

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
 Data File : PD067223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 11:03
 Operator : AR\AJ
 Sample : M4833-08DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

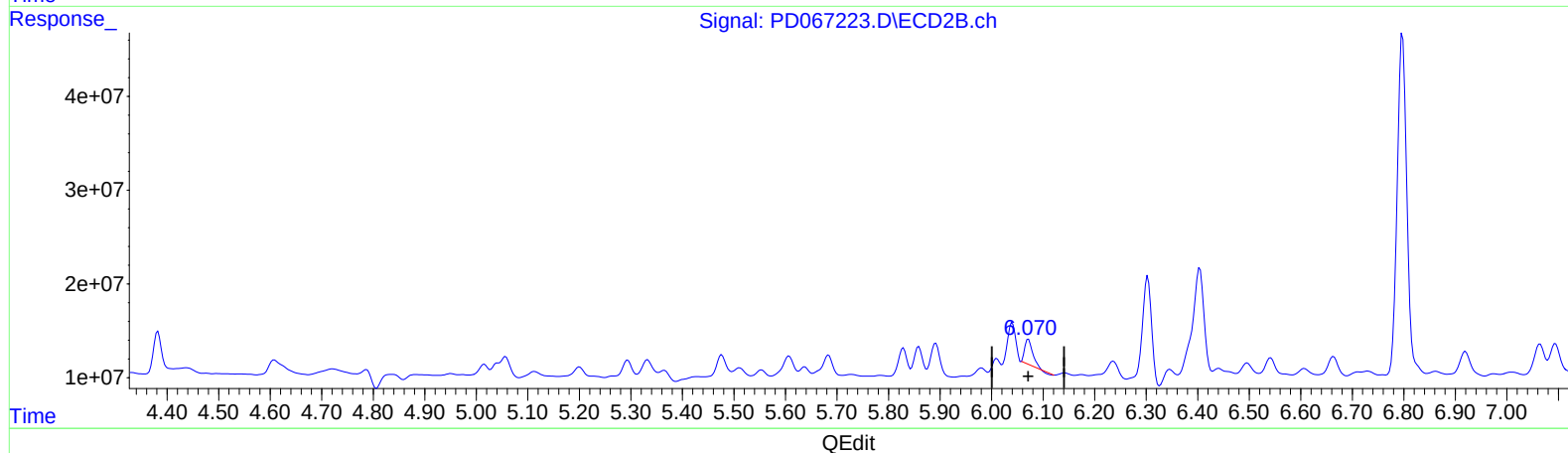
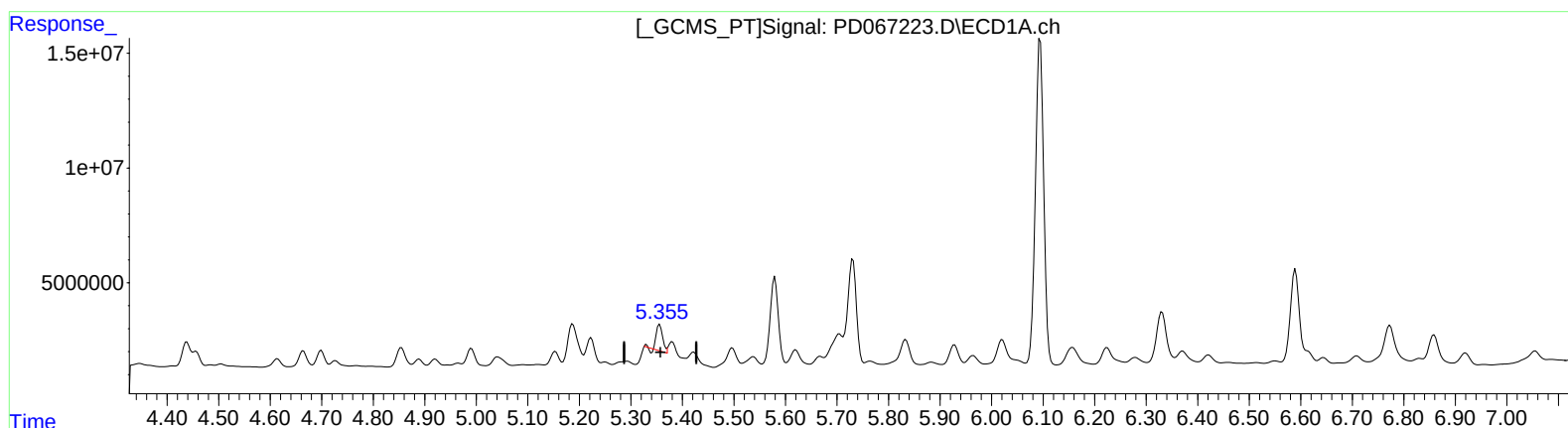
Instrument :
 ECD_D
 ClientSampleId :
 ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 03:41:24 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



(10) trans-Chlordane (B)

5.356min 3.384 ng/ml

response 9534727

(10) trans-Chlordane #2 (B)

6.071min 3.744 ng/ml

response 28418136

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
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Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ESQM8DL

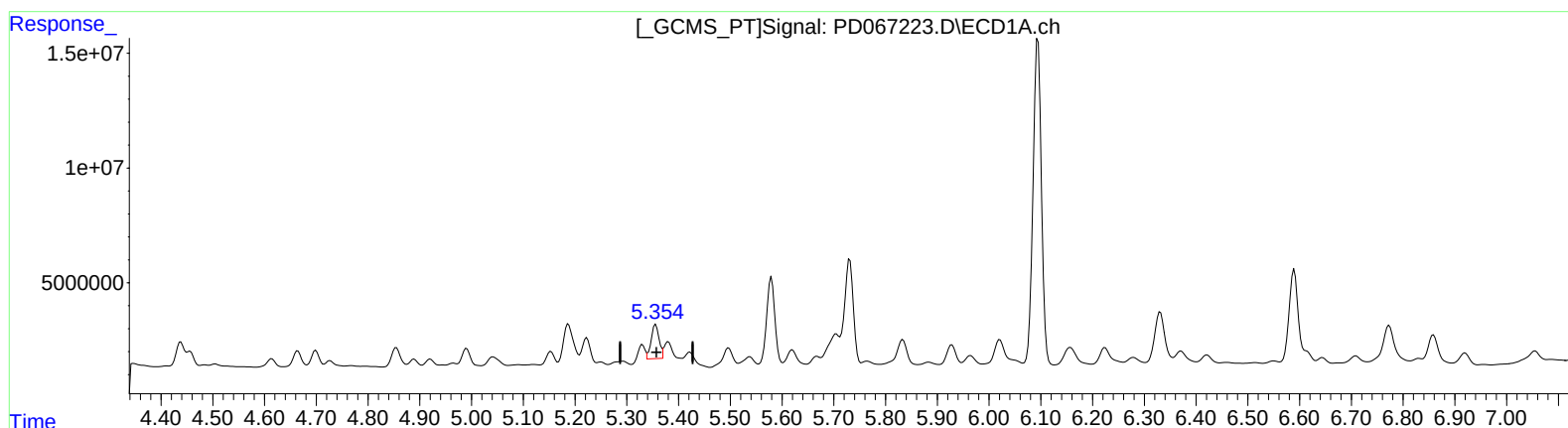
Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021

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
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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



(10) trans-Chlordane (B)

5.354min 5.748 ng/ml m

response 16195432

(10) trans-Chlordane #2 (B)

6.070min 7.002 ng/ml m

response 53145873

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 11:03
 Operator : AR\AJ
 Sample : M4833-08DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

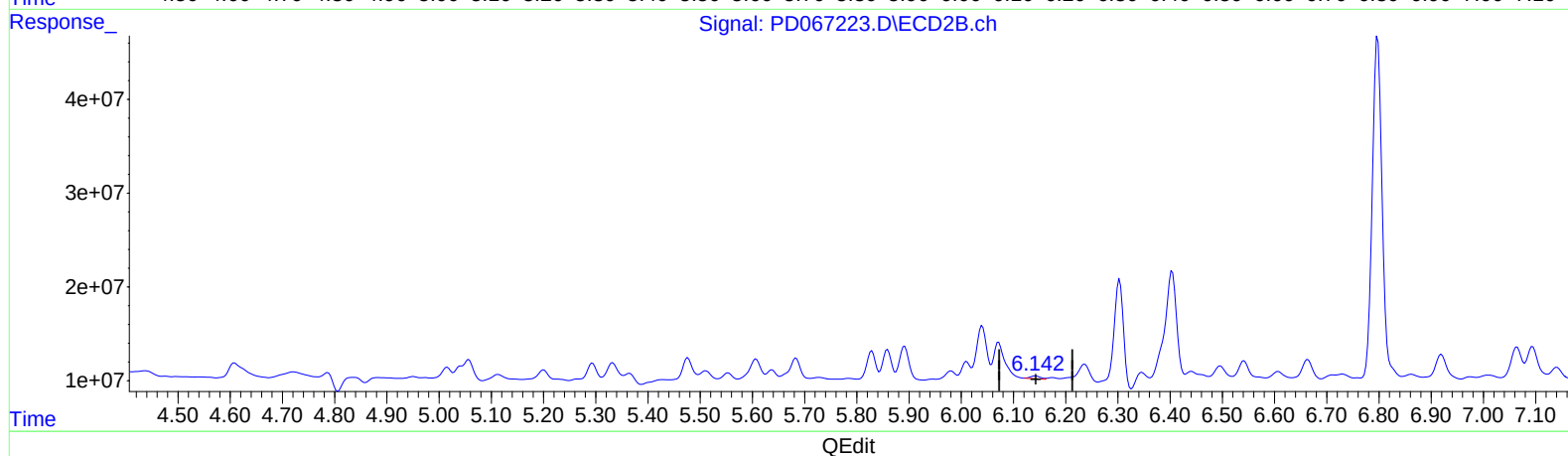
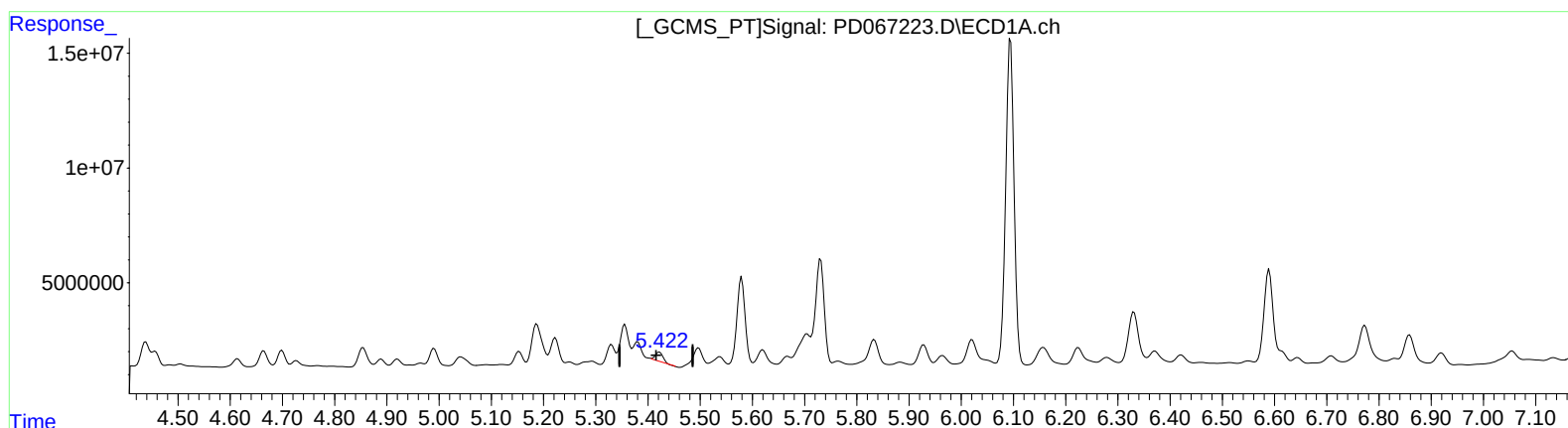
Instrument :
 ECD_D
 ClientSampleId :
 ESQM8DL

Manual IntegrationsAPPROVED

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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



(11) cis-Chlordane (B)

5.422min 1.274 ng/ml

response 3535404

(11) cis-Chlordane #2 (B)

6.142min 0.539 ng/ml

response 3985770

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
Data File : PD067223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

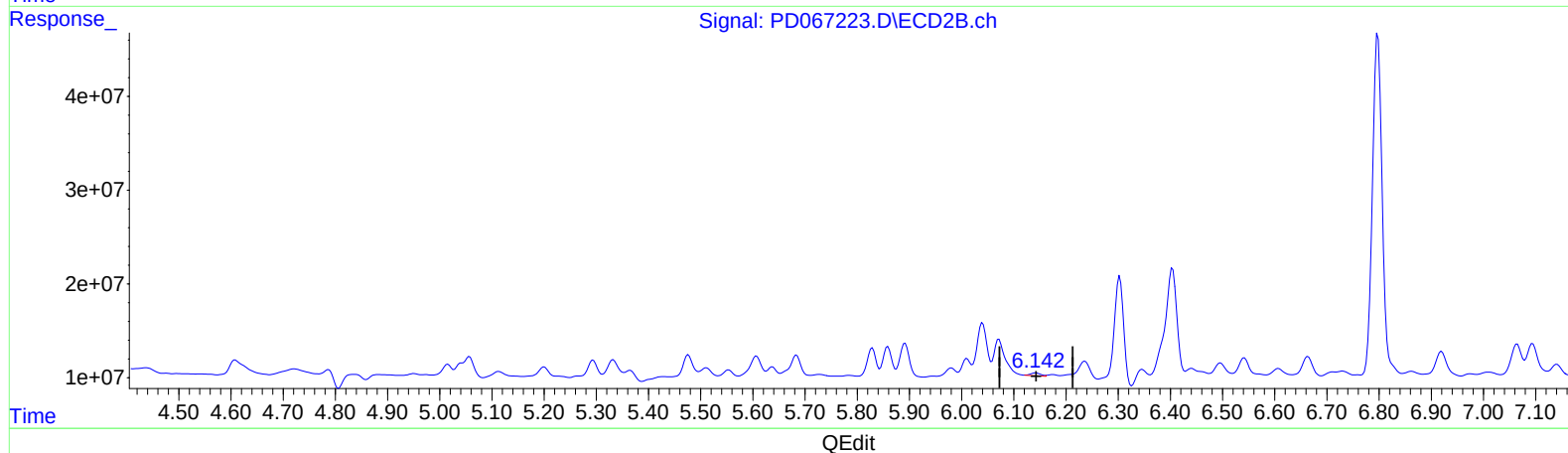
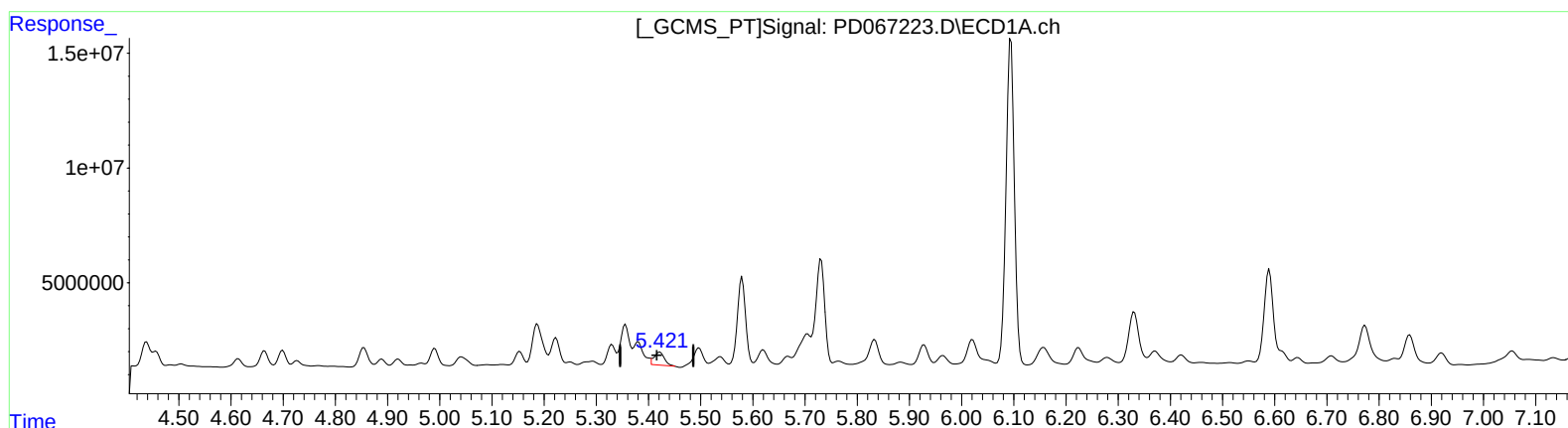
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
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Integration File signal 1: autoint1.e
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Quant Time: Dec 04 03:41:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
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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



(11) cis-Chlordane (B)
5.421min 2.747 ng/ml m
response 7623879

(11) cis-Chlordane #2 (B)
6.142min 0.539 ng/ml
response 3985770

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
Data File : PD067223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

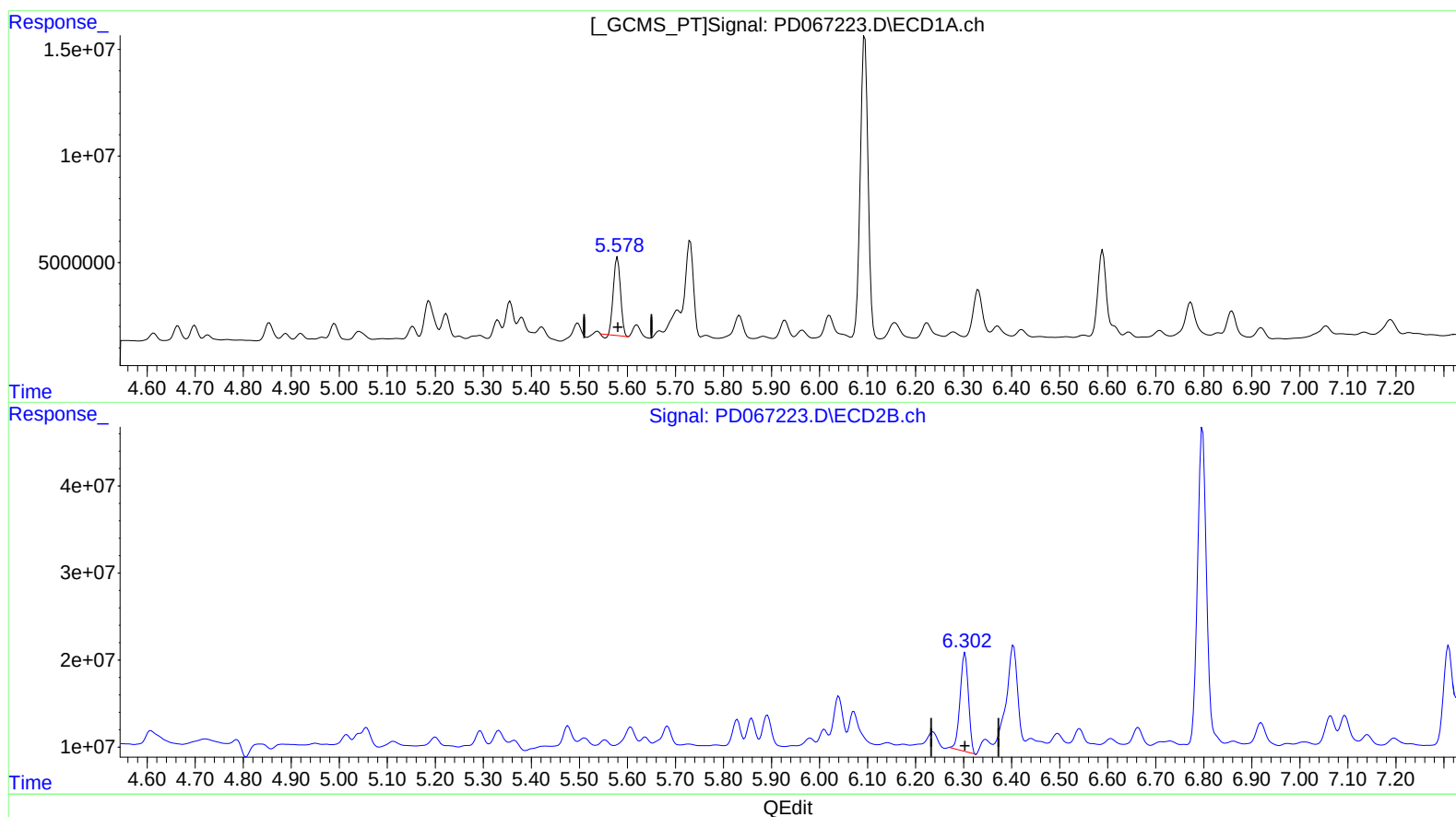
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
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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



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

5.579min 14.987 ng/ml

response 37507154

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

6.303min 20.406 ng/ml

response 136736736

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
 Data File : PD067223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 11:03
 Operator : AR\AJ
 Sample : M4833-08DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ESQM8DL

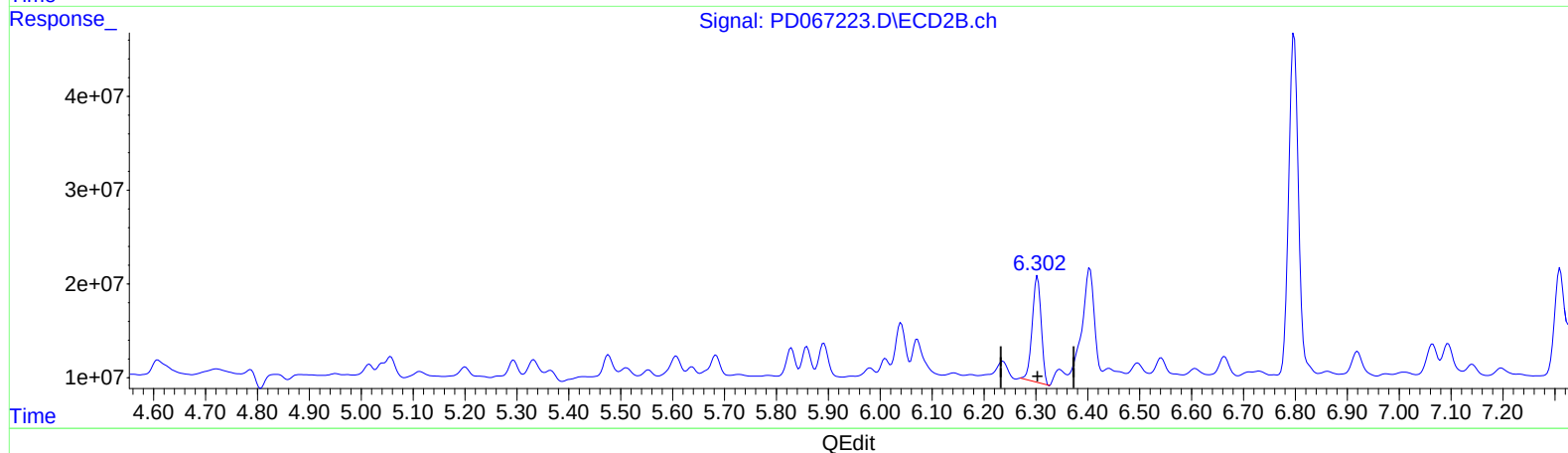
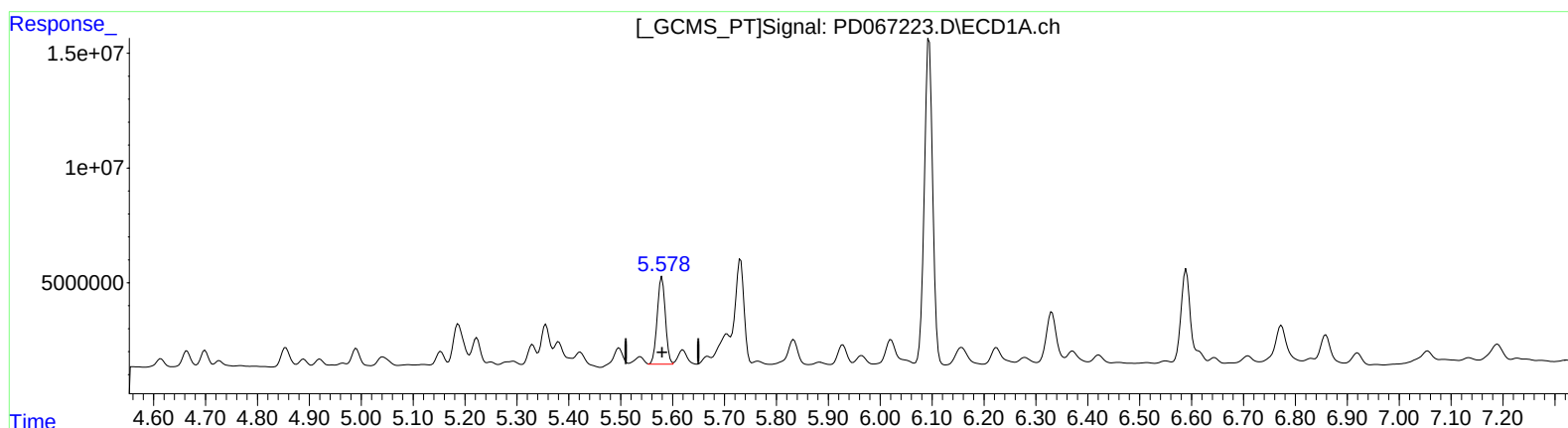
Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021

Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Title : GC Extractables
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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



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

5.578min 16.491 ng/ml m

response 41270802

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

6.303min 20.406 ng/ml

response 136736736

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
Data File : PD067223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

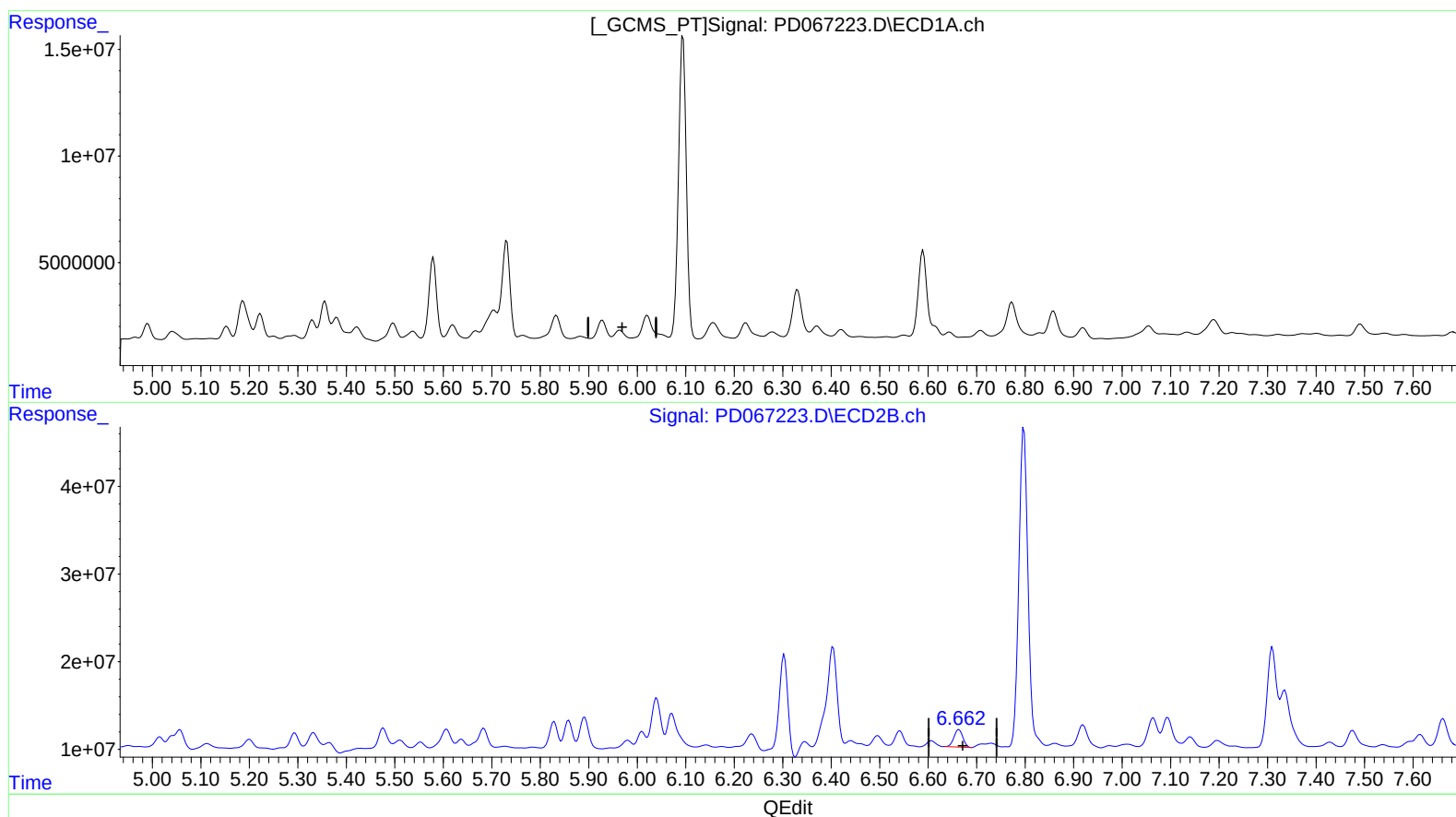
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 03:41:24 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



(14) Endrin (MA)

5.964min -1.028 ng/ml

response -2350396

(14) Endrin #2 (MA)

6.664min 4.409 ng/ml

response 25579391

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
Data File : PD067223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

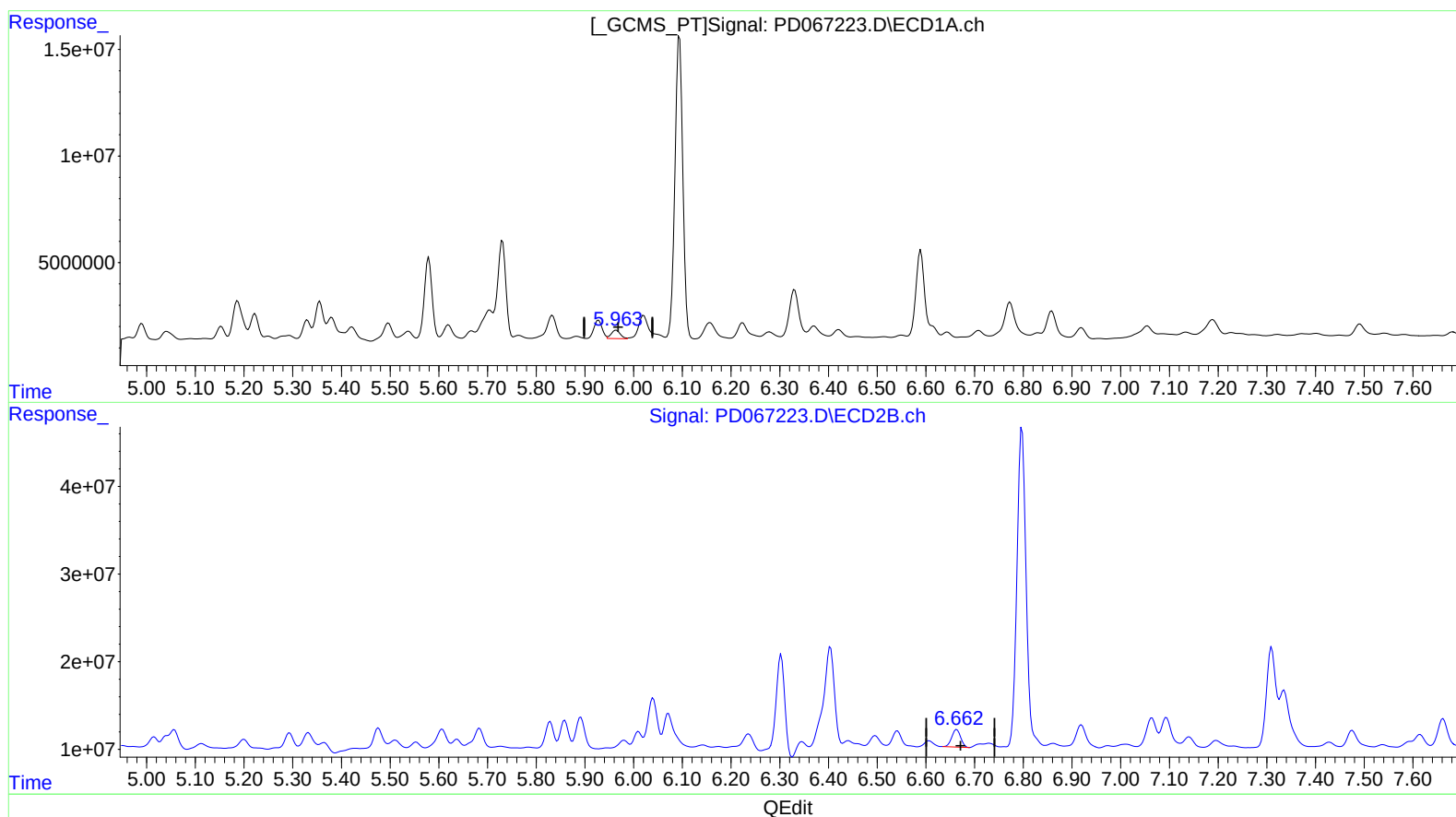
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 03:41:24 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



(14) Endrin (MA)

5.963min 2.220 ng/ml m
response 5076933

(14) Endrin #2 (MA)

6.664min 4.409 ng/ml
response 25579391

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
Data File : PD067223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

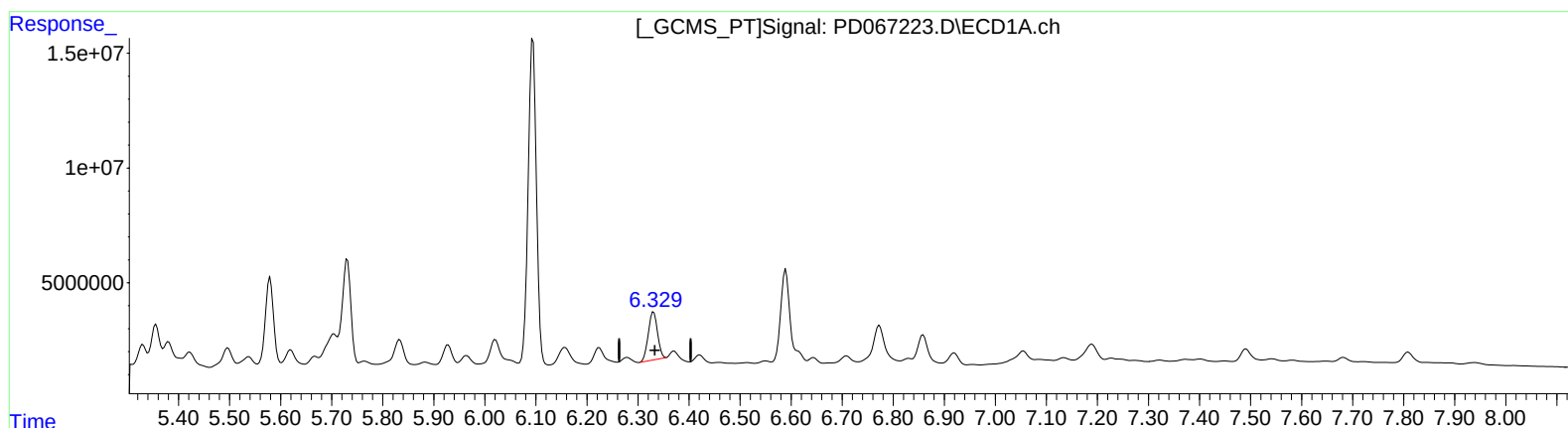
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
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Quant Time: Dec 04 03:41:24 2021
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Quant Title : GC Extractables
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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



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

6.331min 12.339 ng/ml

response 26230155

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

7.094min 2.118 ng/ml

response 12206932

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
 Data File : PD067223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 11:03
 Operator : AR\AJ
 Sample : M4833-08DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

ESQM8DL

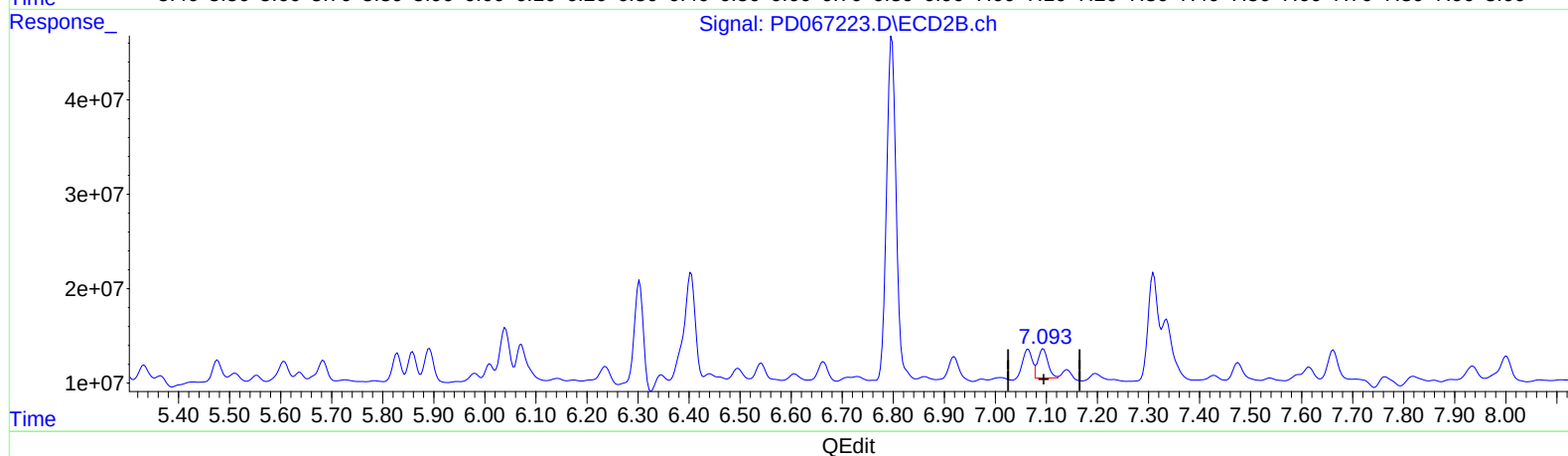
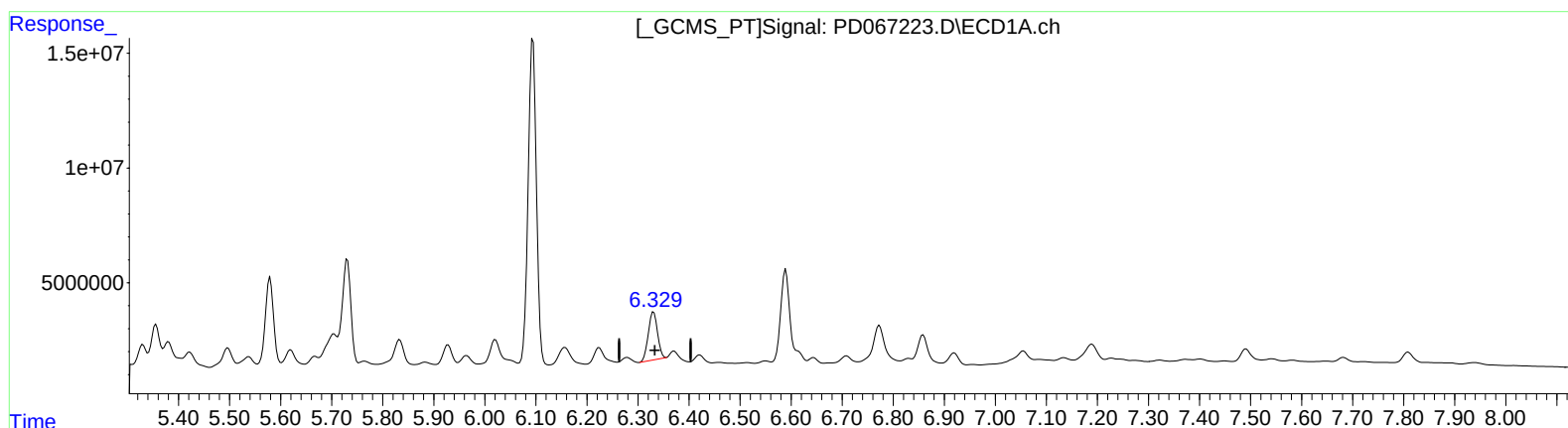
Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021

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



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

6.331min 12.339 ng/ml

response 26230155

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

7.093min 7.261 ng/ml m

response 41839073

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
 Data File : PD067223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 11:03
 Operator : AR\AJ
 Sample : M4833-08DL 4X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

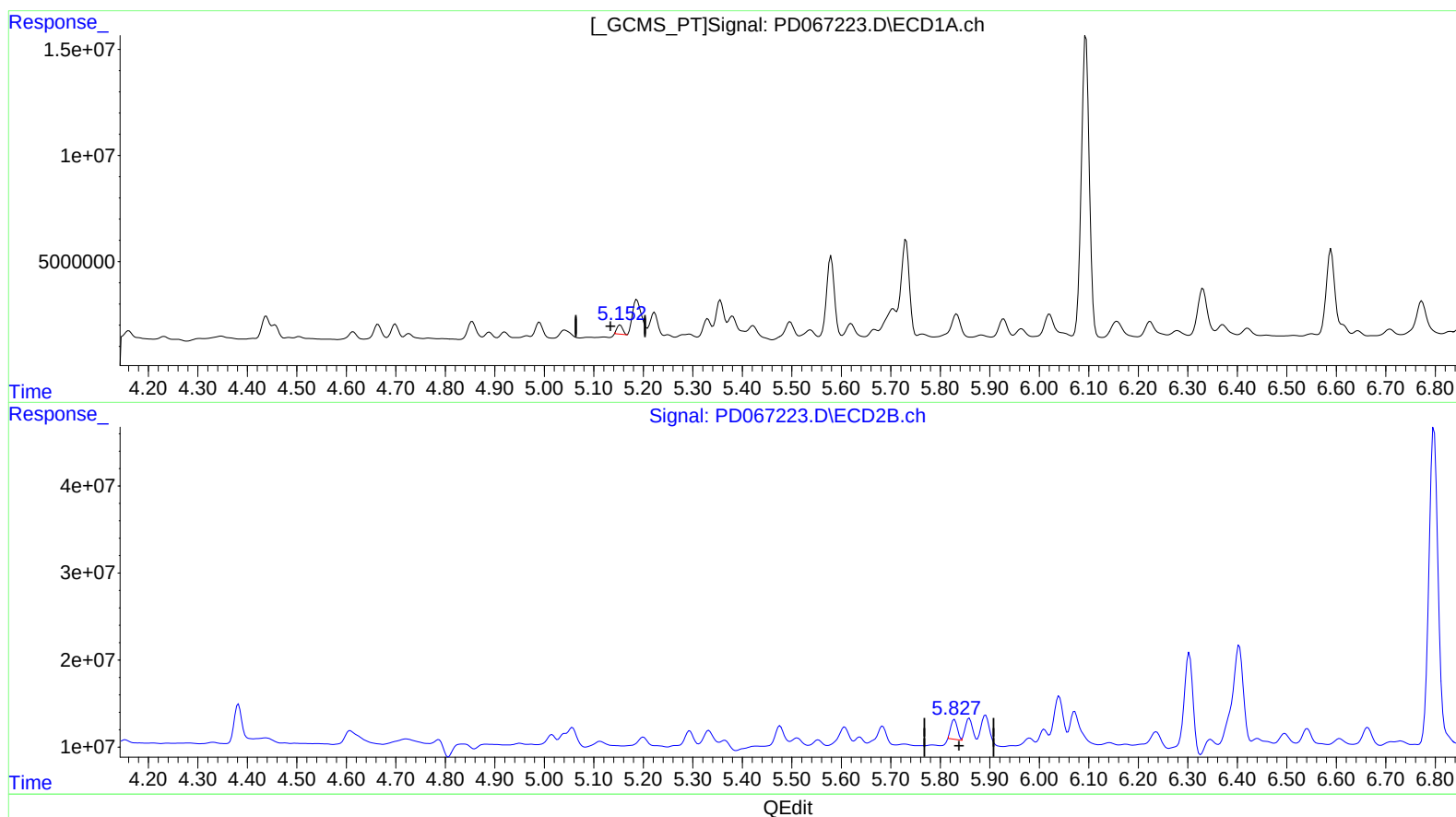
Instrument :
 ECD_D
 ClientSampleId :
 ESQM8DL

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/06/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 03:25:03 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)

5.153min 1.253 ng/ml

response 3460413

(8) Heptachlor epoxide #2 (B)

5.829min 2.963 ng/ml

response 20765186

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
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Operator : AR\AJ
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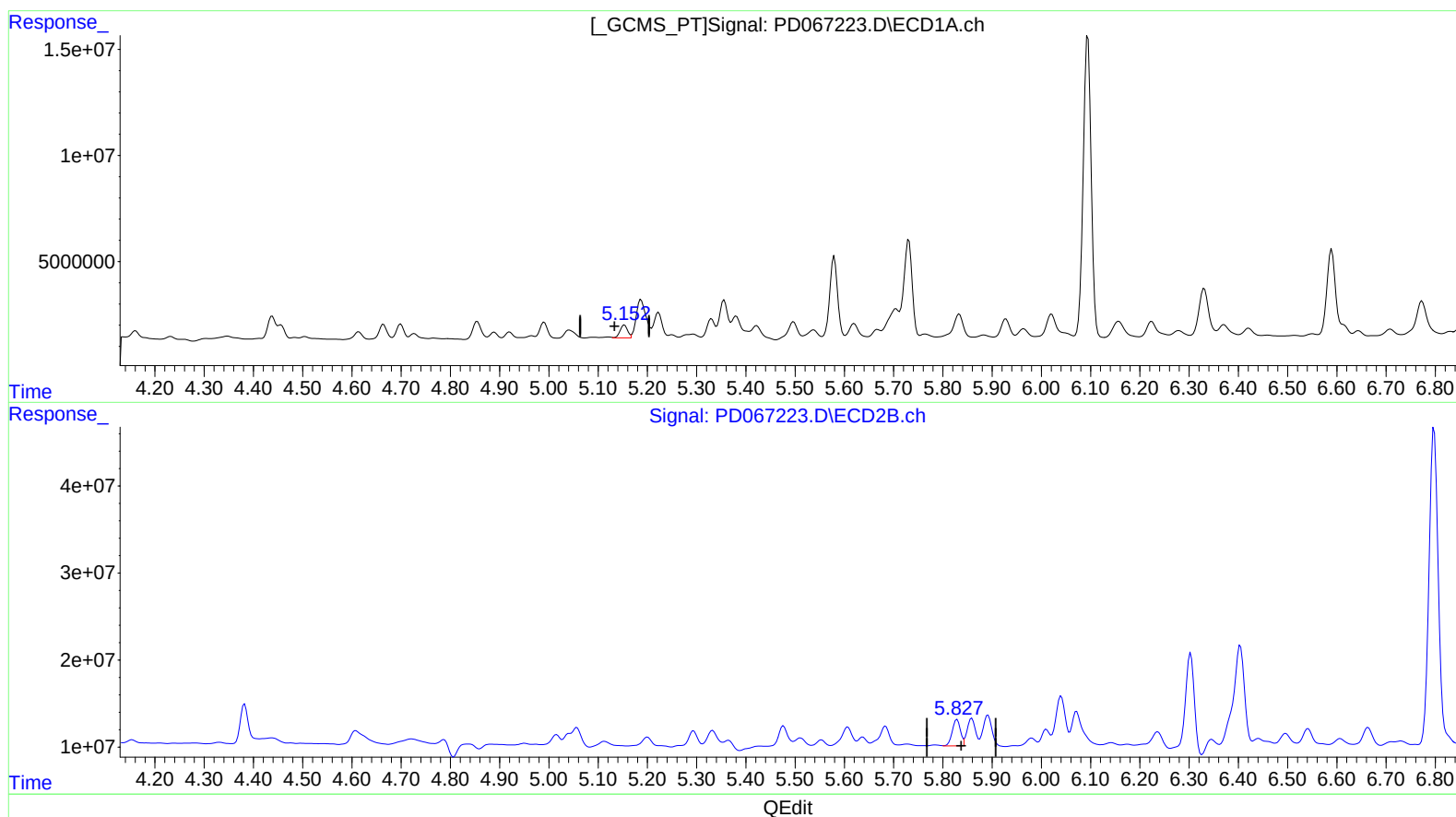
Instrument :
ECD_D
ClientSampleId :
ESQM8DL

Manual IntegrationsAPPROVED

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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



(8) Heptachlor epoxide (B)

5.152min 2.345 ng/ml m

response 6476181

(8) Heptachlor epoxide #2 (B)

5.827min 5.133 ng/ml m

response 35974691

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120421\
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Acq On : 03 Dec 2021 11:03
Operator : AR\AJ
Sample : M4833-08DL 4X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
Client Sampled :
ESQM8DL

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 12/06/2021
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Integration File signal 1: autoint1.e
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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...	3.436	3.966	8992160	38627524	4.118	4.821
27) SA Decachlor...	8.161	9.022	8817820	48128746	7.767	9.491
Target Compounds						
8) B Heptachlo...	5.152	5.827	6476181	35974691	2.345m	5.133m#
10) B trans-Chl...	5.354	6.070	16195432	53145873	5.748m	7.002m
12) B 4,4'-DDE	5.578	6.303	41270802	136.7E6	16.491m	20.406
14) MA Endrin	5.963	6.664	5076933	25579391	2.220m	4.409 #
15) B Endosulfa...	6.224	6.862	8318261	7181896	3.705	1.183 #
16) A 4,4'-DDD	6.094	6.797	159.0E6	477.5E6	75.215	81.659
17) MA 4,4'-DDT	6.331	7.093	26230155	41839073	12.339	7.261m#

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