Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

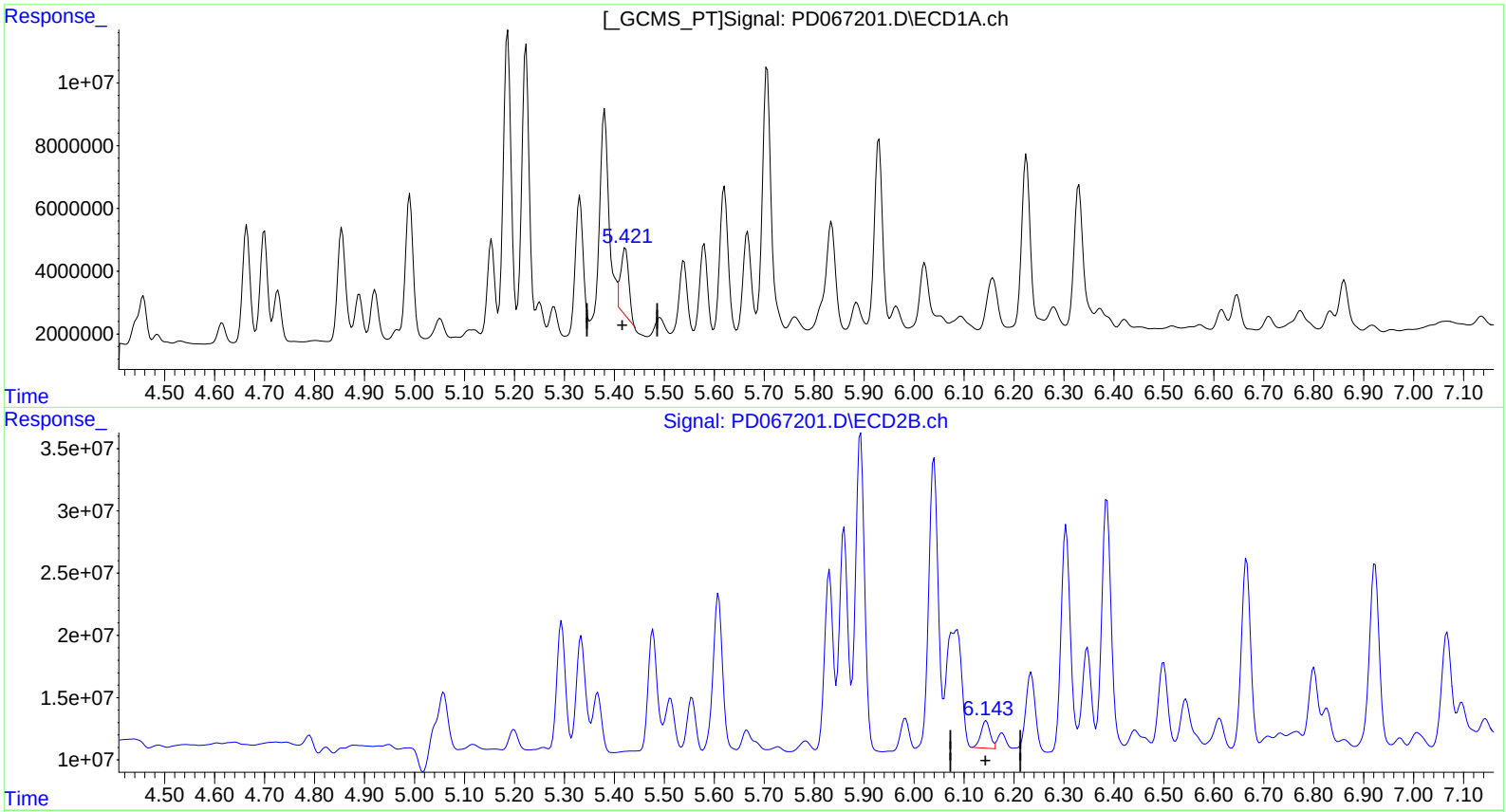
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:54:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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



QEdit

(11) cis-Chlordane (B)

5.422min 8.172 ng/ml

response 22675462

(11) cis-Chlordane #2 (B)

6.144min 3.814 ng/ml

response 28216724

(+) = Expected Retention Time

Quantitation Report (Qedit)

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
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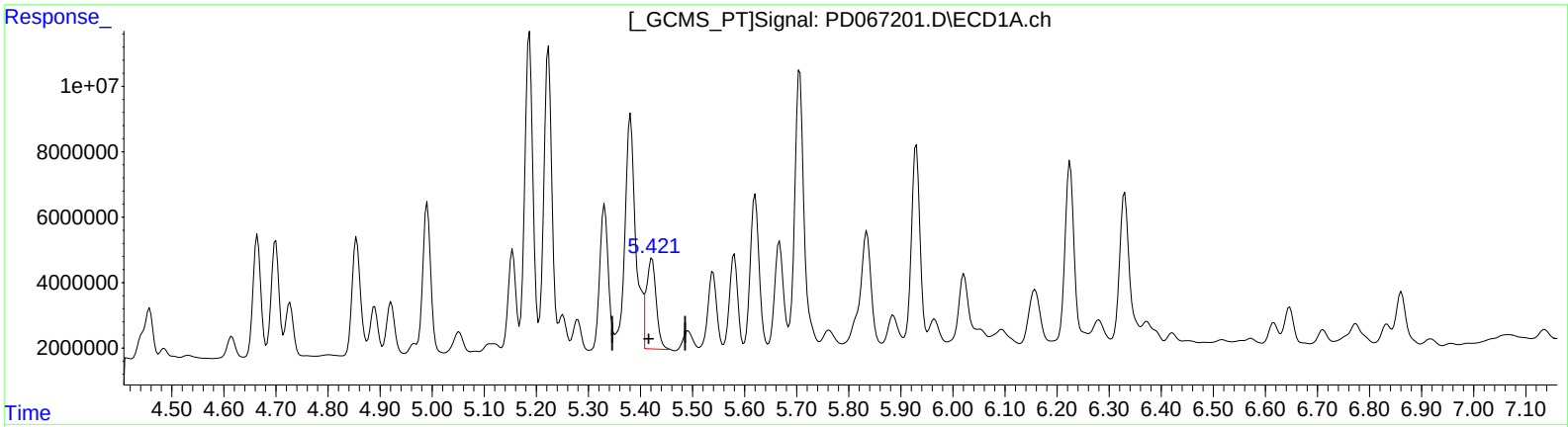
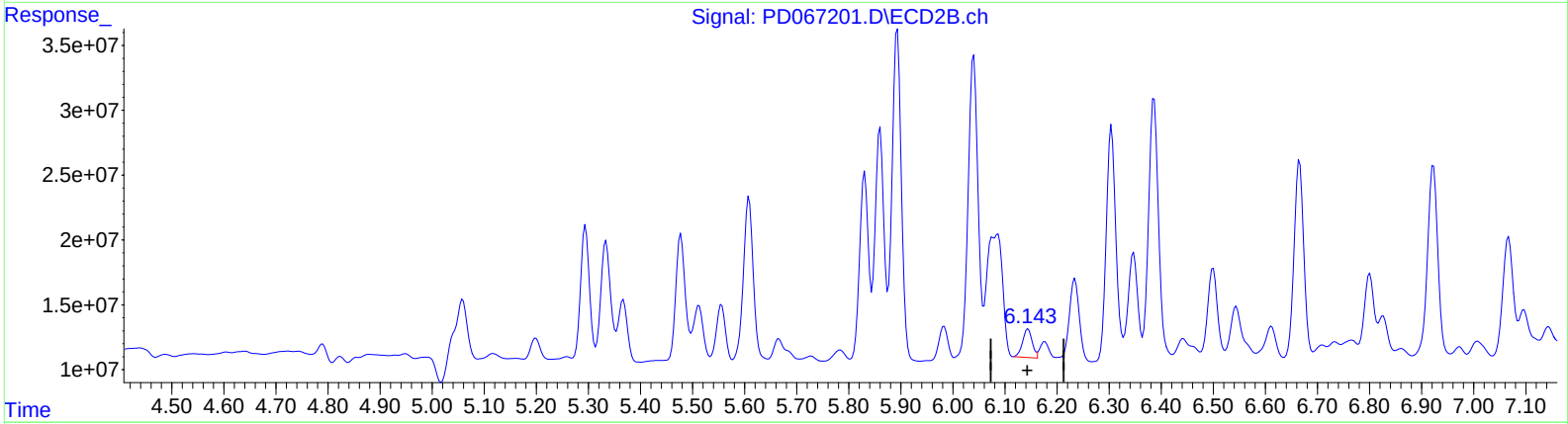
Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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





QEdit

(11) cis-Chlordane (B)

5.421min 12.760 ng/ml m

response 35408888

(11) cis-Chlordane #2 (B)

6.144min 3.814 ng/ml

response 28216724

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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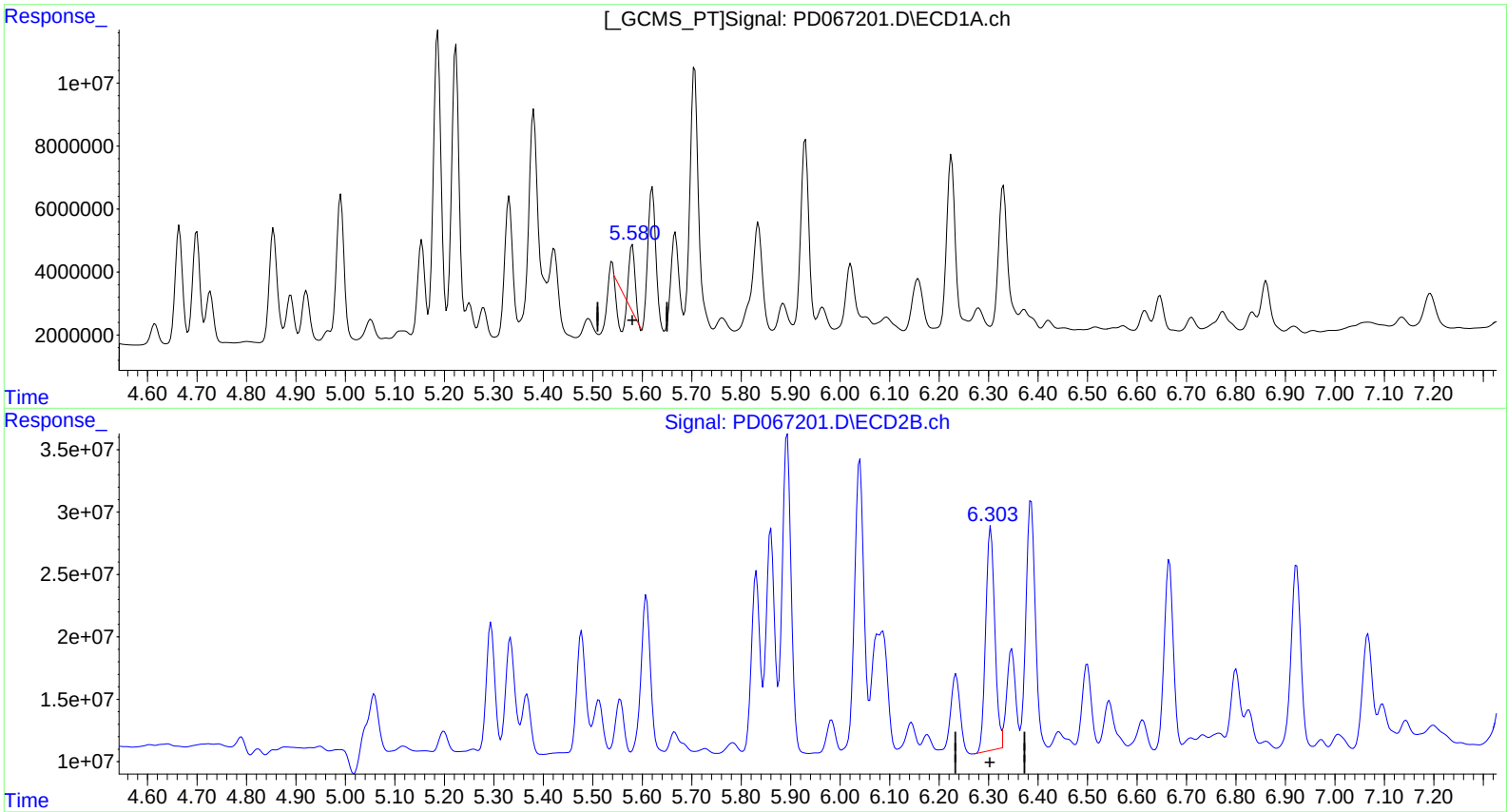

QEdit

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

5.580min 2.538 ng/ml

response 6350699

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

6.305min 34.009 ng/ml

response 227886670

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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

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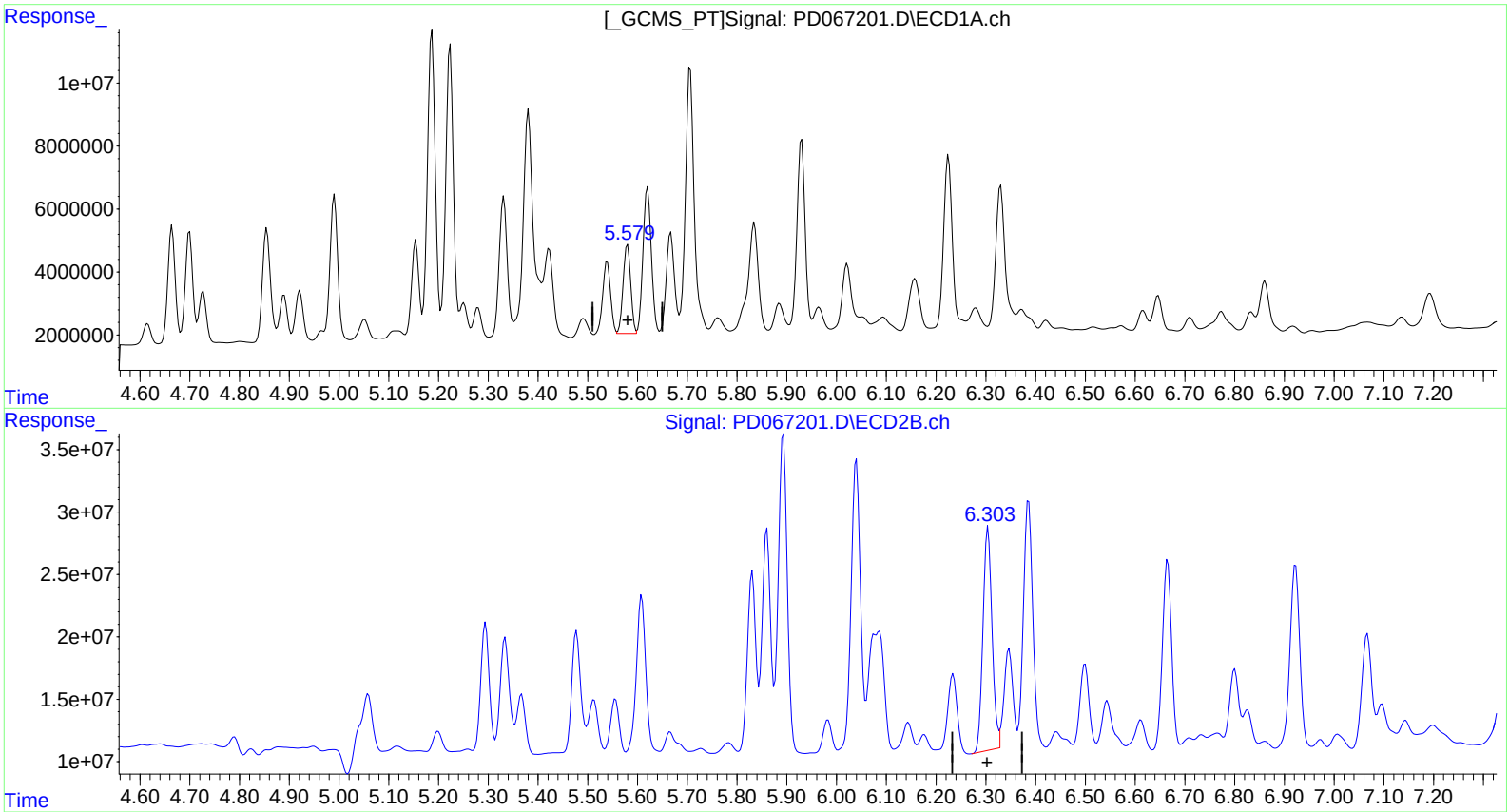

QEdit

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

5.579min 11.956 ng/ml m

response 29921608

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

6.305min 34.009 ng/ml

response 227886670

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ECD_D
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Manual IntegrationsAPPROVED

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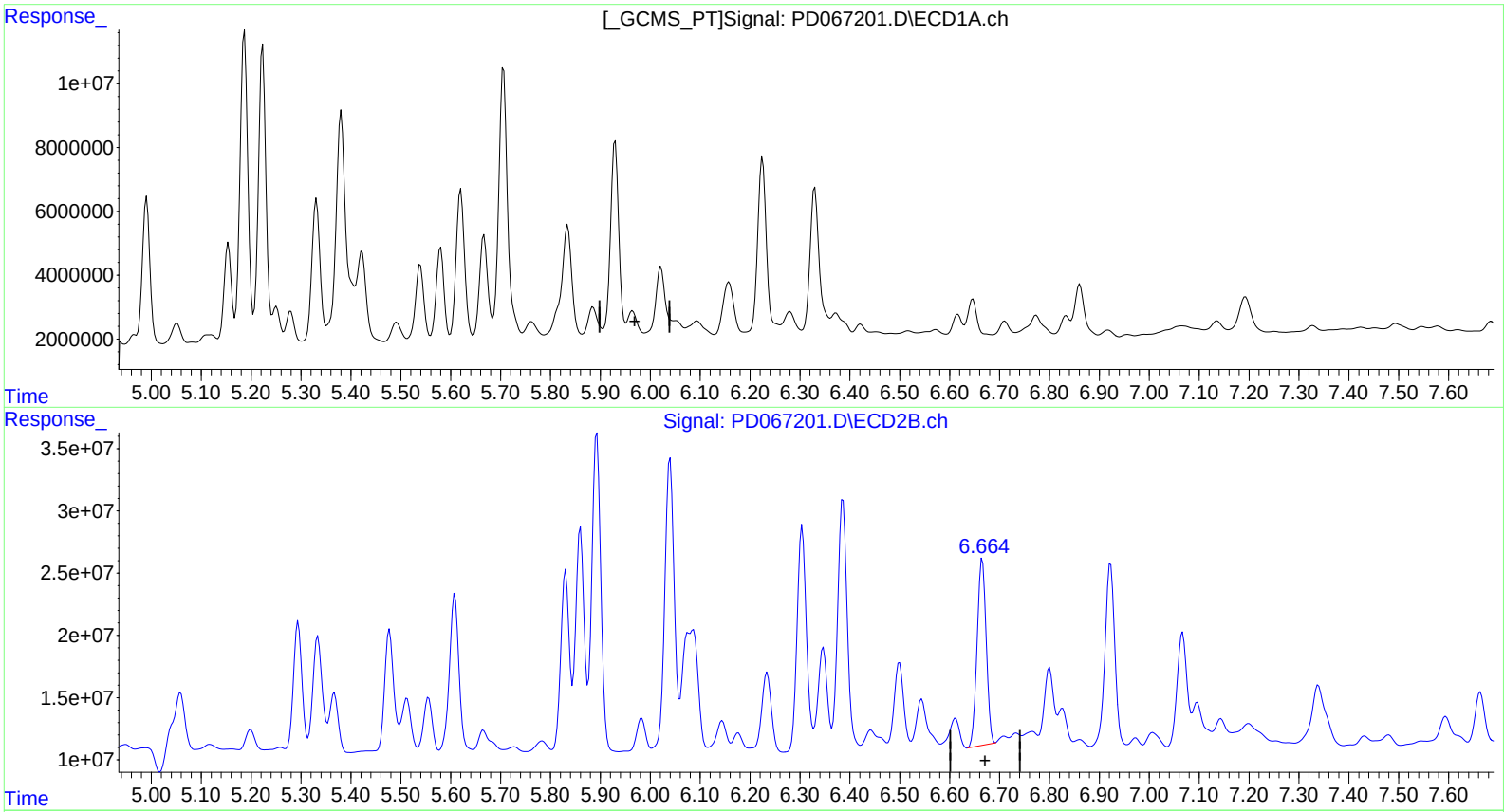

QEdit

(14) Endrin (MA)

5.965min -13.333 ng/ml

response -30490754

(14) Endrin #2 (MA)

6.665min 32.544 ng/ml

response 188809358

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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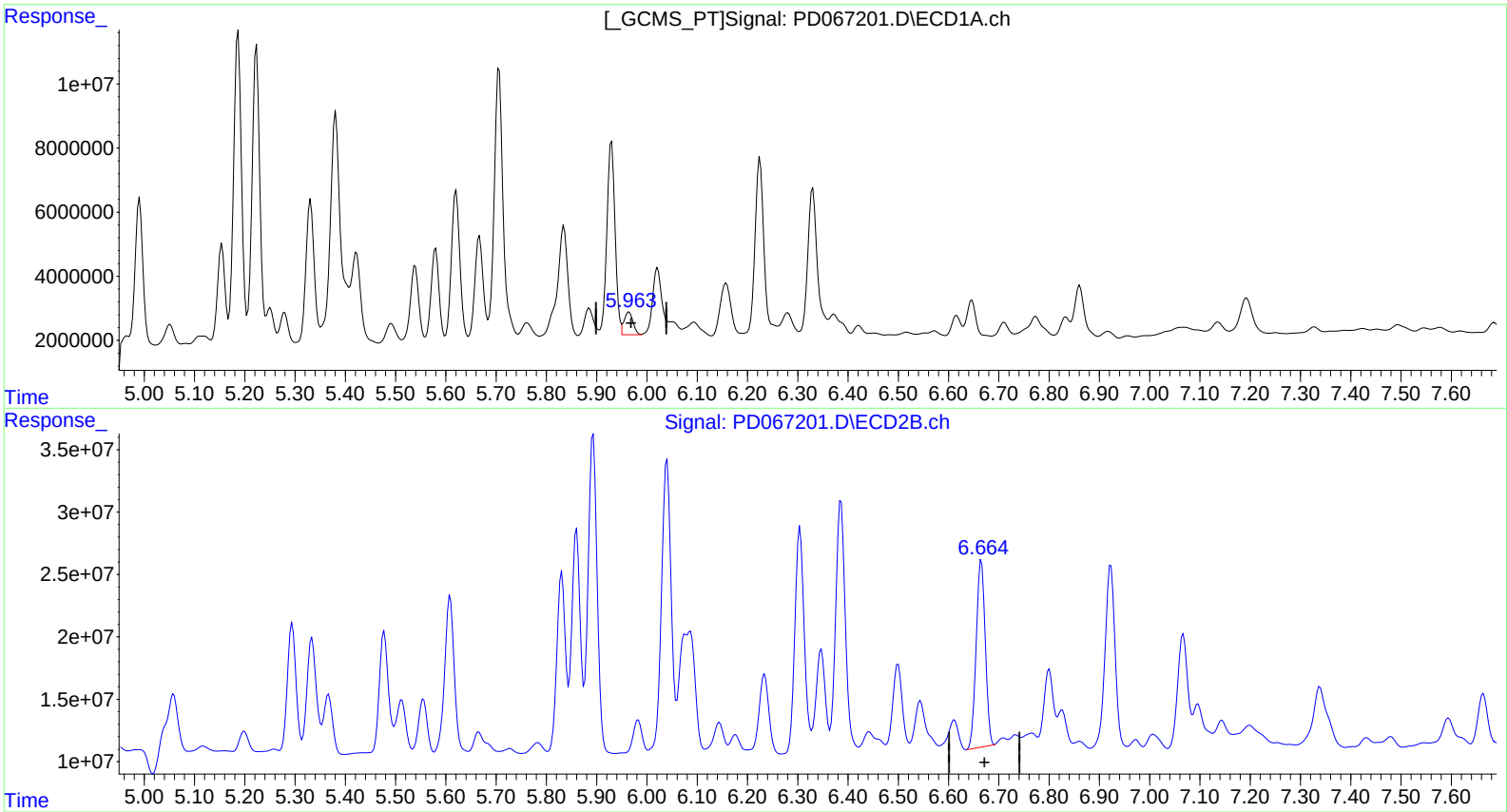
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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



QEdit

(14) Endrin (MA)

5.963min 3.778 ng/ml m

response 8640576

(14) Endrin #2 (MA)

6.665min 32.544 ng/ml

response 188809358

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
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Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
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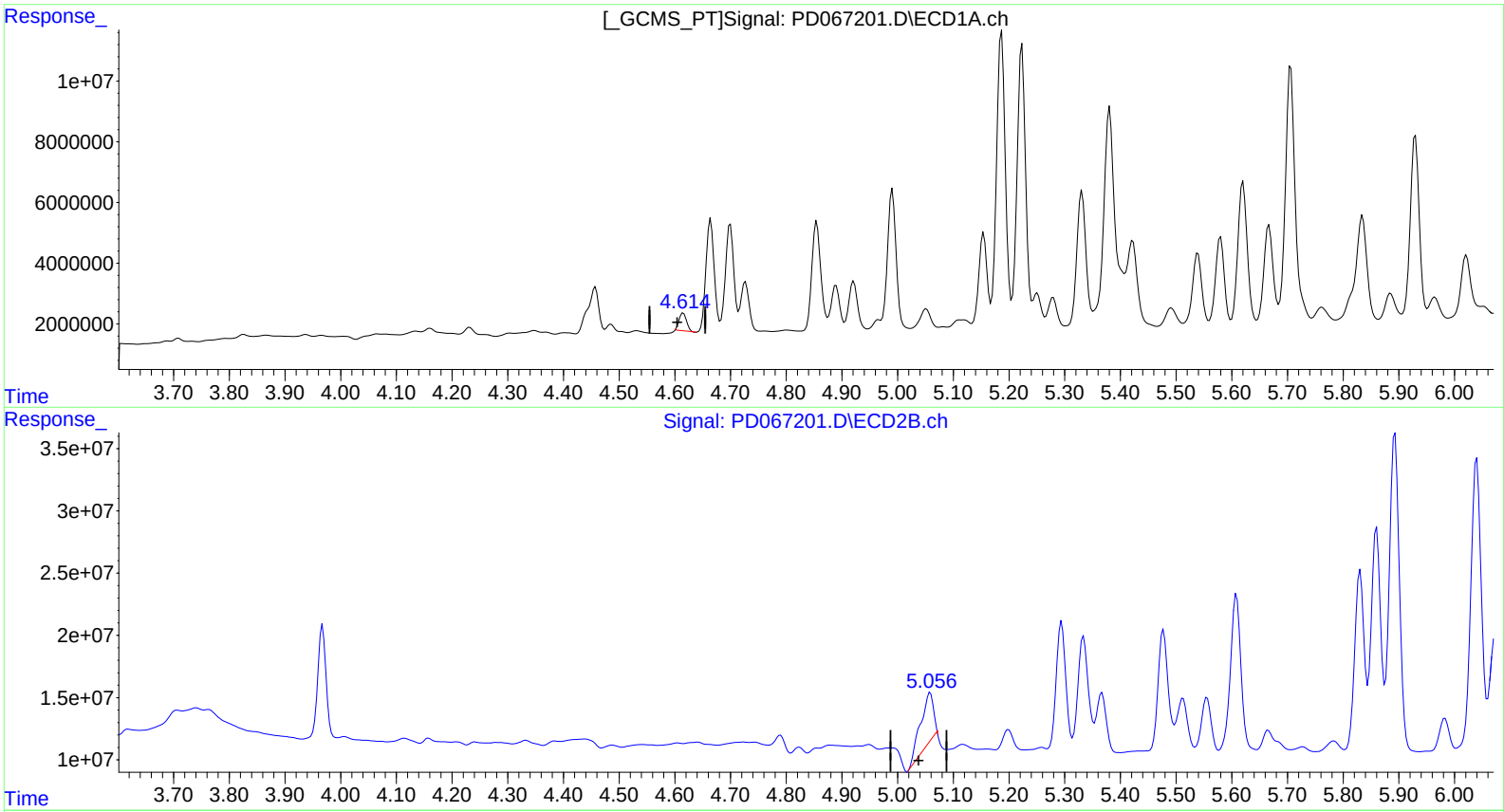
ESQN0

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 01:23:53 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



QEdit

(7) delta-BHC (B)

4.615min 1.862 ng/ml

response 5327285

(7) delta-BHC #2 (B)

5.059min 7.206 ng/ml

response 63784314

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
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Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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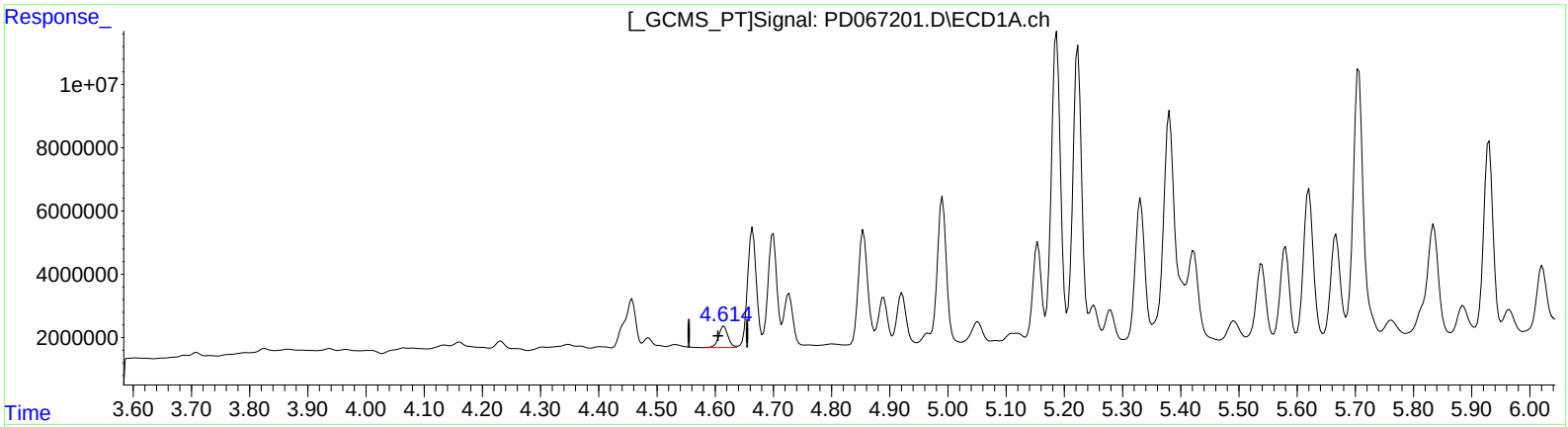

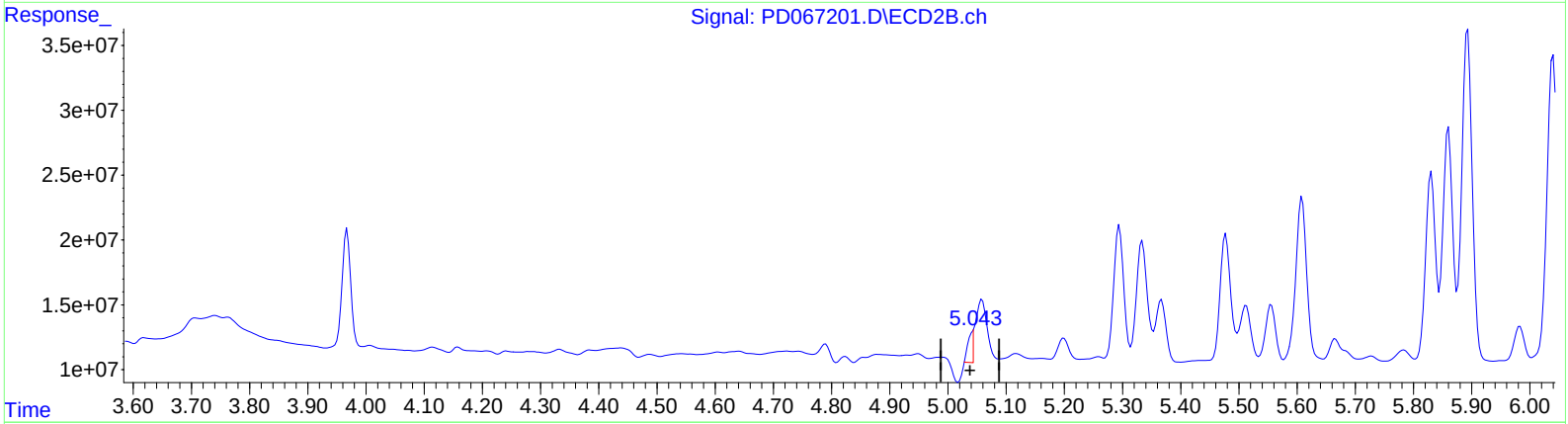

QEdit

(7) delta-BHC (B)

4.614min 2.666 ng/ml m

response 7625516

(7) delta-BHC #2 (B)

5.043min 2.104 ng/ml m

response 18622416

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN0

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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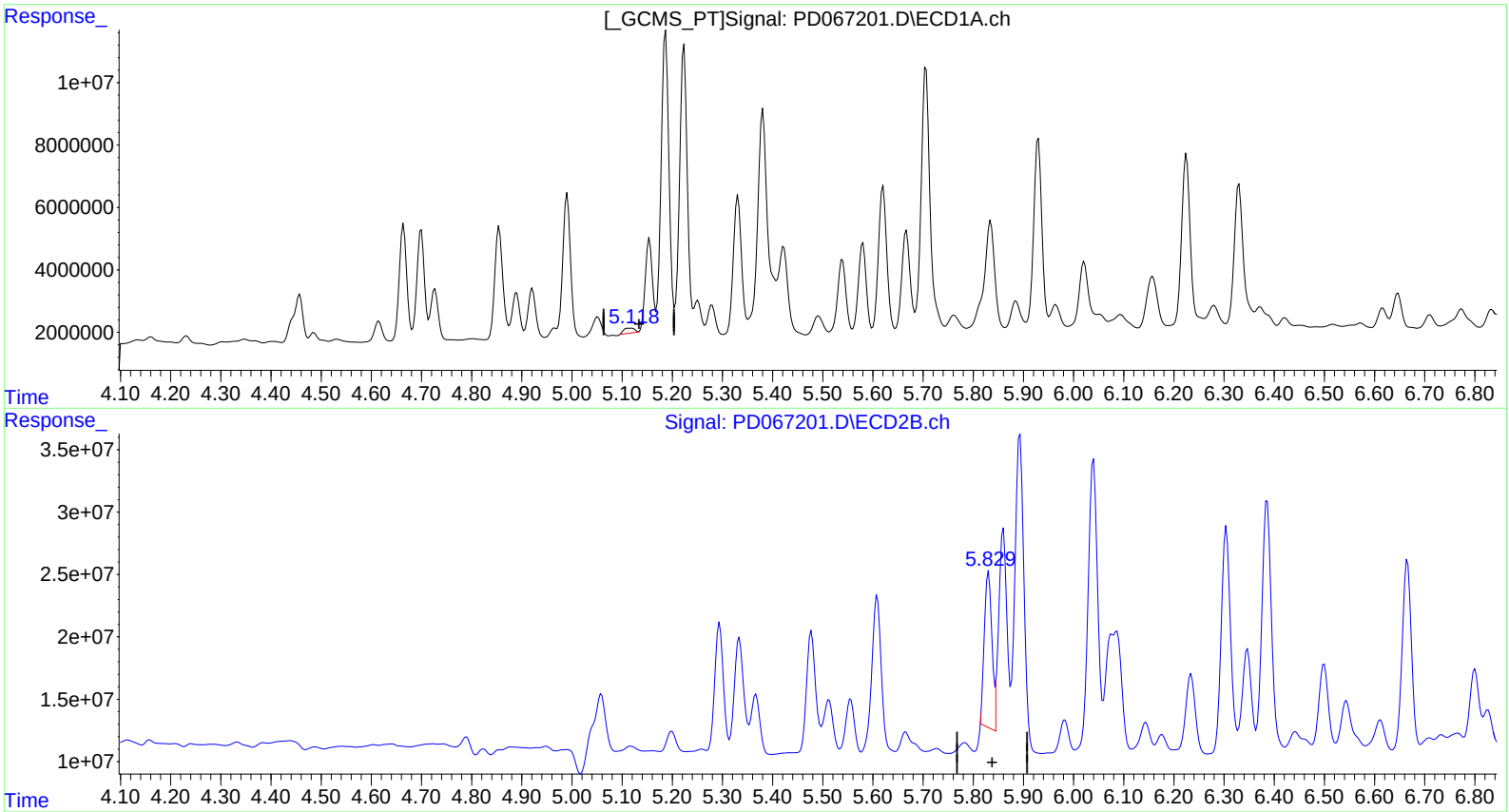

QEdit

(8) Heptachlor epoxide (B)

5.119min 0.856 ng/ml

response 2365011

(8) Heptachlor epoxide #2 (B)

5.831min 18.706 ng/ml

response 131108388

(+) = Expected Retention Time

Quantitation Report (Qedit)

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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Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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Integration File signal 1: autoint1.e
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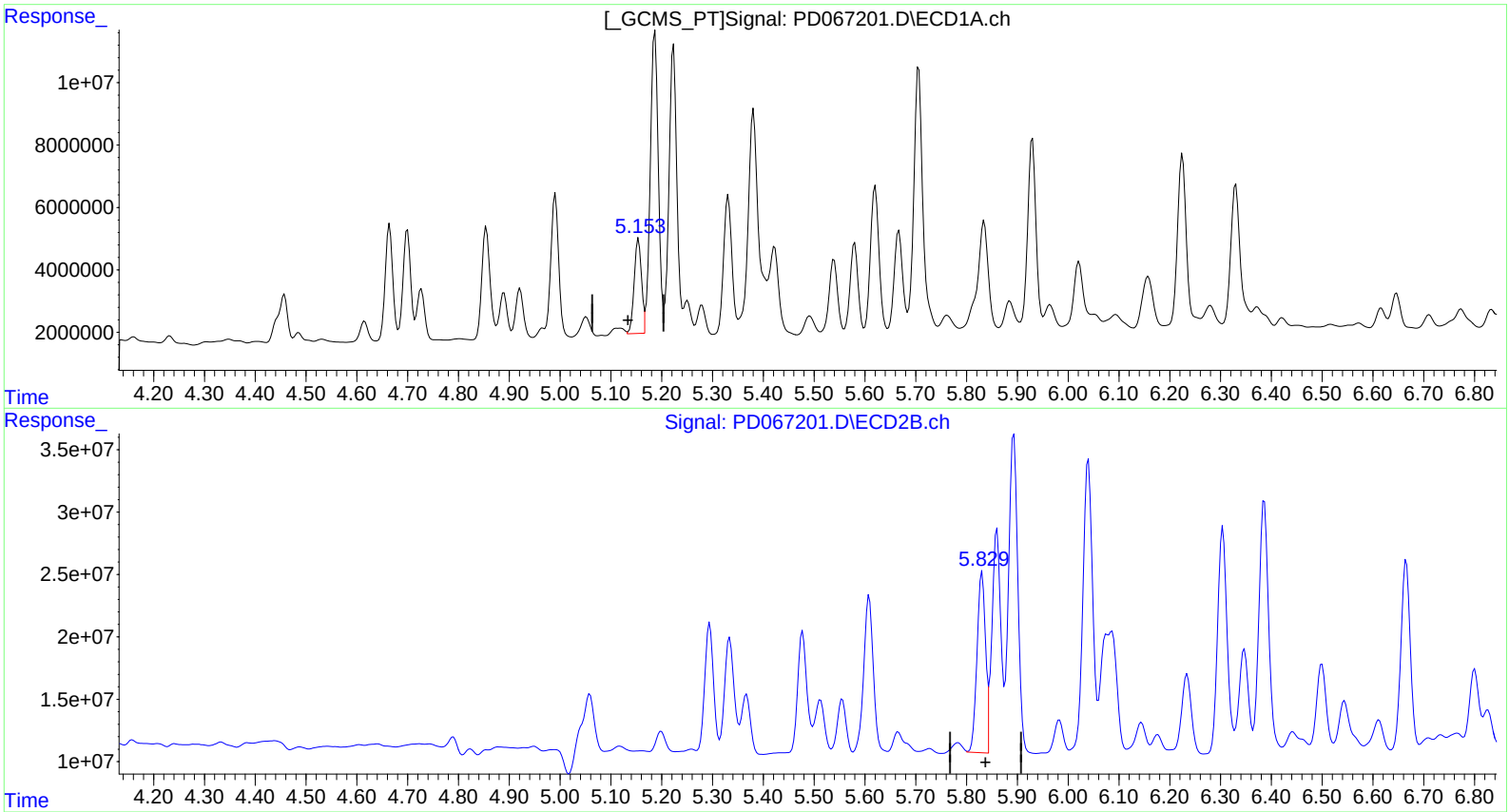

QEdit

(8) Heptachlor epoxide (B)

5.153min 11.678 ng/ml m

response 32250311

(8) Heptachlor epoxide #2 (B)

5.829min 25.976 ng/ml m

response 182065064

(+) = Expected Retention Time

Quantitation Report (Qedit)

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

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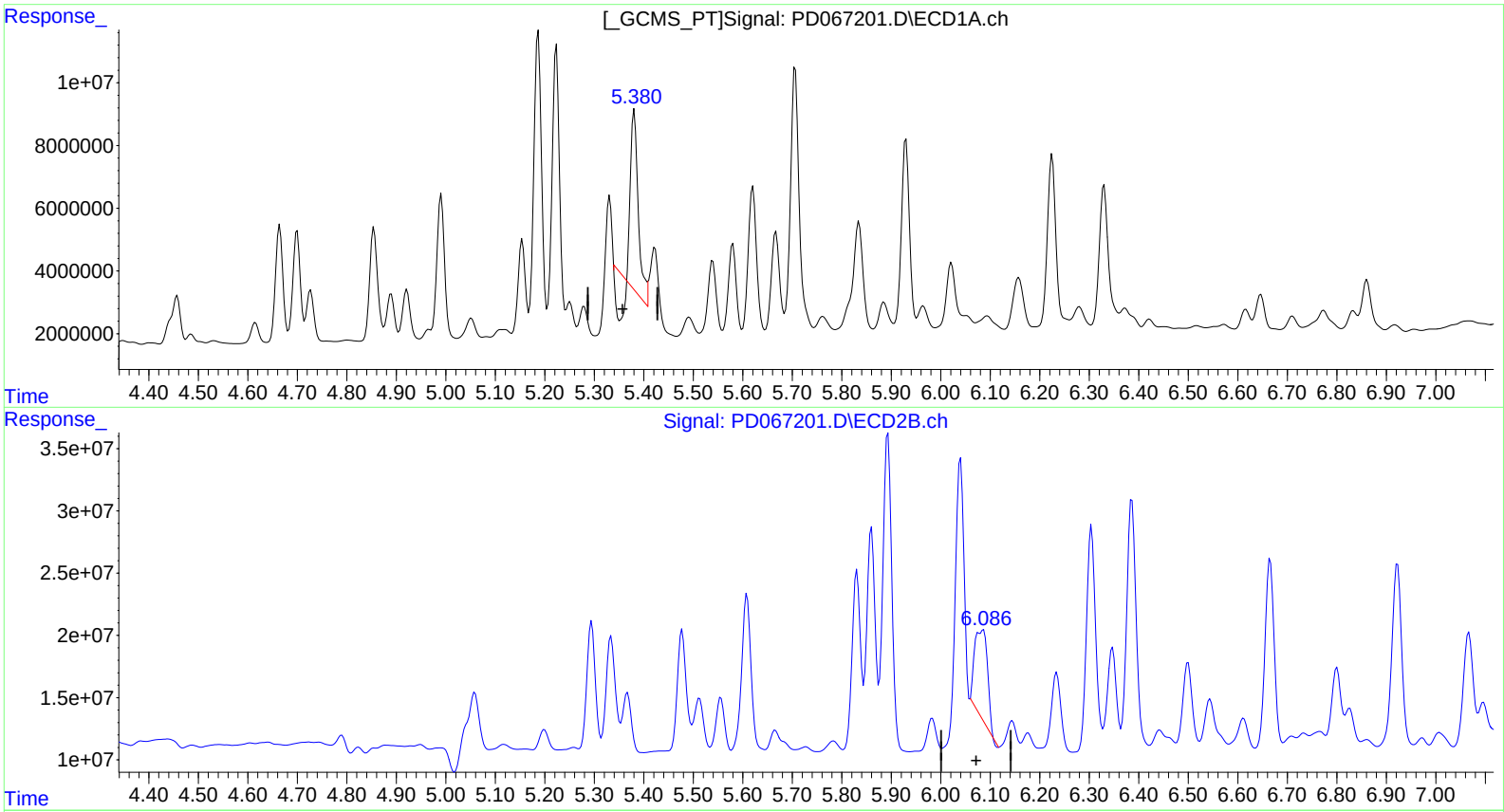

QEdit

(10) trans-Chlordane (B)

5.381min 18.714 ng/ml

response 52727122

(10) trans-Chlordane #2 (B)

6.086min 16.957 ng/ml

response 128705209

(+) = Expected Retention Time

Quantitation Report (Qedit)

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

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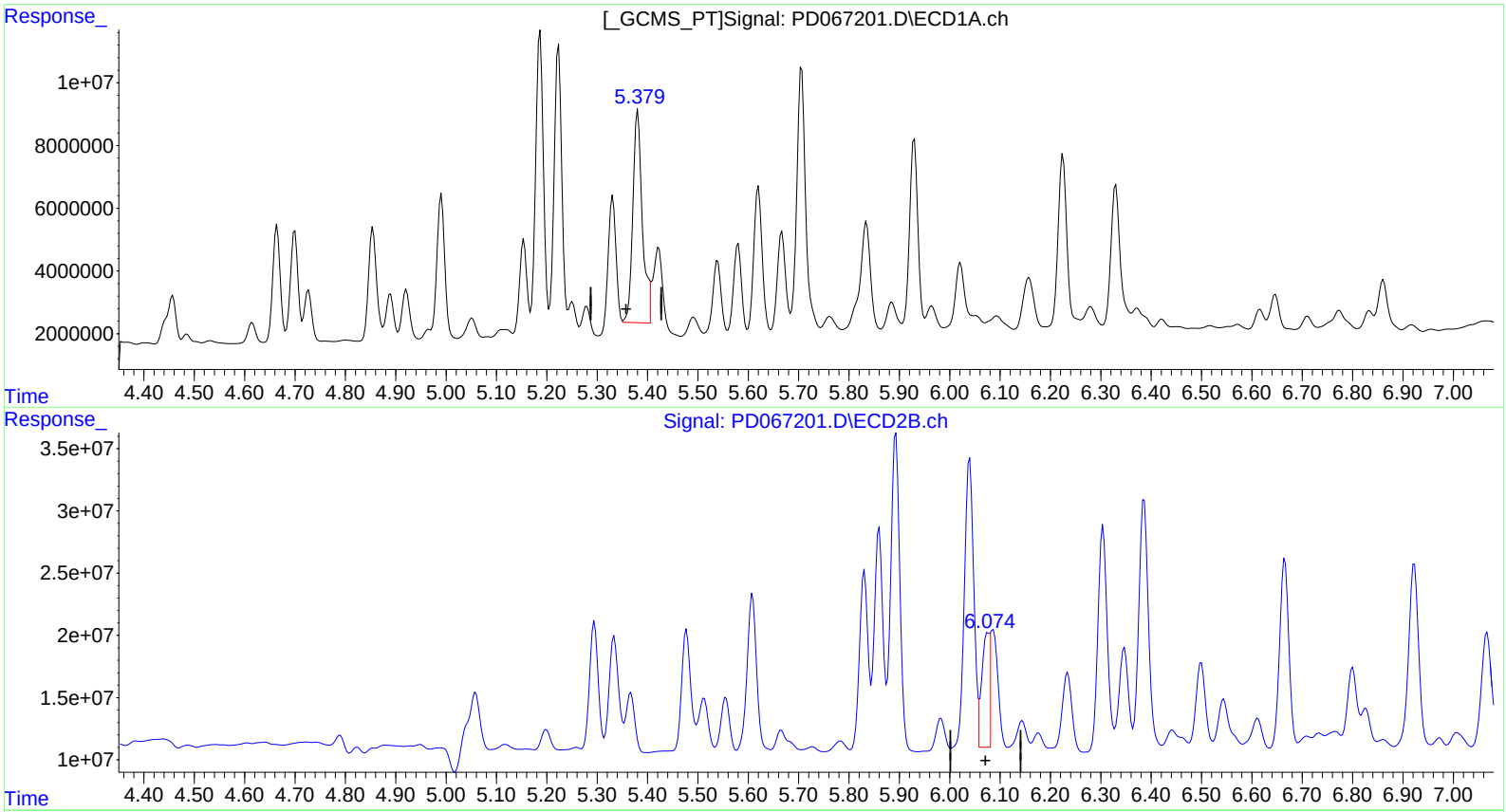

QEdit

(10) trans-Chlordane (B)

5.379min 31.272 ng/ml m

response 88110629

(10) trans-Chlordane #2 (B)

6.074min 14.273 ng/ml m

response 108328665

(+) = Expected Retention Time

Quantitation Report (Qedit)

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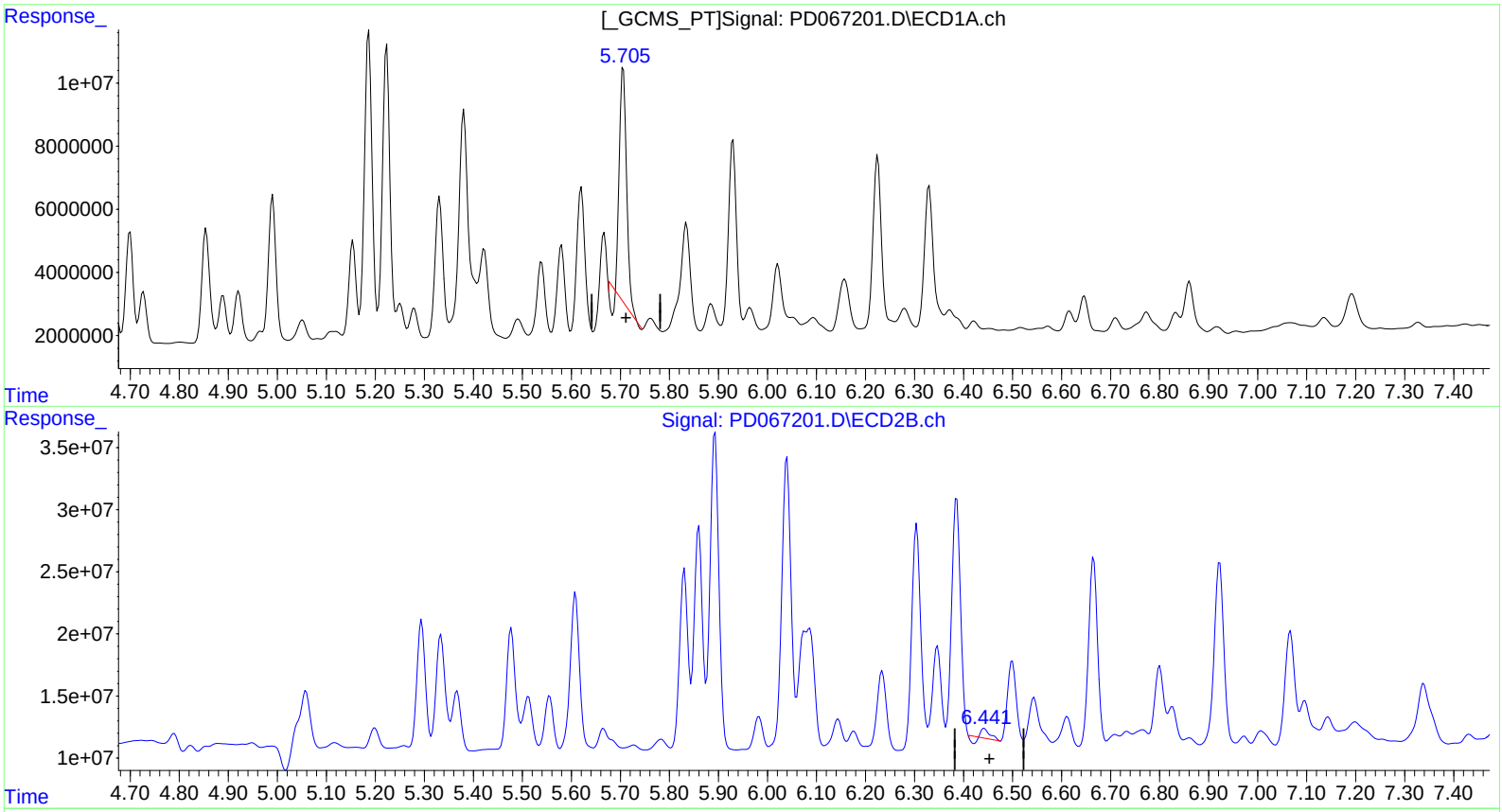

QEdit

(13) Dieldrin (MA)

5.706min 25.191 ng/ml

response 72541732

(13) Dieldrin #2 (MA)

6.442min 0.703 ng/ml

response 5232059

(+) = Expected Retention Time

Quantitation Report (Qedit)

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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Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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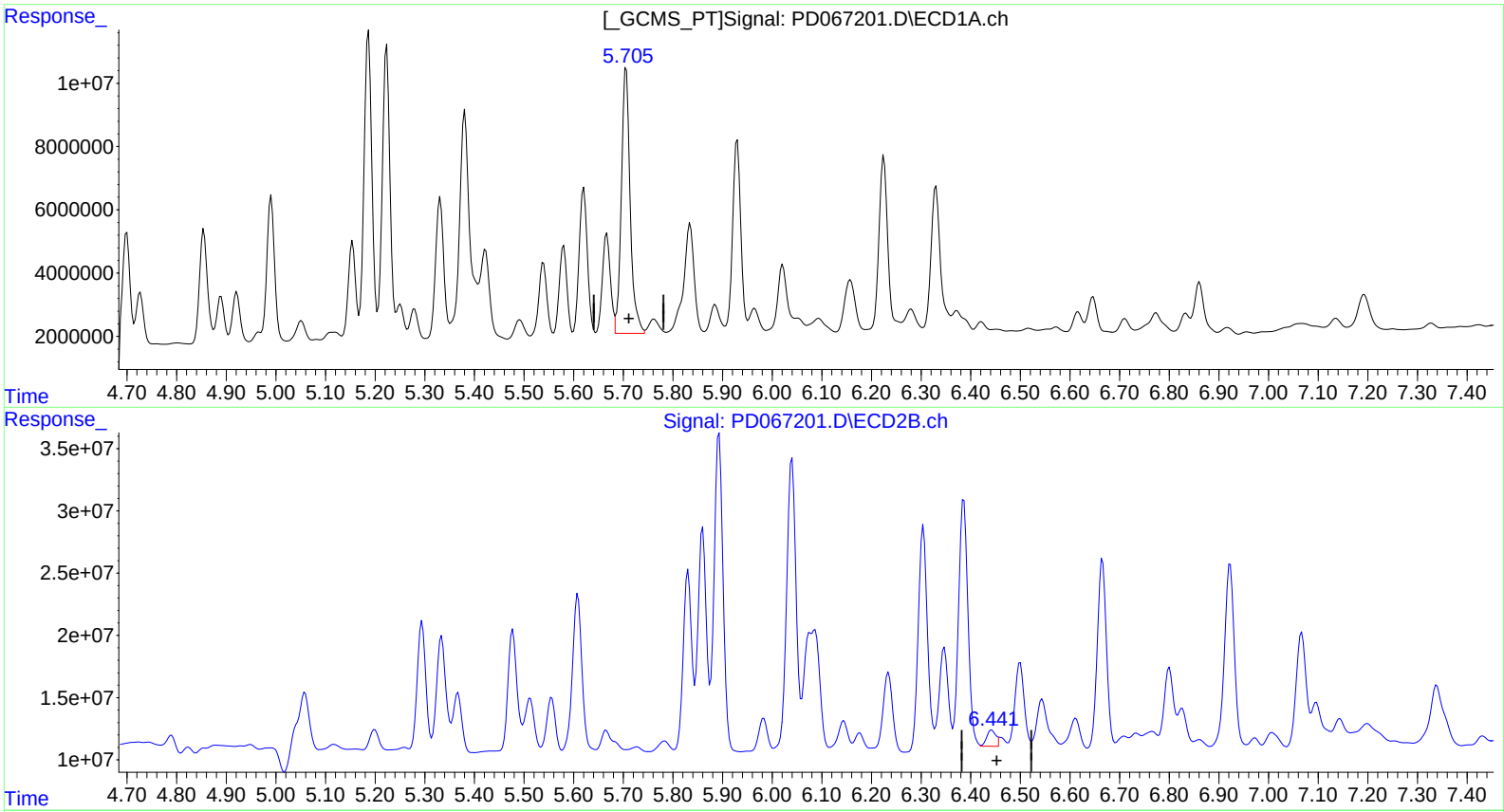


QEdit

(13) Dieldrin (MA)

5.705min 35.673 ng/ml m

response 102724143

(13) Dieldrin #2 (MA)

6.441min 2.159 ng/ml m

response 16061870

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

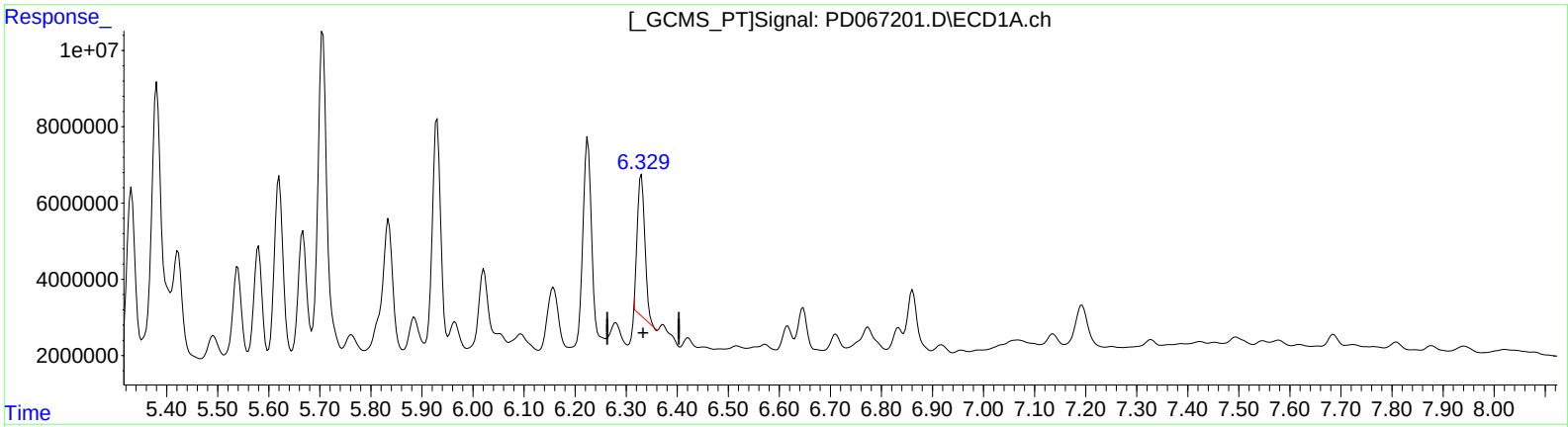
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 01:23:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

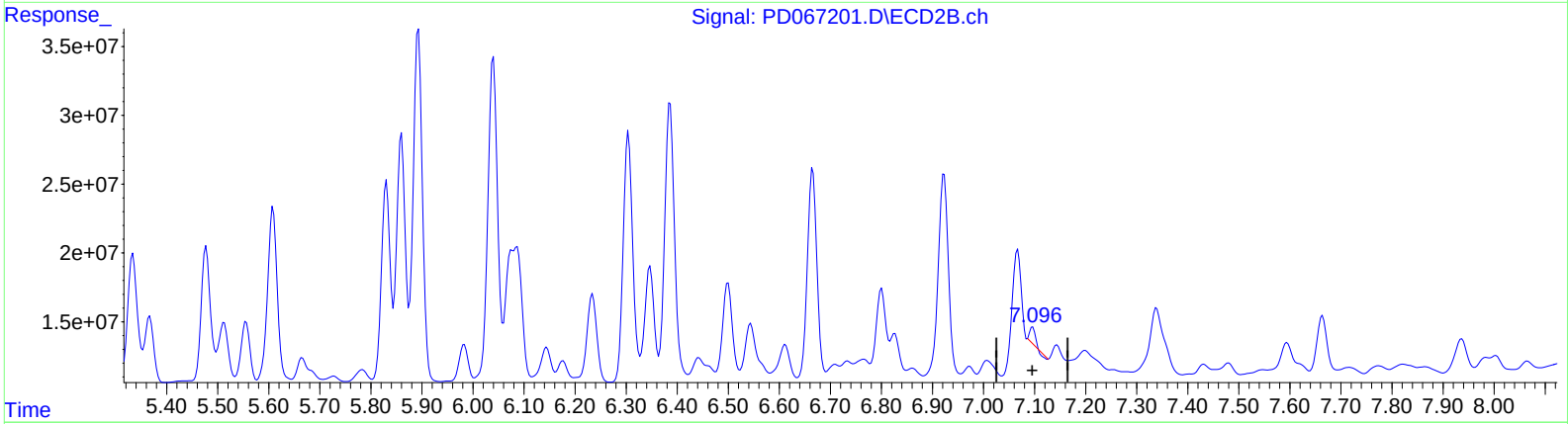
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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





QEdit

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

6.330min 17.974 ng/ml

response 38209085

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

7.096min 1.426 ng/ml

response 8216564

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

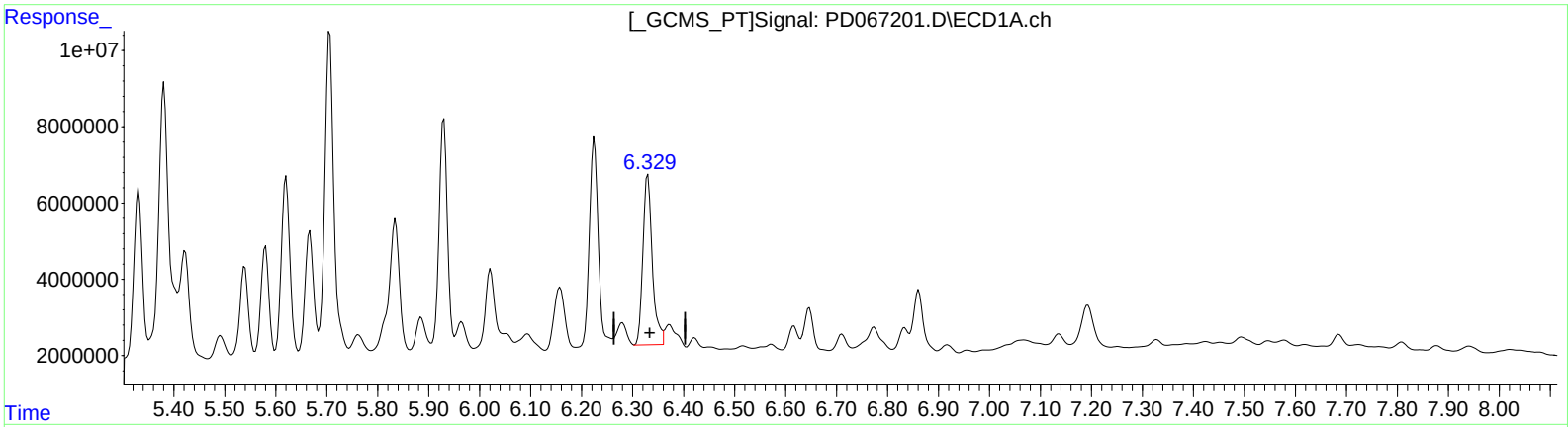
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:54:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

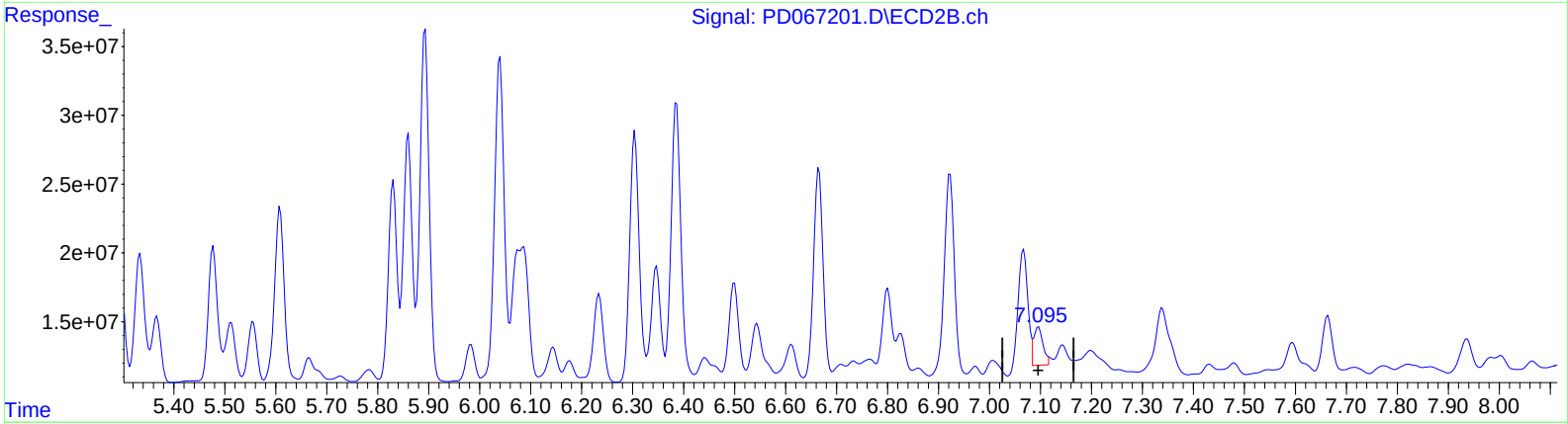
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQN0

Manual IntegrationsAPPROVED

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





QEdit

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

6.329min 27.364 ng/ml m

response 58169392

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

7.095min 5.925 ng/ml m

response 34140791

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 12:26
Operator : AR\AJ
Sample : M4833-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN0

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 04:54:49 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.437	3.967	24658829	93693815	11.293	11.695
27)	SA Decachlor...	8.164	9.024	15853858	76991634	13.964	15.183
	Target Compounds						
7)	B delta-BHC	4.614	5.043	7625516	18622416	2.666m	2.104m
8)	B Heptachlo...	5.153	5.829	32250311	182.1E6	11.678m	25.976m#
10)	B trans-Chl...	5.379	6.074	88110629	108.3E6	31.272m	14.273m#
11)	B cis-Chlor...	5.421	6.144	35408888	28216724	12.760m	3.814 #
12)	B 4,4'-DDE	5.579	6.305	29921608	227.9E6	11.956m	34.009 #
13)	MA Dieldrin	5.705	6.441	102.7E6	16061870	35.673m	2.159m#
14)	MA Endrin	5.963	6.665	8640576	188.8E6	3.778m	32.544 #
16)	A 4,4'-DDD	6.094	6.800	4270242	69613620	2.020	11.904 #
17)	MA 4,4'-DDT	6.329	7.095	58169392	34140791	27.364m	5.925m#

AJ 12/7/21

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