

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:07
Operator : AR\AJ
Sample : M4833-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN6

Manual IntegrationsAPPROVED

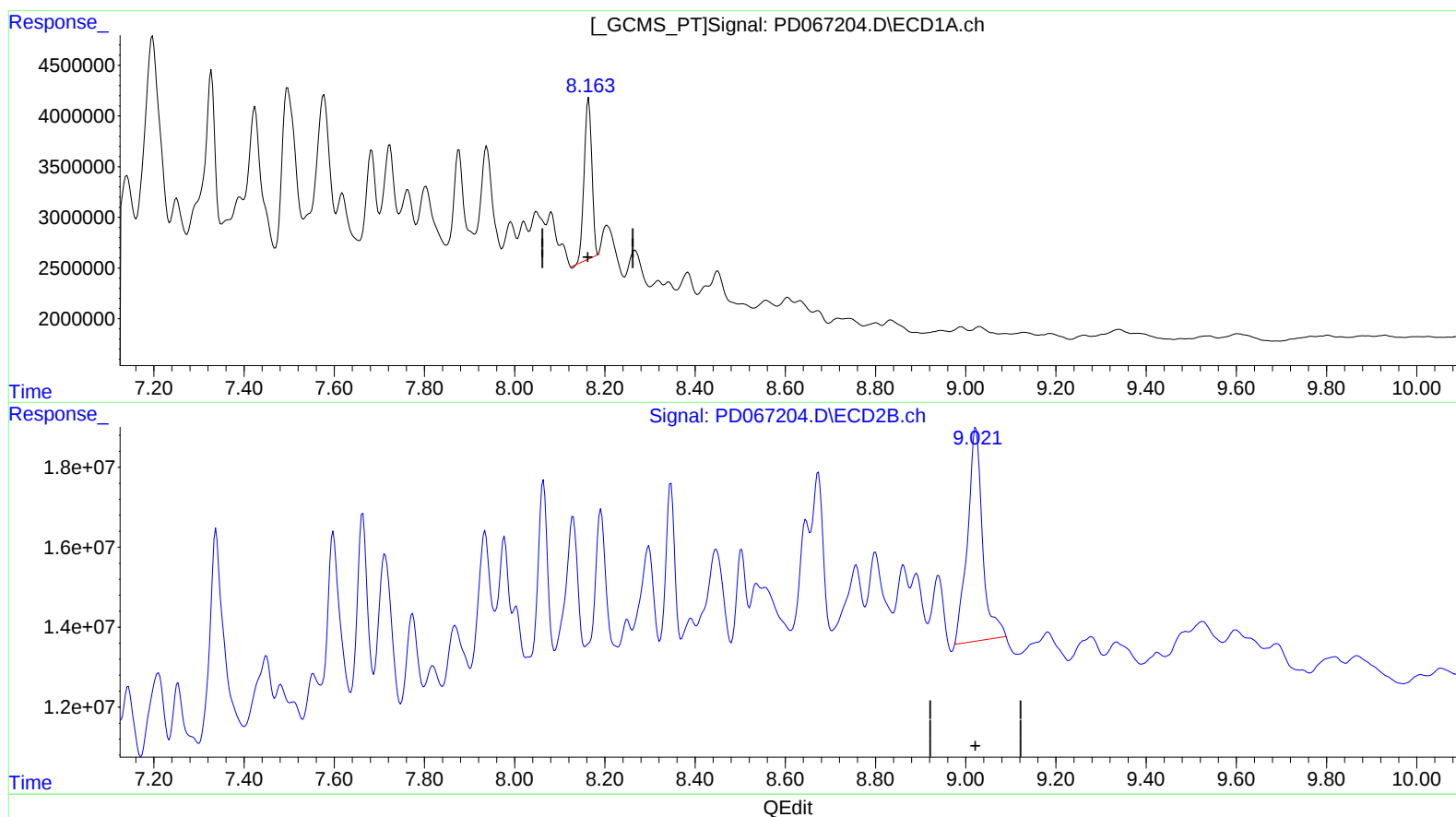
Reviewed By :Abdul
Mirza

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 01:40:21 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(27) Decachlorobiphenyl (SA)

8.164min 16.458 ng/ml

response 18685861

(27) Decachlorobiphenyl #2 (SA)

9.023min 24.534 ng/ml

response 124406356

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Manual IntegrationsAPPROVED

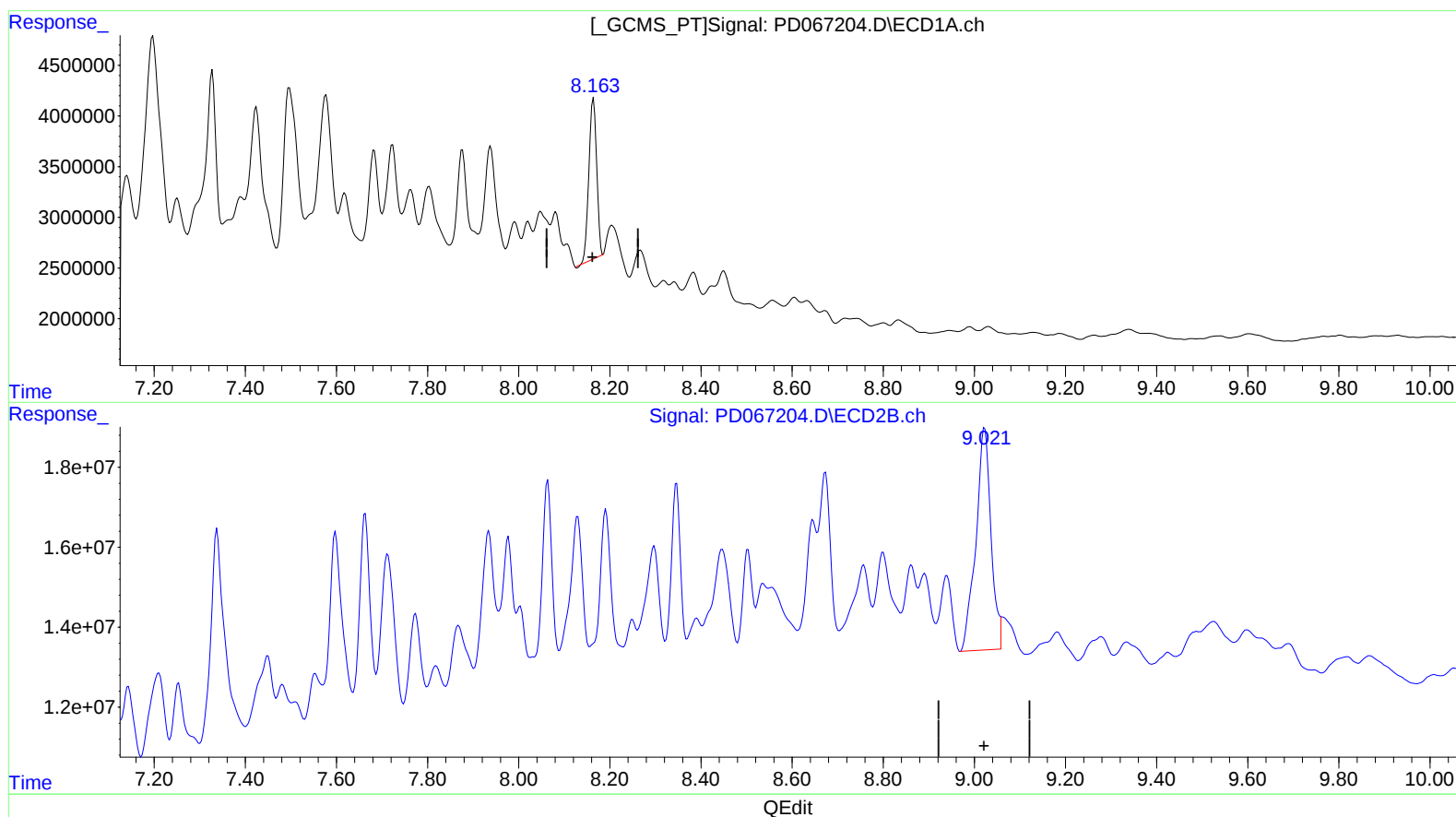
Reviewed By :Abdul
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12/07/2021

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(27) Decachlorobiphenyl (SA)

8.164min 16.458 ng/ml

response 18685861

(27) Decachlorobiphenyl #2 (SA)

9.021min 25.388 ng/ml m

response 128739801

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Manual IntegrationsAPPROVED

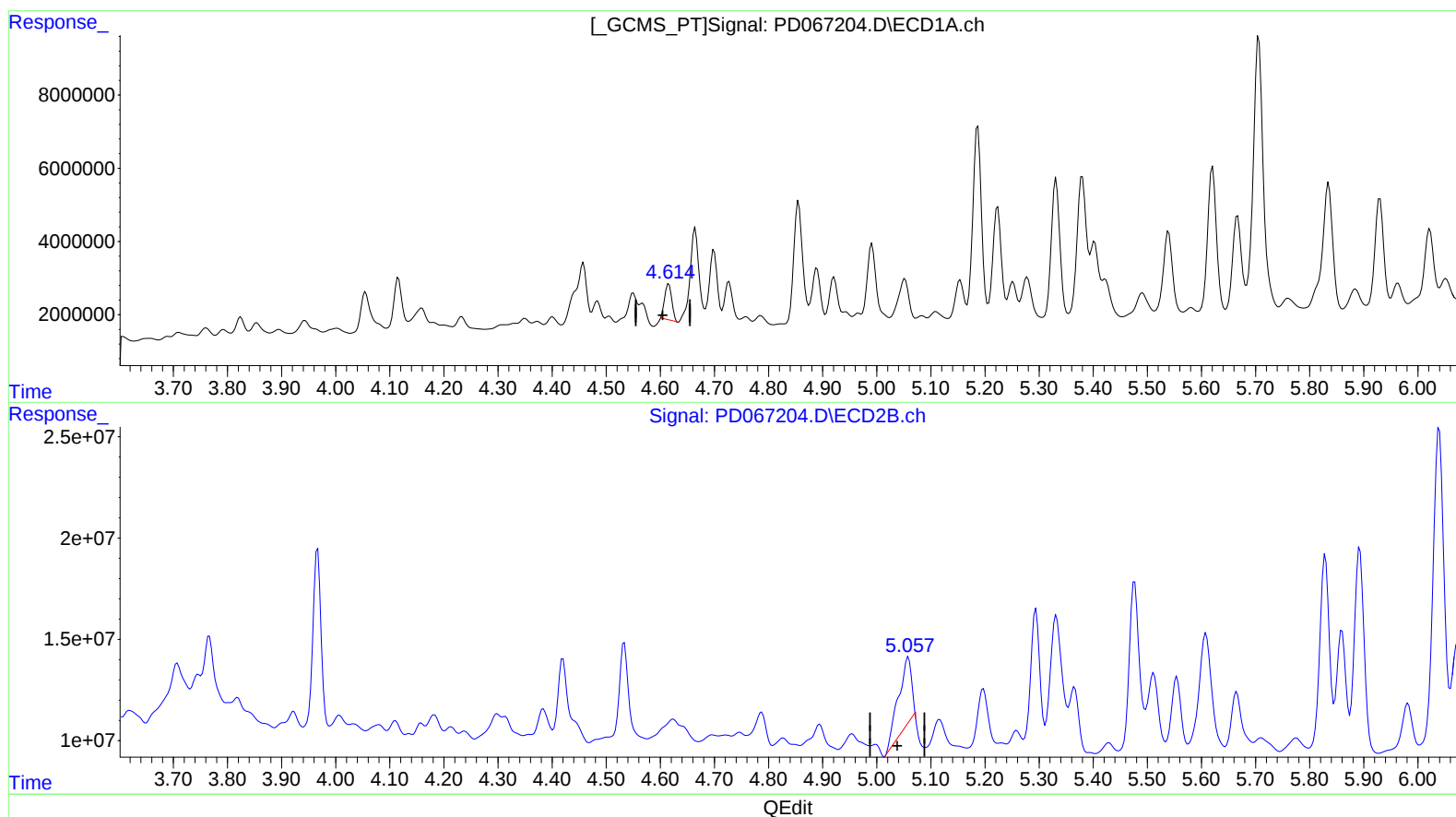
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(7) delta-BHC (B)

4.616min 3.140 ng/ml

response 8982003

(7) delta-BHC #2 (B)

5.058min 6.289 ng/ml

response 55670283

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
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Manual IntegrationsAPPROVED

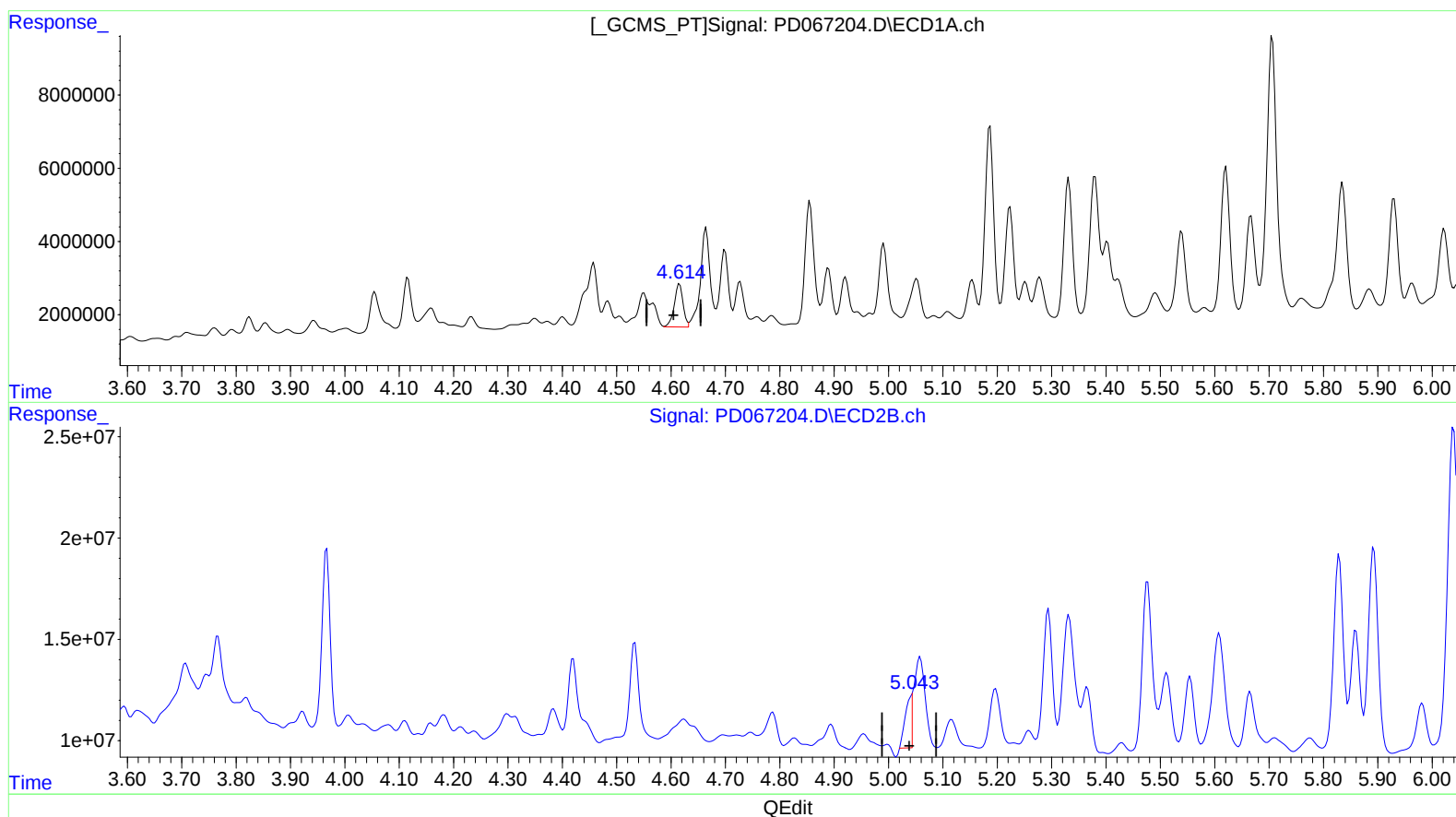
Reviewed By :Abdul
Mirza

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Supervised By :mohammad
ahmed

12/07/2021

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(7) delta-BHC (B)

4.614min 4.651 ng/ml m
response 13304156

(7) delta-BHC #2 (B)

5.043min 3.125 ng/ml m
response 27660062

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Manual IntegrationsAPPROVED

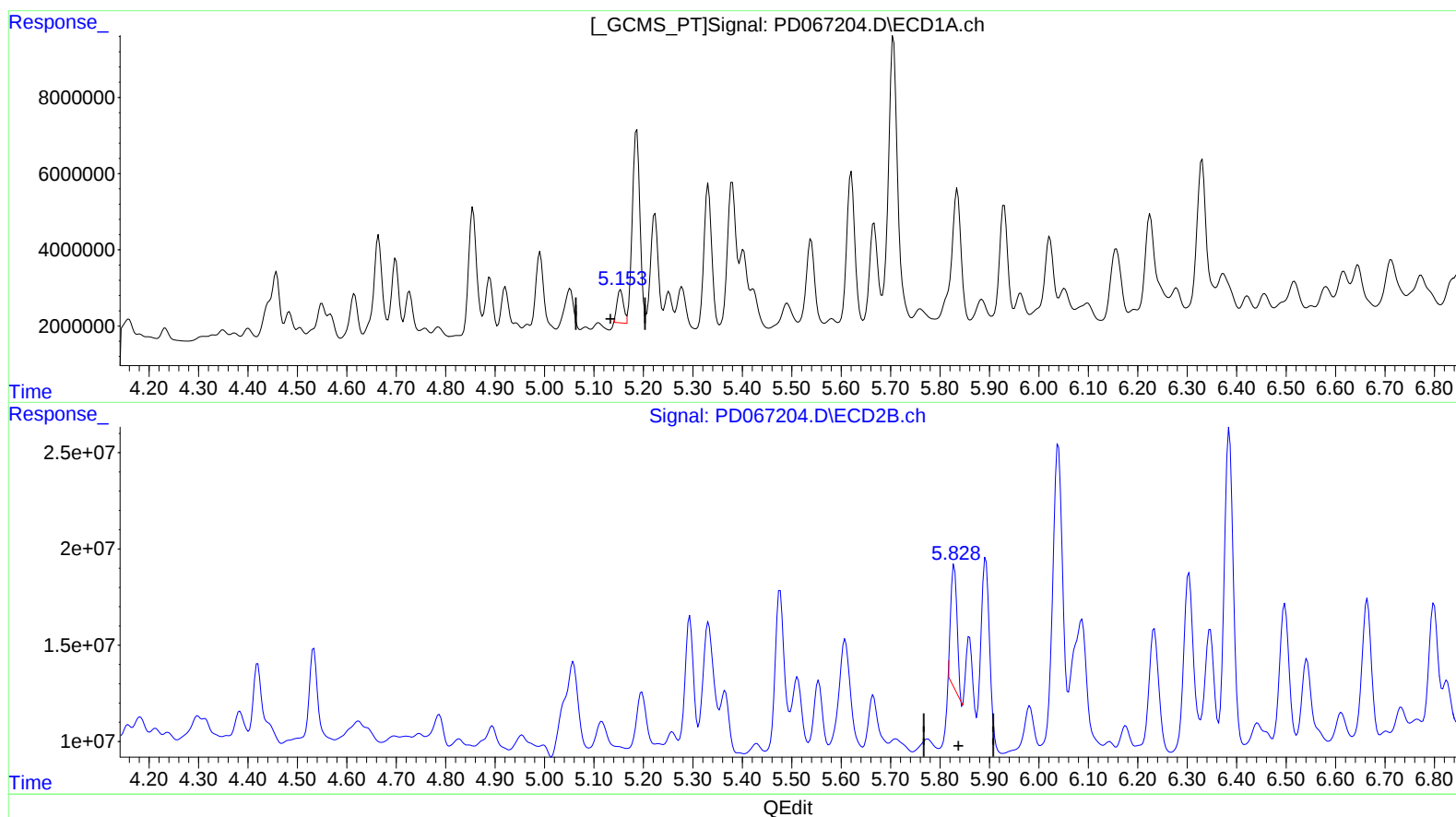
Reviewed By :Abdul
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Supervised By :mohammad
ahmed

12/07/2021

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(8) Heptachlor epoxide (B)

5.154min 2.857 ng/ml

response 7889327

(8) Heptachlor epoxide #2 (B)

5.829min 7.960 ng/ml

response 55788740

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ALS Vial : 20 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

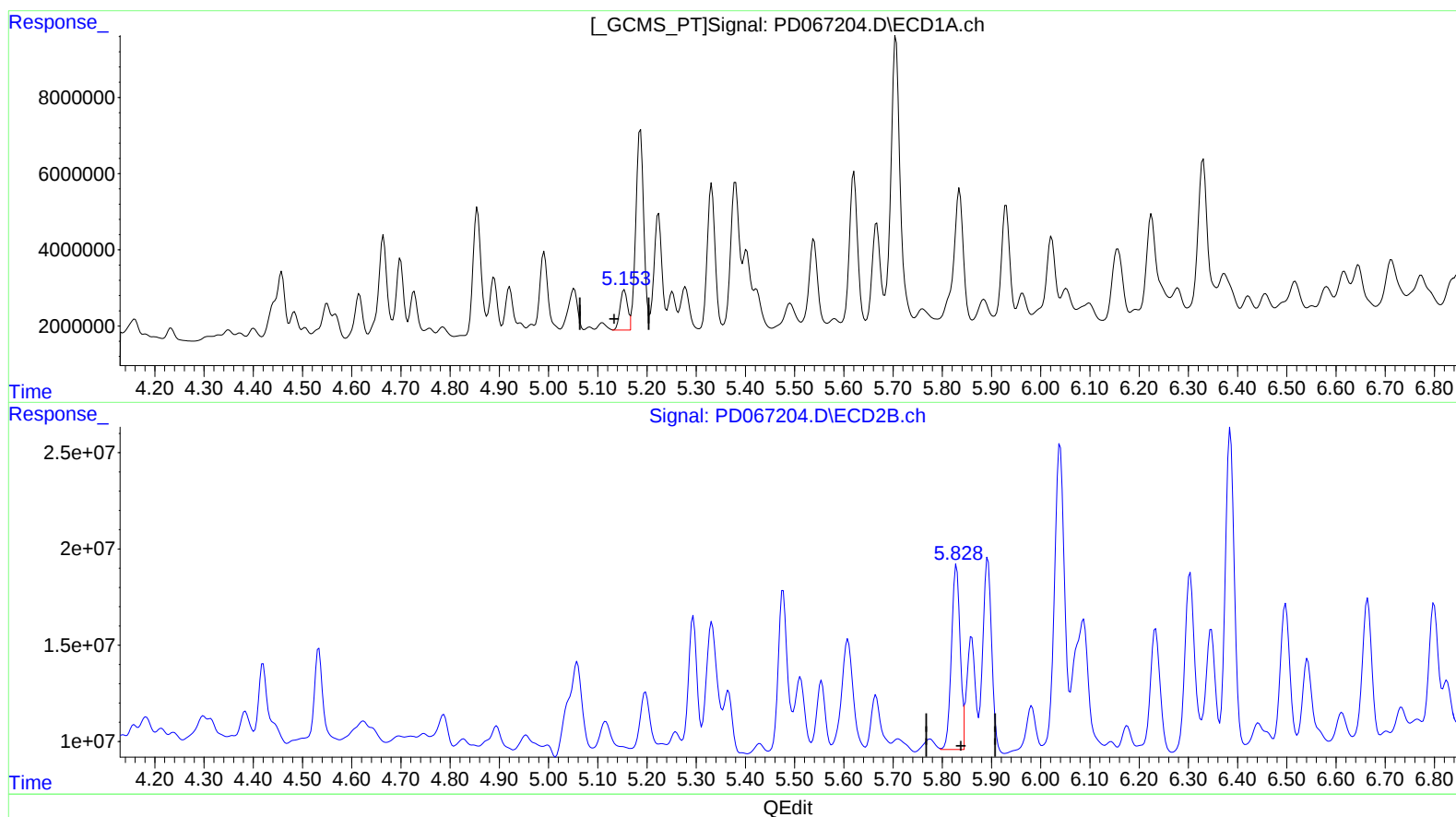
Reviewed By :Abdul
Mirza

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ahmed

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(8) Heptachlor epoxide (B)

5.153min 3.902 ng/ml m

response 10775034

(8) Heptachlor epoxide #2 (B)

5.828min 17.076 ng/ml m

response 119682364

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

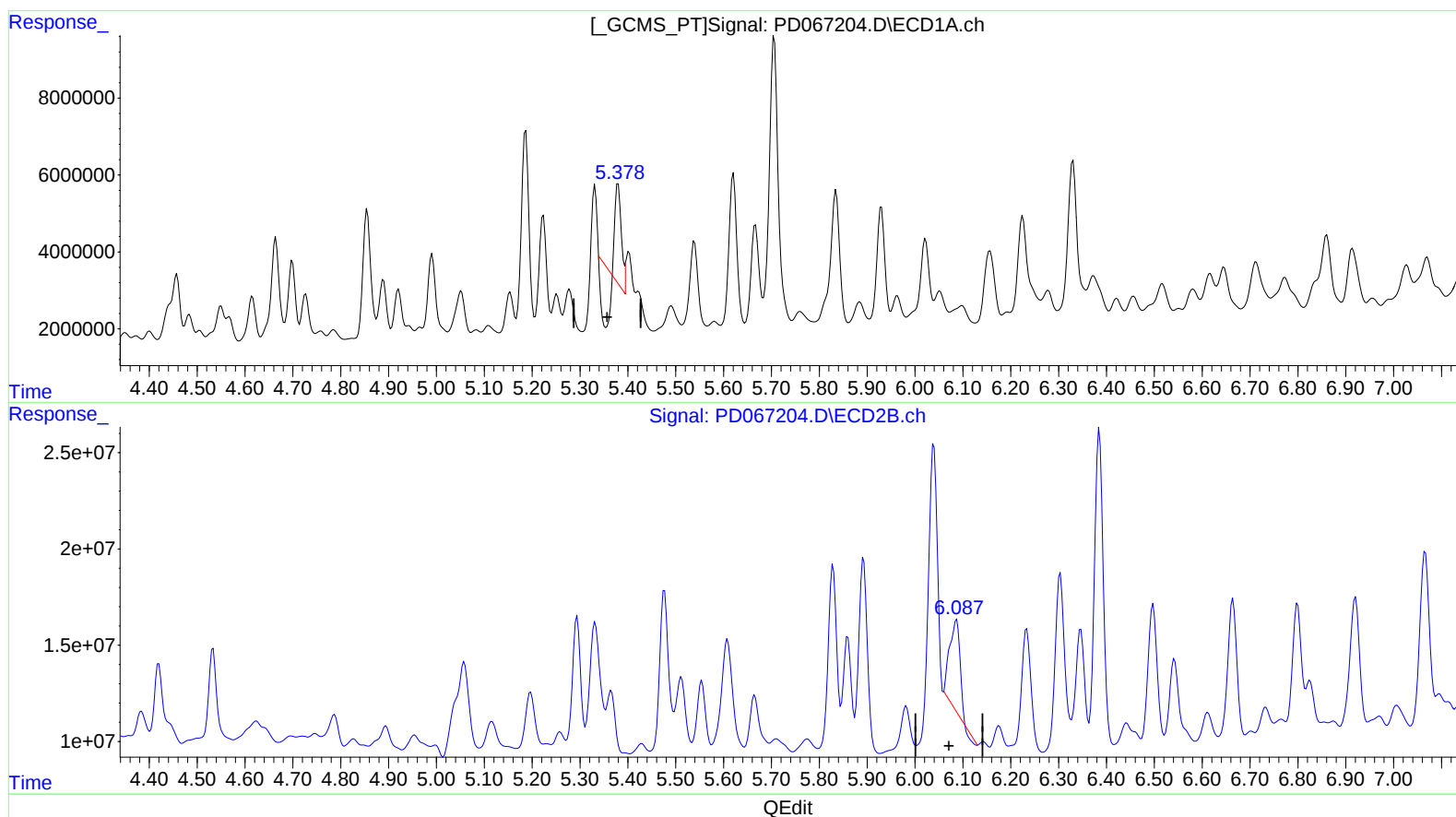
Reviewed By :Abdul
Mirza

12/03/2021
Supervised By :mohammad
ahmed

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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 3.774 ng/ml

response 10633282

(10) trans-Chlordane #2 (B)

6.087min 9.109 ng/ml

response 69133672

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

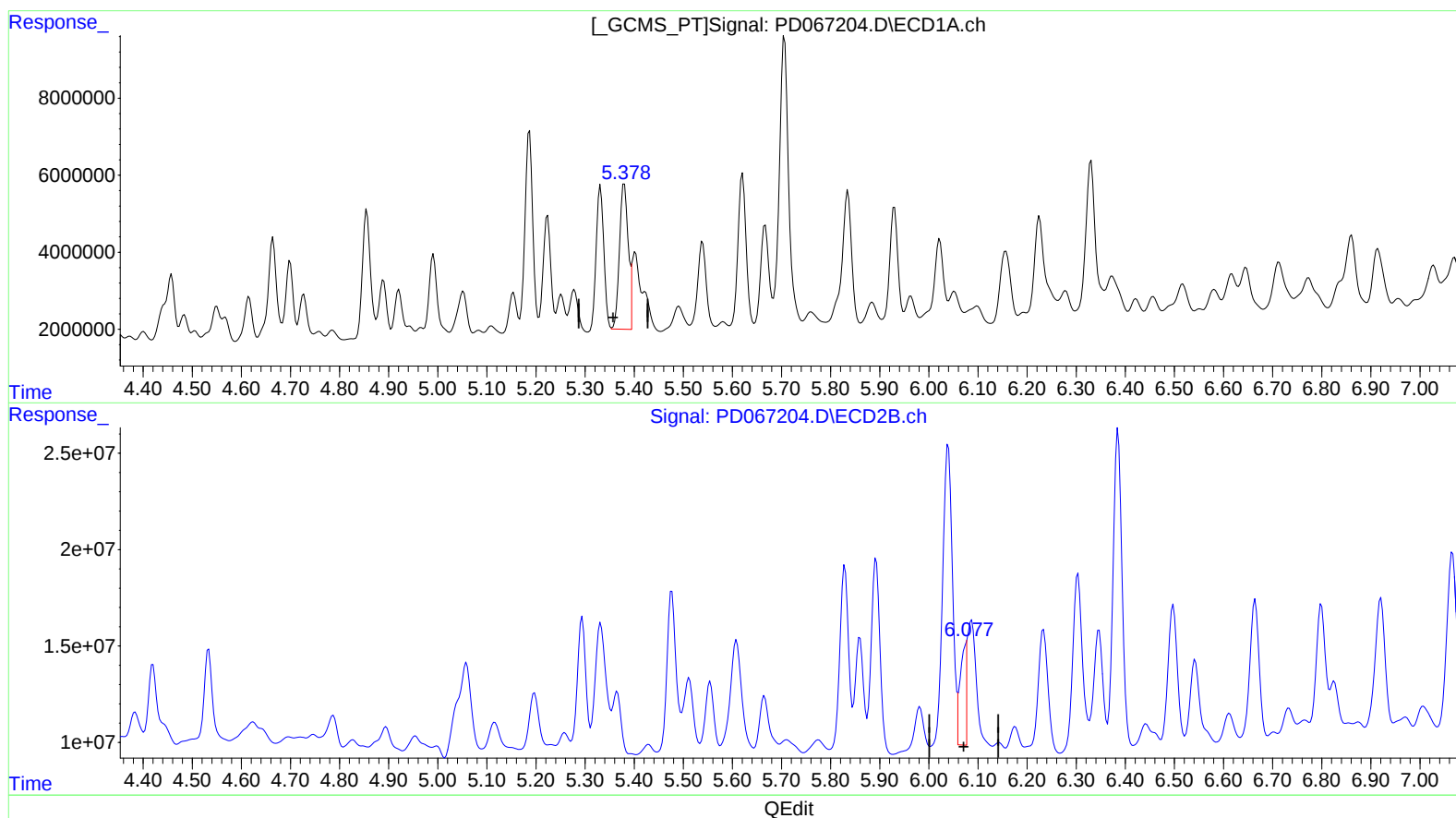
Reviewed By :Abdul
Mirza

12/03/2021
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ahmed

12/07/2021

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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)
5.378min 17.103 ng/ml m
response 48187509

(10) trans-Chlordane #2 (B)
6.077min 7.374 ng/ml m
response 55969151

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Sample : M4833-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

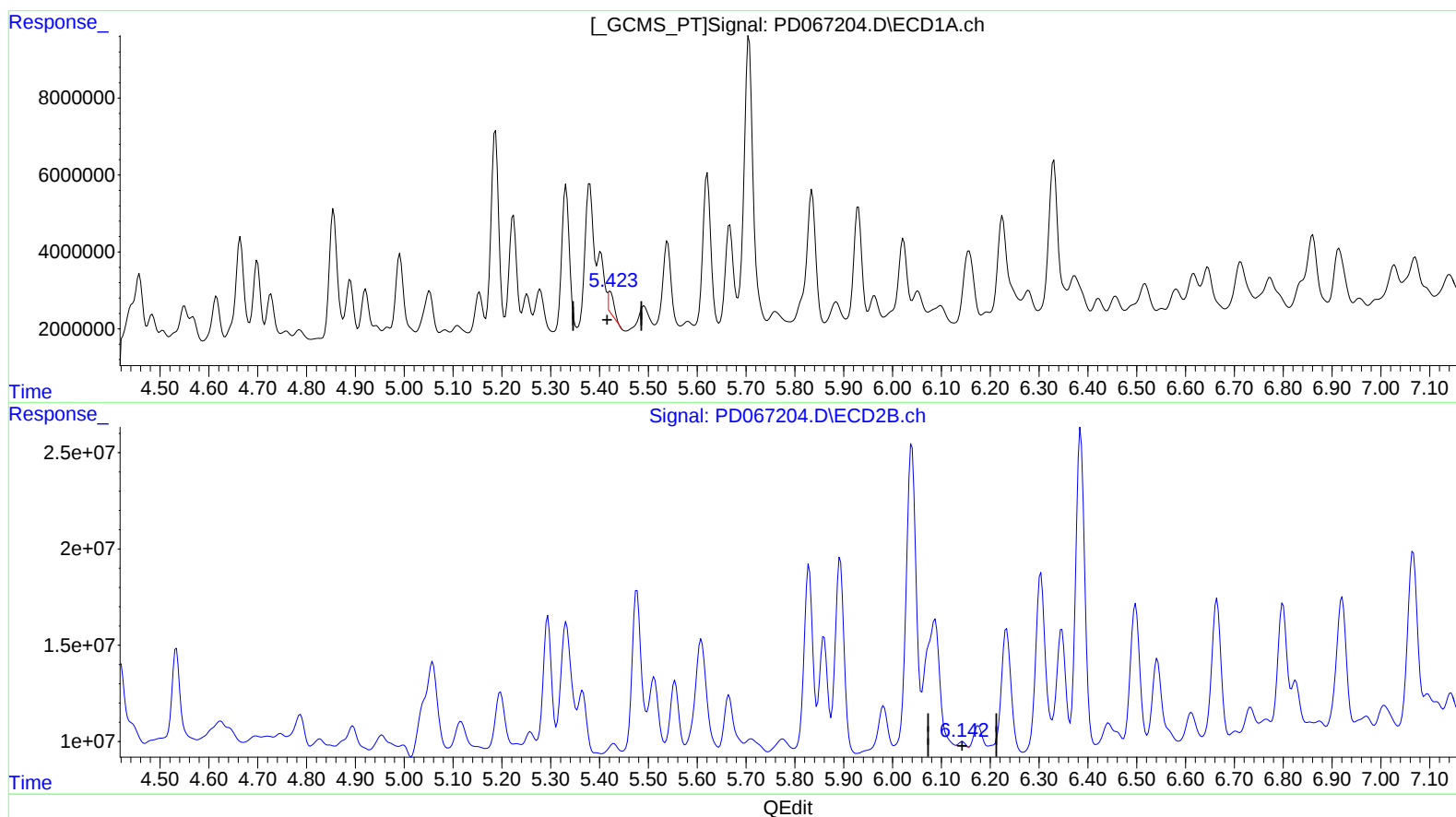
Reviewed By :Abdul
Mirza

12/03/2021
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ahmed

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(11) cis-Chlordane (B)

5.422min 1.193 ng/ml

response 3309183

(11) cis-Chlordane #2 (B)

6.143min 0.257 ng/ml

response 1897831

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Sample : M4833-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN6

Manual IntegrationsAPPROVED

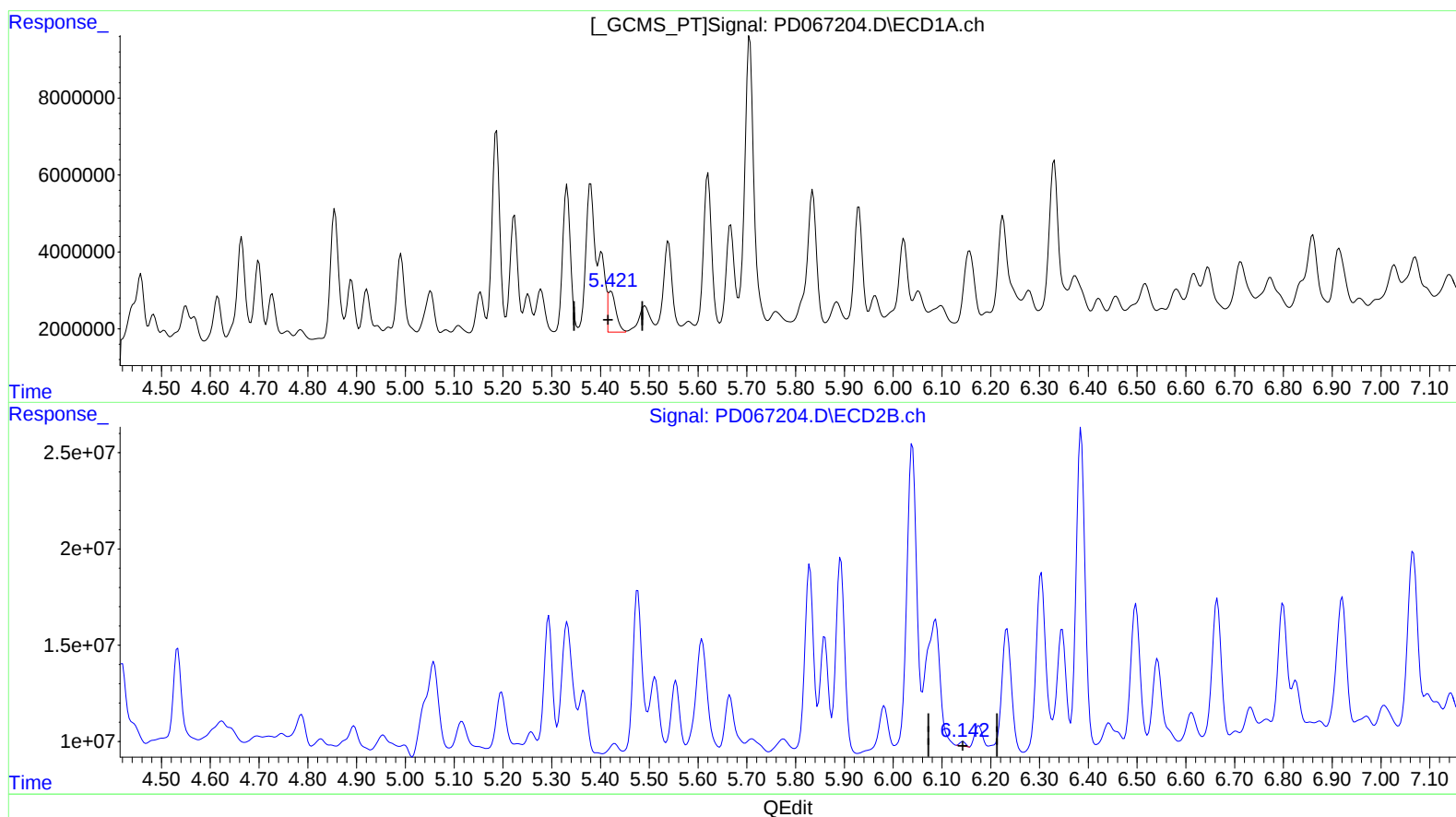
Reviewed By :Abdul
Mirza

12/03/2021
Supervised By :mohammad
ahmed

12/07/2021

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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



(11) cis-Chlordane (B)
5.421min 4.197 ng/ml m
response 11646196

(11) cis-Chlordane #2 (B)
6.143min 0.257 ng/ml
response 1897831

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

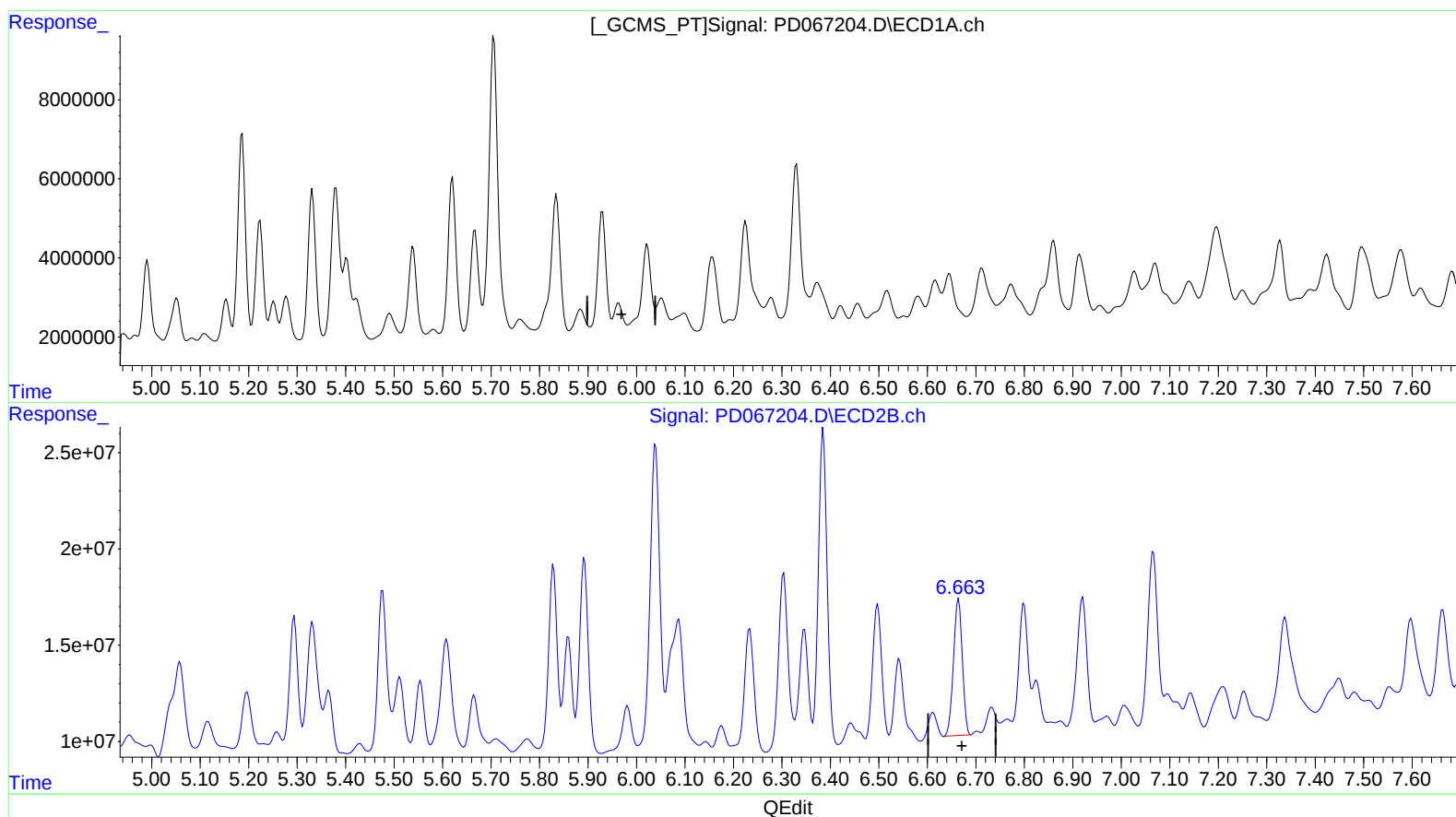
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(14) Endrin (MA)

5.963min -4.248 ng/ml

response -9714168

(14) Endrin #2 (MA)

6.664min 15.610 ng/ml

response 90565419

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Manual IntegrationsAPPROVED

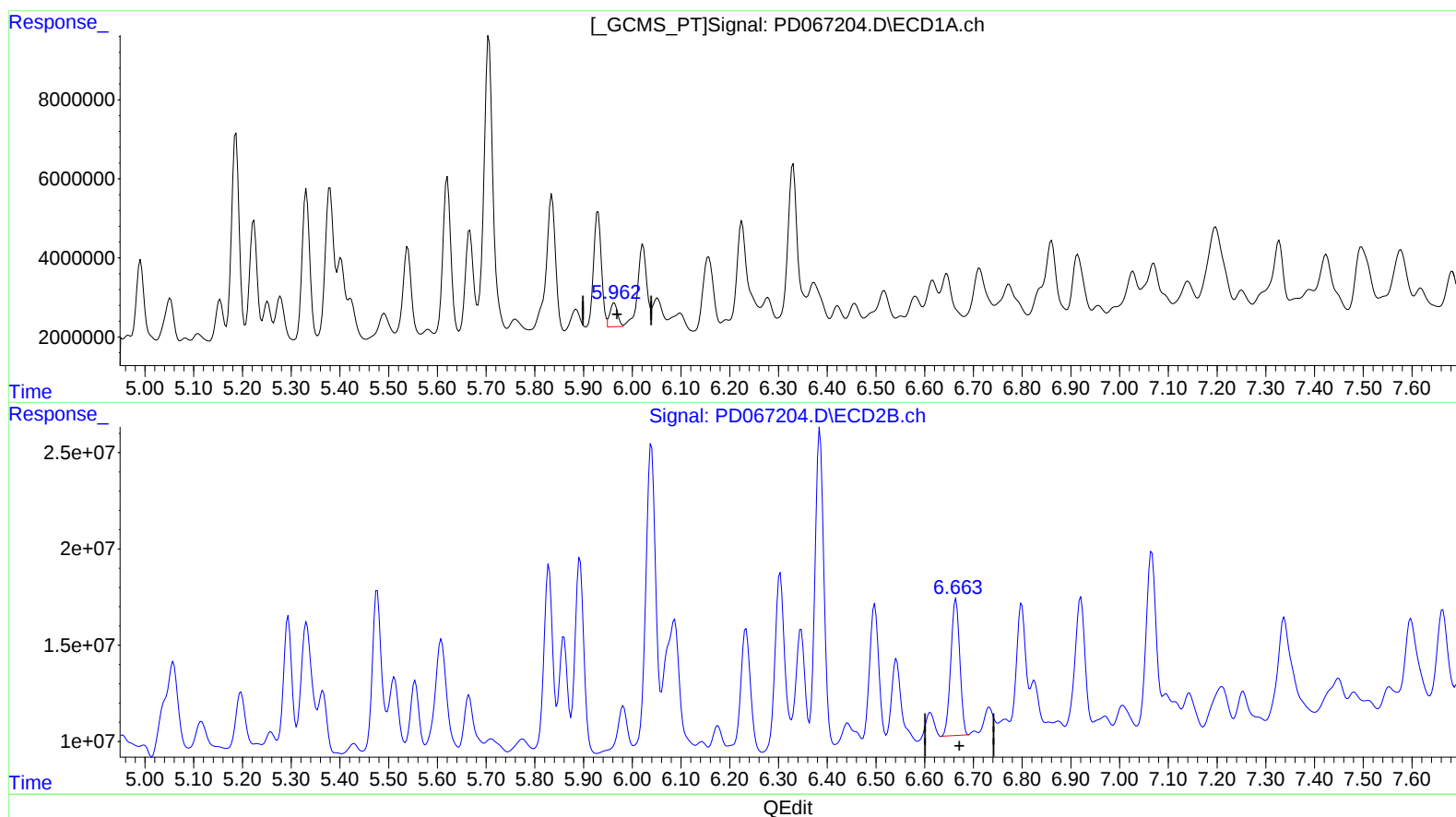
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(14) Endrin (MA)

5.962min 2.884 ng/ml m
response 6595380

(14) Endrin #2 (MA)

6.664min 15.610 ng/ml
response 90565419

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Manual IntegrationsAPPROVED

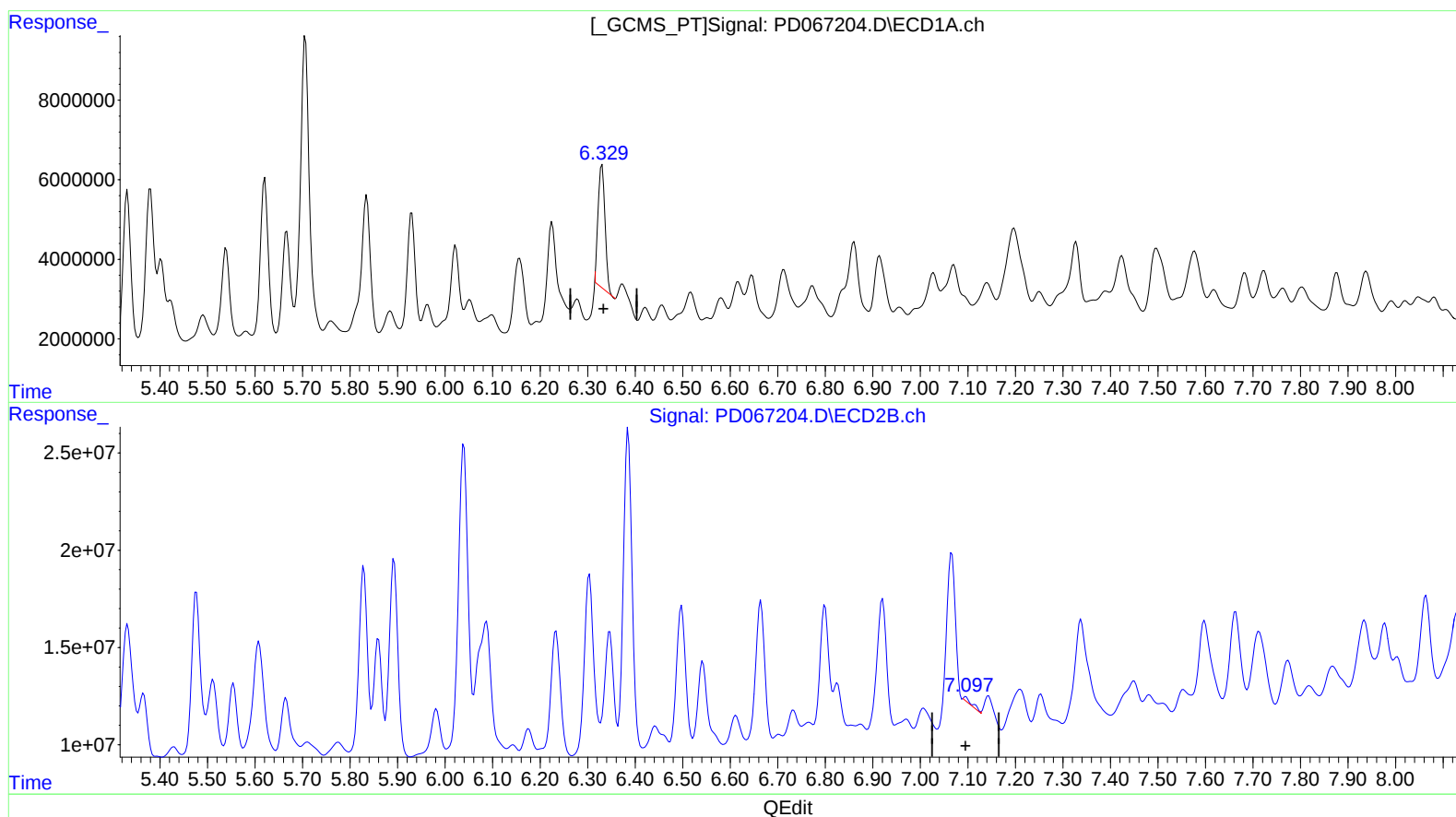
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(17) 4,4'-DDT (MA)

6.330min 14.758 ng/ml

response 31371187

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

7.096min 0.596 ng/ml

response 3433080

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Manual IntegrationsAPPROVED

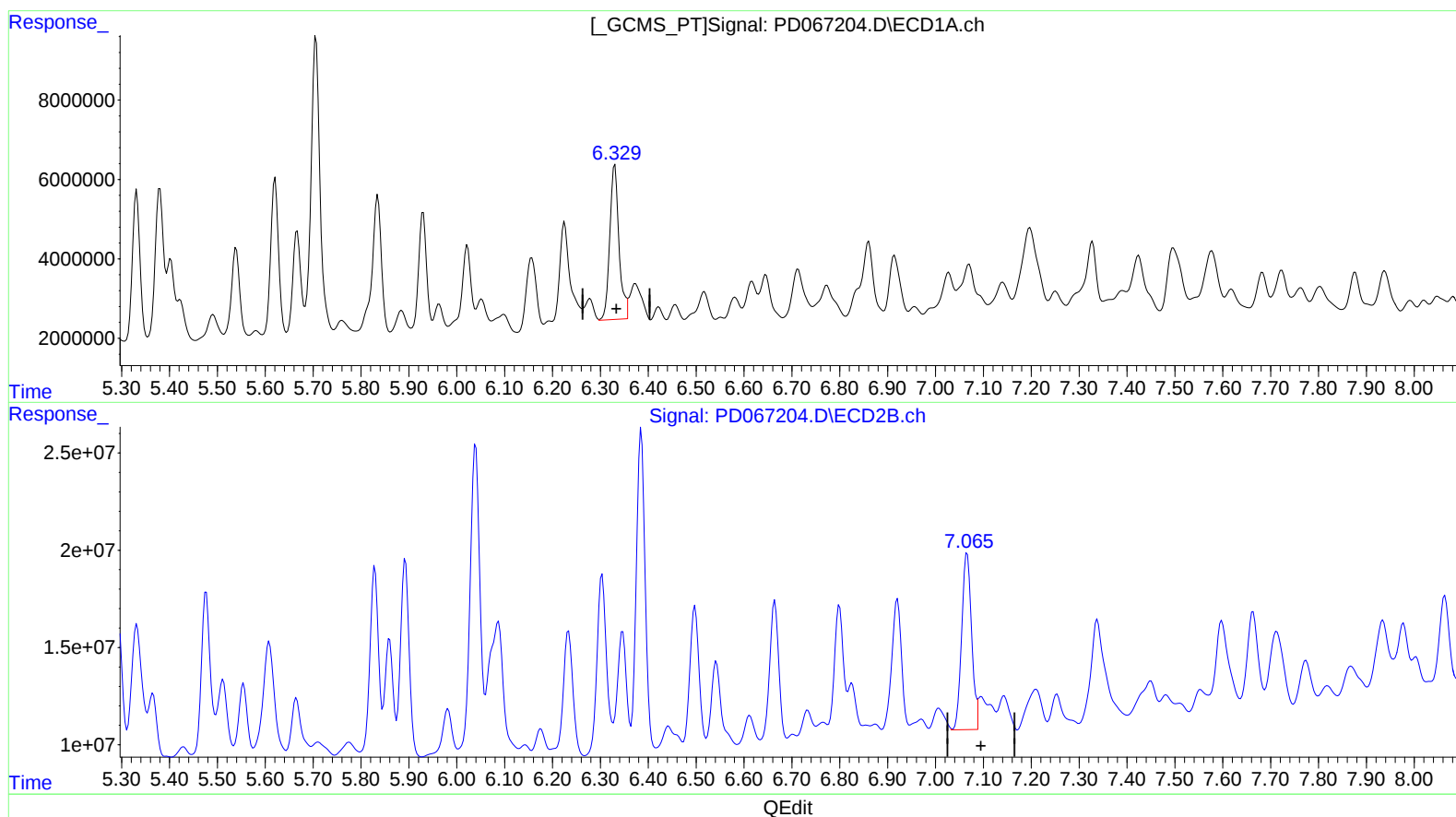
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(17) 4,4'-DDT (MA)

6.329min 24.269 ng/ml m

response 51588992

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

7.065min 22.870 ng/ml m

response 131782028

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED

Reviewed By : Abdul
 Mirza

12/03/2021
 Supervised By : mohammad
 ahmed

12/07/2021

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.437	3.967	26439683	88346434	12.109	11.027
27) SA Decachlor...	8.164	9.021	18685861	128.7E6	16.458	25.388m#
Target Compounds						
7) B delta-BHC	4.614	5.043	13304156	27660062	4.651m	3.125m#
8) B Heptachlo...	5.153	5.828	10775034	119.7E6	3.902m	17.076m#
10) B trans-Chl...	5.378	6.077	48187509	55969151	17.103m	7.374m#
14) MA Endrin	5.962	6.664	6595380	90565419	2.884m	15.610 #
17) MA 4,4'-DDT	6.329	7.065	51588992	131.8E6	24.269m	22.870m

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