Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

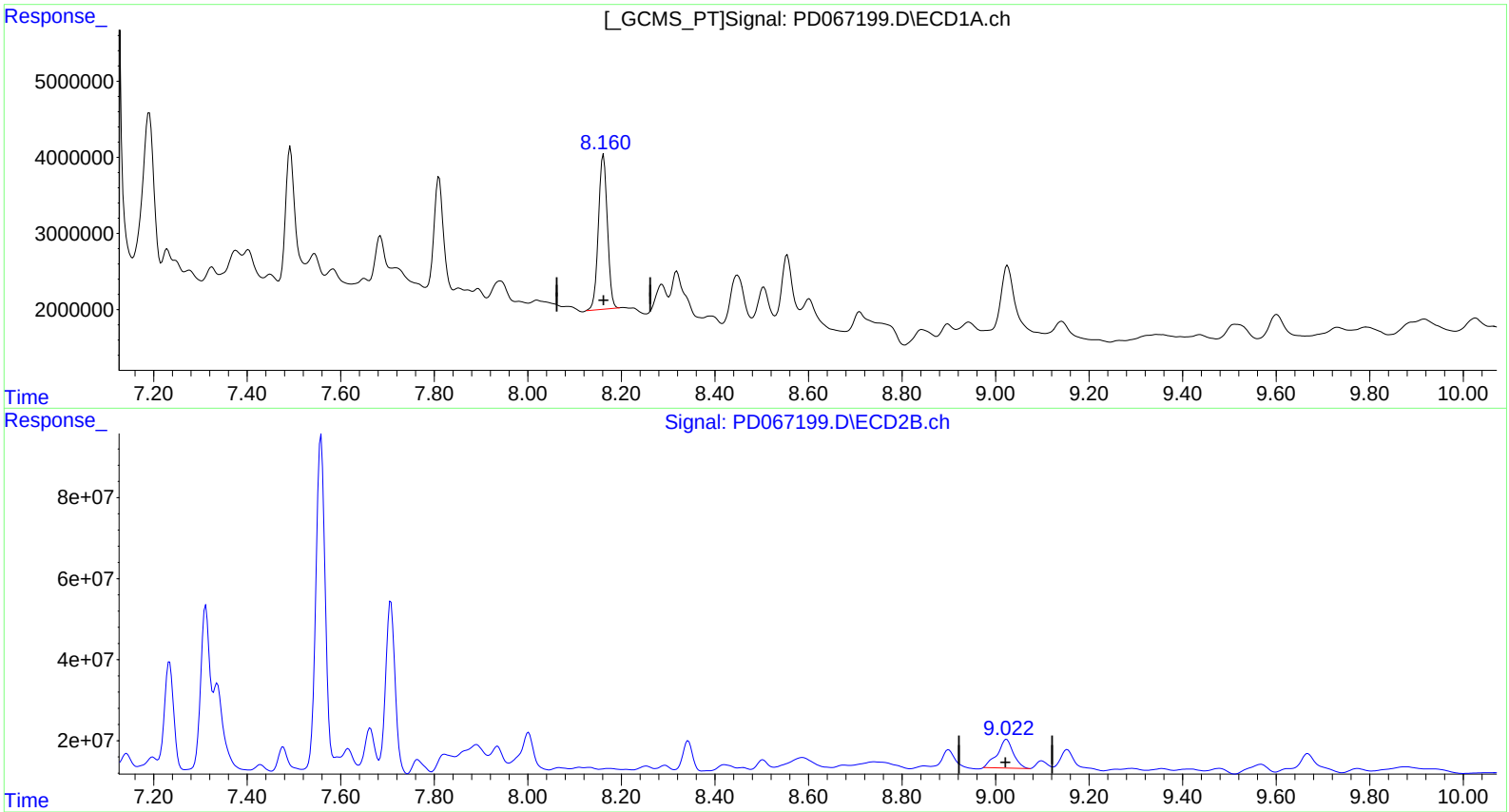
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:54:32 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

(27) Decachlorobiphenyl (SA)

8.162min 23.890 ng/ml

response 27122775

(27) Decachlorobiphenyl #2 (SA)

9.024min 33.350 ng/ml

response 169114632

(+) = 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 11:58
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Sample : M4833-10MSD
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ALS Vial : 15 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

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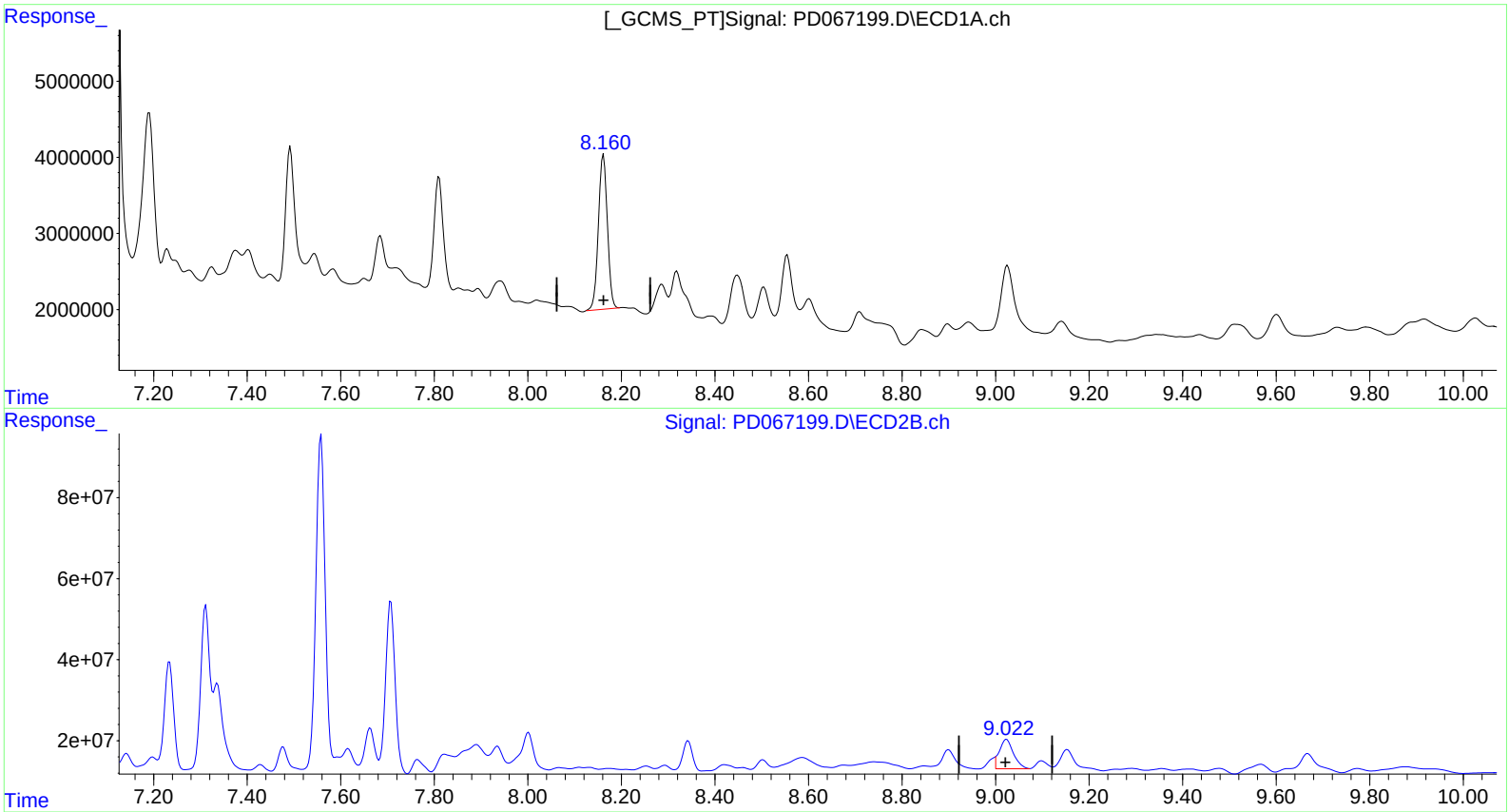

QEdit

(27) Decachlorobiphenyl (SA)

8.162min 23.890 ng/ml

response 27122775

(27) Decachlorobiphenyl #2 (SA)

9.022min 29.675 ng/ml m

response 150475740

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/06/2021

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
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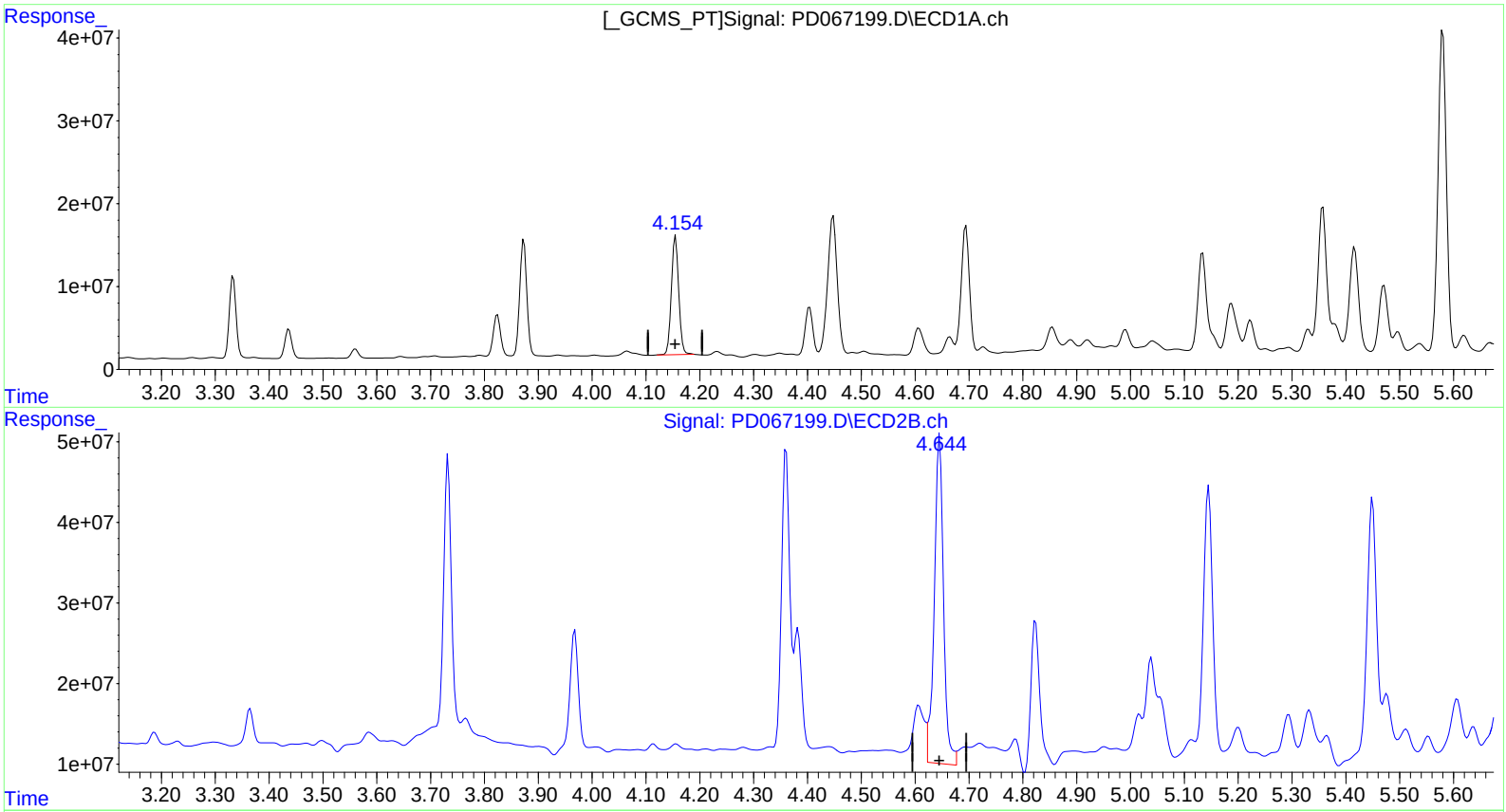
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(3) gamma-BHC (Lindane) (MA)

4.155min 42.660 ng/ml

response 135766821

(3) gamma-BHC (Lindane) #2 (MA)

4.646min 48.207 ng/ml

response 483595369

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
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ALS Vial : 15 Sample Multiplier: 1

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ECD_D
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Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
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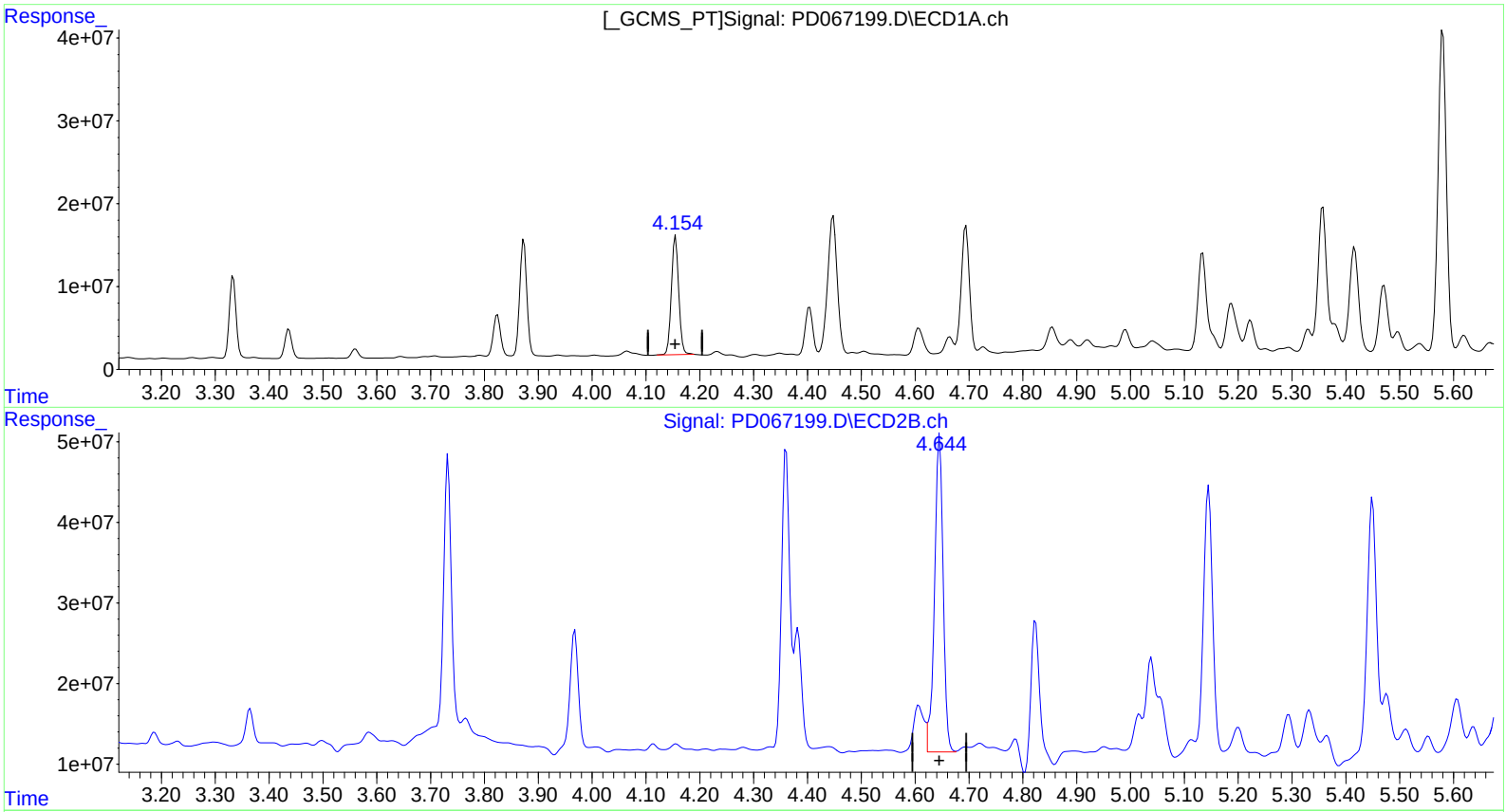
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(3) gamma-BHC (Lindane) (MA)

4.155min 42.660 ng/ml

response 135766821

(3) gamma-BHC (Lindane) #2 (MA)

4.644min 43.263 ng/ml m

response 433996701

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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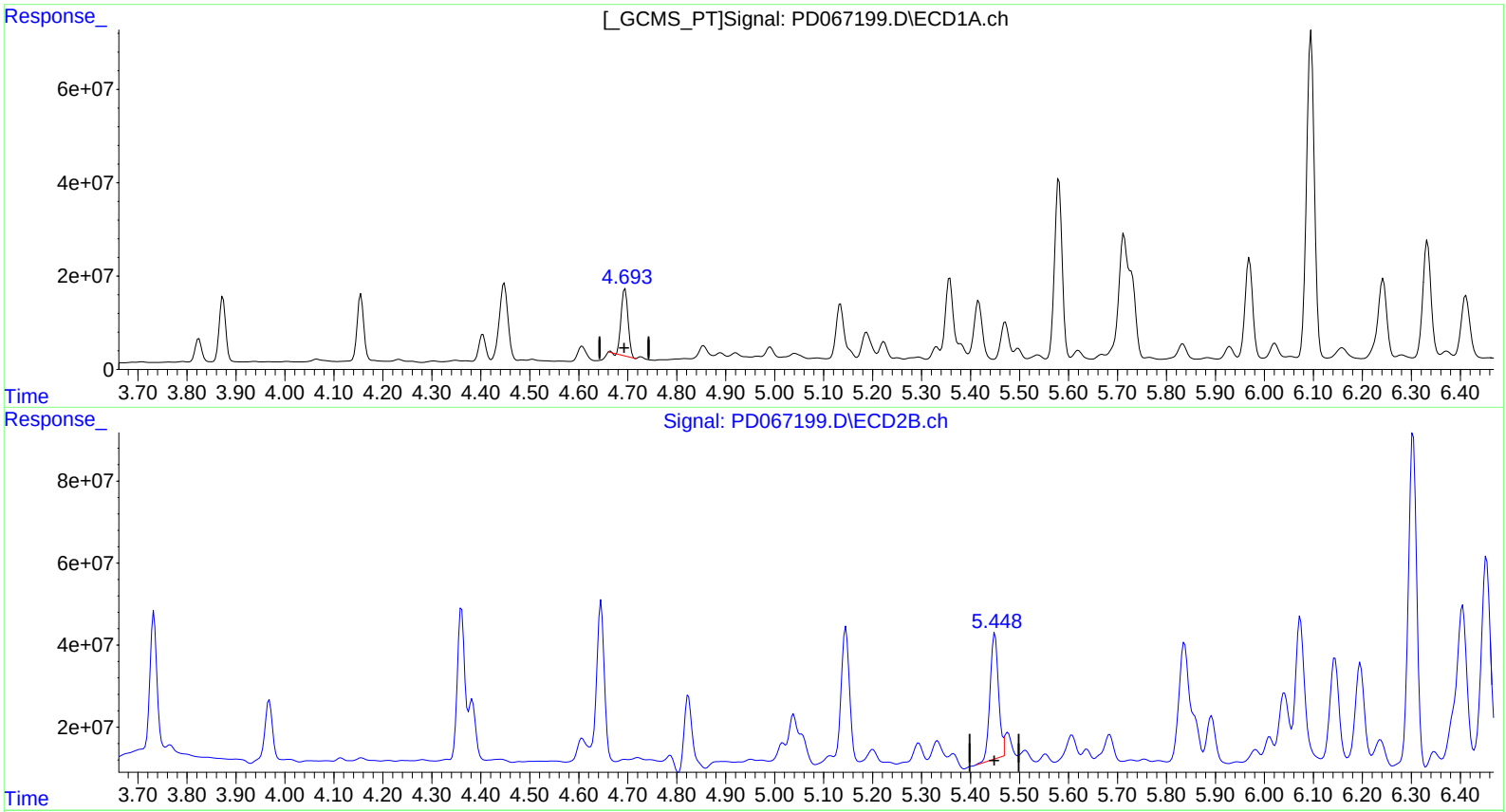

QEdit

(5) Aldrin (MB)

4.695min 45.831 ng/ml

response 141802085

(5) Aldrin #2 (MB)

5.450min 42.510 ng/ml

response 366552667

(+) = 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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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
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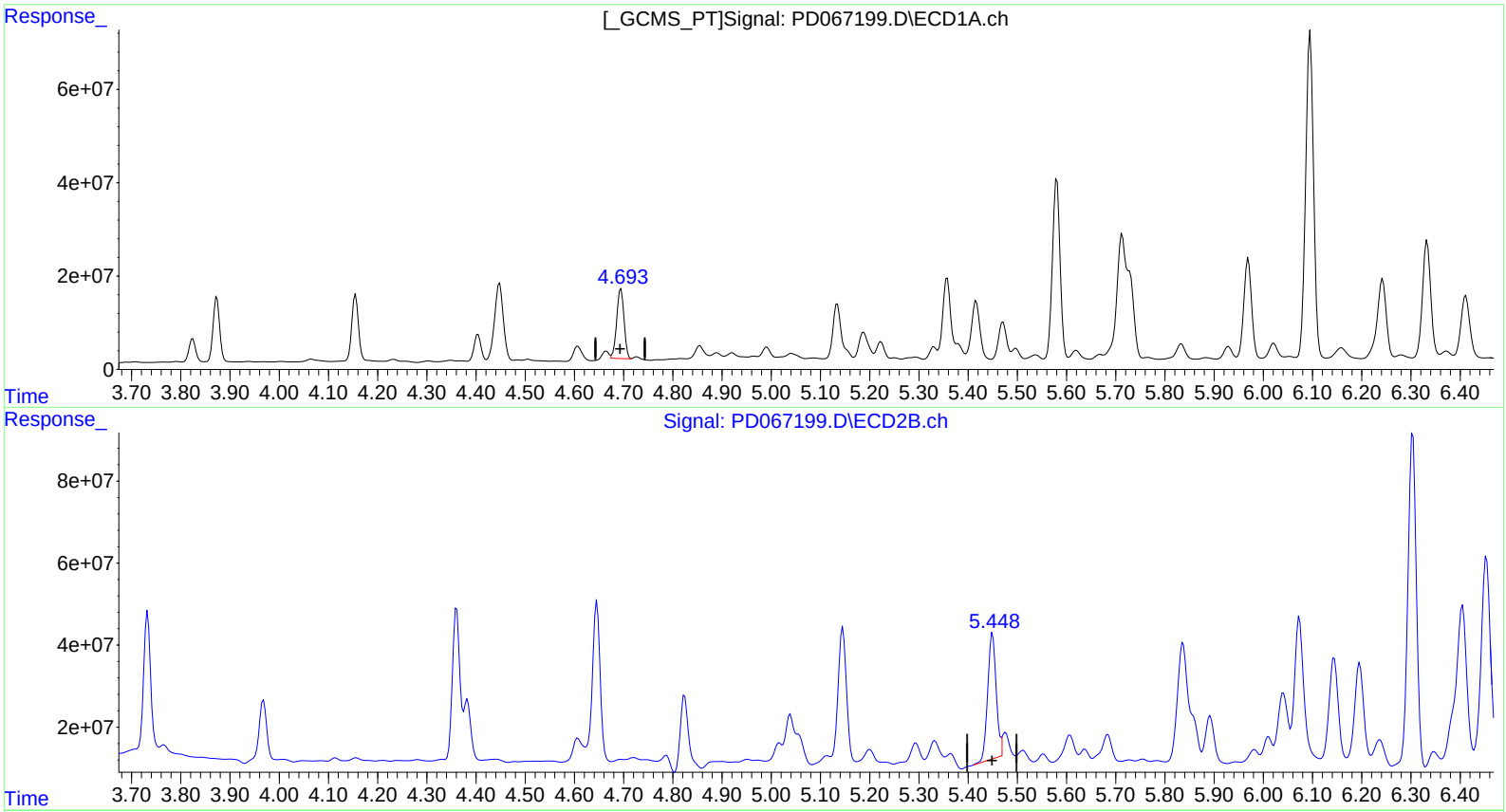
Integrator: ChemStation

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



QEdit

(5) Aldrin (MB)

4.693min 50.035 ng/ml m

response 154808658

(5) Aldrin #2 (MB)

5.450min 42.510 ng/ml

response 366552667

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Manual IntegrationsAPPROVED

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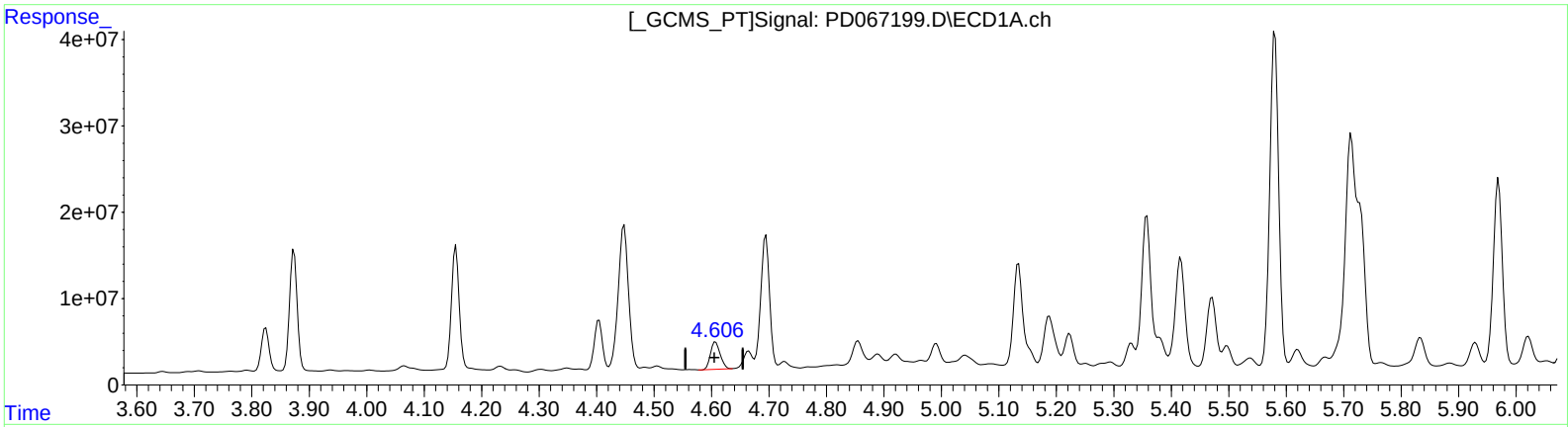

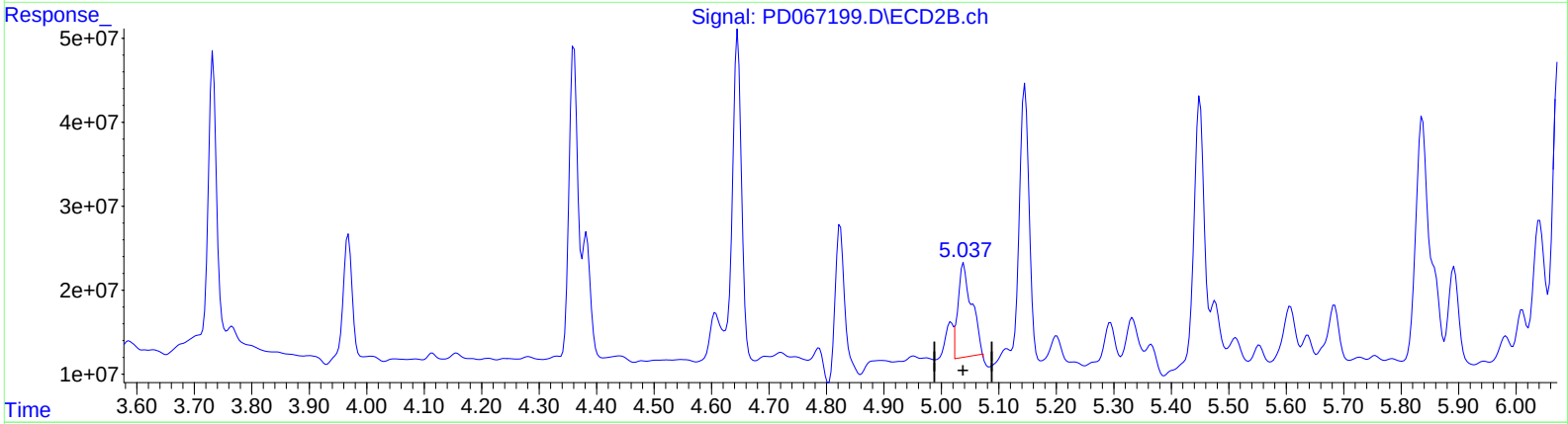

QEdit

(7) delta-BHC (B)

4.607min 13.021 ng/ml

response 37247248

(7) delta-BHC #2 (B)

5.039min 21.057 ng/ml

response 186379318

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
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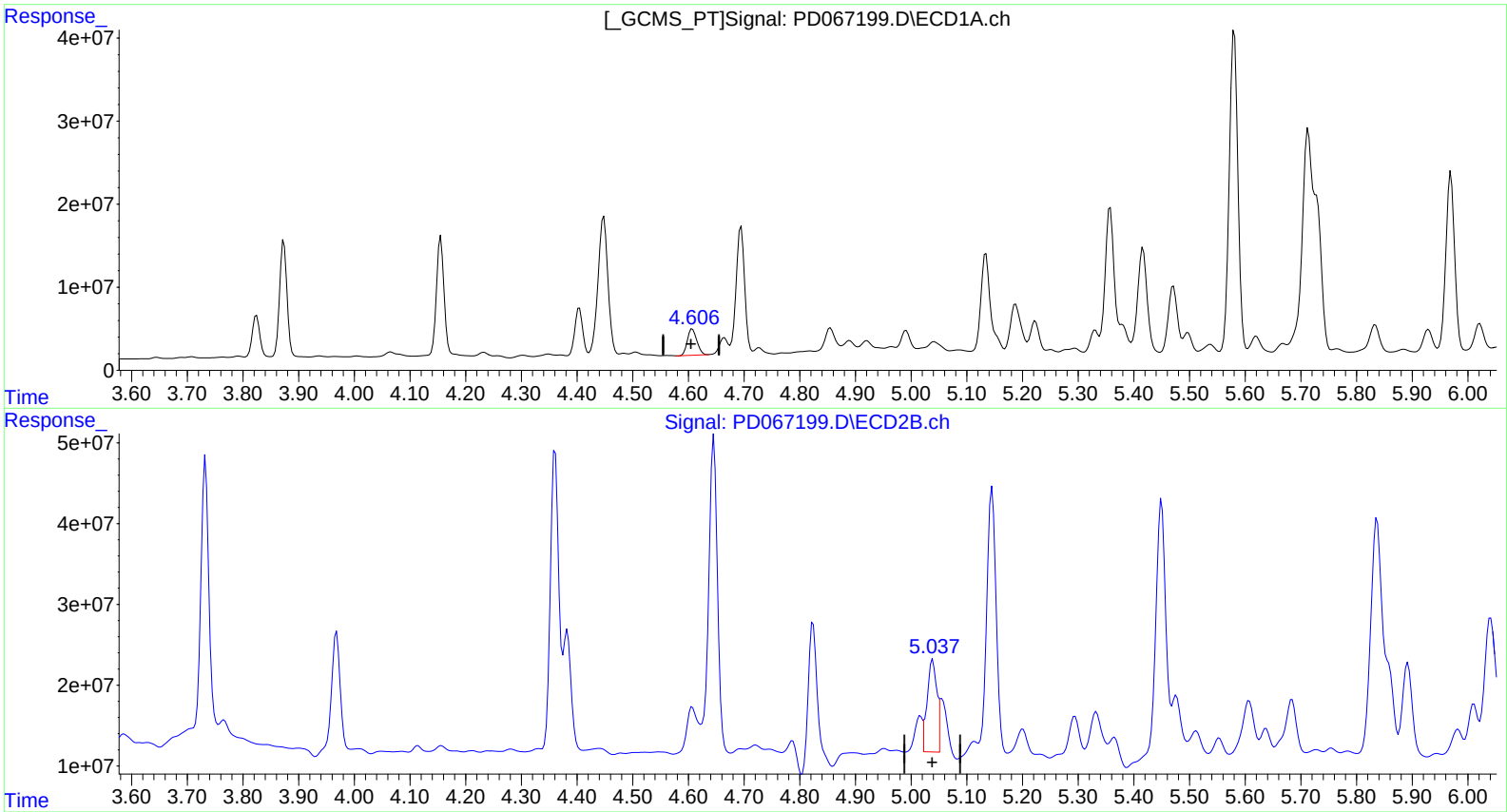
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(7) delta-BHC (B)

4.607min 13.021 ng/ml

response 37247248

(7) delta-BHC #2 (B)

5.037min 17.200 ng/ml m

response 152246667

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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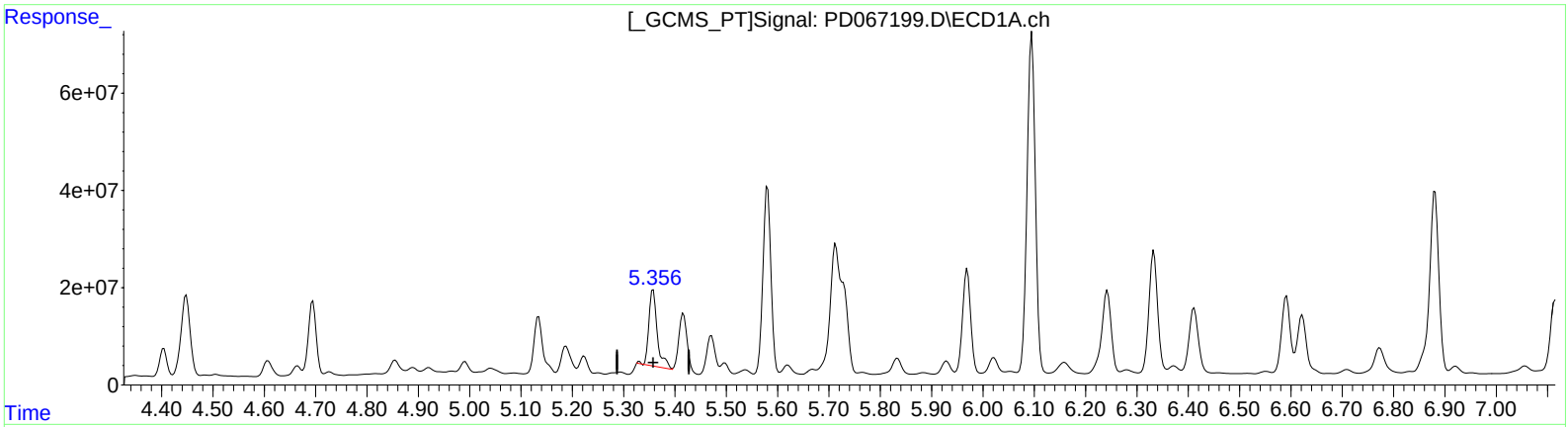

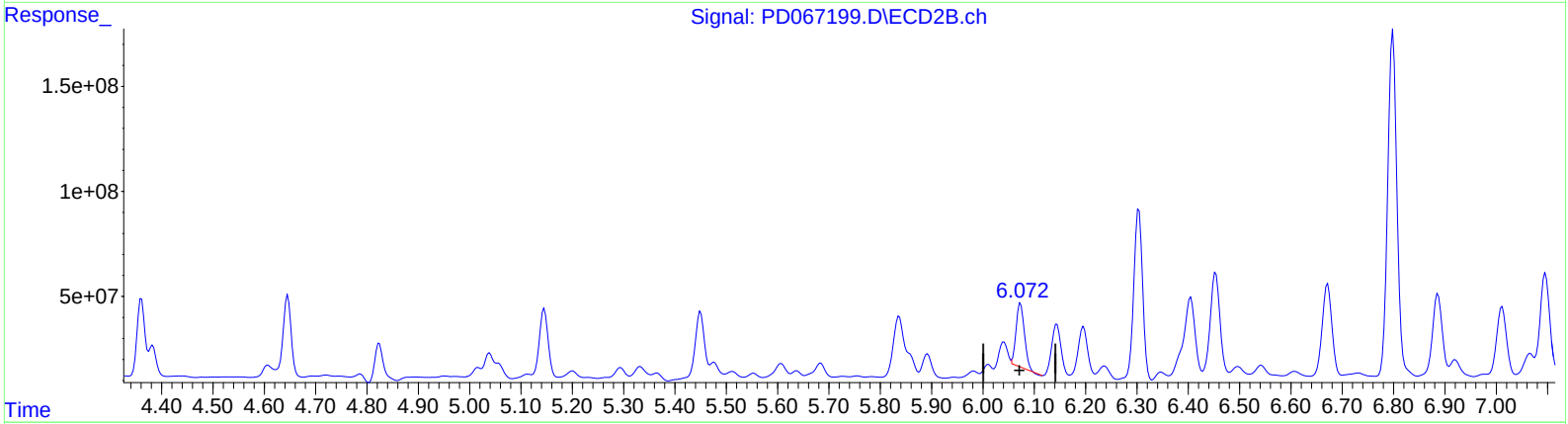

QEdit

(10) trans-Chlordane (B)

5.358min 63.298 ng/ml

response 178346370

(10) trans-Chlordane #2 (B)

6.073min 45.289 ng/ml

response 343734753

(+) = 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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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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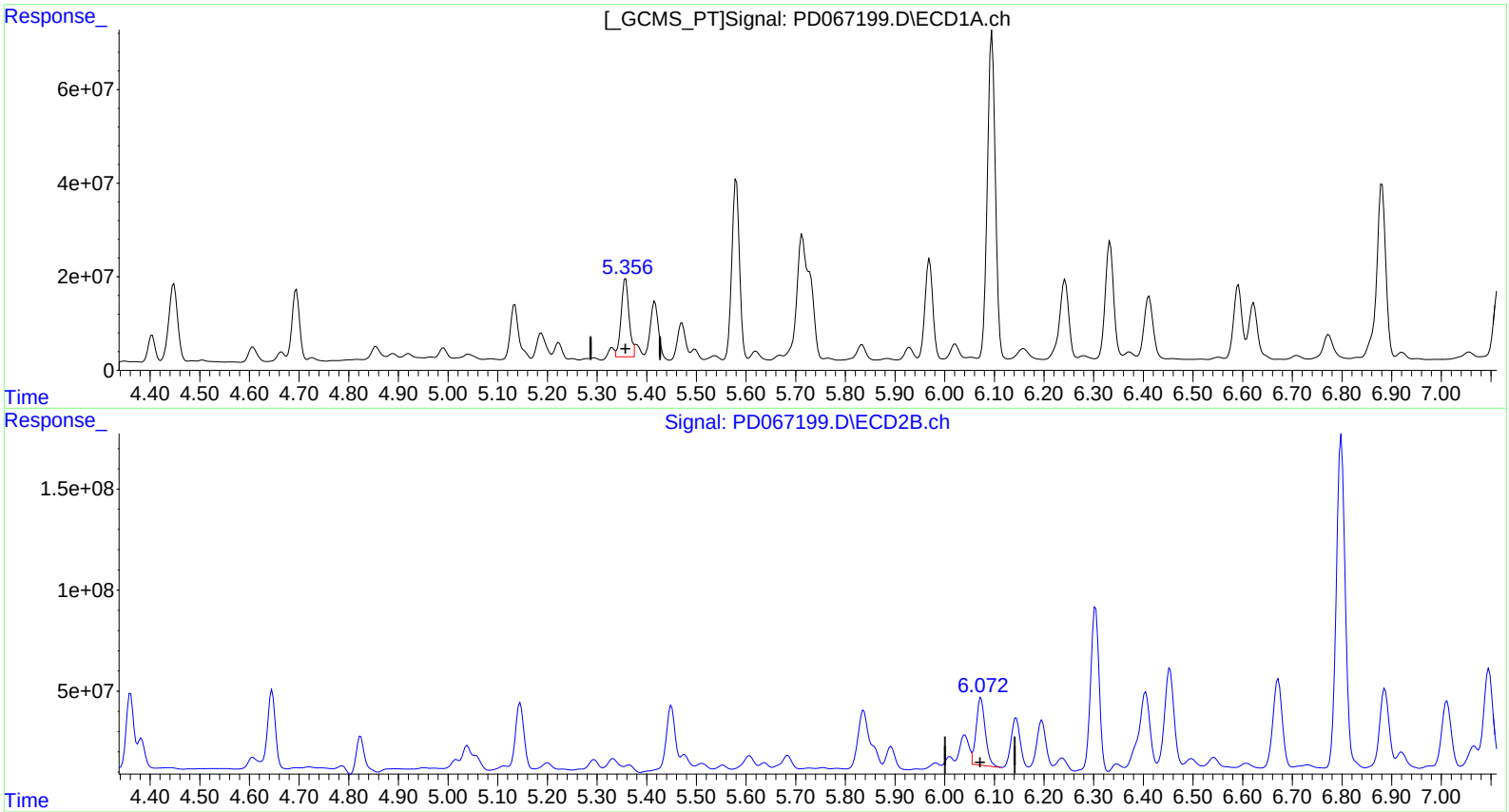

QEdit

(10) trans-Chlordane (B)

5.356min 67.091 ng/ml m

response 189033110

(10) trans-Chlordane #2 (B)

6.072min 54.818 ng/ml m

response 416061986

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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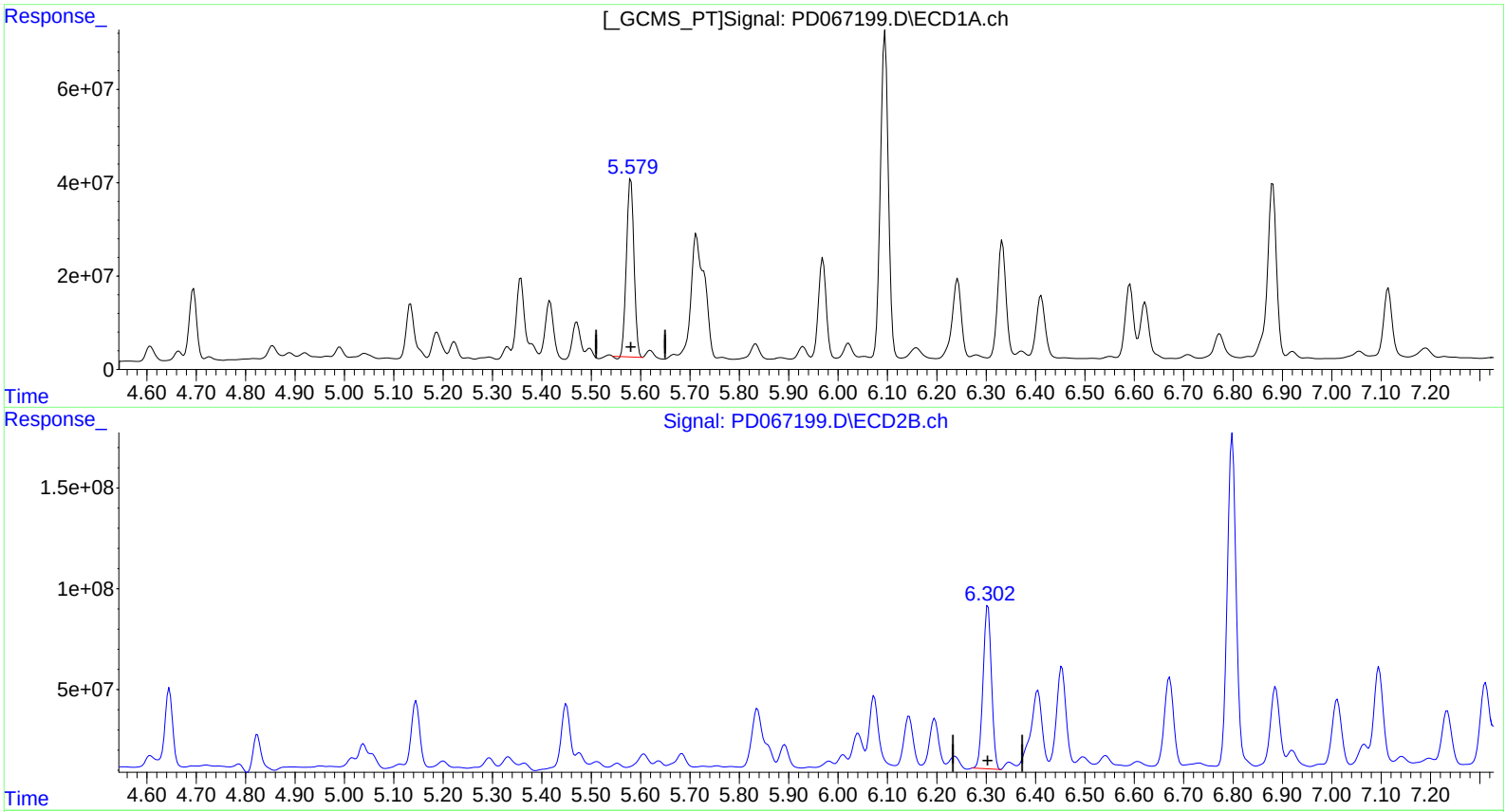
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

5.580min 162.031 ng/ml

response 405508393

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

6.304min 143.163 ng/ml

response 959320276

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.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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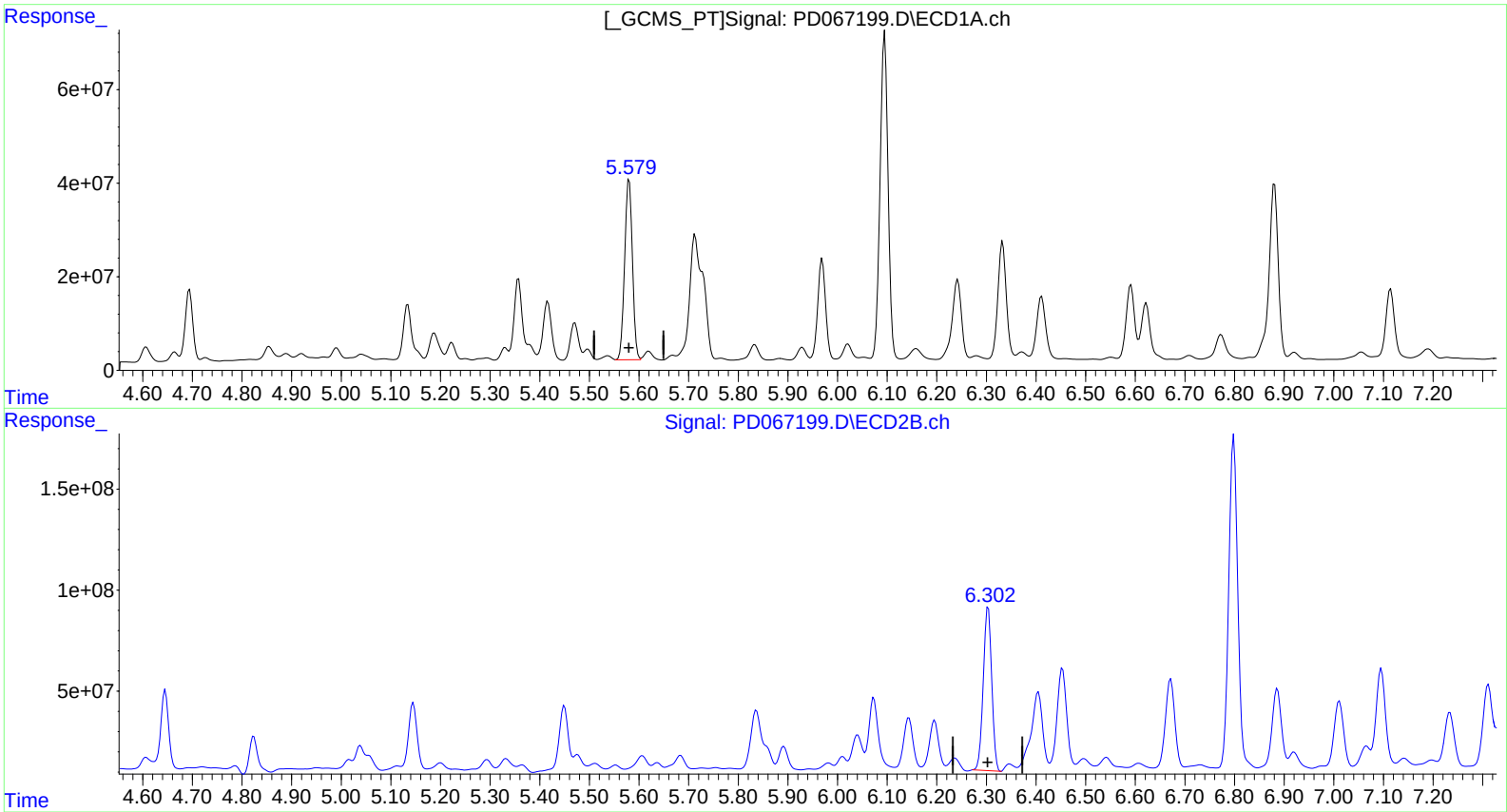

QEdit

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

5.579min 167.250 ng/ml m

response 418569304

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

6.304min 143.163 ng/ml

response 959320276

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Manual IntegrationsAPPROVED

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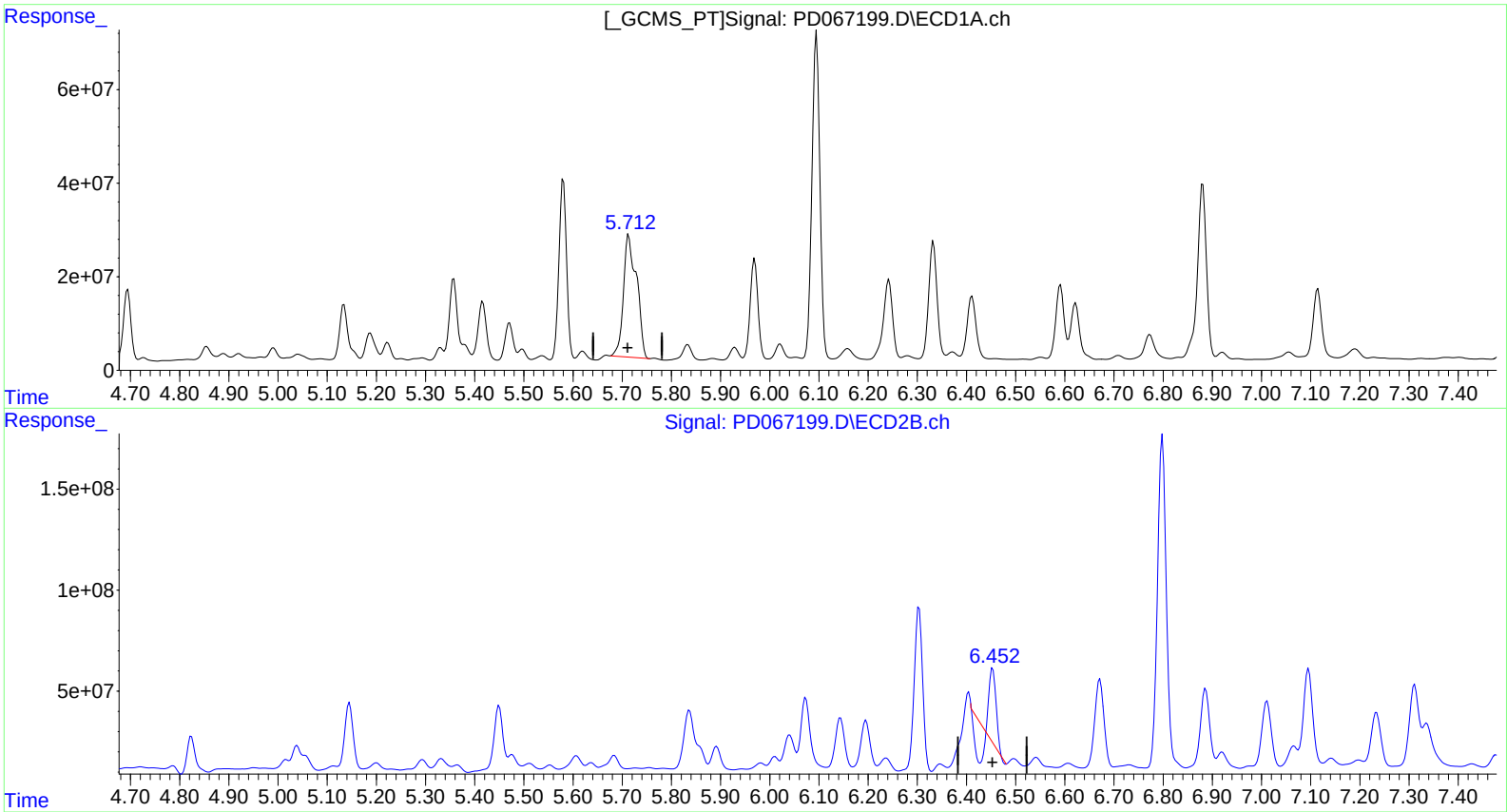

QEdit

(13) Dieldrin (MA)

5.713min 168.497 ng/ml

response 485208513

(13) Dieldrin #2 (MA)

6.453min 24.076 ng/ml

response 179149098

(+) = 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
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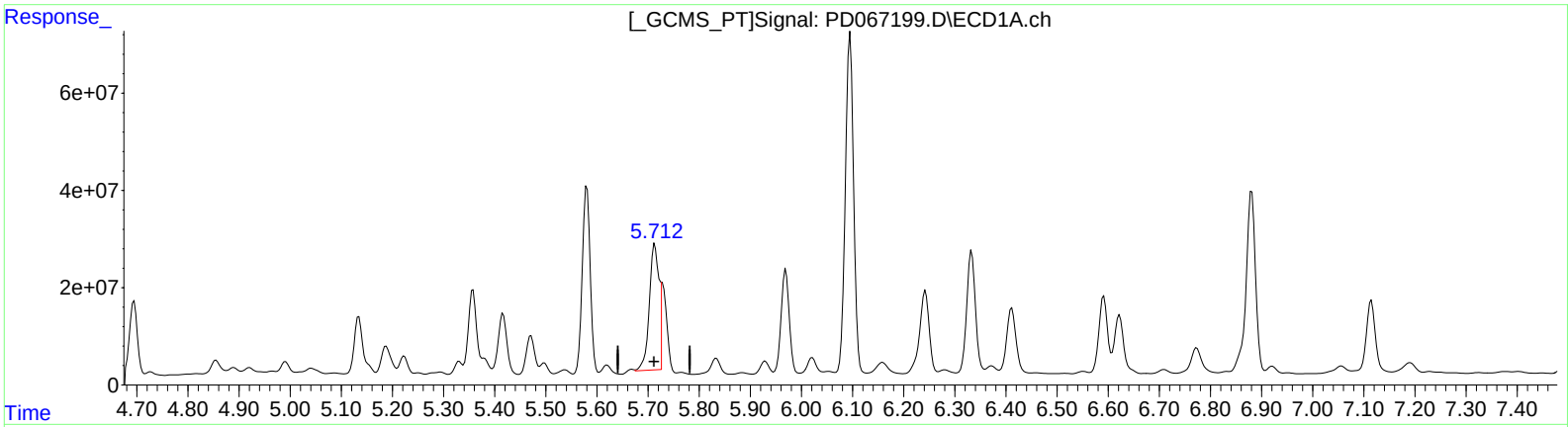
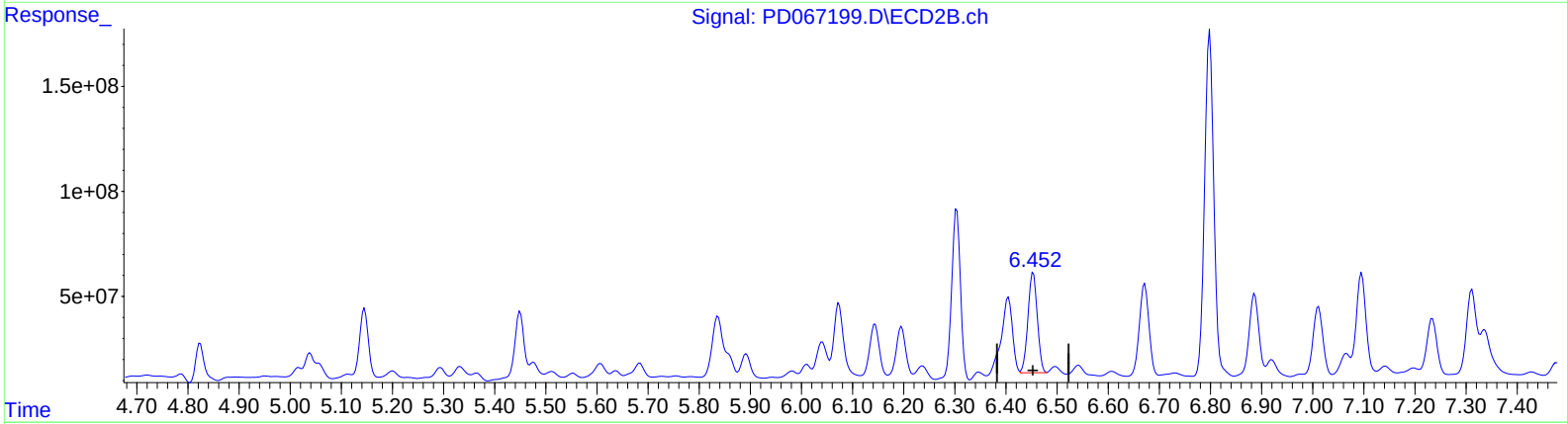
Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021





QEdit

(13) Dieldrin (MA)

5.712min 122.240 ng/ml m

response 352005583

(13) Dieldrin #2 (MA)

6.452min 81.272 ng/ml m

response 604732727

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

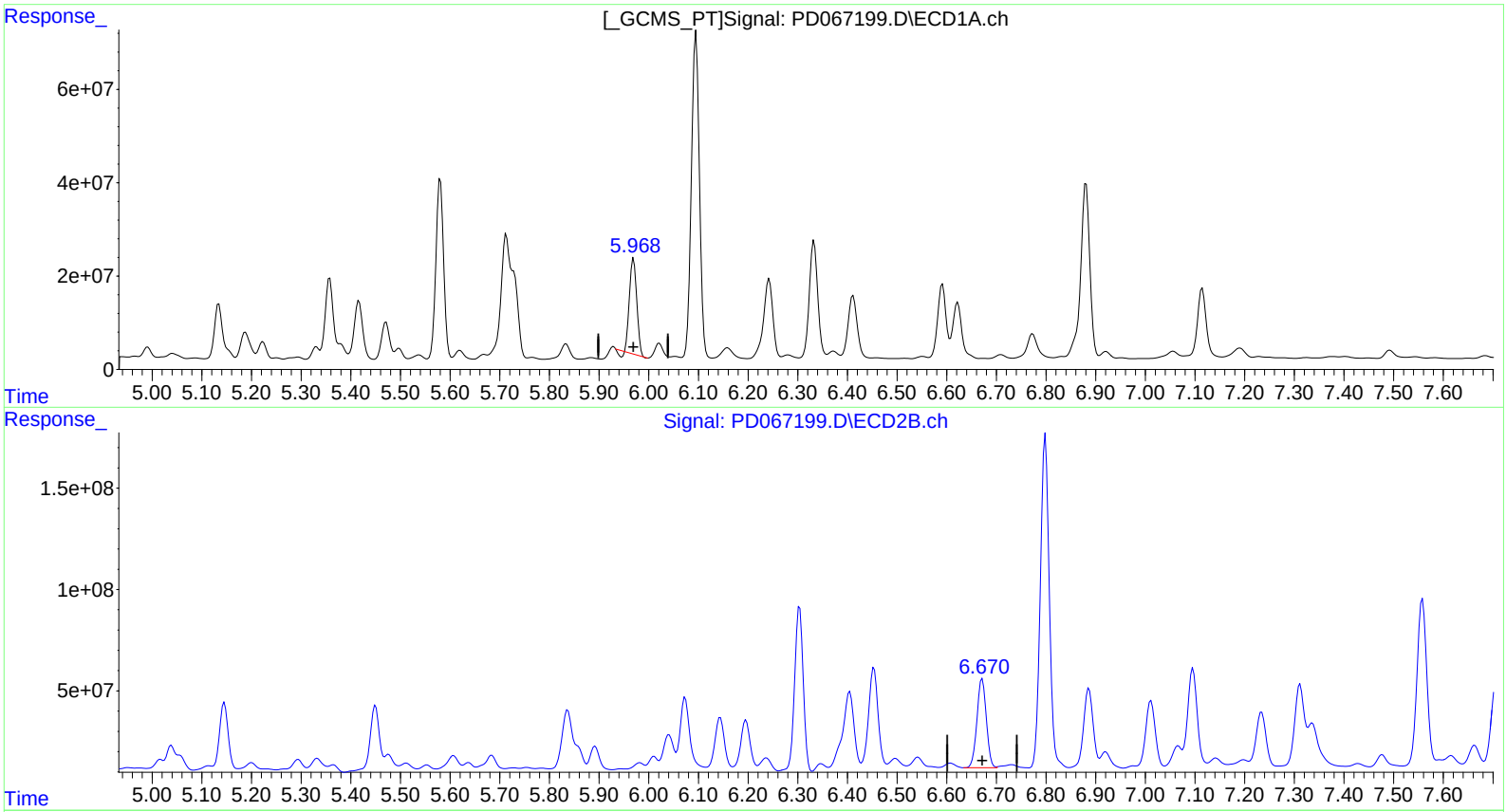
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 04:54:32 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

(14) Endrin (MA)

5.969min 89.928 ng/ml

response 205658075

(14) Endrin #2 (MA)

6.672min 99.143 ng/ml

response 575191515

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/06/2021

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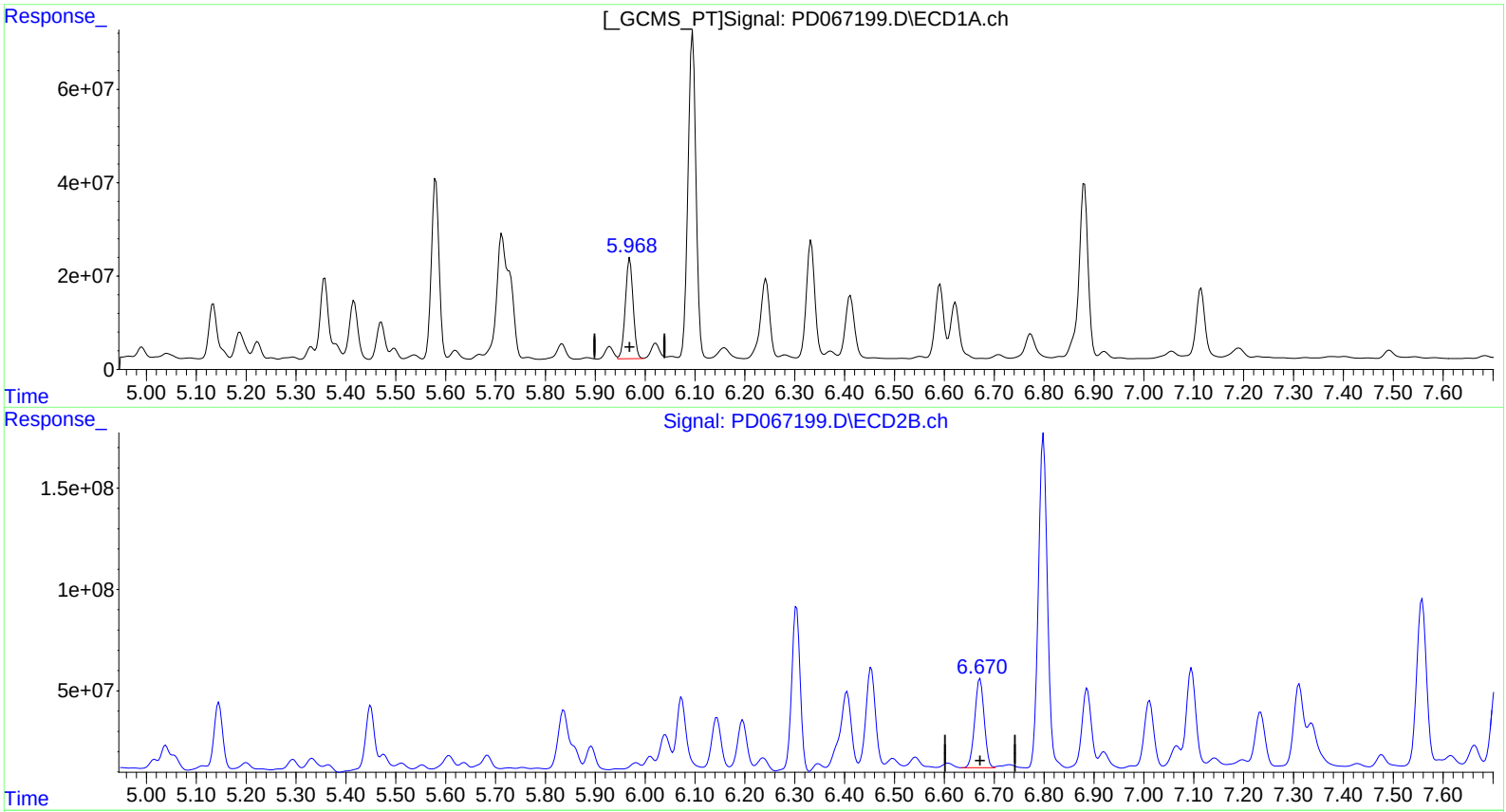

QEdit

(14) Endrin (MA)

5.968min 103.724 ng/ml m

response 237207087

(14) Endrin #2 (MA)

6.672min 99.143 ng/ml

response 575191515

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Sample : M4833-10MSD
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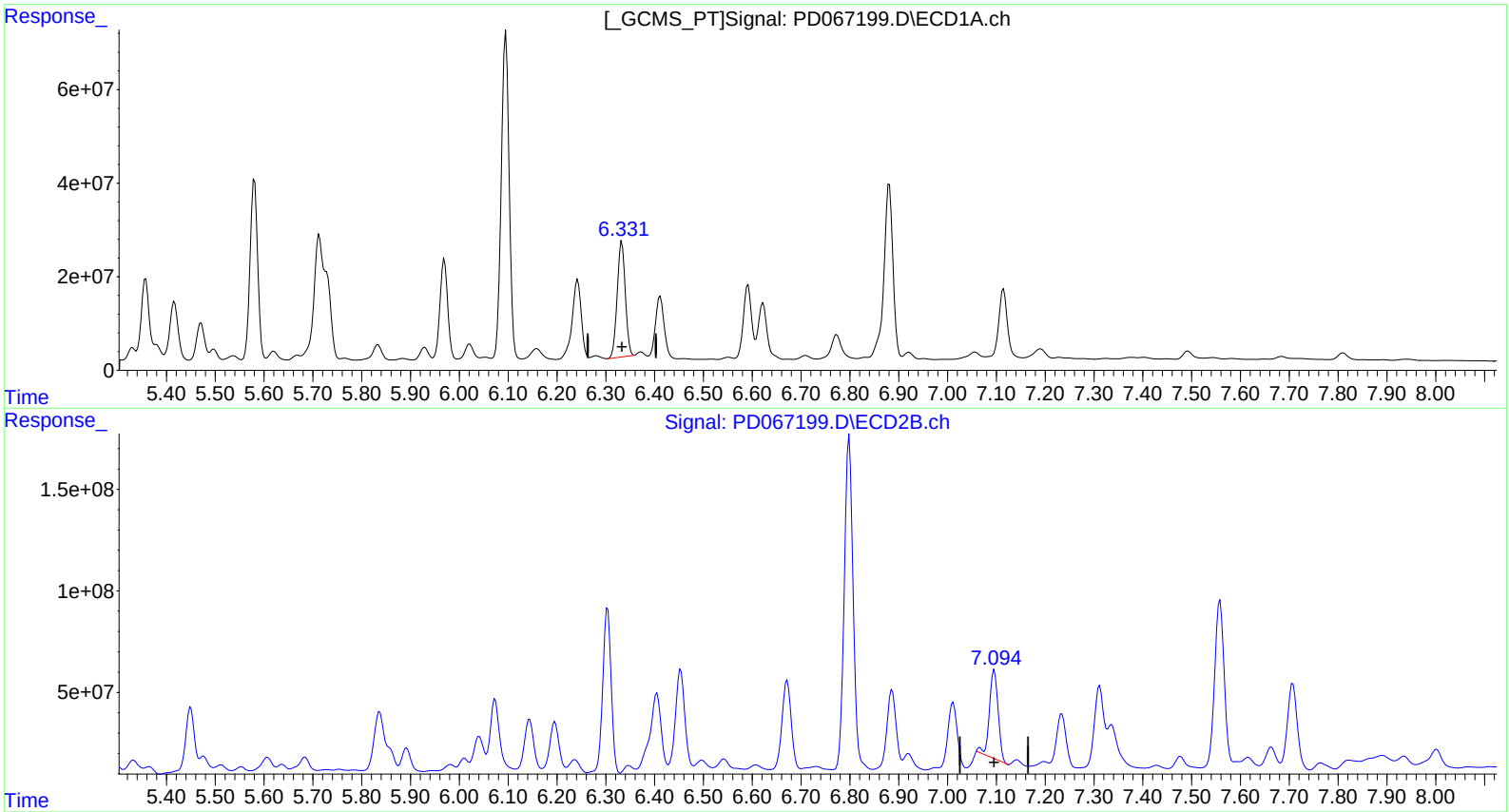
Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

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

6.333min 133.725 ng/ml

response 284264905

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

7.096min 93.932 ng/ml

response 541268773

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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ALS Vial : 15 Sample Multiplier: 1

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ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

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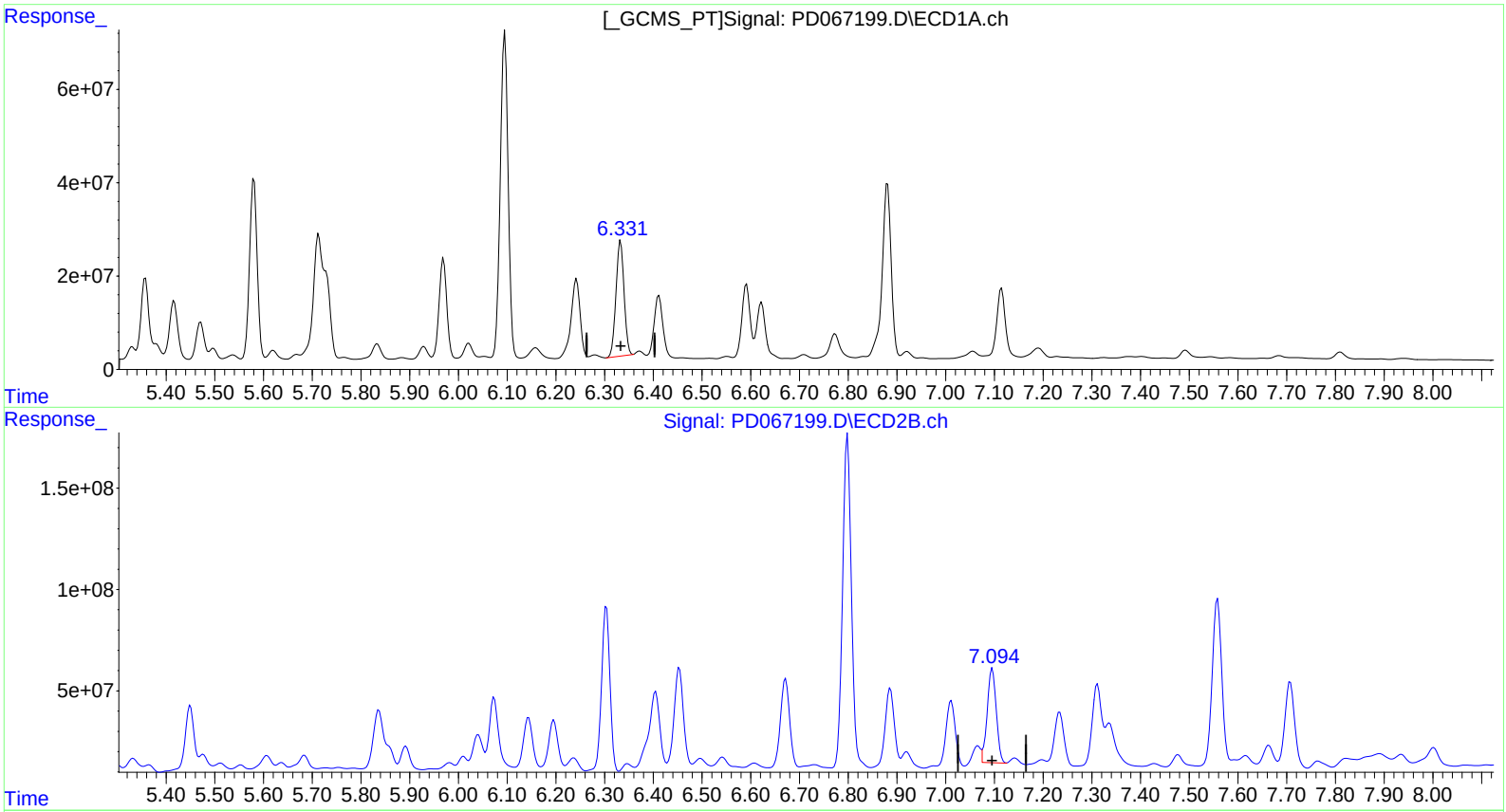
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

6.333min 133.725 ng/ml

response 284264905

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

7.094min 103.201 ng/ml m

response 594677021

(+) = 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 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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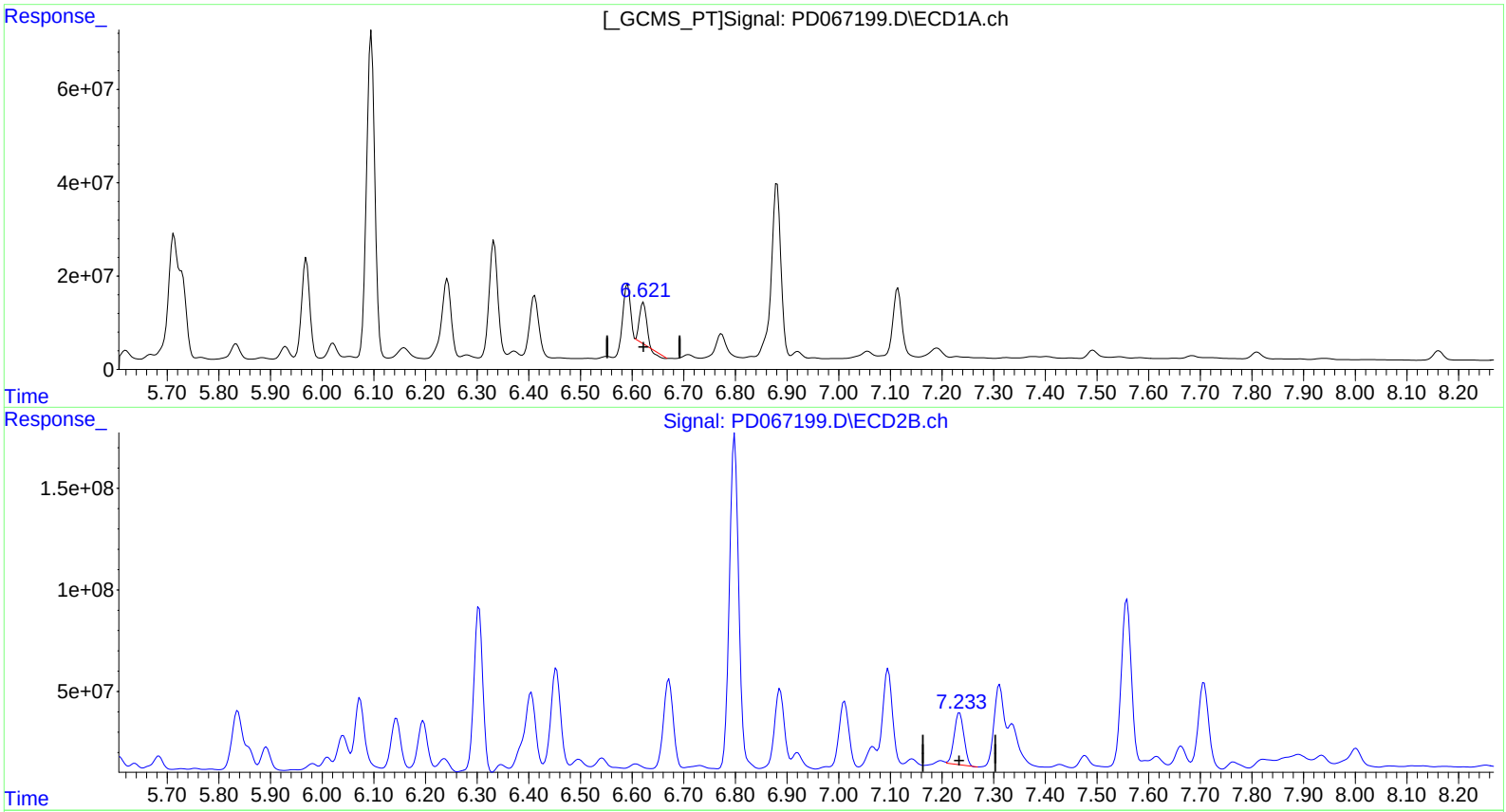
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(19) Endosulfan Sulfate (B)

6.622min 40.185 ng/ml

response 77521885

(19) Endosulfan Sulfate #2 (B)

7.234min 58.364 ng/ml

response 335164863

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Title : GC Extractables
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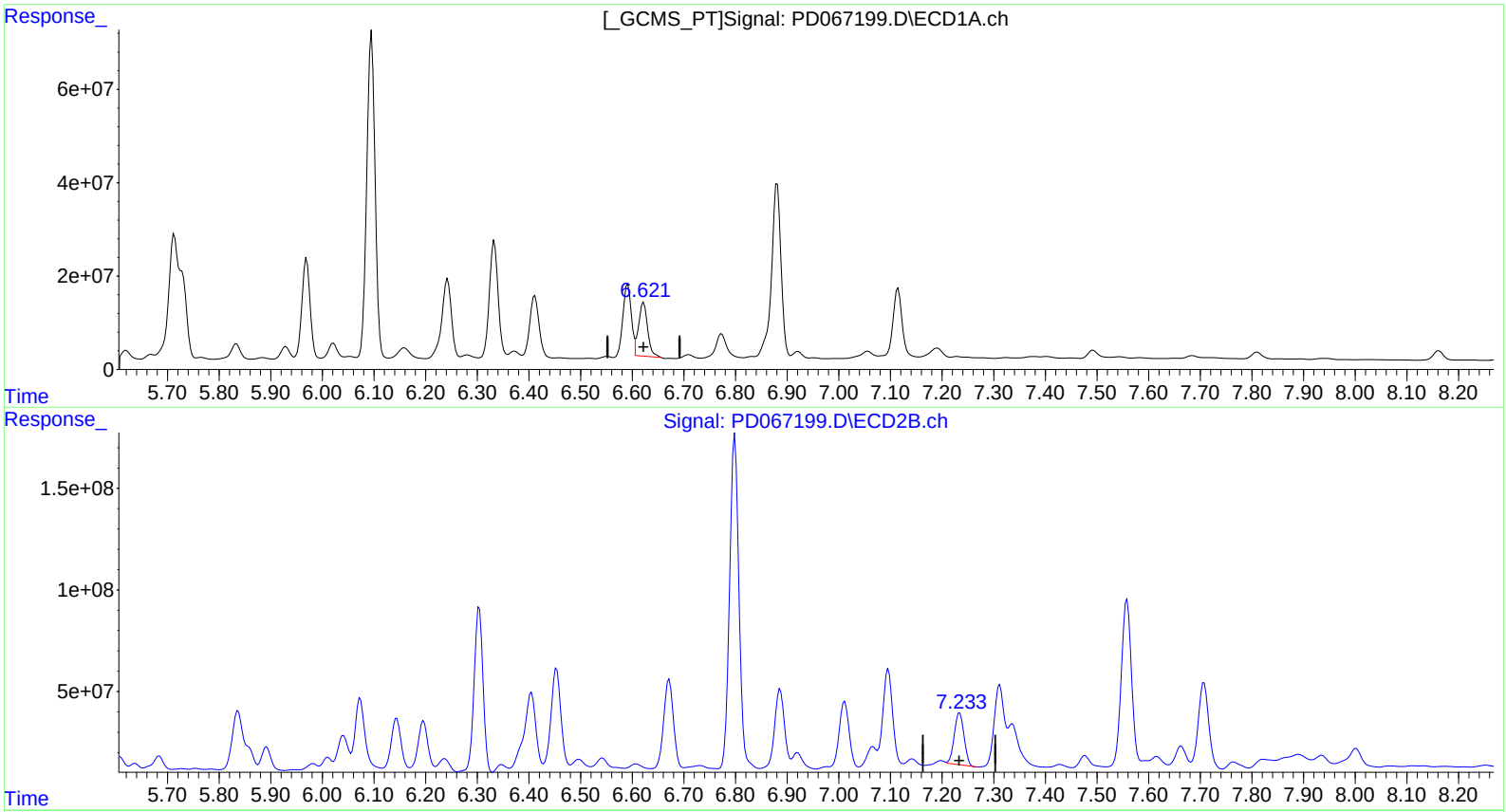
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021



QEdit

(19) Endosulfan Sulfate (B)

6.621min 72.054 ng/ml m

response 139000934

(19) Endosulfan Sulfate #2 (B)

7.234min 58.364 ng/ml

response 335164863

(+) = 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 :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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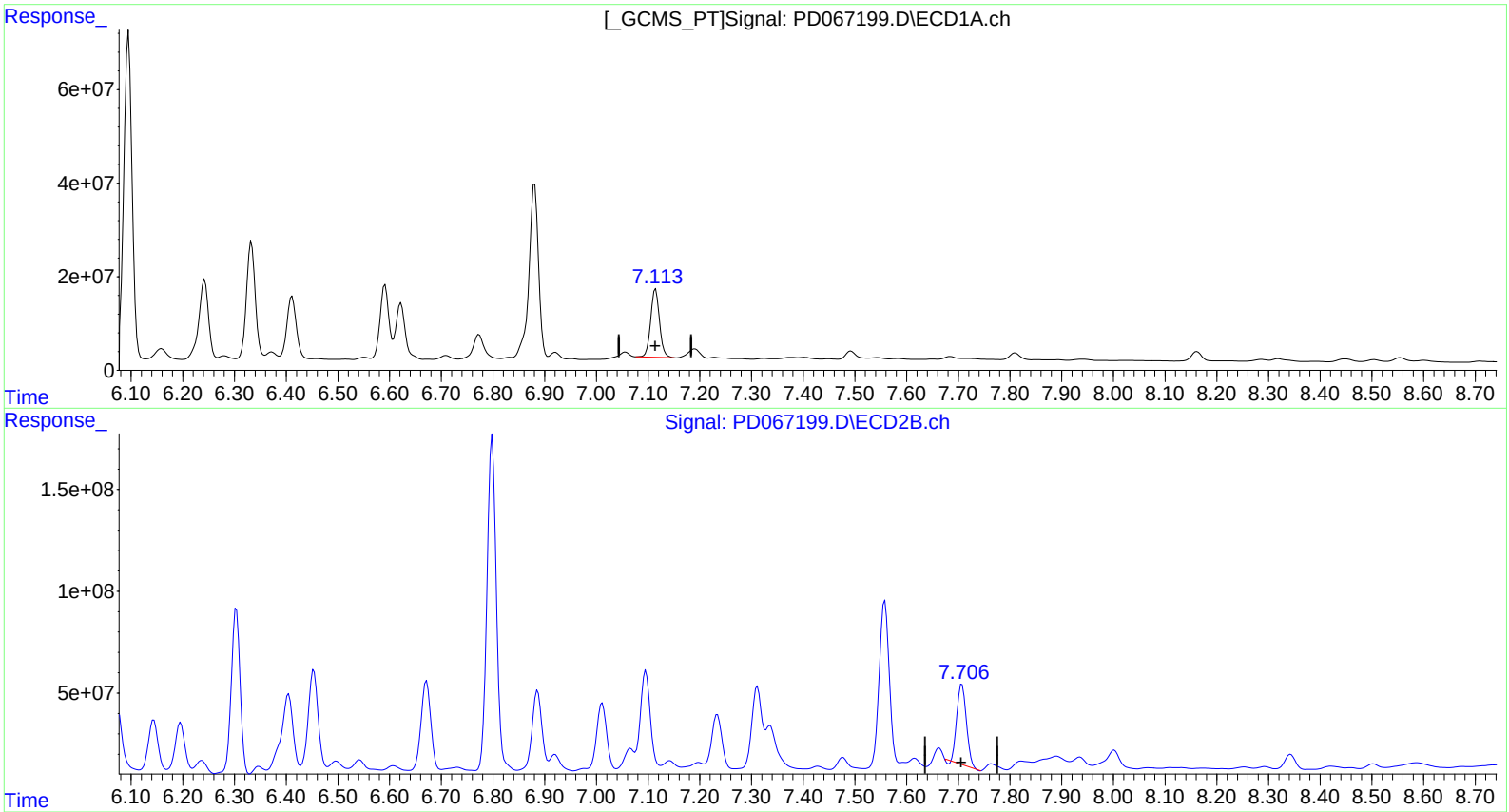

QEdit

(21) Endrin ketone (B)

7.115min 83.741 ng/ml

response 173849061

(21) Endrin ketone #2 (B)

7.707min 76.414 ng/ml

response 504585548

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 15 Sample Multiplier: 1

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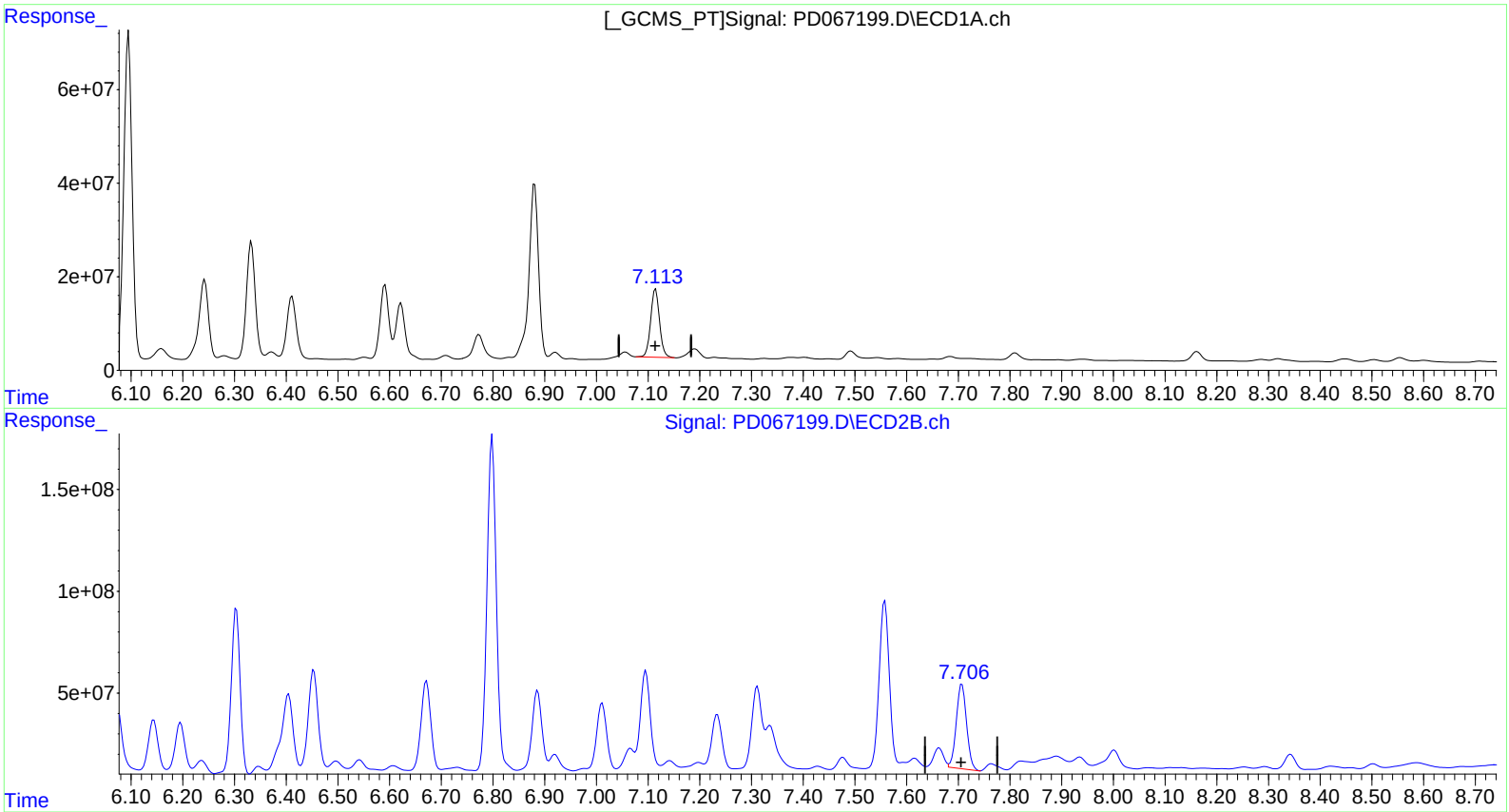
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(21) Endrin ketone (B)

7.115min 83.741 ng/ml

response 173849061

(21) Endrin ketone #2 (B)

7.706min 86.669 ng/ml m

response 572301492

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:58
Operator : AR\AJ
Sample : M4833-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MSD

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
Supervised By :mohammad ahmed 12/06/2021

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.437	3.968	32081732	162.8E6	14.693	20.316 #
27)	SA Decachlor...	8.162	9.022	27122775	150.5E6	23.890	29.675m
	Target Compounds						
2)	A alpha-BHC	3.873	4.361	126.6E6	397.6E6	38.703	37.065
3)	MA gamma-BHC...	4.155	4.644	135.8E6	434.0E6	42.660	43.263m
4)	MA Heptachlor	4.448	5.145	204.2E6	379.4E6	63.713	40.673 #
5)	MB Aldrin	4.693	5.450	154.8E6	366.6E6	50.035m	42.510
6)	B beta-BHC	4.404	4.824	55177594	208.3E6	41.448	45.146
7)	B delta-BHC	4.607	5.037	37247248	152.2E6	13.021	17.200m#
8)	B Heptachlo...	5.134	5.837	140.4E6	512.8E6	50.853	73.167 #
9)	A Endosulfan I	5.471	6.196	87530303	317.1E6	32.922	43.742 #
10)	B trans-Chl...	5.356	6.072	189.0E6	416.1E6	67.091m	54.818m
11)	B cis-Chlor...	5.416	6.144	131.8E6	319.4E6	47.487	43.168
12)	B 4,4'-DDE	5.579	6.304	418.6E6	959.3E6	167.250m	143.163
13)	MA Dieldrin	5.712	6.452	352.0E6	604.7E6	122.240m	81.272m#
14)	MA Endrin	5.968	6.672	237.2E6	575.2E6	103.724m	99.143
15)	B Endosulfa...	6.242	6.886	215.4E6	525.6E6	95.954	86.571
16)	A 4,4'-DDD	6.095	6.799	783.5E6	2067.4E6	370.594	353.510
17)	MA 4,4'-DDT	6.333	7.094	284.3E6	594.7E6	133.725	103.201m
18)	B Endrin al...	6.411	7.011	157.7E6	418.3E6	95.612	88.753
19)	B Endosulfa...	6.621	7.234	139.0E6	335.2E6	72.054m	58.364
20)	A Methoxychlor	6.881	7.558	470.3E6	1121.2E6	473.275	402.847
21)	B Endrin ke...	7.115	7.706	173.8E6	572.3E6	83.741	86.669m

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