Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

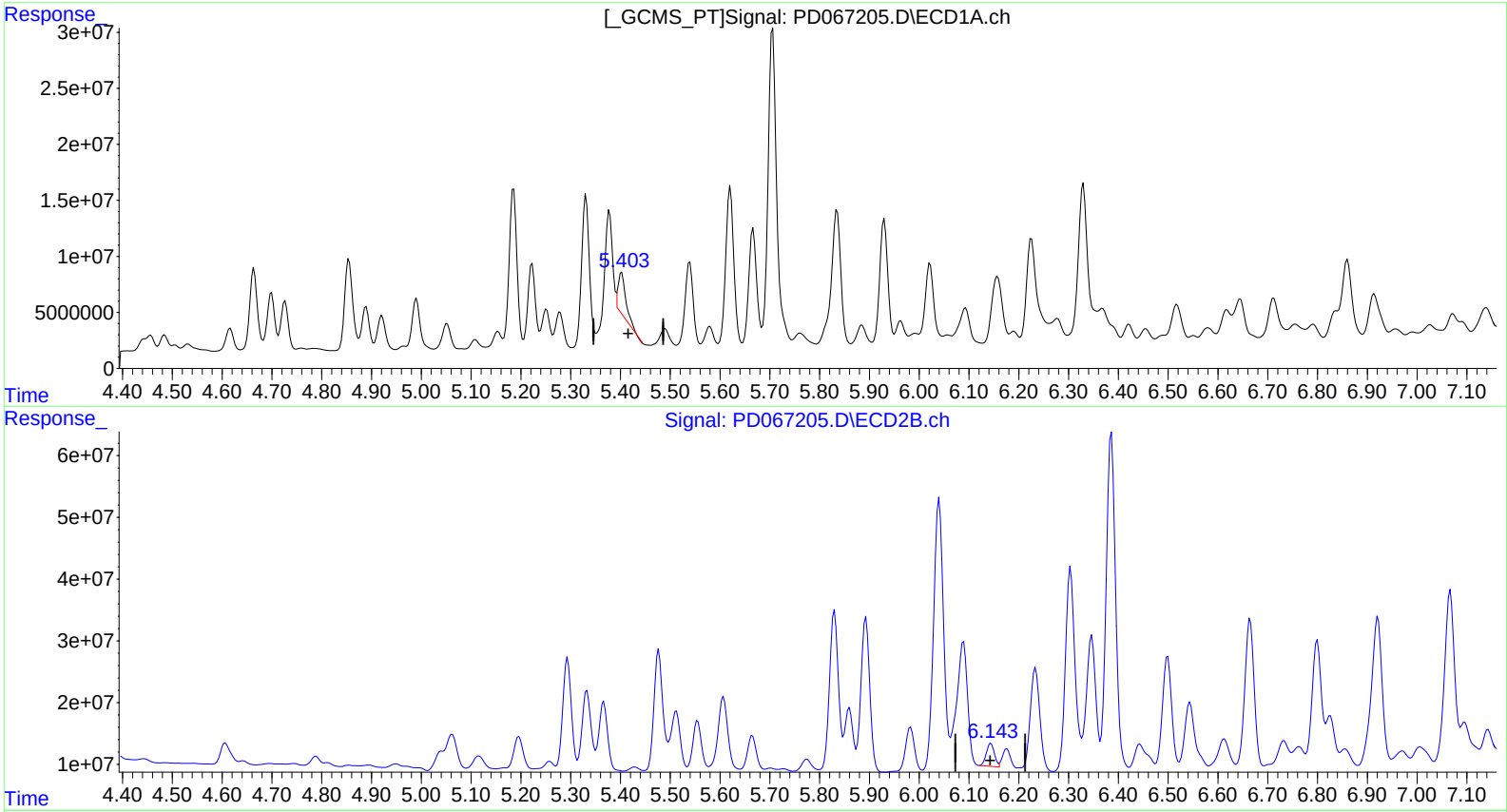
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:55:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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



QEdit

(11) cis-Chlordane (B)

5.403min 12.877 ng/ml

response 35731340

(11) cis-Chlordane #2 (B)

6.144min 5.749 ng/ml

response 42532457

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
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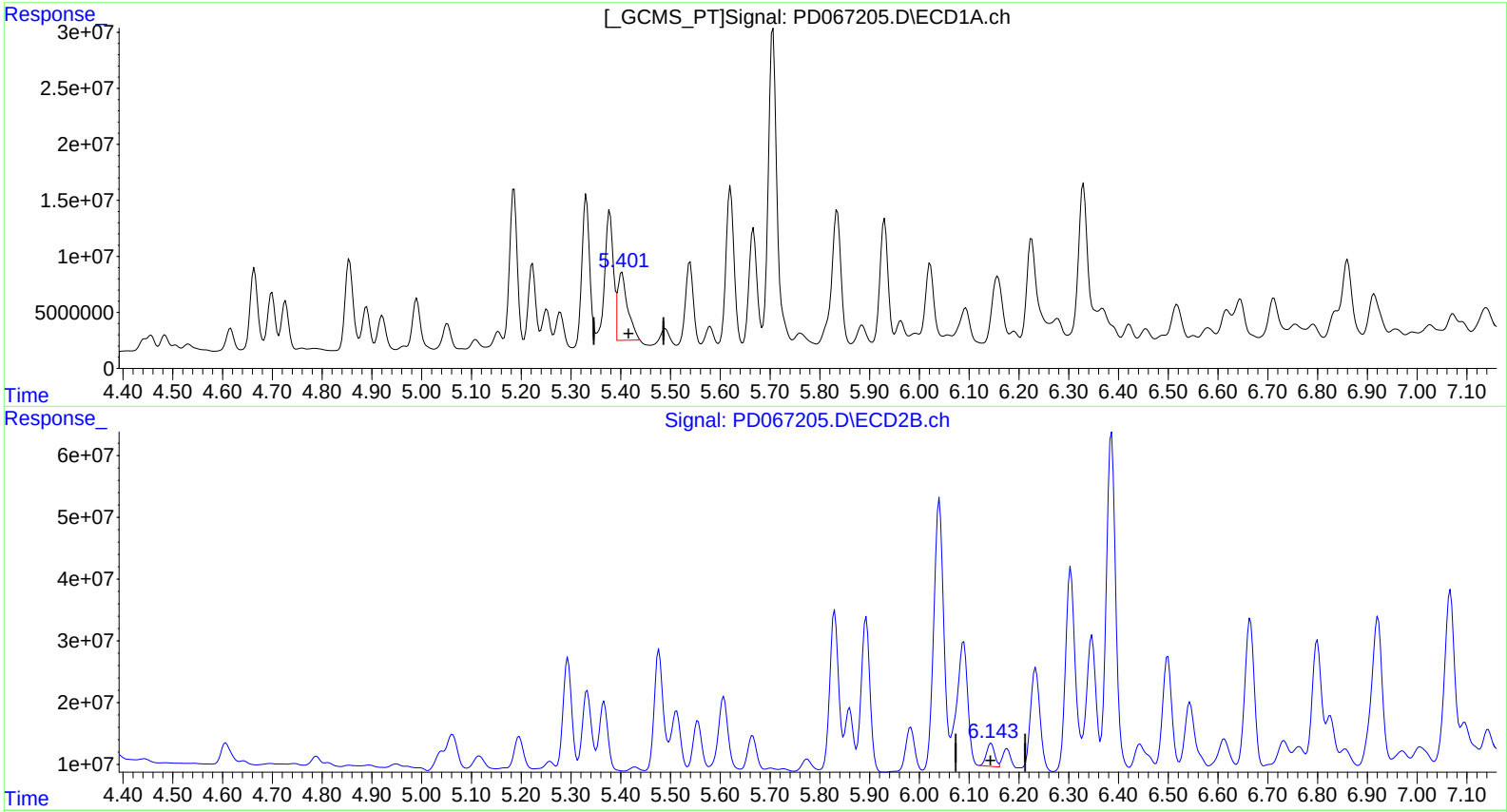
Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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



QEdit

(11) cis-Chlordane (B)

5.401min 29.652 ng/ml m

response 82280492

(11) cis-Chlordane #2 (B)

6.144min 5.749 ng/ml

response 42532457

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/07/2021

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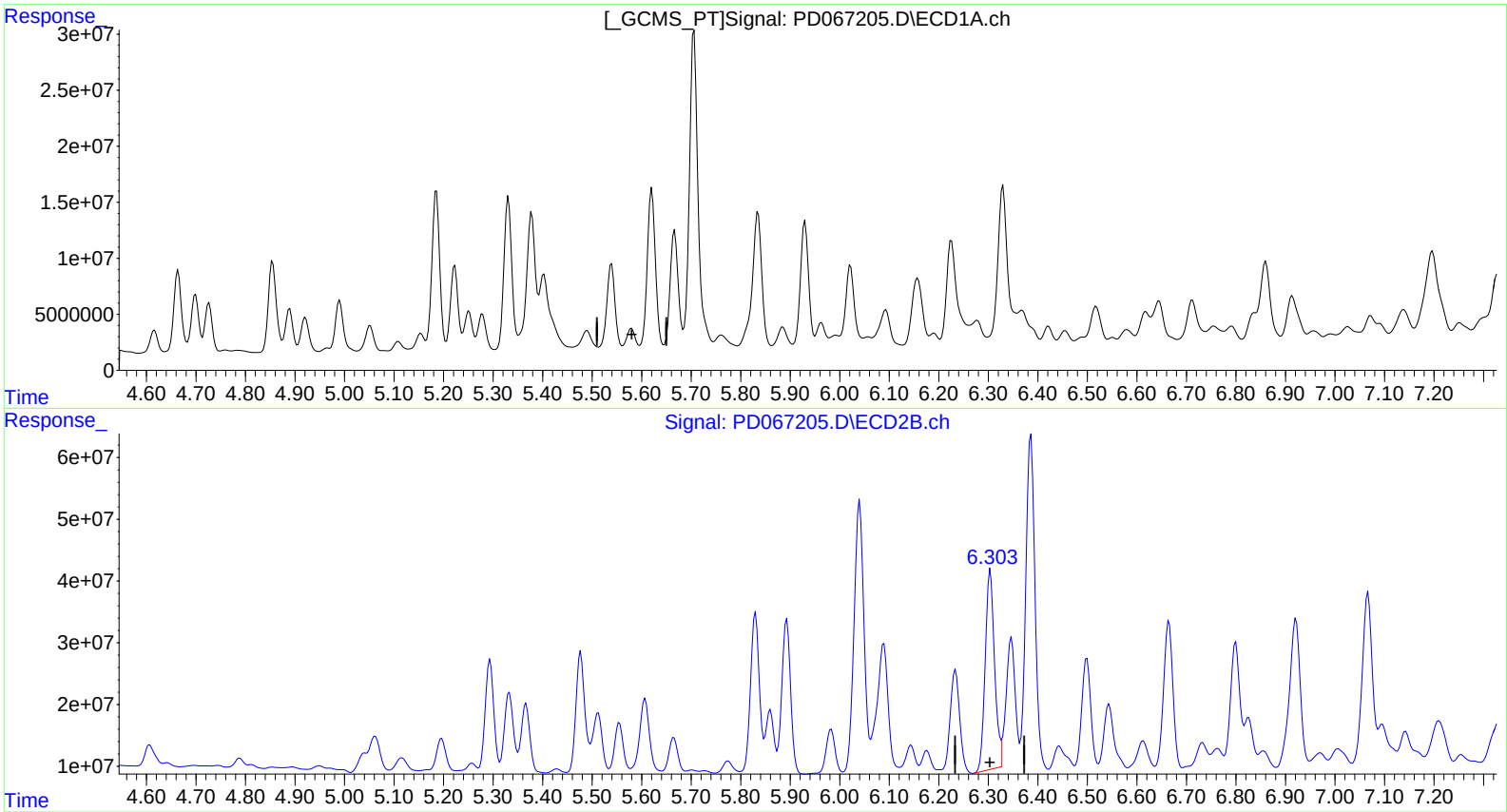

QEdit

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

5.580min -14.601 ng/ml

response -36541922

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

6.304min 63.147 ng/ml

response 423142966

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
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Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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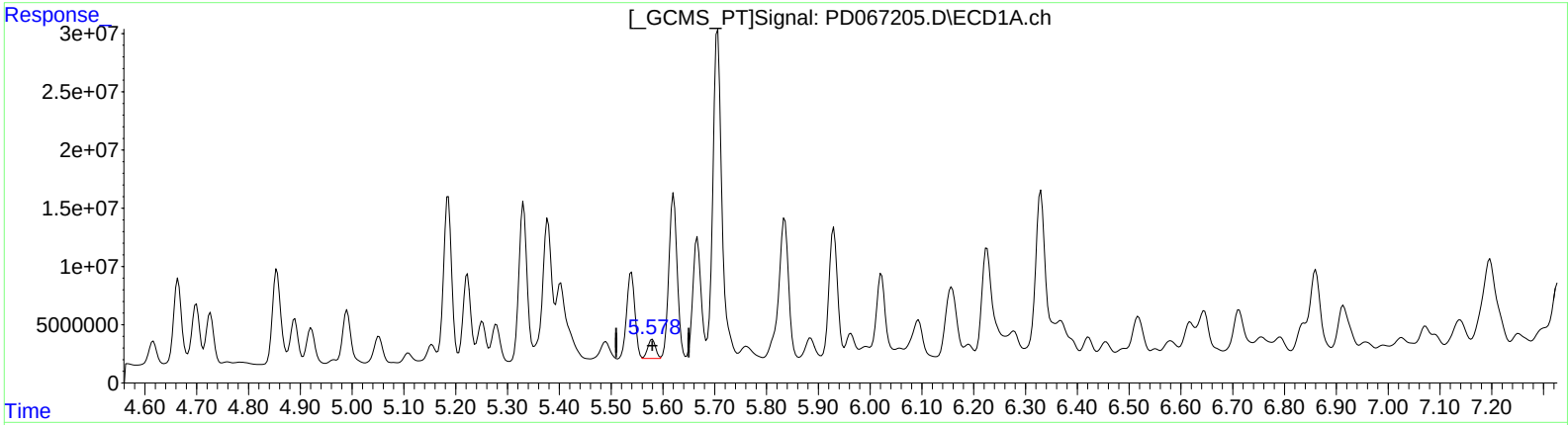

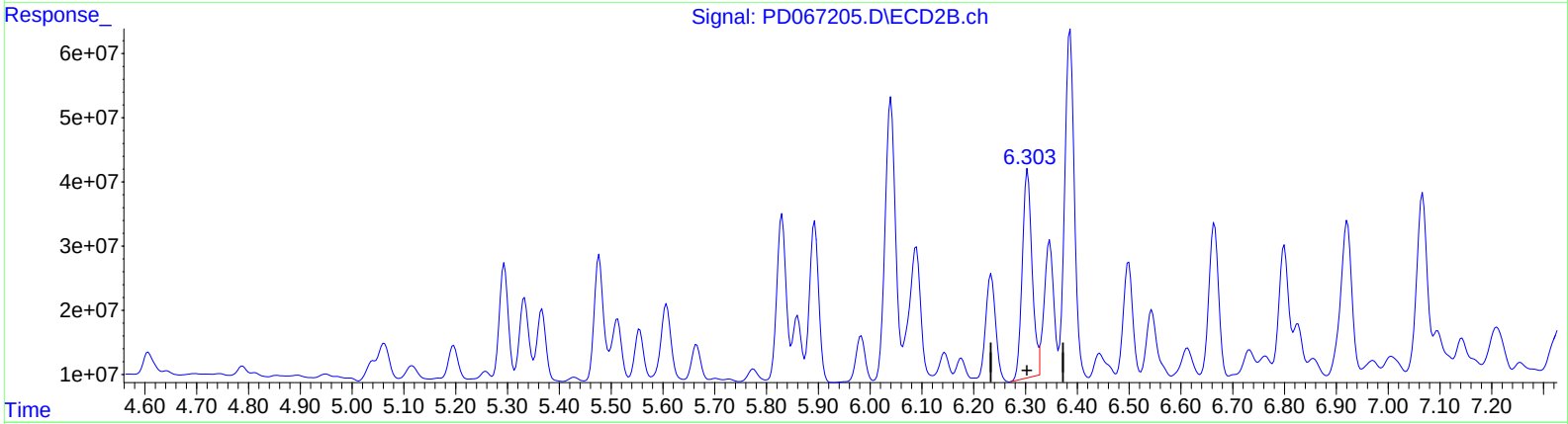

QEdit

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

5.578min 6.895 ng/ml m

response 17255761

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

6.304min 63.147 ng/ml

response 423142966

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M4833-20
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Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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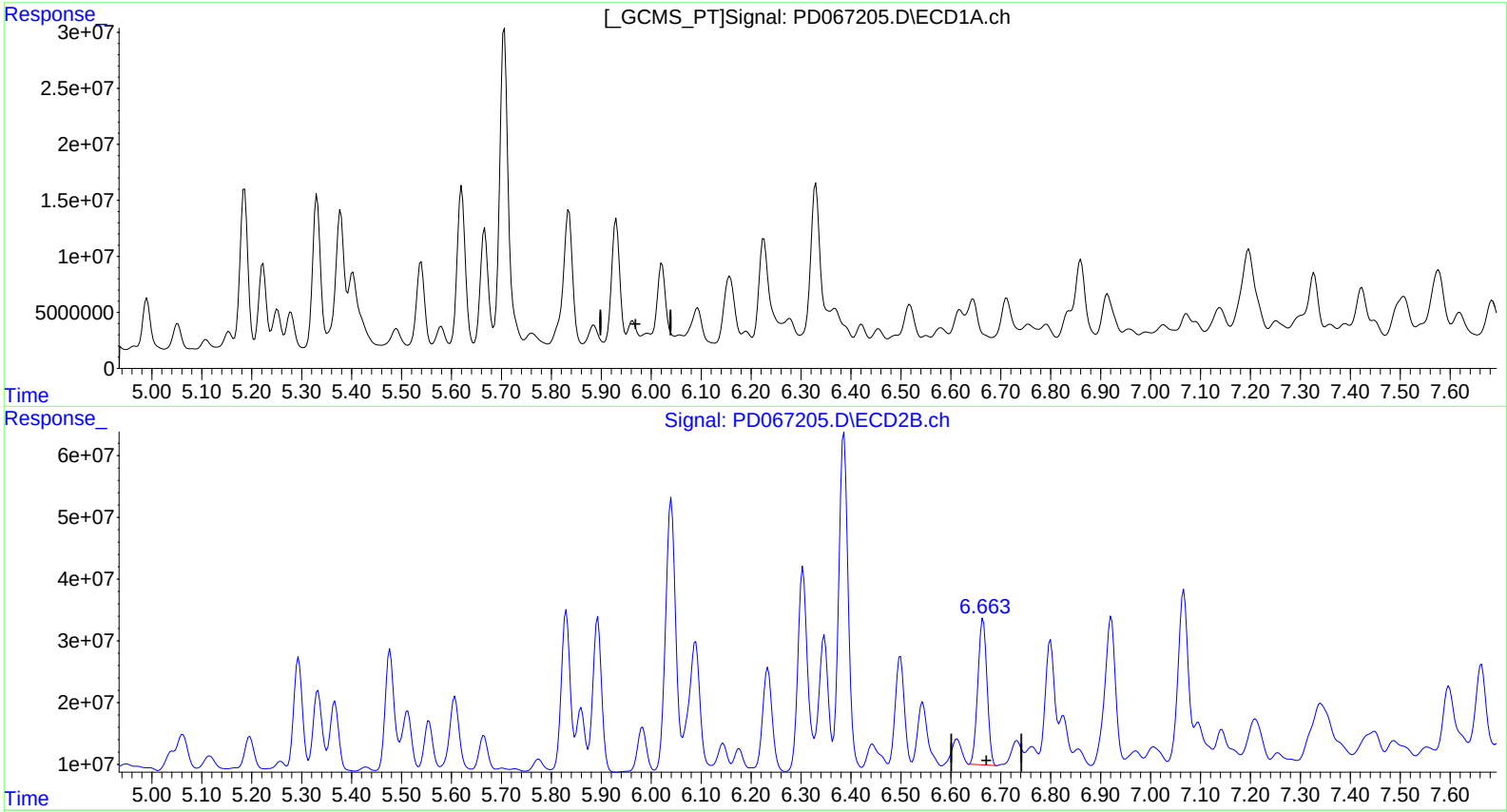

QEdit

(14) Endrin (MA)

5.963min -23.871 ng/ml

response -54590851

(14) Endrin #2 (MA)

6.665min 51.966 ng/ml

response 301486709

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN7

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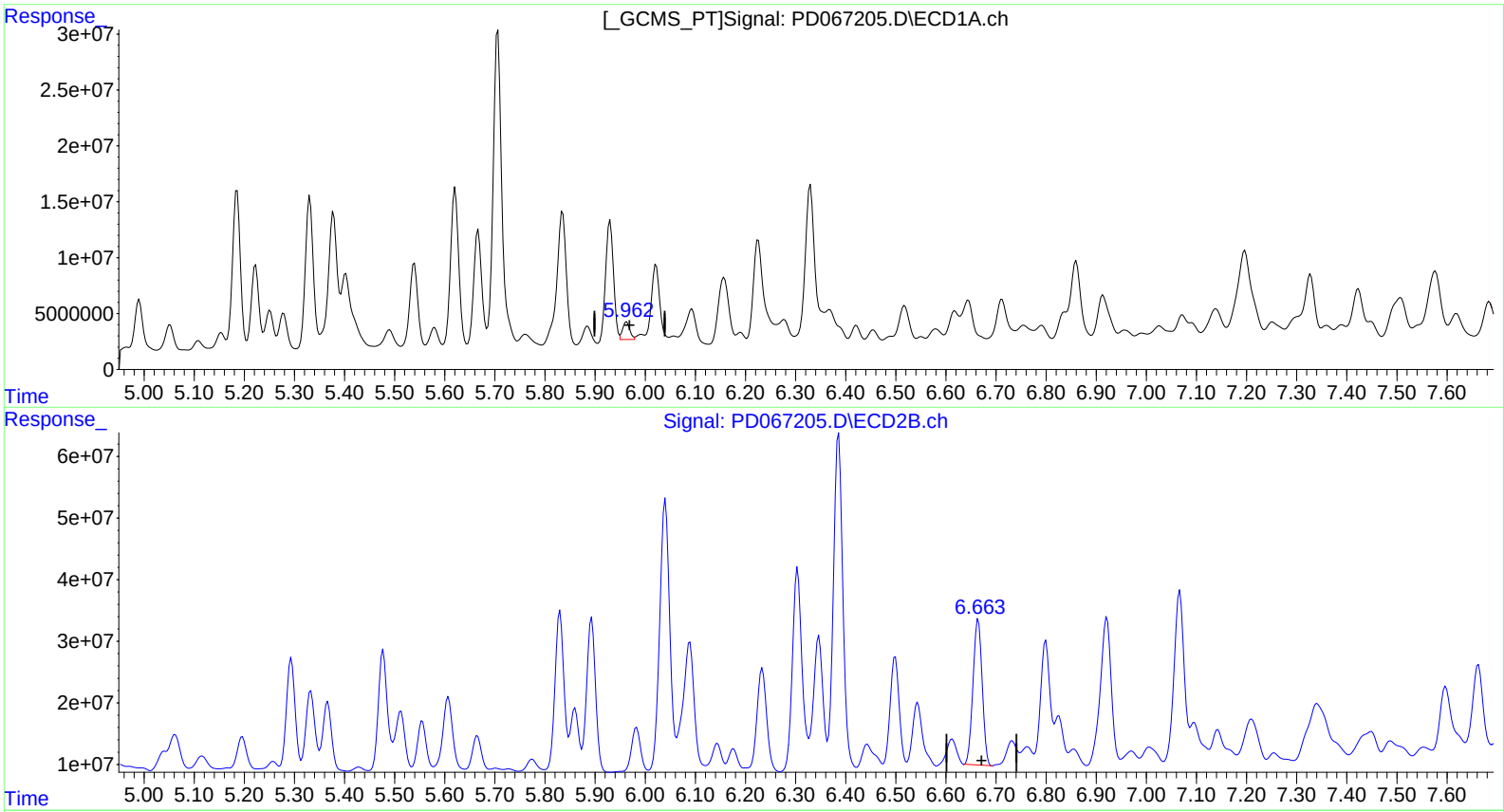
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.962min 6.733 ng/ml m

response 15398164

(14) Endrin #2 (MA)

6.665min 51.966 ng/ml

response 301486709

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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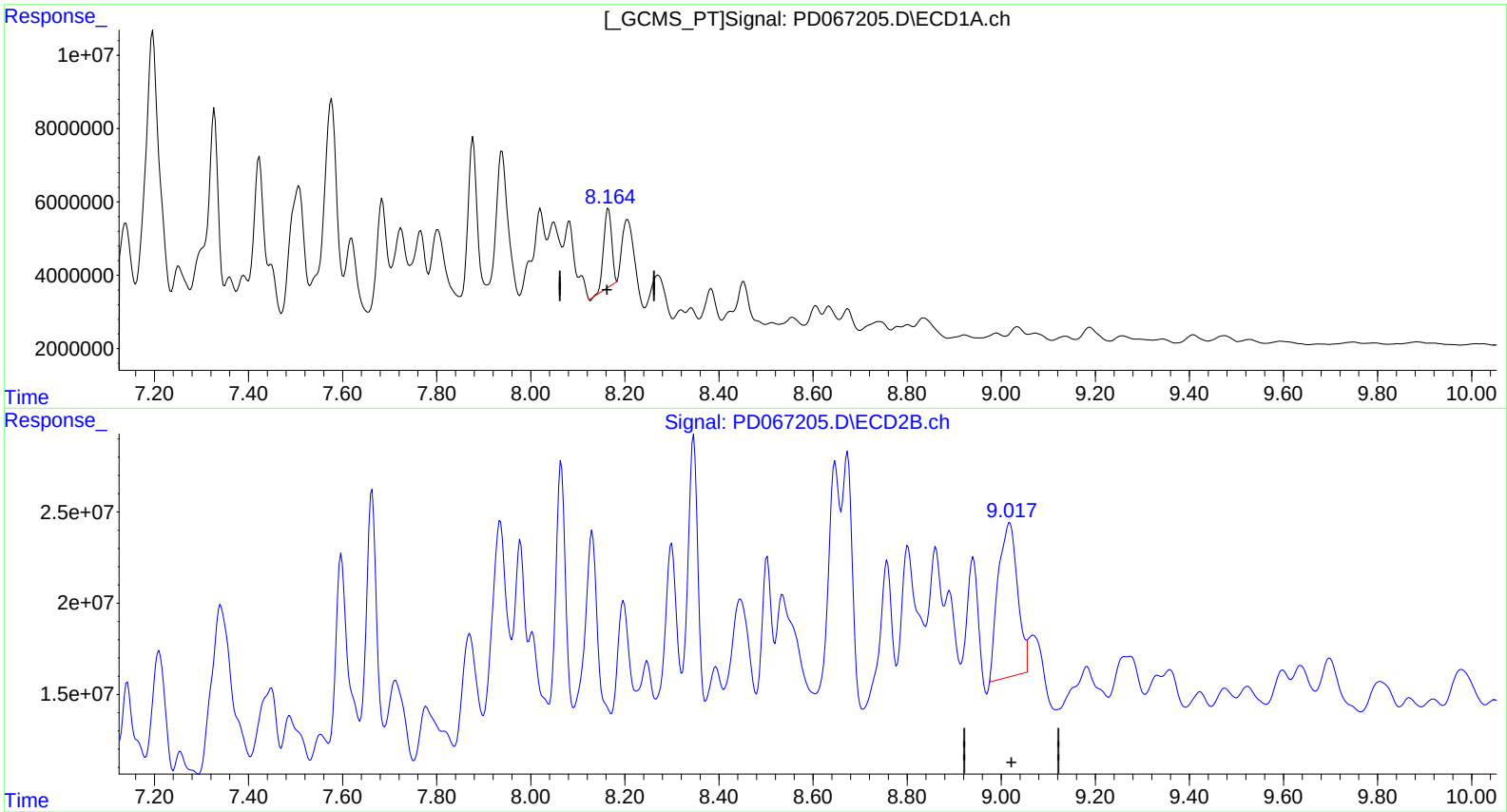

QEdit

(27) Decachlorobiphenyl (SA)

8.165min 21.939 ng/ml

response 24908425

(27) Decachlorobiphenyl #2 (SA)

9.018min 47.373 ng/ml

response 240221953

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Dec 03 04:55:24 2021
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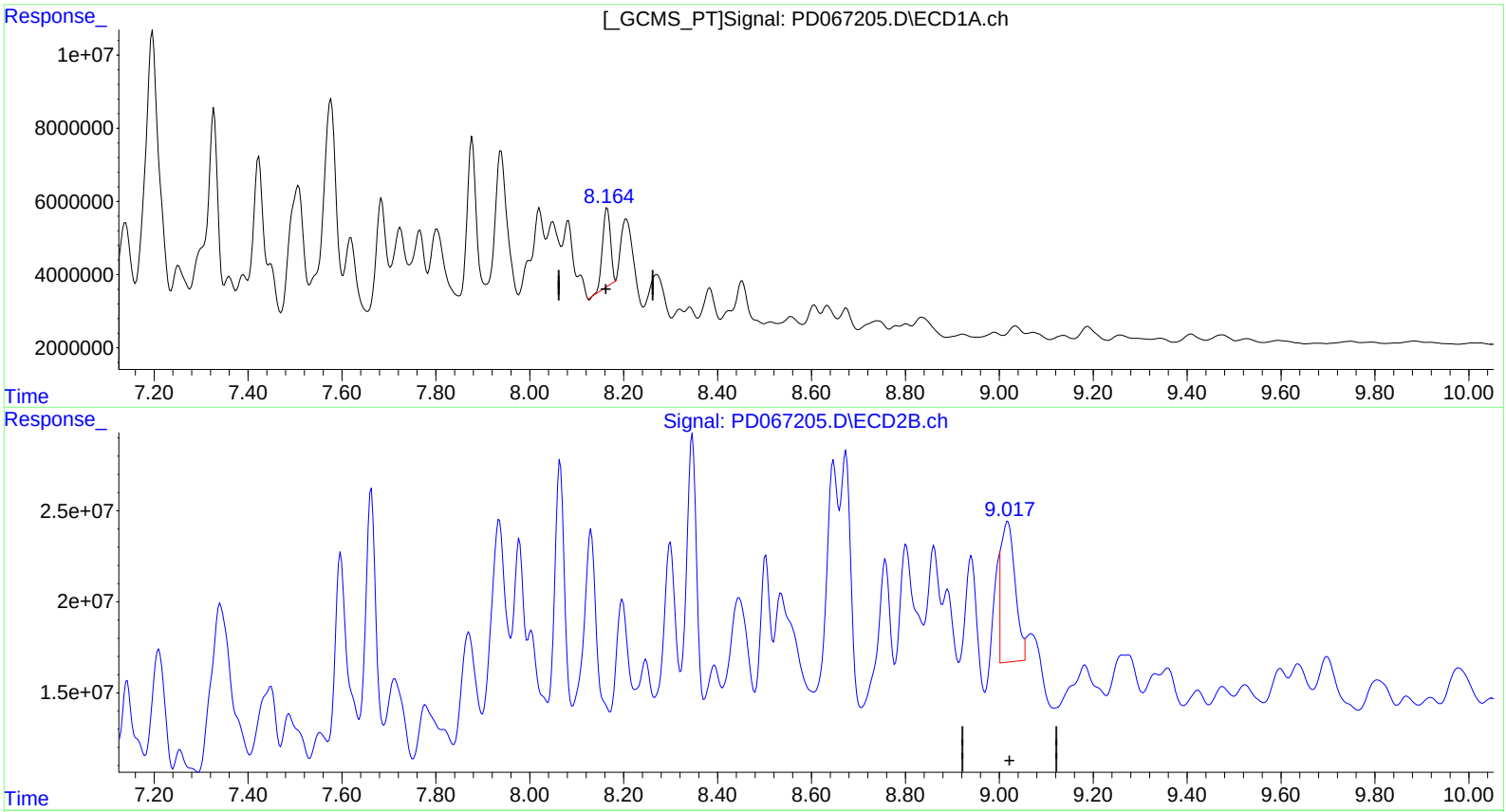
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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



QEdit

(27) Decachlorobiphenyl (SA)

8.165min 21.939 ng/ml

response 24908425

(27) Decachlorobiphenyl #2 (SA)

9.017min 31.090 ng/ml m

response 157655268

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN7

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 01:47:46 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
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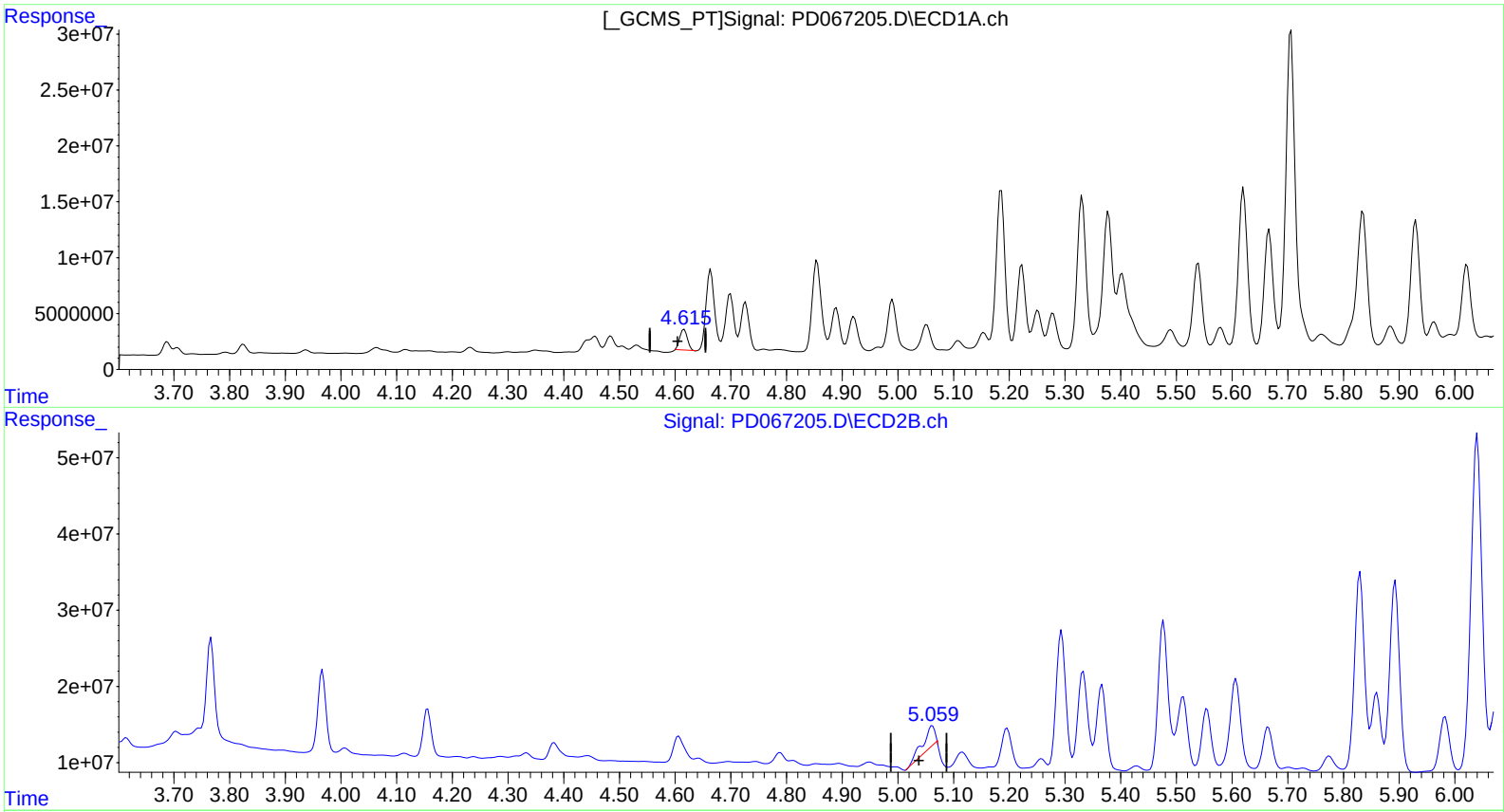
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(7) delta-BHC (B)

4.616min 6.082 ng/ml

response 17396586

(7) delta-BHC #2 (B)

5.062min 4.636 ng/ml

response 41032676

(+) = 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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Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
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Manual IntegrationsAPPROVED

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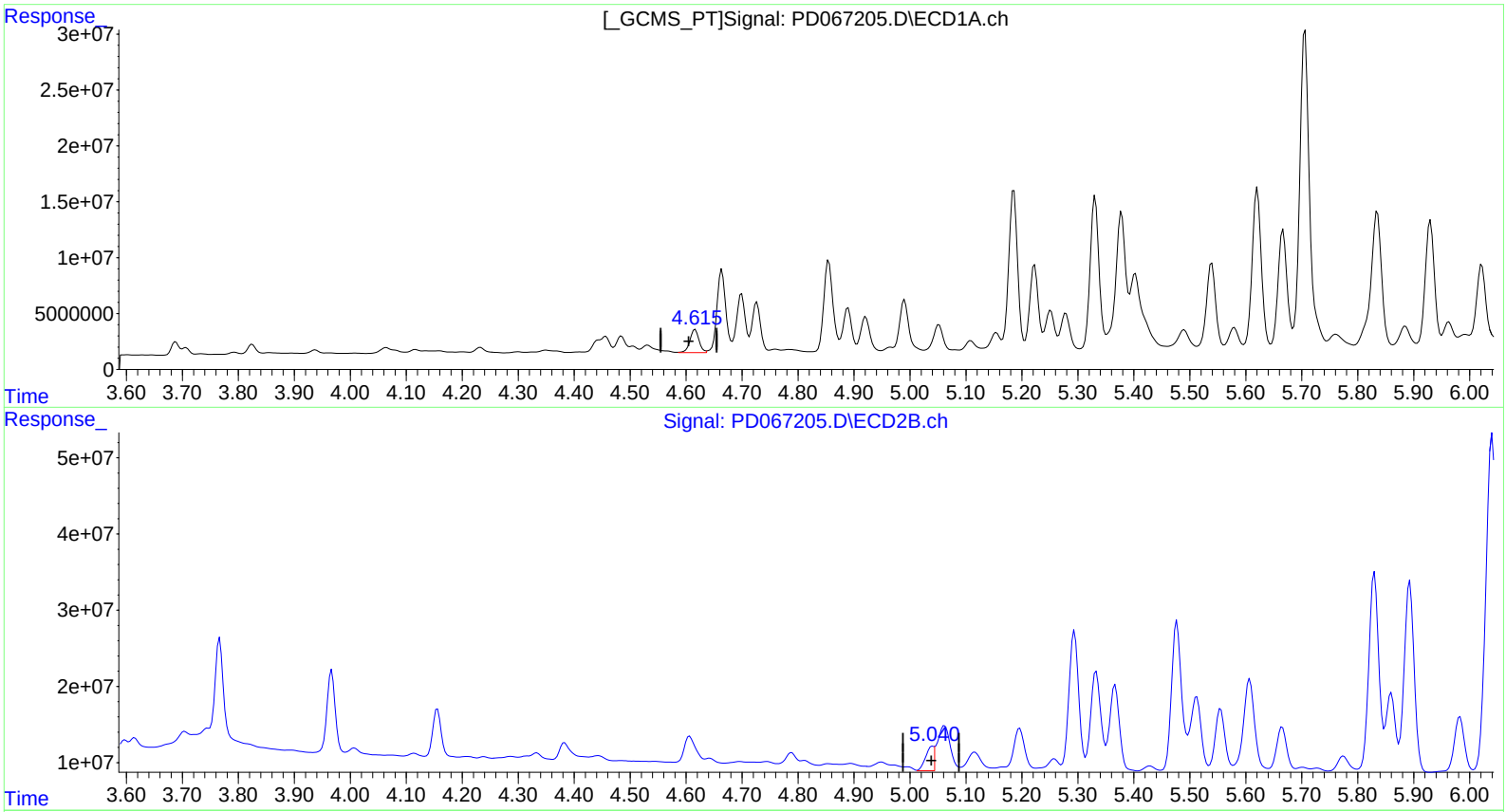
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(7) delta-BHC (B)

4.615min 8.186 ng/ml m

response 23414900

(7) delta-BHC #2 (B)

5.040min 3.991 ng/ml m

response 35324479

(+) = Expected Retention Time

Quantitation Report (Qedit)

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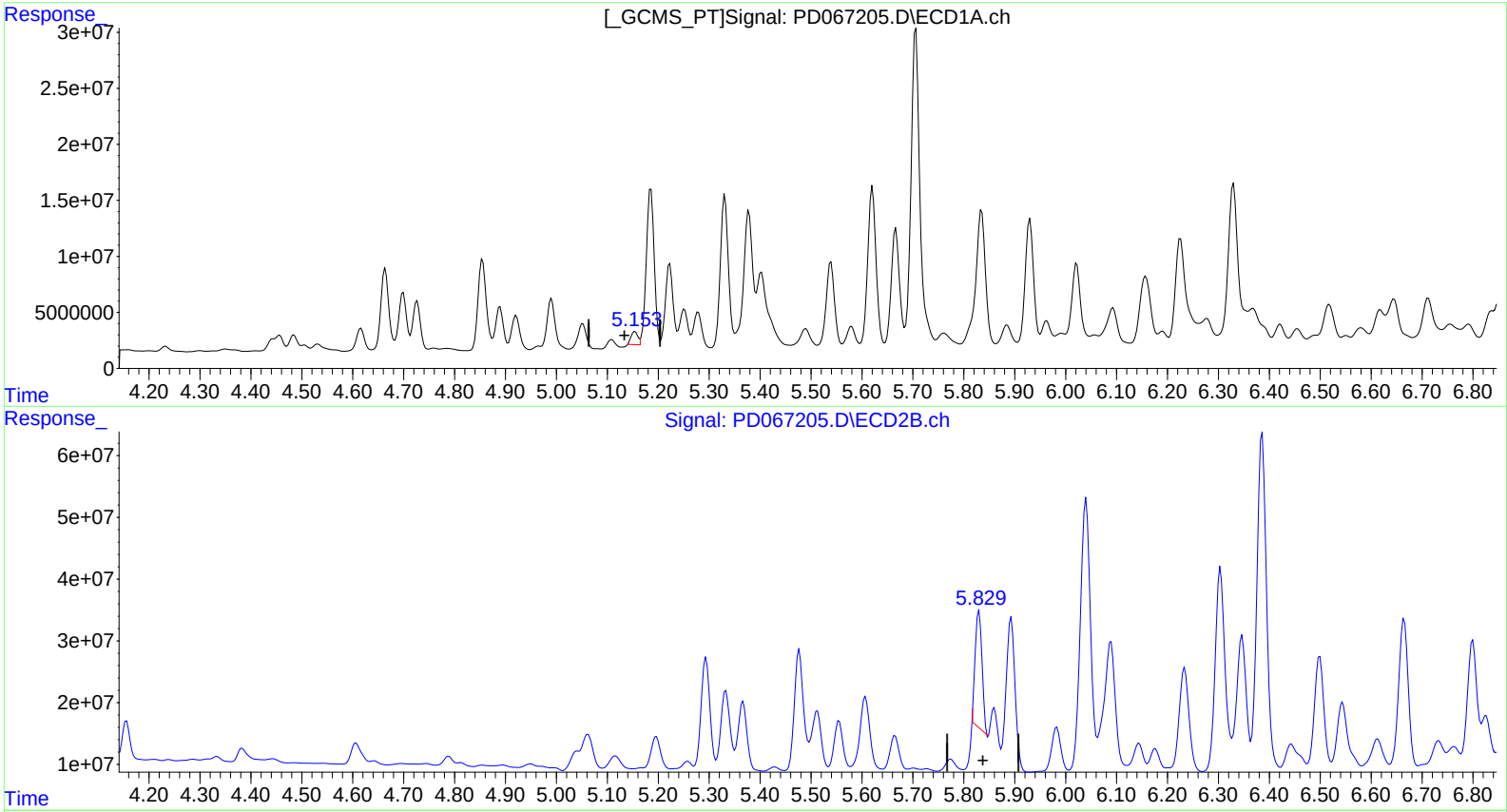

QEdit

(8) Heptachlor epoxide (B)

5.154min 3.869 ng/ml

response 10684507

(8) Heptachlor epoxide #2 (B)

5.830min 25.352 ng/ml

response 177684953

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ECD_D
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ESQN7

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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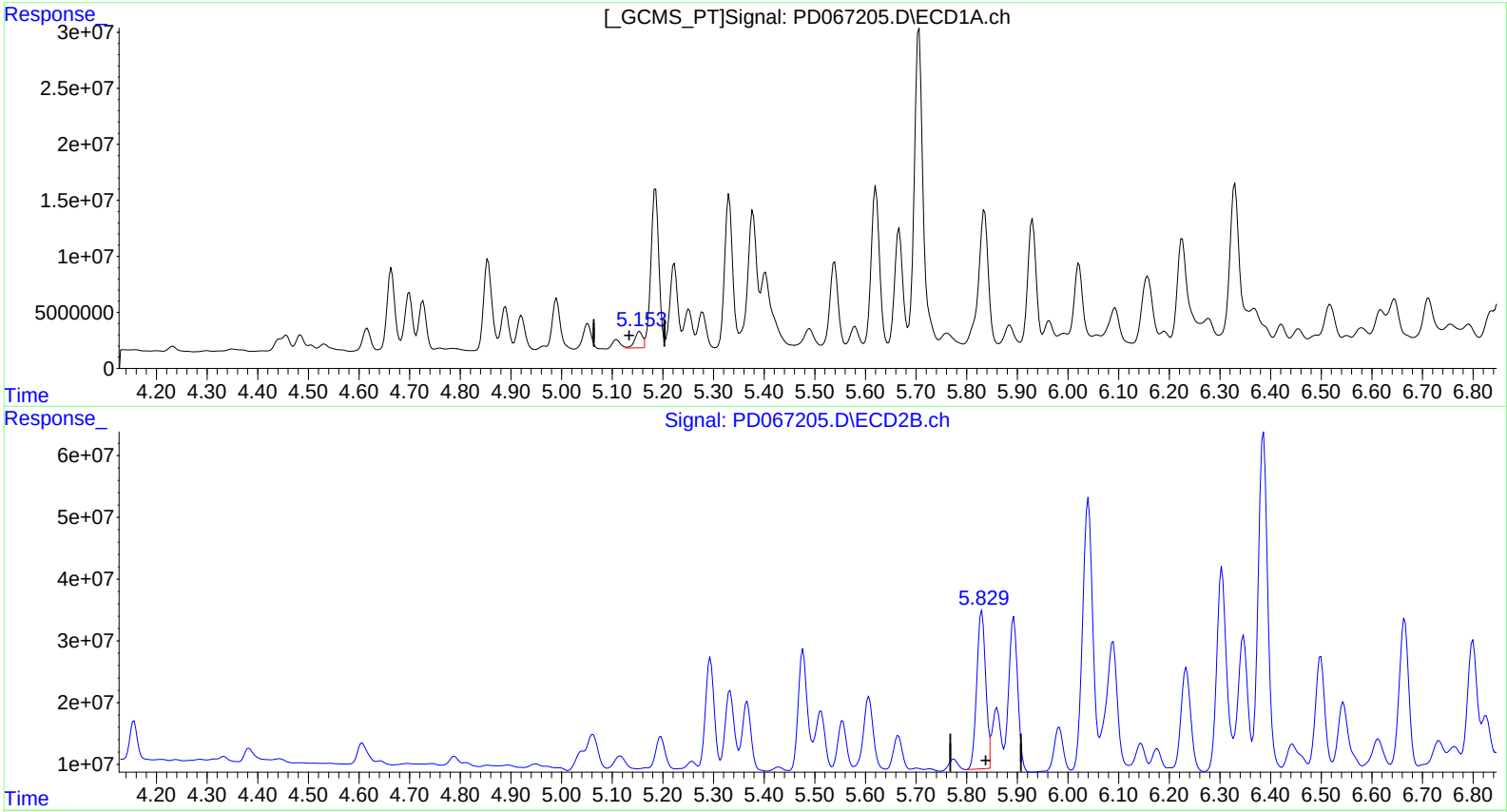

QEdit

(8) Heptachlor epoxide (B)

5.153min 5.977 ng/ml m

response 16507150

(8) Heptachlor epoxide #2 (B)

5.829min 46.105 ng/ml m

response 323140428

(+) = 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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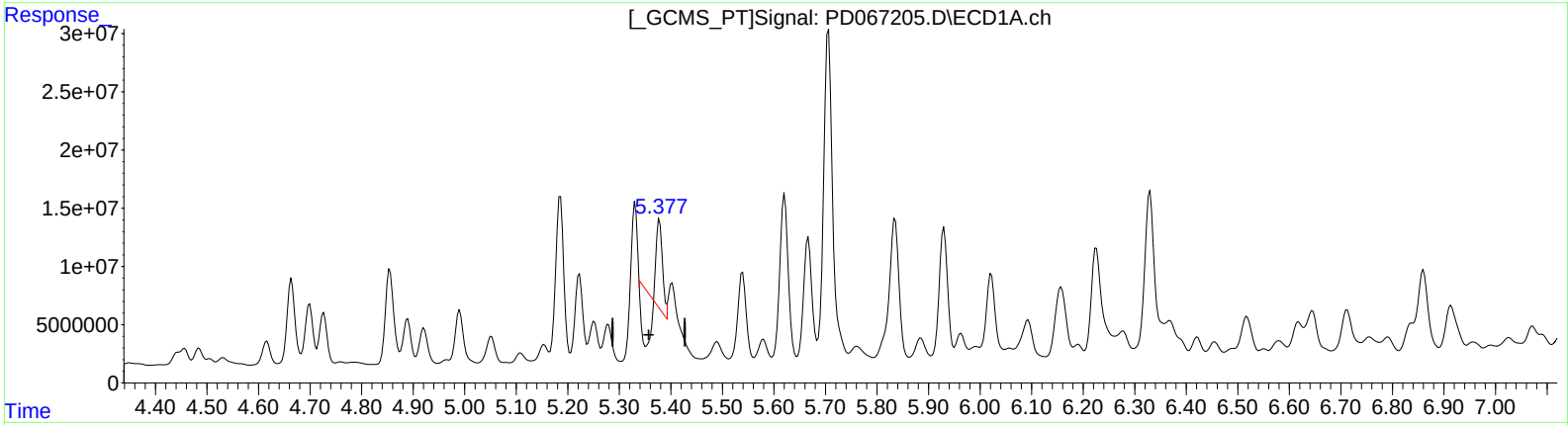

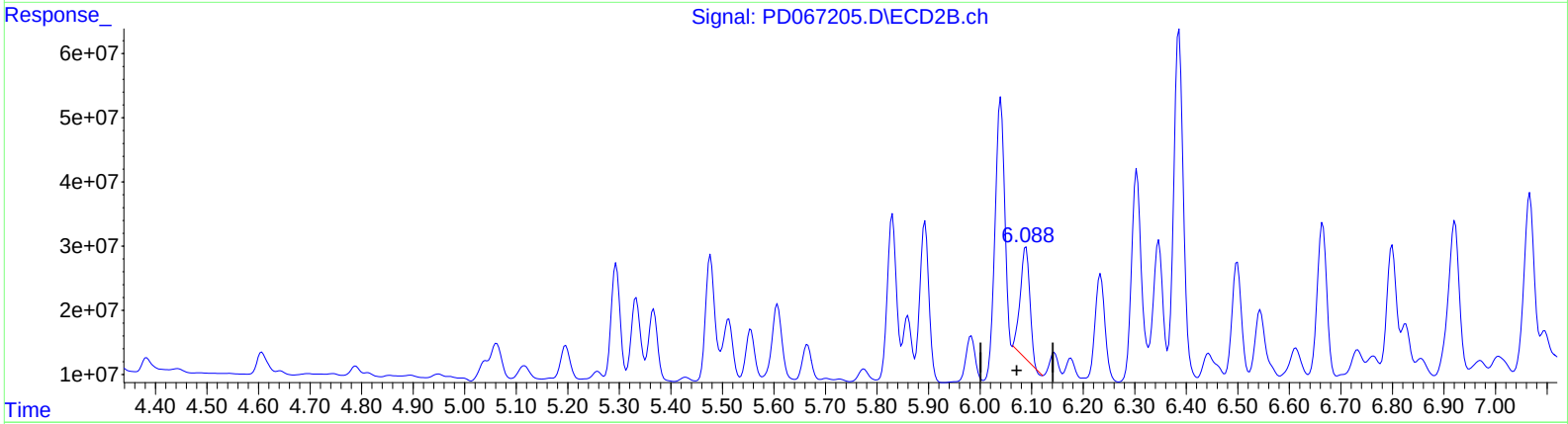

QEdit

(10) trans-Chlordane (B)

5.378min 9.221 ng/ml

response 25982025

(10) trans-Chlordane #2 (B)

6.089min 29.382 ng/ml

response 223009201

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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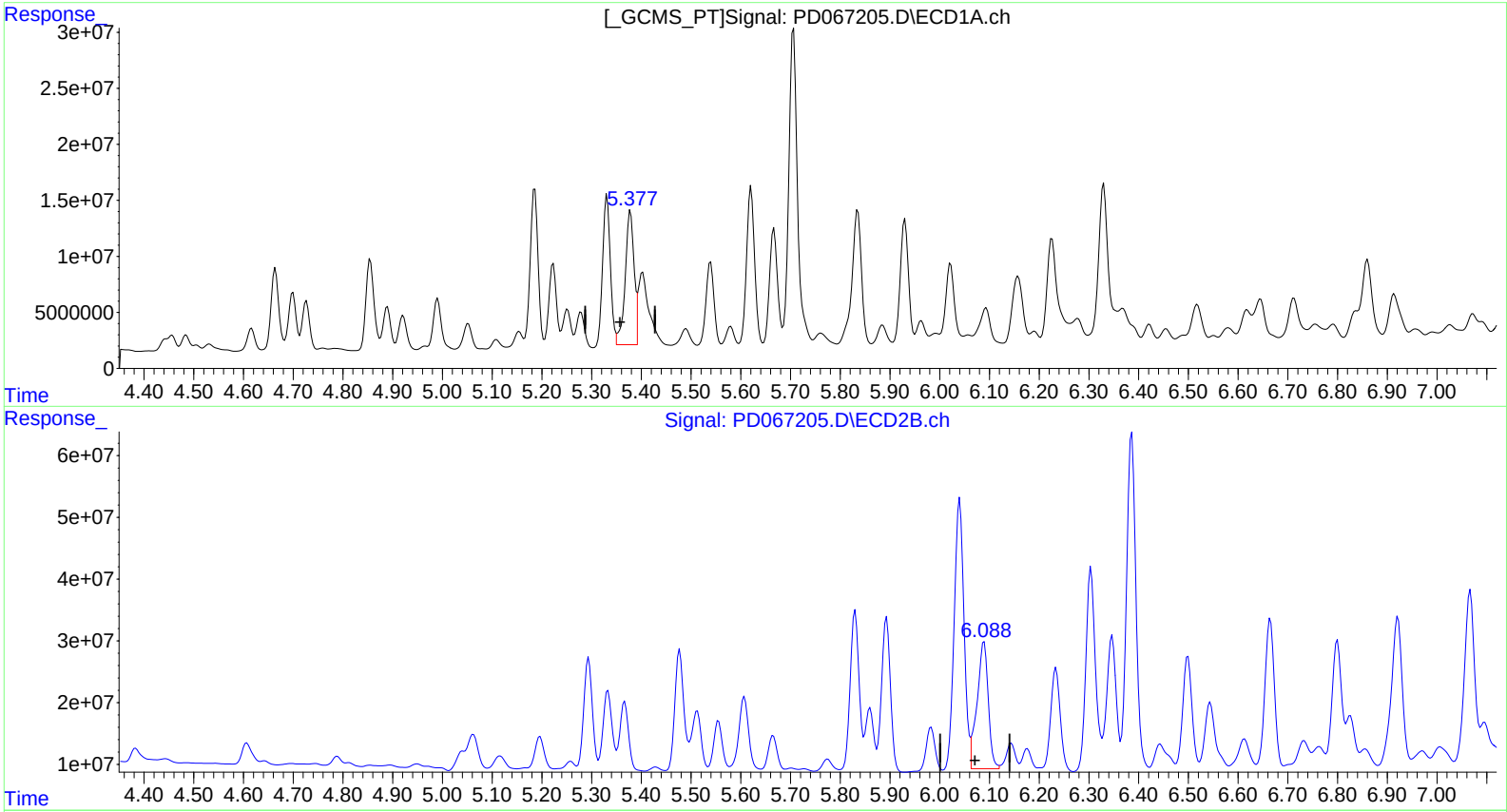


QEdit

(10) trans-Chlordane (B)

5.377min 51.116 ng/ml m

response 144022932

(10) trans-Chlordane #2 (B)

6.088min 41.914 ng/ml m

response 318121963

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

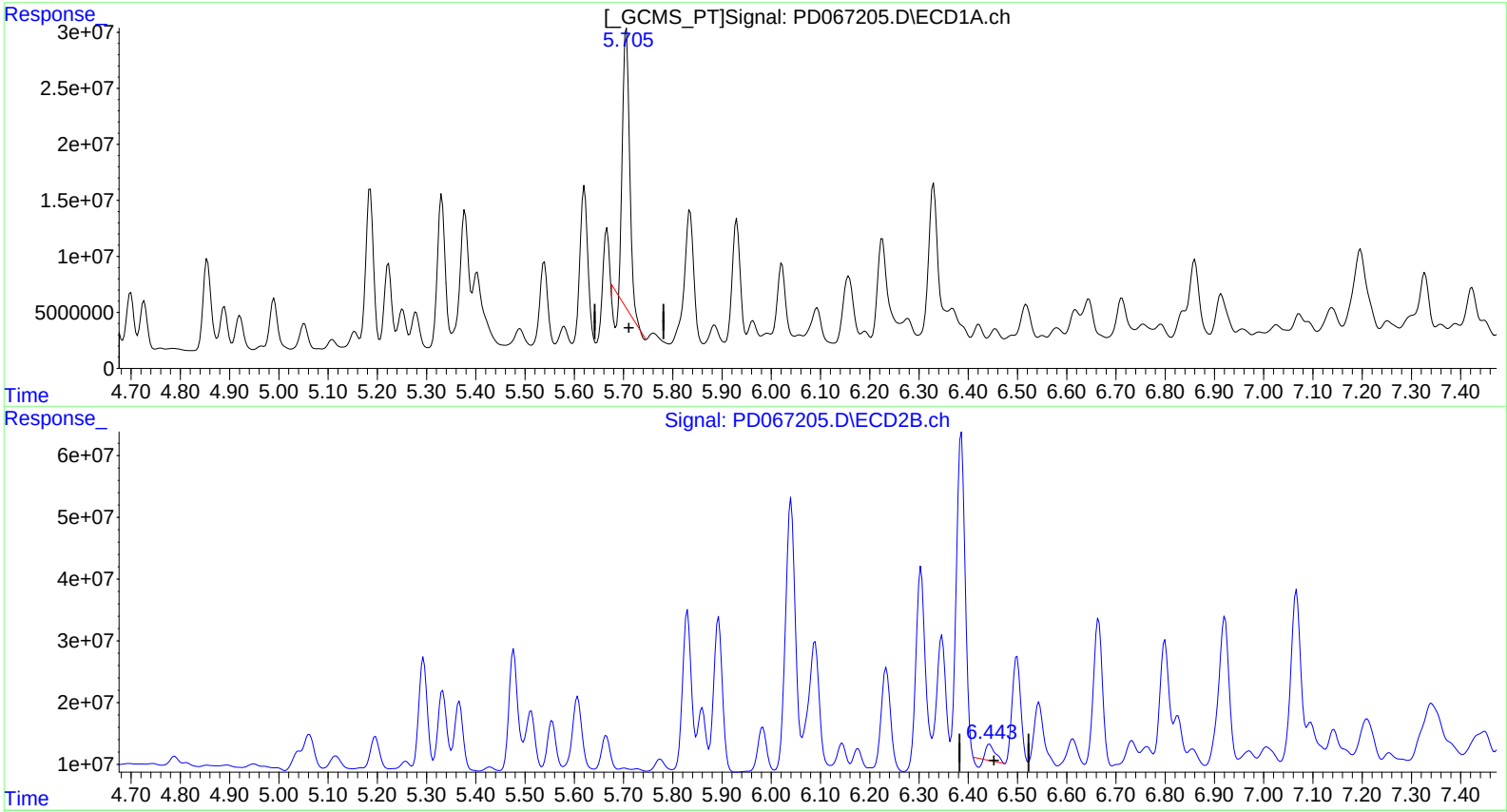
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 01:47:46 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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 :
ESQN7

Manual IntegrationsAPPROVED

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



QEdit

(13) Dieldrin (MA)

5.706min 82.109 ng/ml

response 236443453

(13) Dieldrin #2 (MA)

6.443min 3.594 ng/ml

response 26741847

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

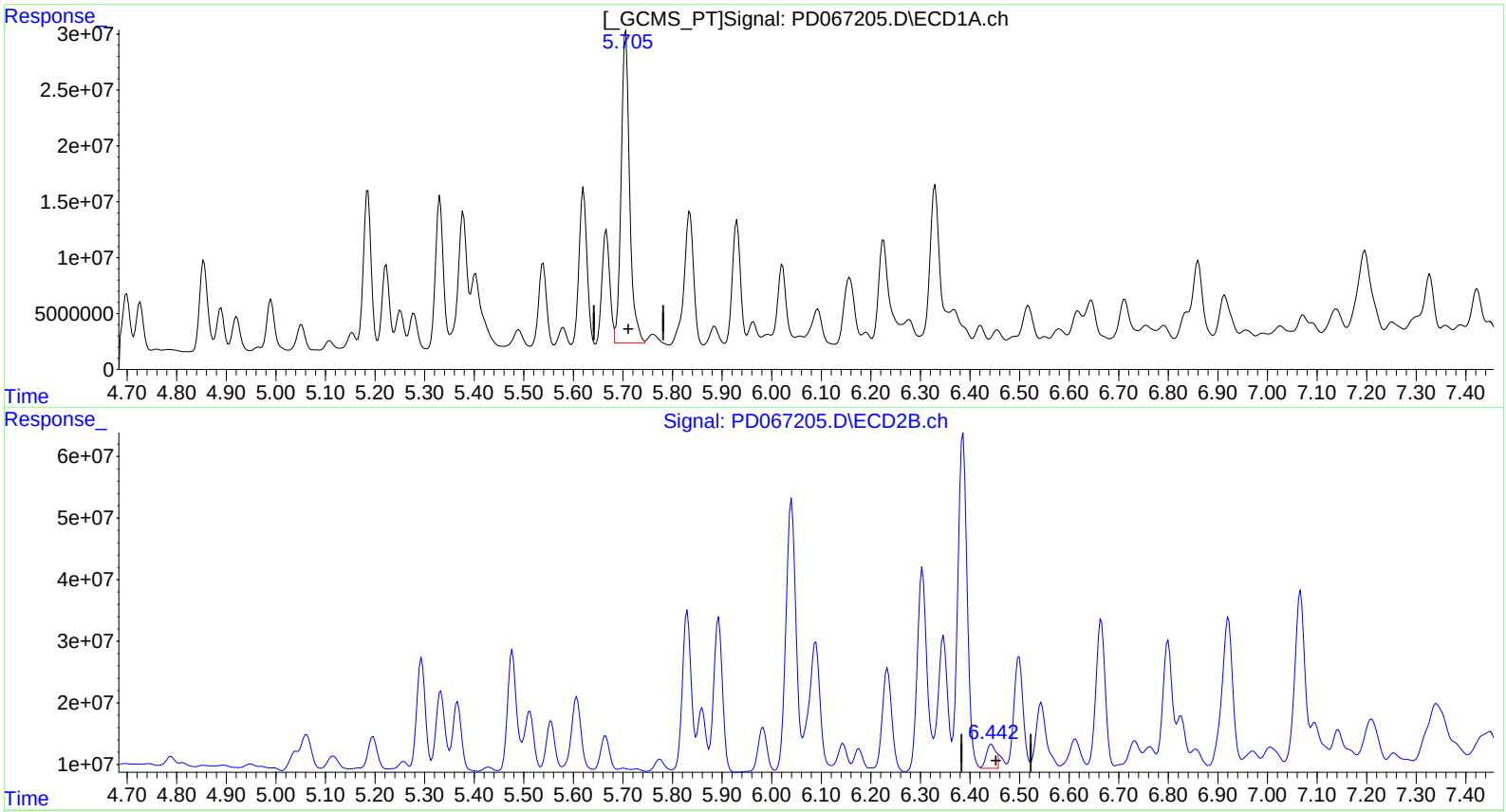
Instrument :
ECD_D
ClientSampleId :
ESQN7

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 04:55:24 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



QEdit

(13) Dieldrin (MA)

5.705min 115.878 ng/ml m

response 333684399

(13) Dieldrin #2 (MA)

6.442min 7.244 ng/ml m

response 53902599

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQN7

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 Time: Dec 07 01:47:46 2021
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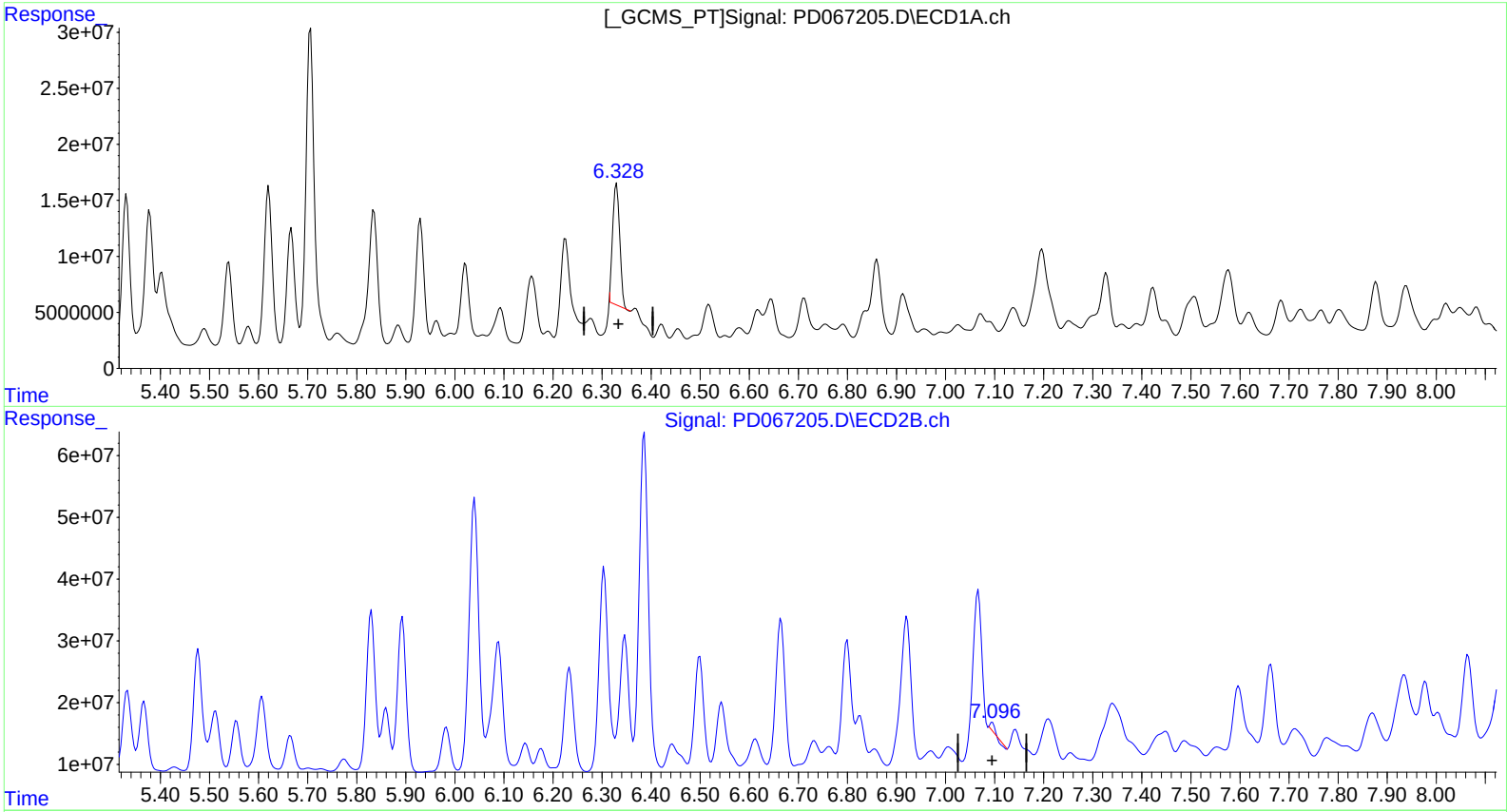
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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



QEdit

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

6.330min 50.905 ng/ml

response 108210377

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

7.096min 1.165 ng/ml

response 6711977

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

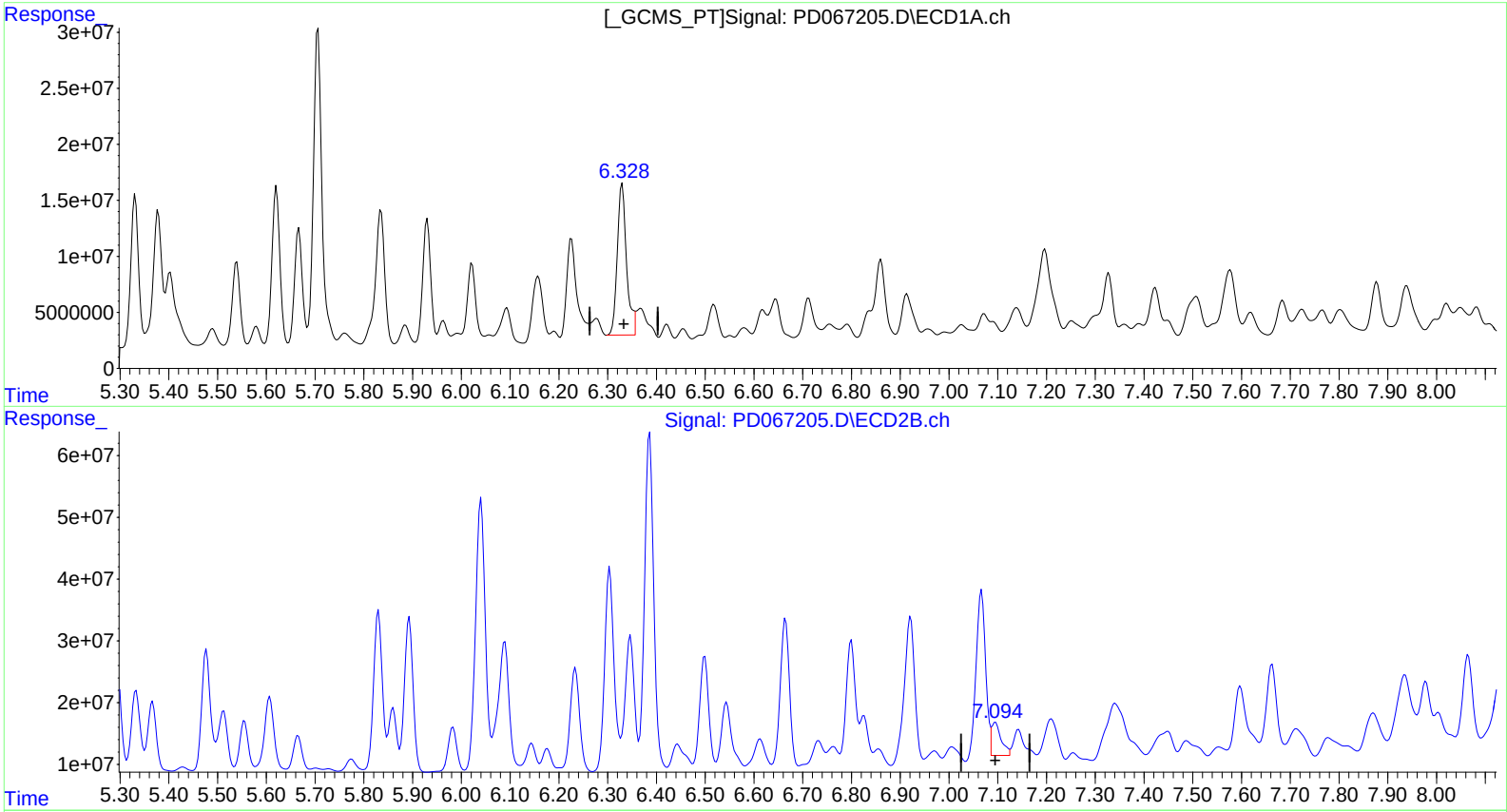
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:55:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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



QEdit

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

6.328min 85.859 ng/ml m

response 182513769

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

7.094min 12.495 ng/ml m

response 72002072

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 13:21
Operator : AR\AJ
Sample : M4833-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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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

Instrument :
ECD_D
ClientSampleId :
ESQN7

Manual IntegrationsAPPROVED

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.437	3.967	29148541	108.7E6	13.349	13.569
27)	SA Decachlor...	8.165	9.017	24908425	157.7E6	21.939	31.090m#
	Target Compounds						
7)	B delta-BHC	4.615	5.040	23414900	35324479	8.186m	3.991m#
8)	B Heptachlo...	5.153	5.829	16507150	323.1E6	5.977m	46.105m#
10)	B trans-Chl...	5.377	6.088	144.0E6	318.1E6	51.116m	41.914m
11)	B cis-Chlor...	5.401	6.144	82280492	42532457	29.652m	5.749 #
12)	B 4,4'-DDE	5.578	6.304	17255761	423.1E6	6.895m	63.147 #
13)	MA Dieldrin	5.705	6.442	333.7E6	53902599	115.878m	7.244m#
14)	MA Endrin	5.962	6.665	15398164	301.5E6	6.733m	51.966 #
16)	A 4,4'-DDD	6.093	6.800	35503050	234.5E6	16.793	40.091 #
17)	MA 4,4'-DDT	6.328	7.094	182.5E6	72002072	85.859m	12.495m#

AJ 12/3/21

AJ 12/3/21

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