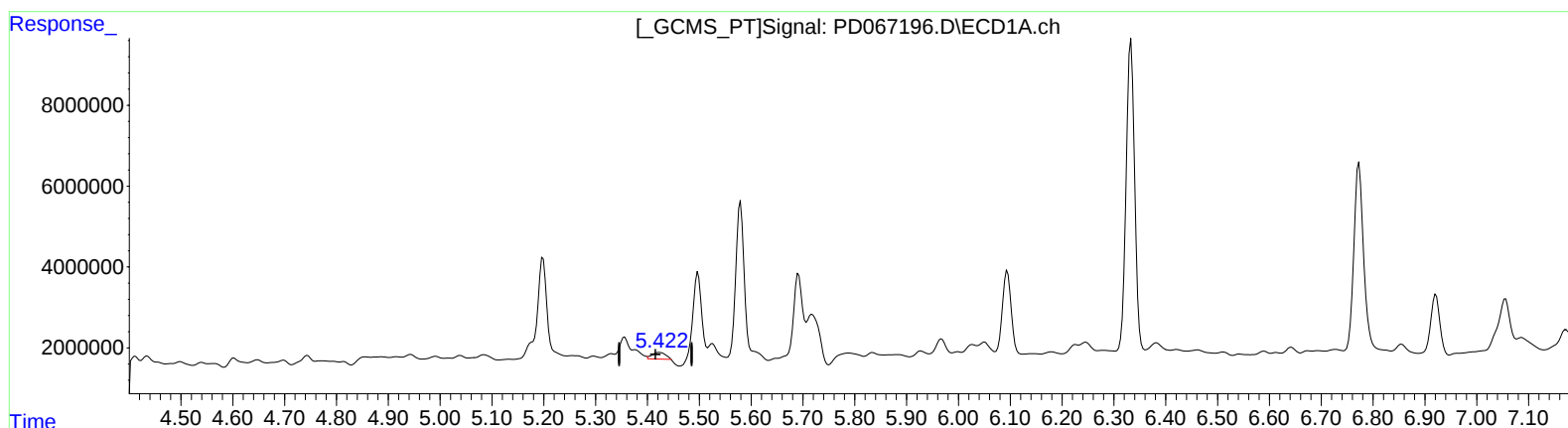
Instrument :
ECD_D
ClientSampleId :
ESQM7

Manual IntegrationsAPPROVED

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



(11) cis-Chlordane (B)

5.422min 1.069 ng/ml m

response 2965017

(11) cis-Chlordane #2 (B)

6.143min 1.506 ng/ml m

response 11137734

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

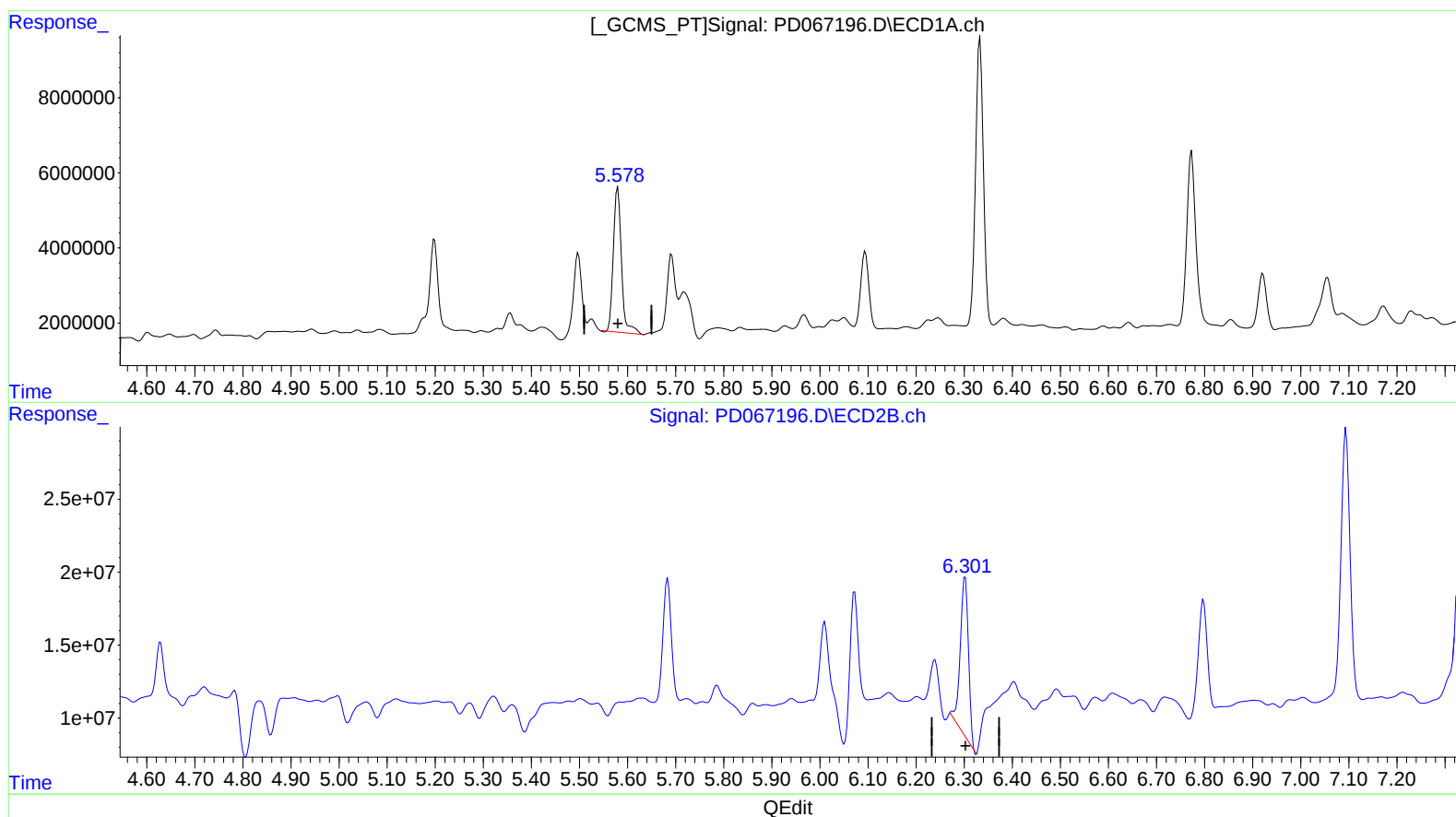
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(12) 4,4'-DDE (B)
5.580min 18.089 ng/ml
response 45271437

(12) 4,4'-DDE #2 (B)
6.302min 19.362 ng/ml
response 129742585

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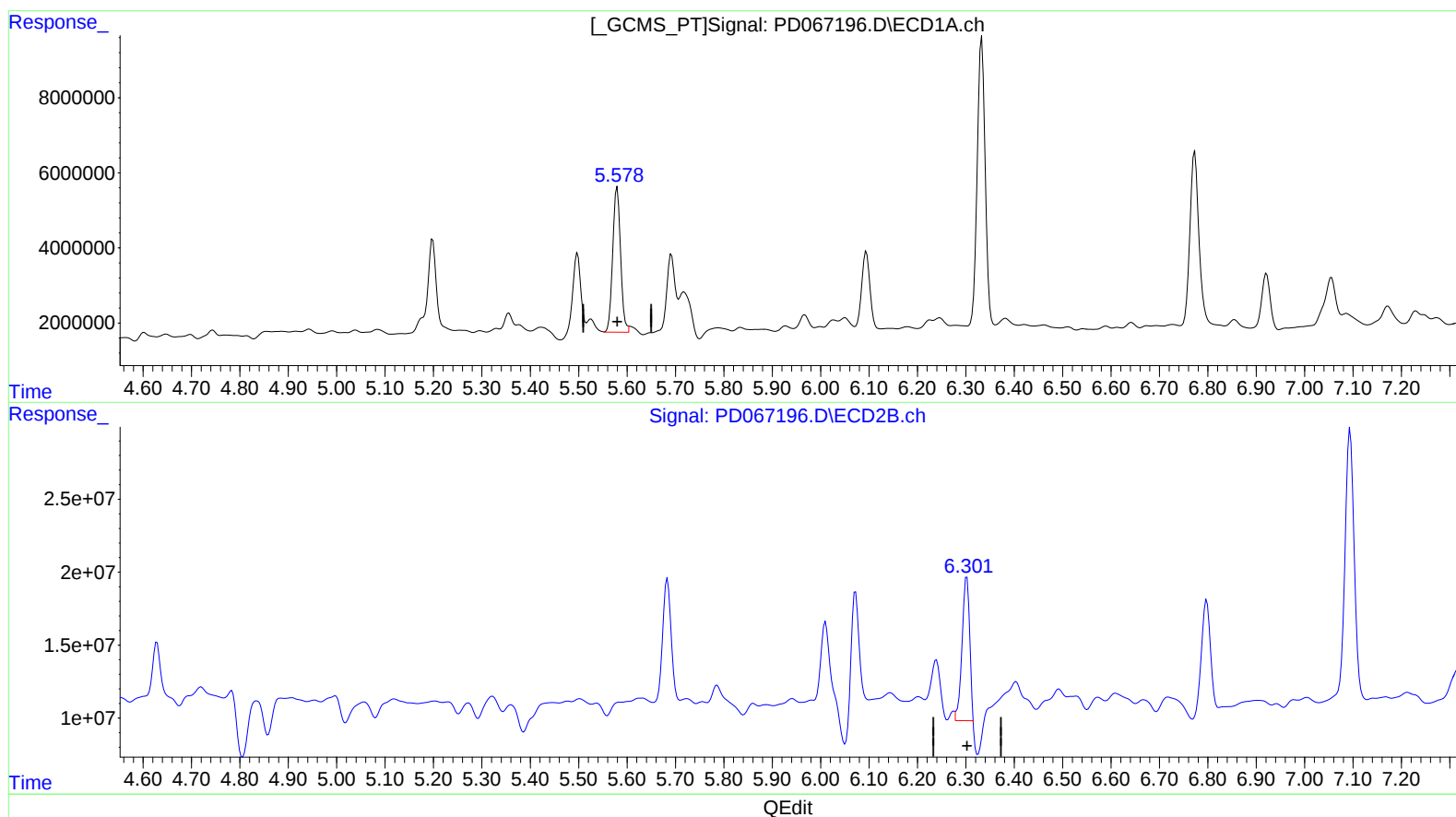
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(12) 4,4'-DDE (B)
5.578min 17.412 ng/ml m
response 43575788

(12) 4,4'-DDE #2 (B)
6.301min 15.888 ng/ml m
response 106463206

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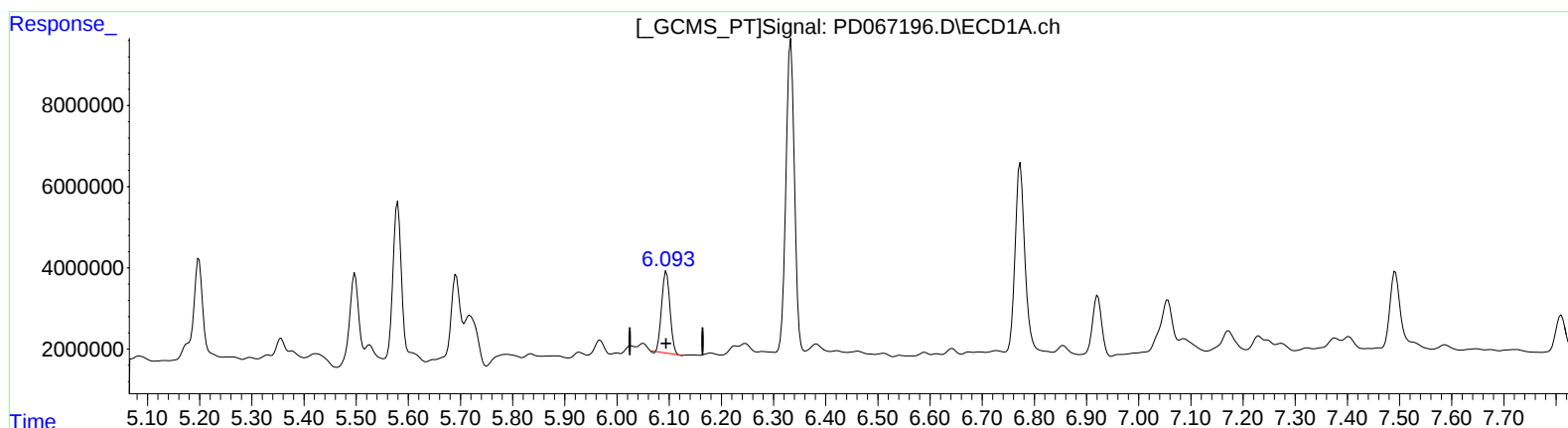
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(16) 4,4'-DDD (A)

6.094min 10.583 ng/ml

response 22374366

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

6.798min 14.921 ng/ml

response 87261306

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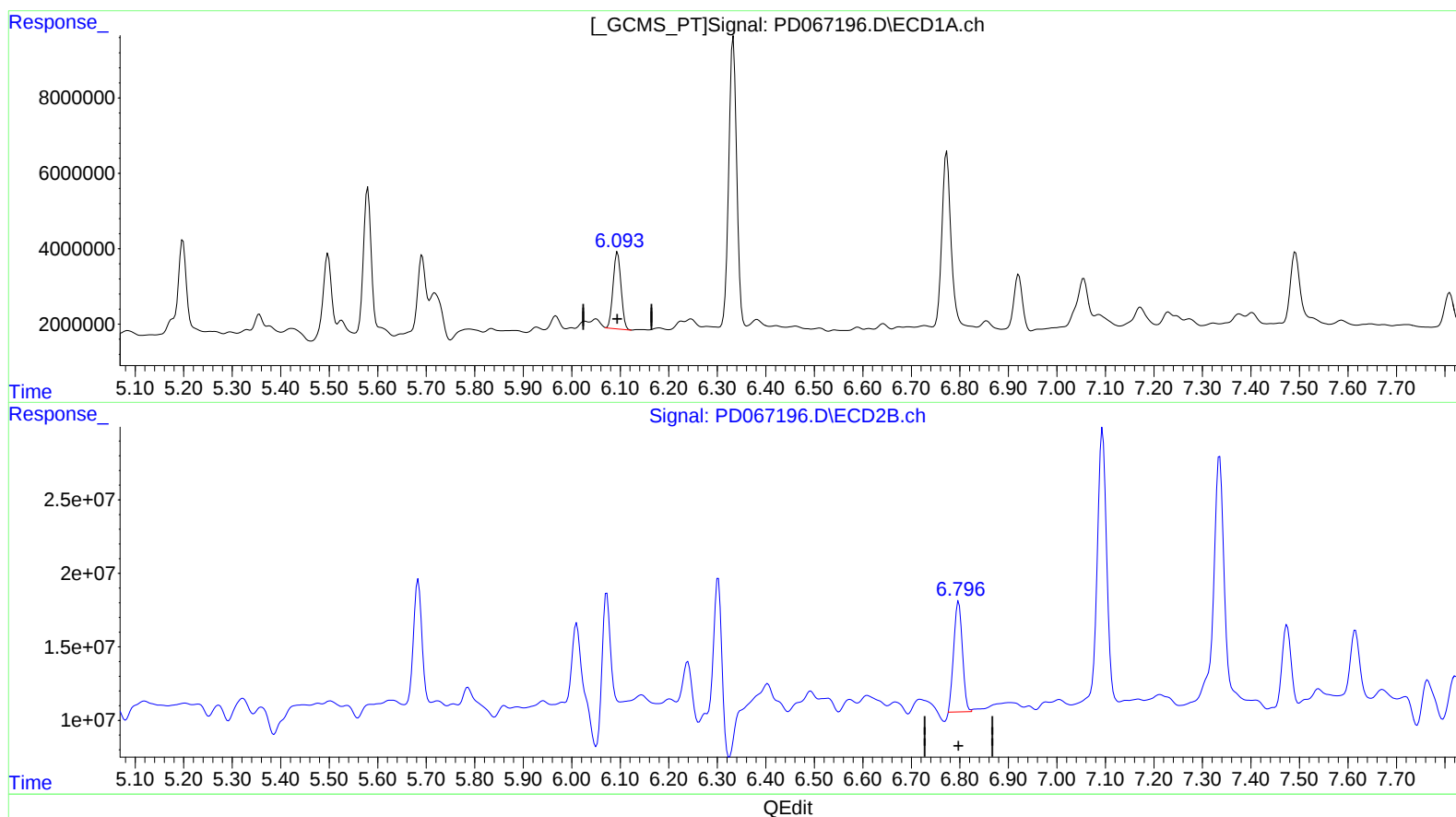
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)
 6.093min 11.010 ng/ml m
 response 23277824

(16) 4,4'-DDD #2 (A)
 6.796min 15.871 ng/ml m
 response 92817464

Quantitation Report (QT Reviewed)

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Instrument :
 ECD_D
 Client Sampled :
 ESQM7

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Manual Integrations APPROVED

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...	3.436	3.965	30336149	110.1E6	13.893	13.737m
27) SA Decachlor...	8.162	9.022	23025253	124.9E6	20.281	24.640m
Target Compounds						
3) MA gamma-BHC...	4.161	4.627	18451711	43049574	5.798	4.291m#
10) B trans-Chl...	5.356	6.071	5095214	79438520	1.808	10.466m#
11) B cis-Chlor...	5.422	6.143	2965017	11137734	1.069m	1.506m#
12) B 4,4'-DDE	5.578	6.301	43575788	106.5E6	17.412m	15.888m
16) A 4,4'-DDD	6.093	6.796	23277824	92817464	11.010m	15.871m#
17) MA 4,4'-DDT	6.333	7.094	87046652	242.0E6	40.949	42.000

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