

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

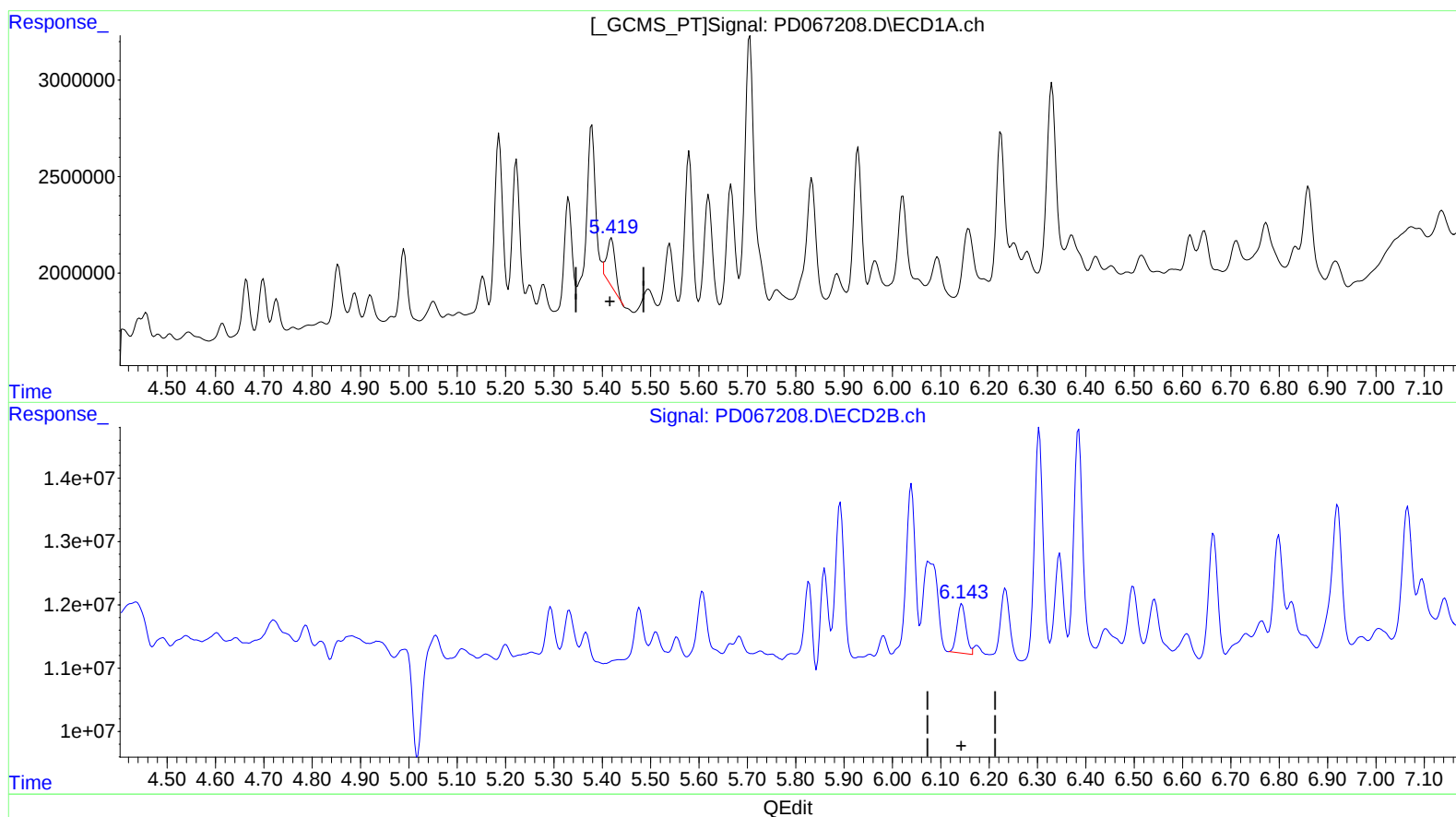
Instrument :
ECD_D
ClientSampleId :
ESQP0

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 04:55:49 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



(11) cis-Chlordane (B)

5.419min 0.971 ng/ml

response 2693305

(11) cis-Chlordane #2 (B)

6.144min 1.337 ng/ml

response 9890741

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

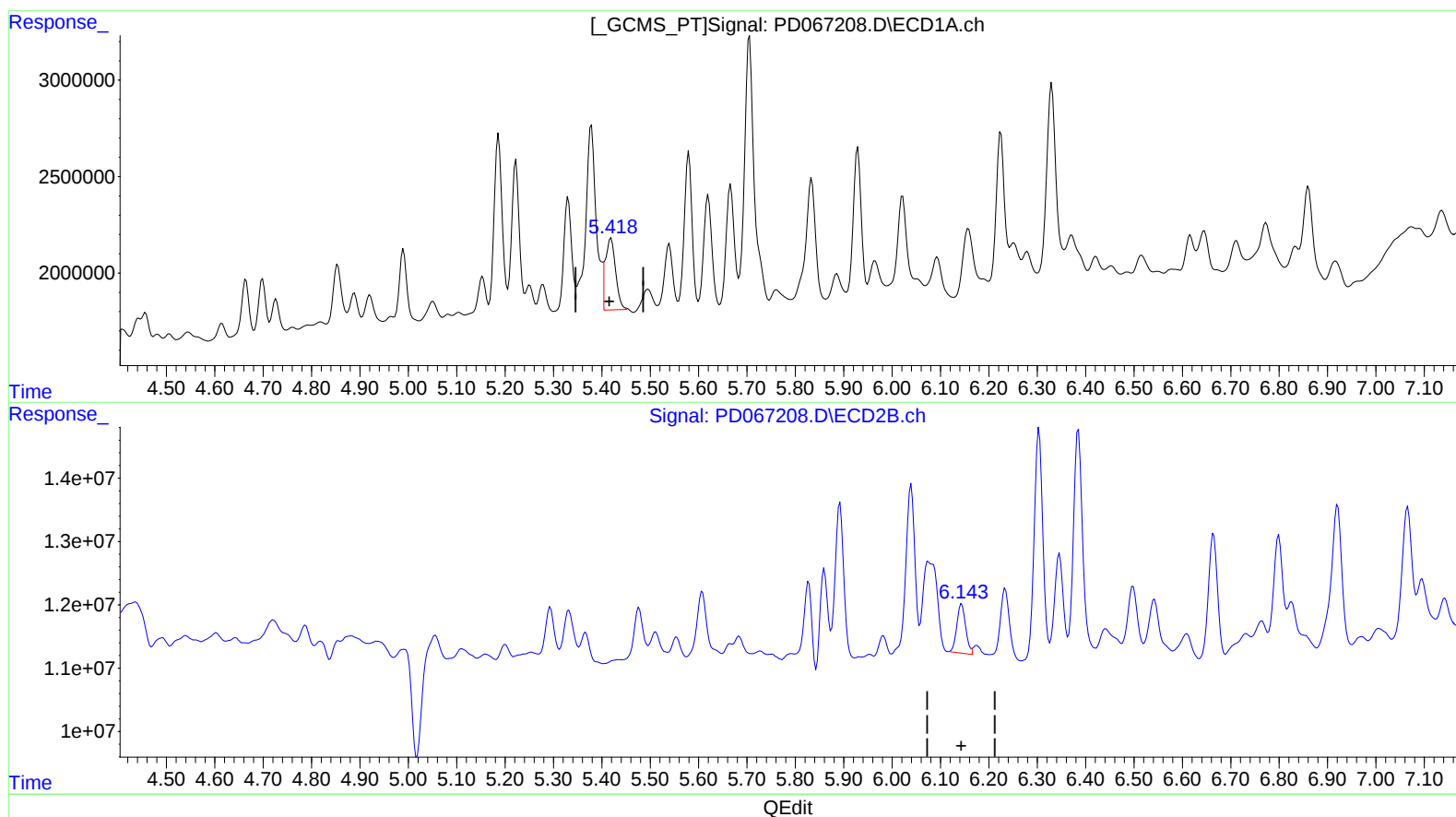
Instrument :
ECD_D
ClientSampleId :
ESQP0

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)

5.418min 1.911 ng/ml m

response 5301865

(11) cis-Chlordane #2 (B)

6.144min 1.337 ng/ml

response 9890741

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
 Data File : PD067208.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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 Operator : AR\AJ
 Sample : M4833-23
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

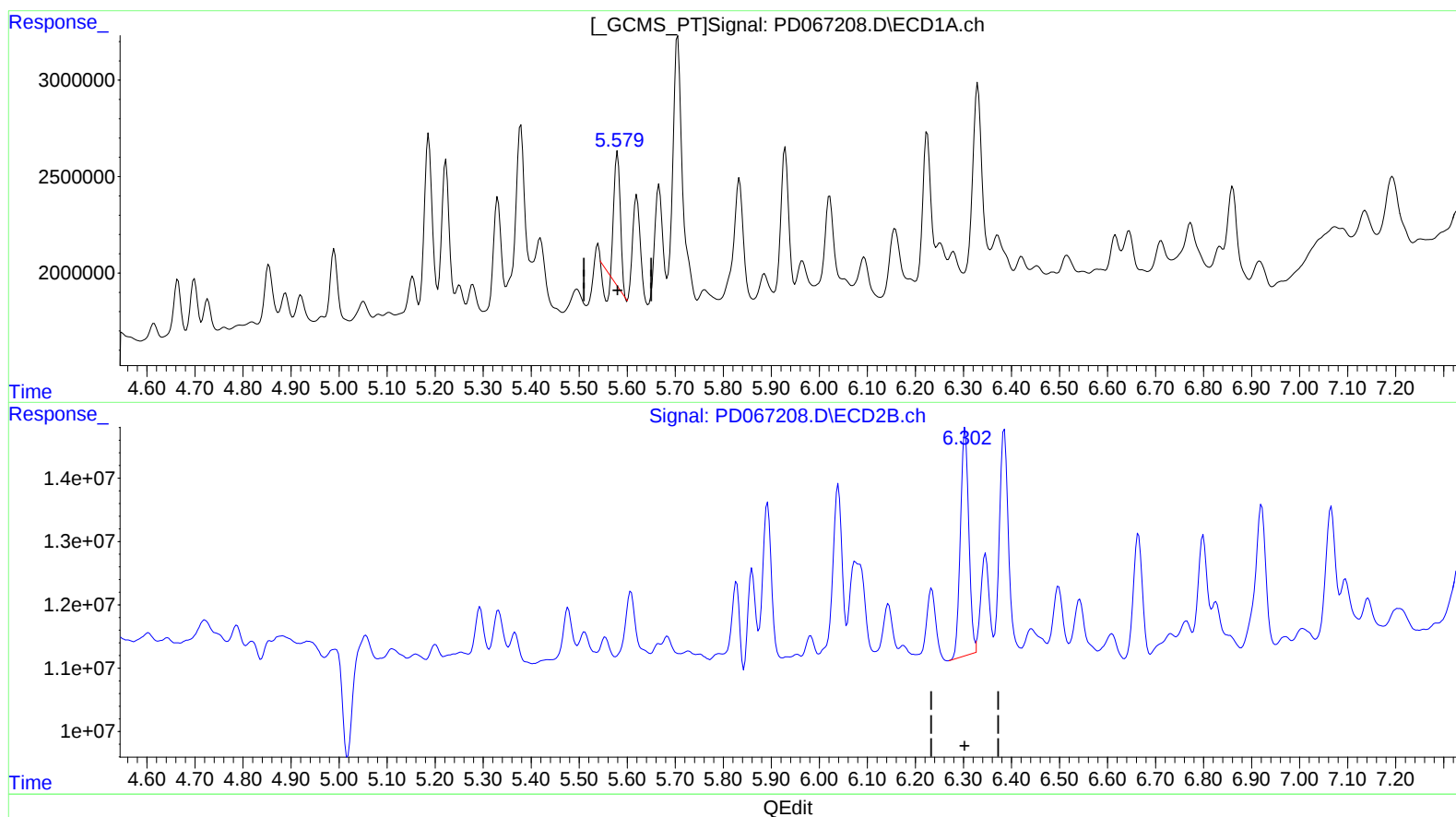
Instrument :
 ECD_D
 ClientSampleId :
 ESQP0

Manual IntegrationsAPPROVED

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 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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(12) 4,4'-DDE (B)
 5.580min 2.198 ng/ml
 response 5500203

(12) 4,4'-DDE #2 (B)
 6.304min 6.503 ng/ml
 response 43577657

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

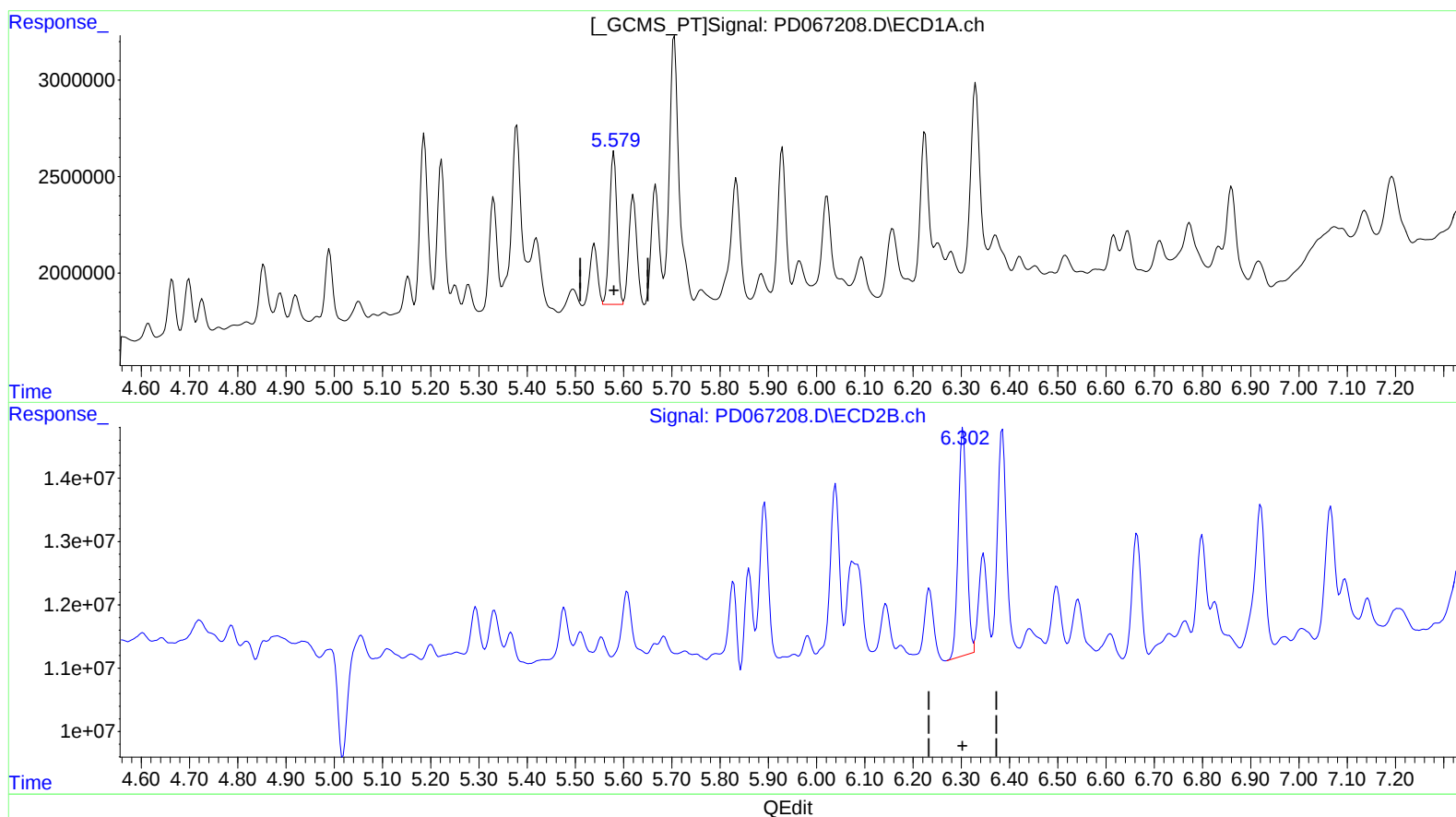
Instrument :
ECD_D
ClientSampleId :
ESQP0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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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



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

5.579min 3.380 ng/ml m
response 8458915

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

6.304min 6.503 ng/ml
response 43577657

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

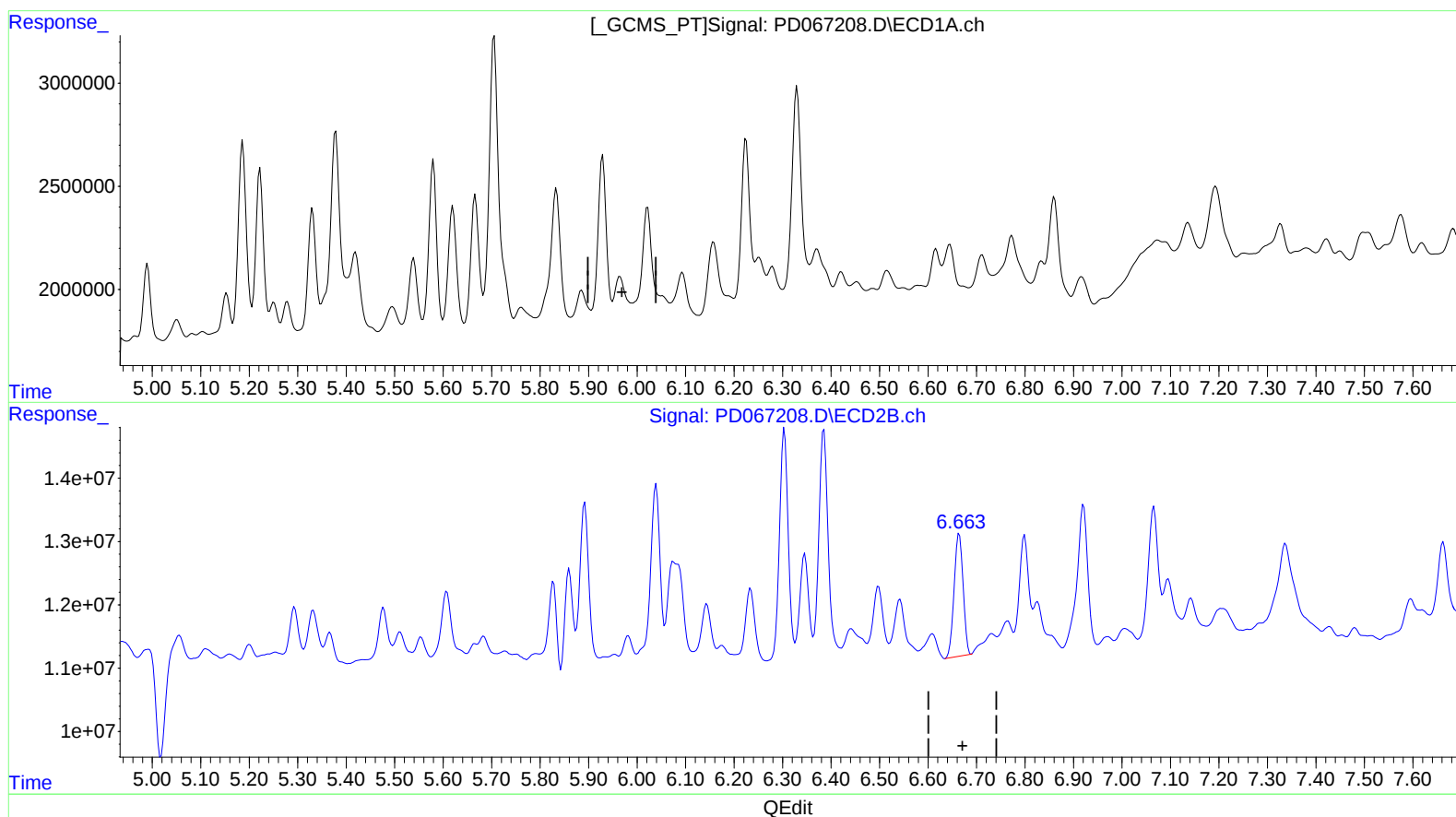
Instrument :
ECD_D
ClientSampleId :
ESQP0

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



(14) Endrin (MA)

5.965min -2.112 ng/ml

response -4830084

(14) Endrin #2 (MA)

6.664min 4.282 ng/ml

response 24840907

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

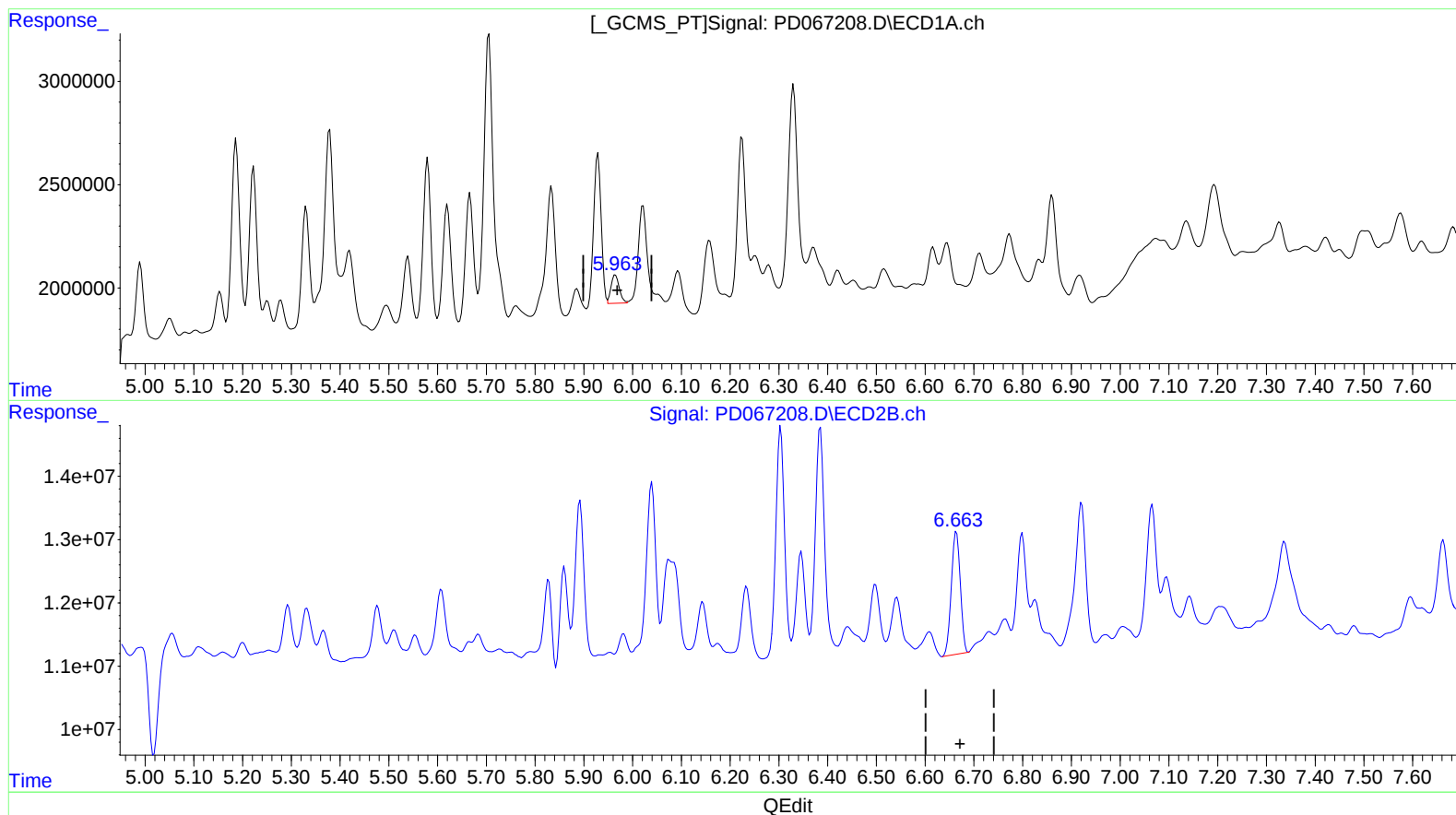
Instrument :
ECD_D
ClientSampleId :
ESQP0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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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



(14) Endrin (MA)

5.963min 0.703 ng/ml m
response 1608437

(14) Endrin #2 (MA)

6.664min 4.282 ng/ml
response 24840907

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

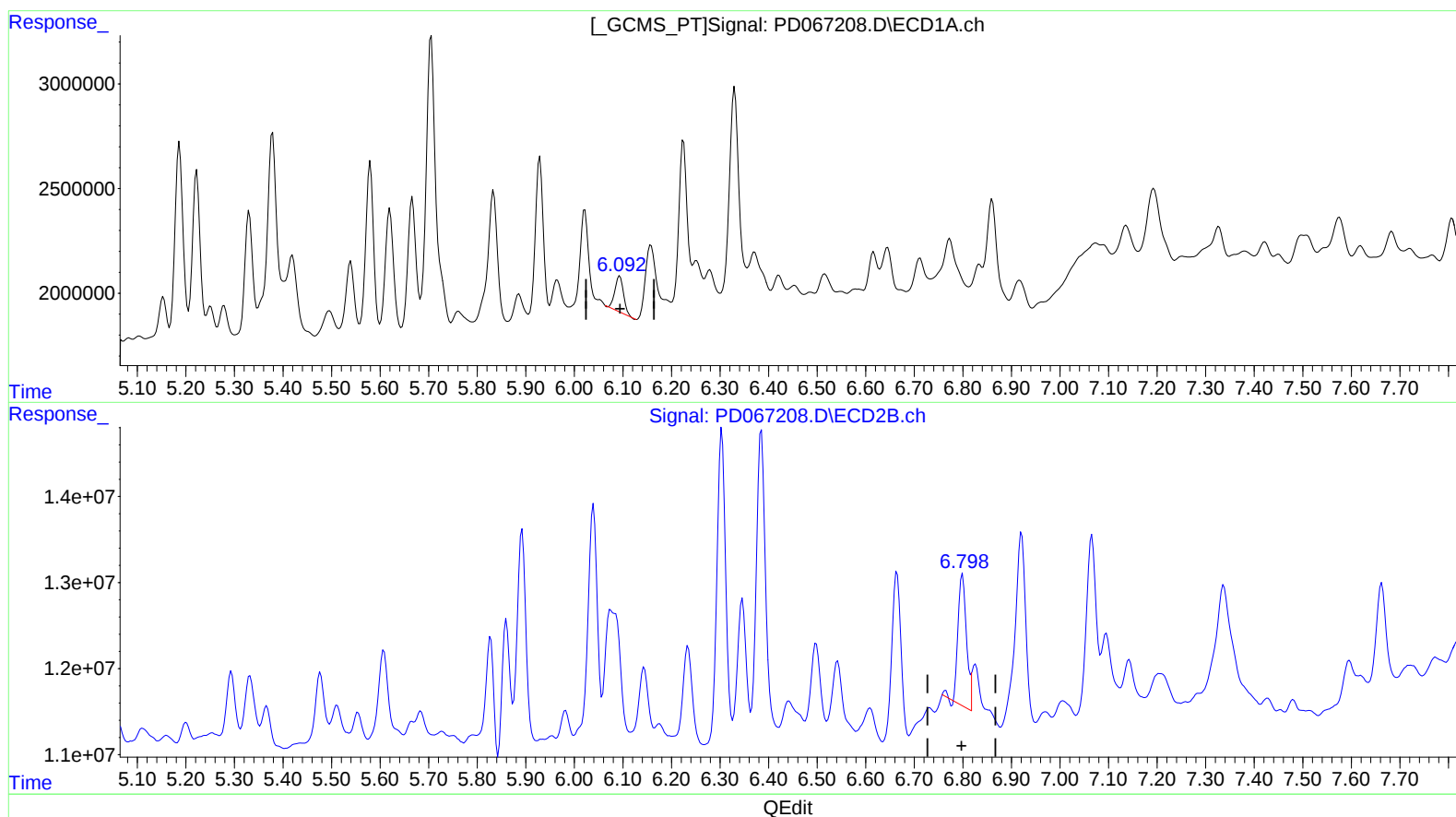
Instrument :
ECD_D
ClientSampleId :
ESQP0

Manual IntegrationsAPPROVED

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

Integration File signal 1: autoint1.e
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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



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

6.093min 1.001 ng/ml

response 2116191

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

6.799min 3.148 ng/ml

response 18407513

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

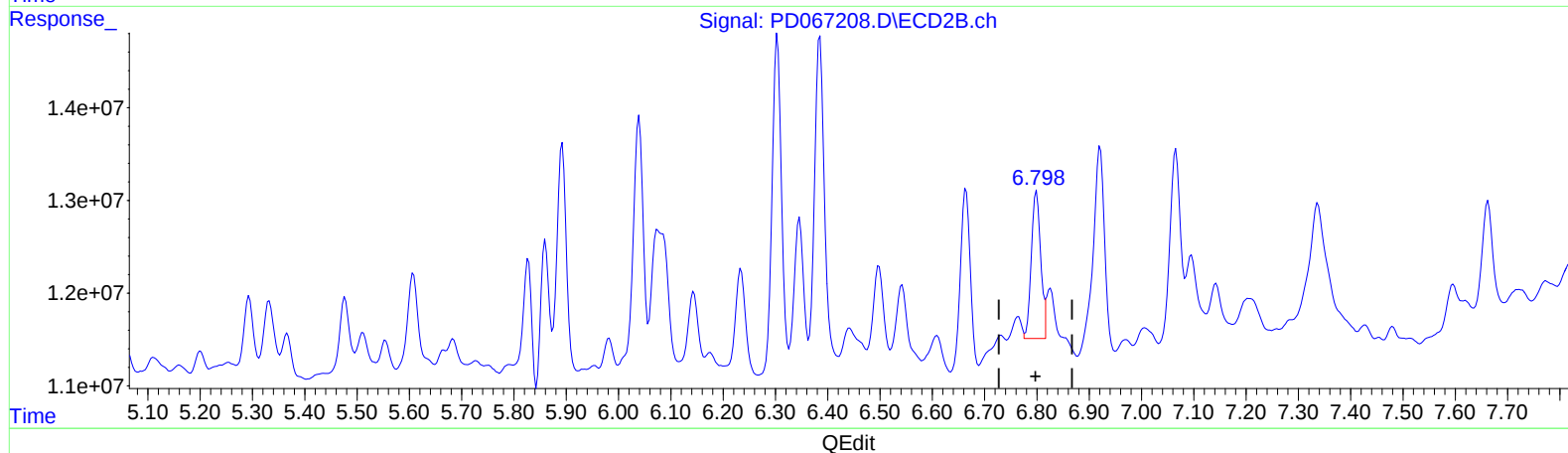
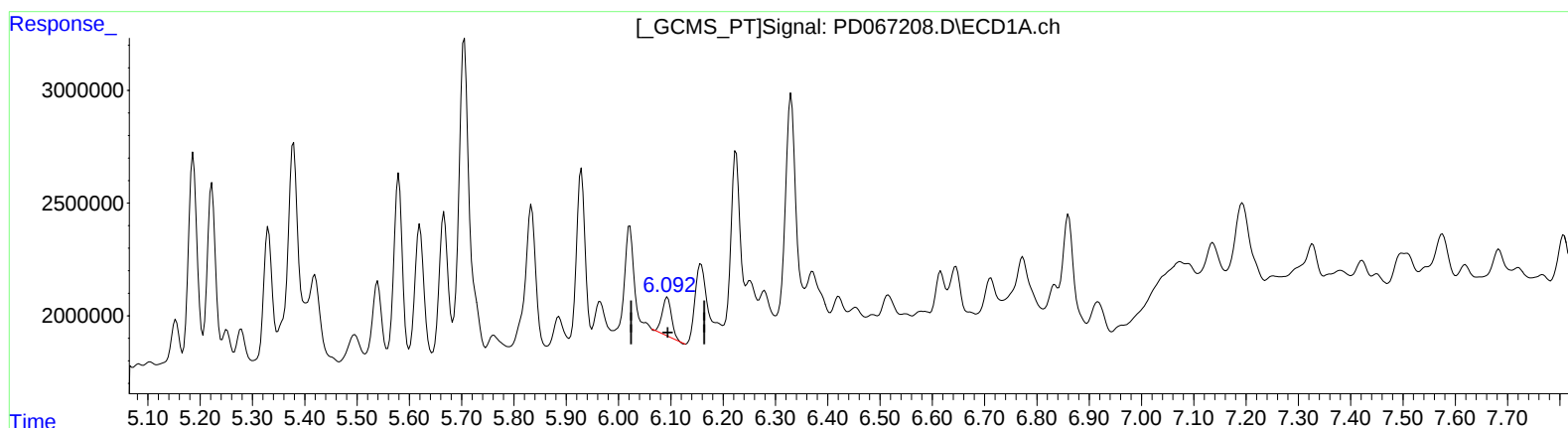
Instrument :
ECD_D
ClientSampleId :
ESQP0

Manual IntegrationsAPPROVED

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

Integration File signal 1: autoint1.e
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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



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

6.093min 1.001 ng/ml

response 2116191

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

6.798min 3.444 ng/ml m

response 20139741

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

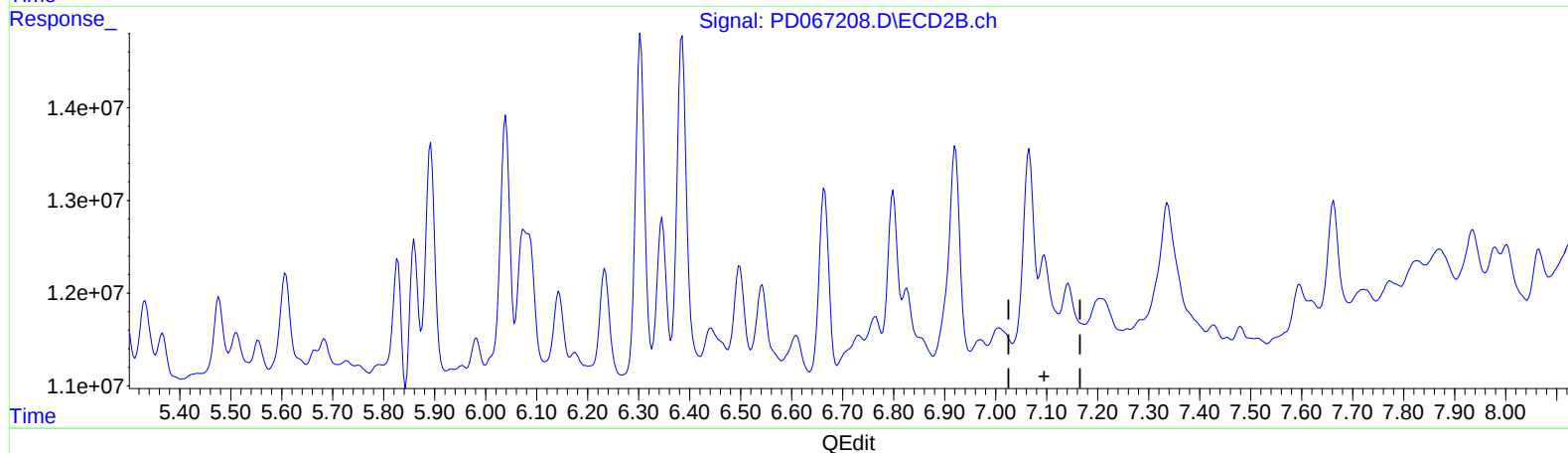
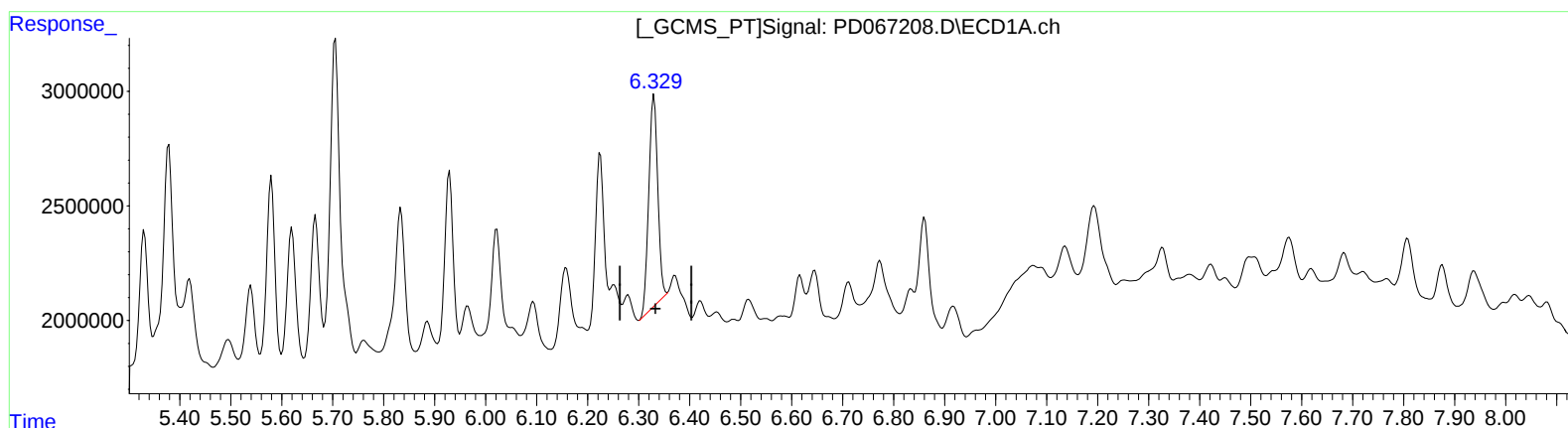
Instrument :
ECD_D
ClientSampleId :
ESQP0

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
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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



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

6.330min 5.279 ng/ml

response 11221913

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

7.096min -0.390 ng/ml

response -2246167

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

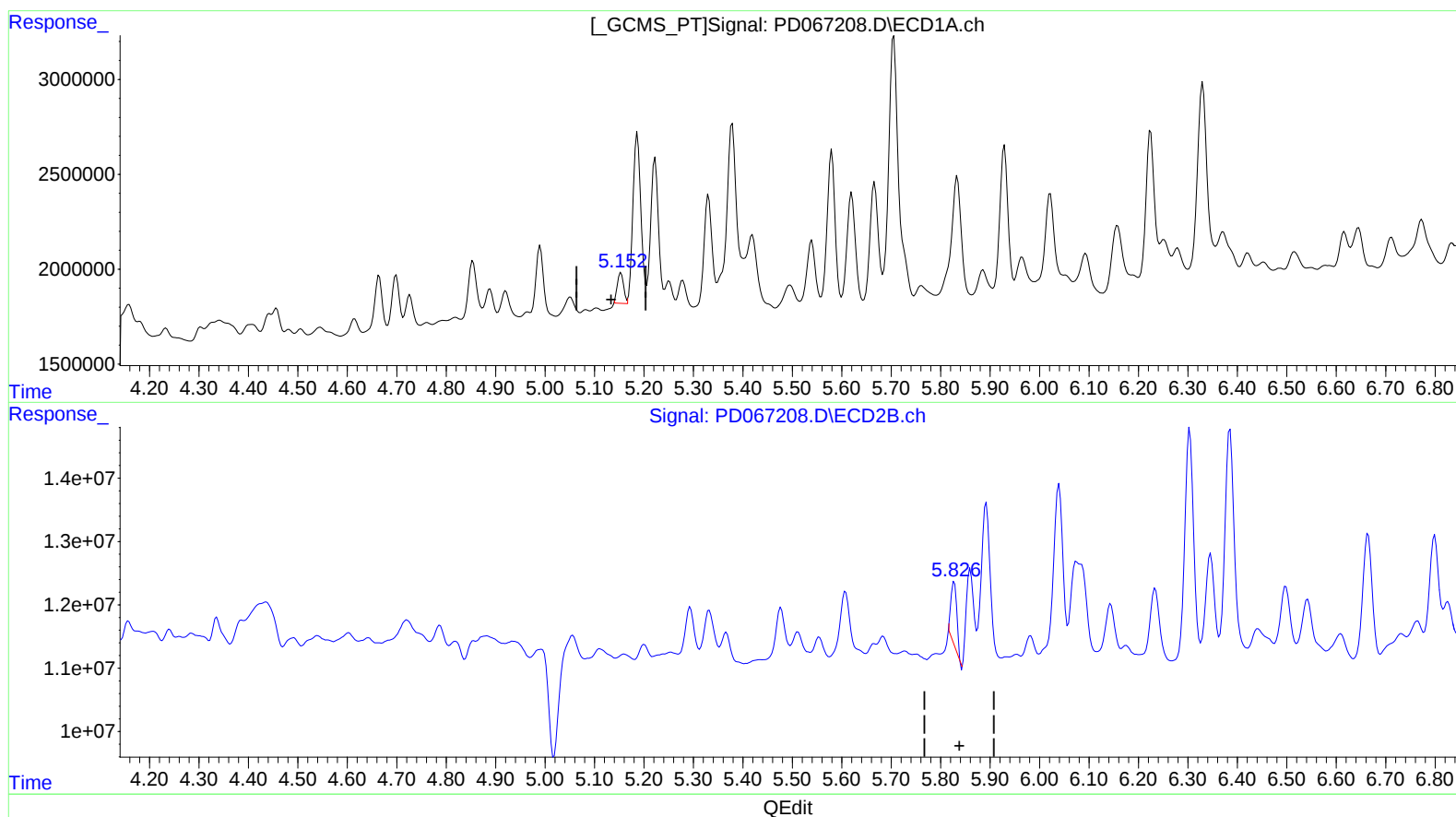
Instrument :
ECD_D
ClientSampleId :
ESQP0

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 02:11:16 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



(8) Heptachlor epoxide (B)

5.154min 0.521 ng/ml

response 1438461

(8) Heptachlor epoxide #2 (B)

5.828min 1.190 ng/ml

response 8340334

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 14:02
Operator : AR\AJ
Sample : M4833-23
Misc :
ALS Vial : 24 Sample Multiplier: 1

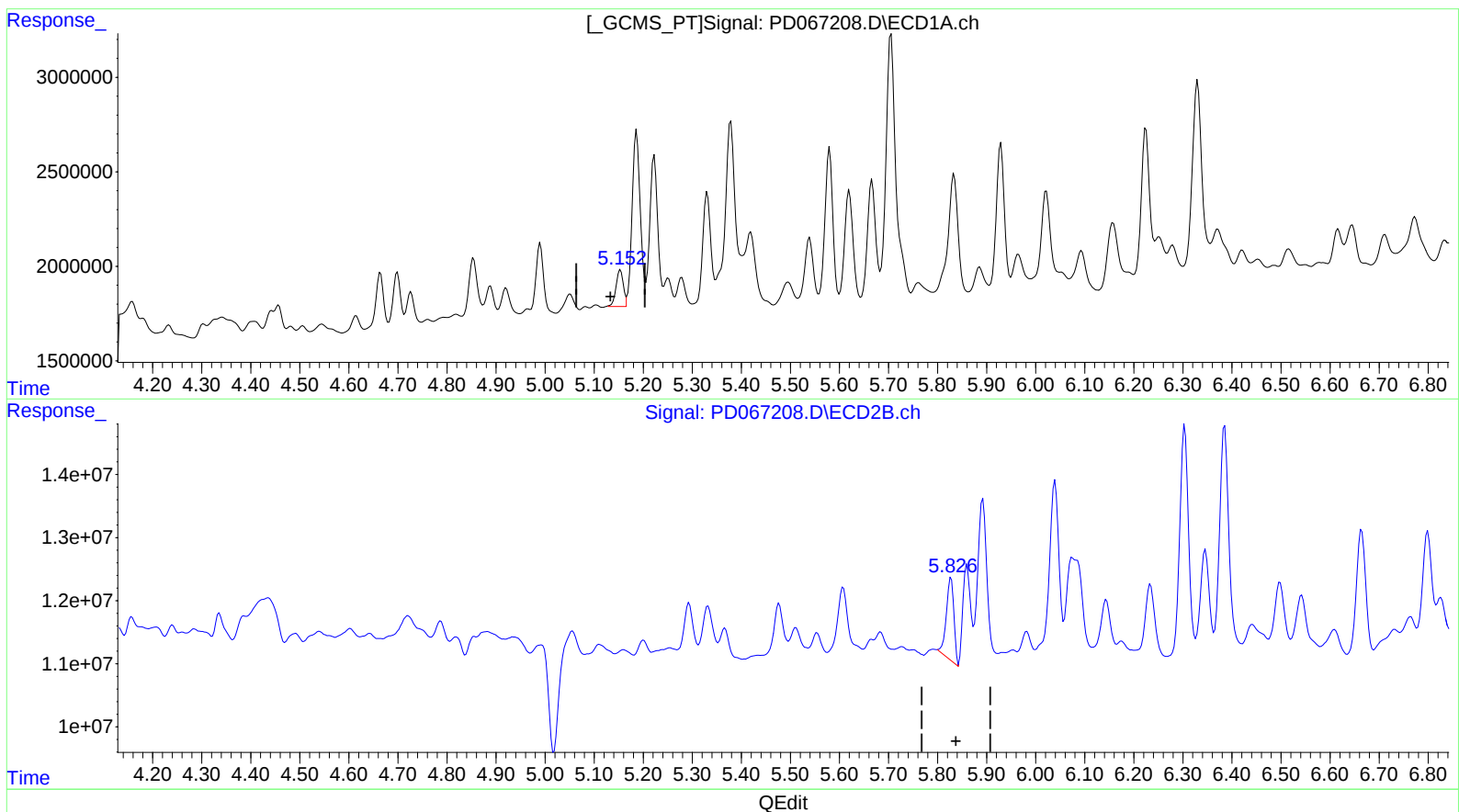
Instrument :
ECD_D
ClientSampleId :
ESQP0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
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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



(8) Heptachlor epoxide (B)

5.152min 0.777 ng/ml m

response 2145357

(8) Heptachlor epoxide #2 (B)

5.826min 2.015 ng/ml m

response 14123476

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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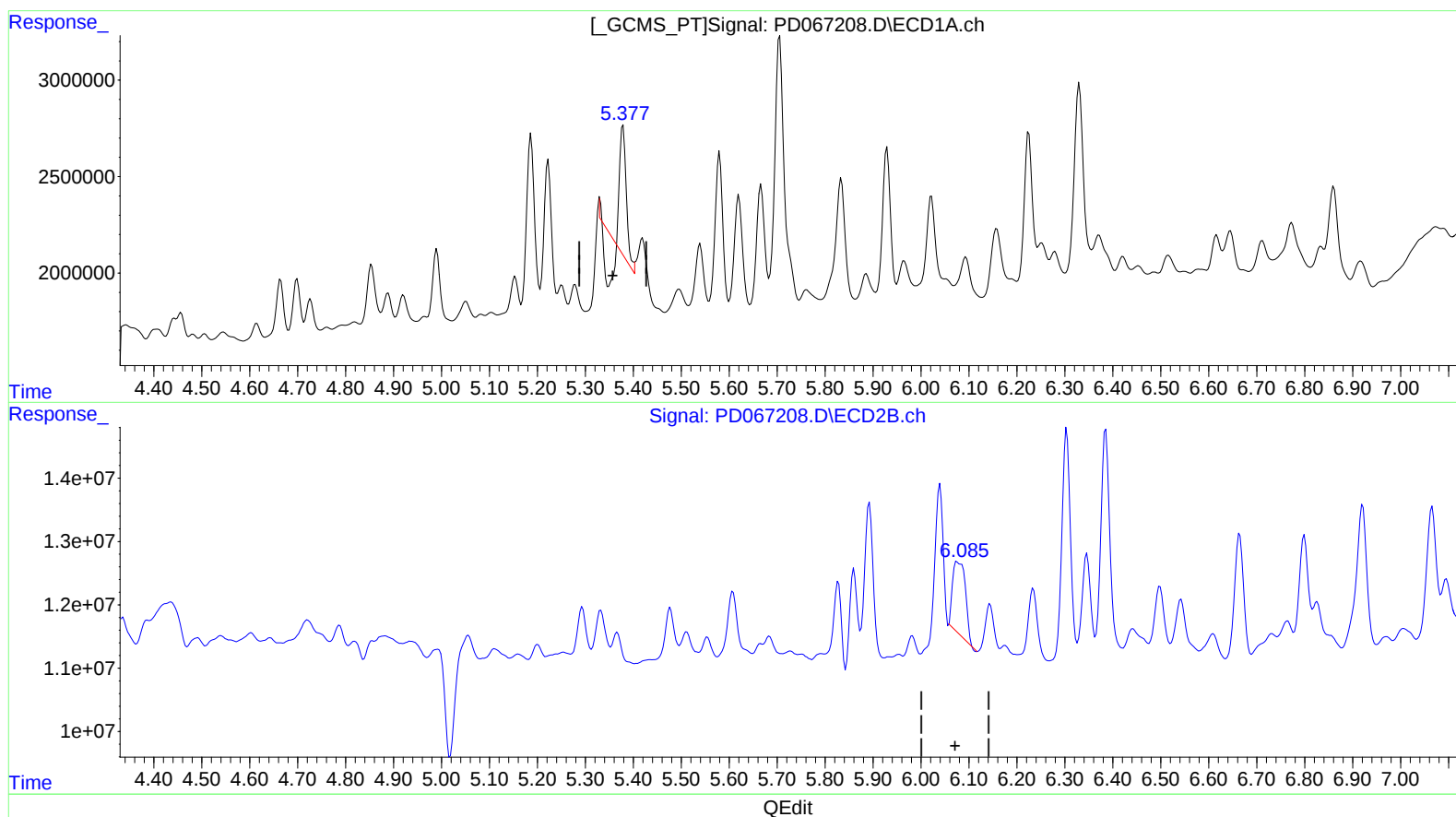
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Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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Integration File signal 1: autoint1.e
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Quant Time: Dec 07 02:11:16 2021
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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)

5.379min 1.249 ng/ml

response 3518453

(10) trans-Chlordane #2 (B)

6.075min 2.804 ng/ml

response 21279605

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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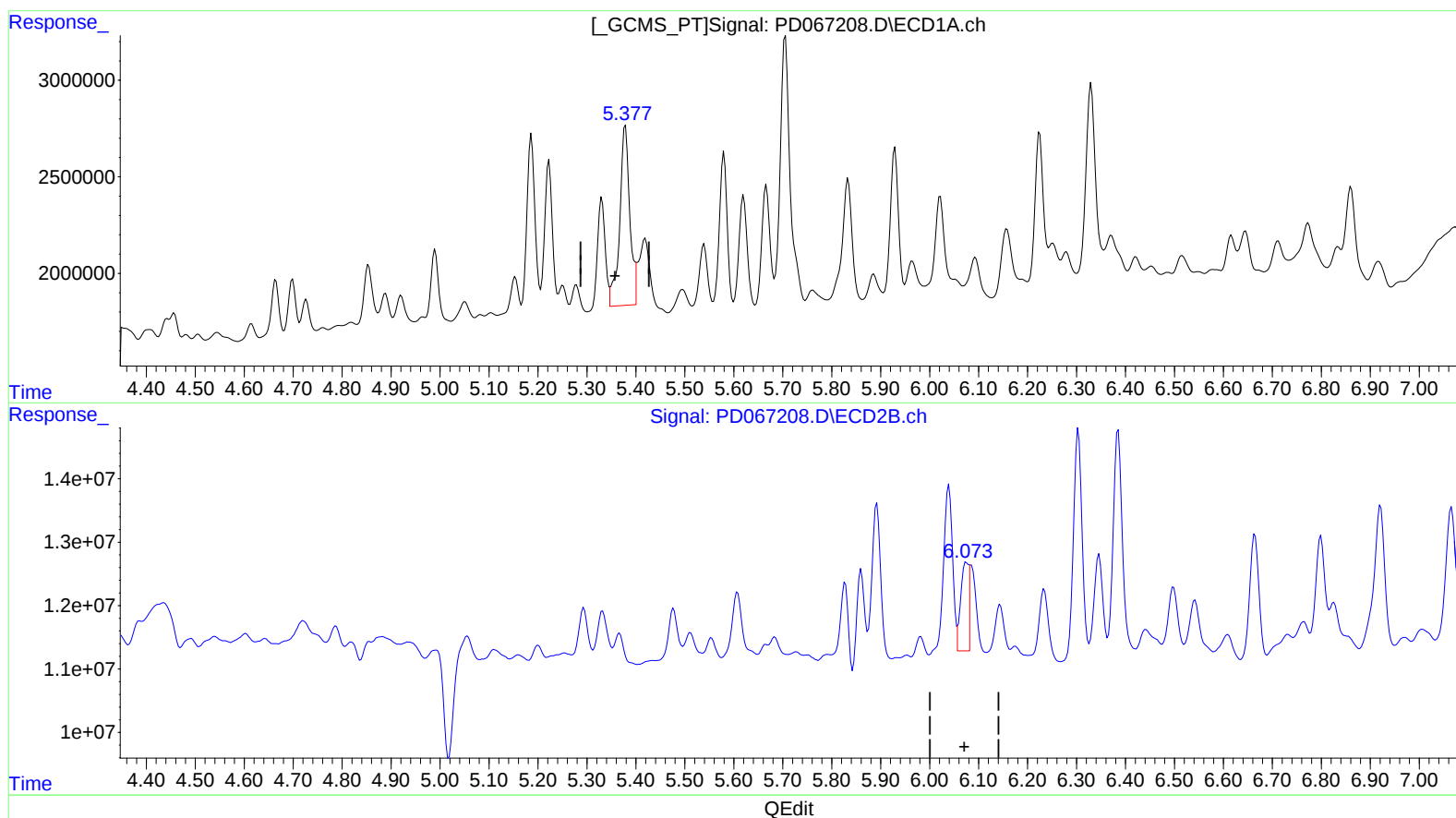
Instrument :
ECD_D
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ESQP0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/07/2021

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Response via : Initial Calibration
Integrator: ChemStation

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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)

5.377min 4.764 ng/ml m

response 13422625

(10) trans-Chlordane #2 (B)

6.073min 1.855 ng/ml m

response 14081314

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 Client Sampled :
 ESQP0

Manual Integrations APPROVED

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 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	22579426	81791705	10.341	10.209
27) SA Decachlor...	8.163	9.023	12695021	66372641	11.182	13.089
Target Compounds						
8) B Heptachlo...	5.152	5.826	2145357	14123476	0.777m	2.015m#
10) B trans-Chl...	5.377	6.073	13422625	14081314	4.764m	1.855m#
11) B cis-Chlor...	5.418	6.144	5301865	9890741	1.911m	1.337 #
12) B 4,4'-DDE	5.579	6.304	8458915	43577657	3.380m	6.503 #
14) MA Endrin	5.963	6.664	1608437	24840907	0.703m	4.282 #
16) A 4,4'-DDD	6.093	6.798	2116191	20139741	1.001	3.444m#
17) MA 4,4'-DDT	6.330	7.094	11221913	10225794	5.279	1.775m#

Handwritten signature and date: 12/12/21

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