Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

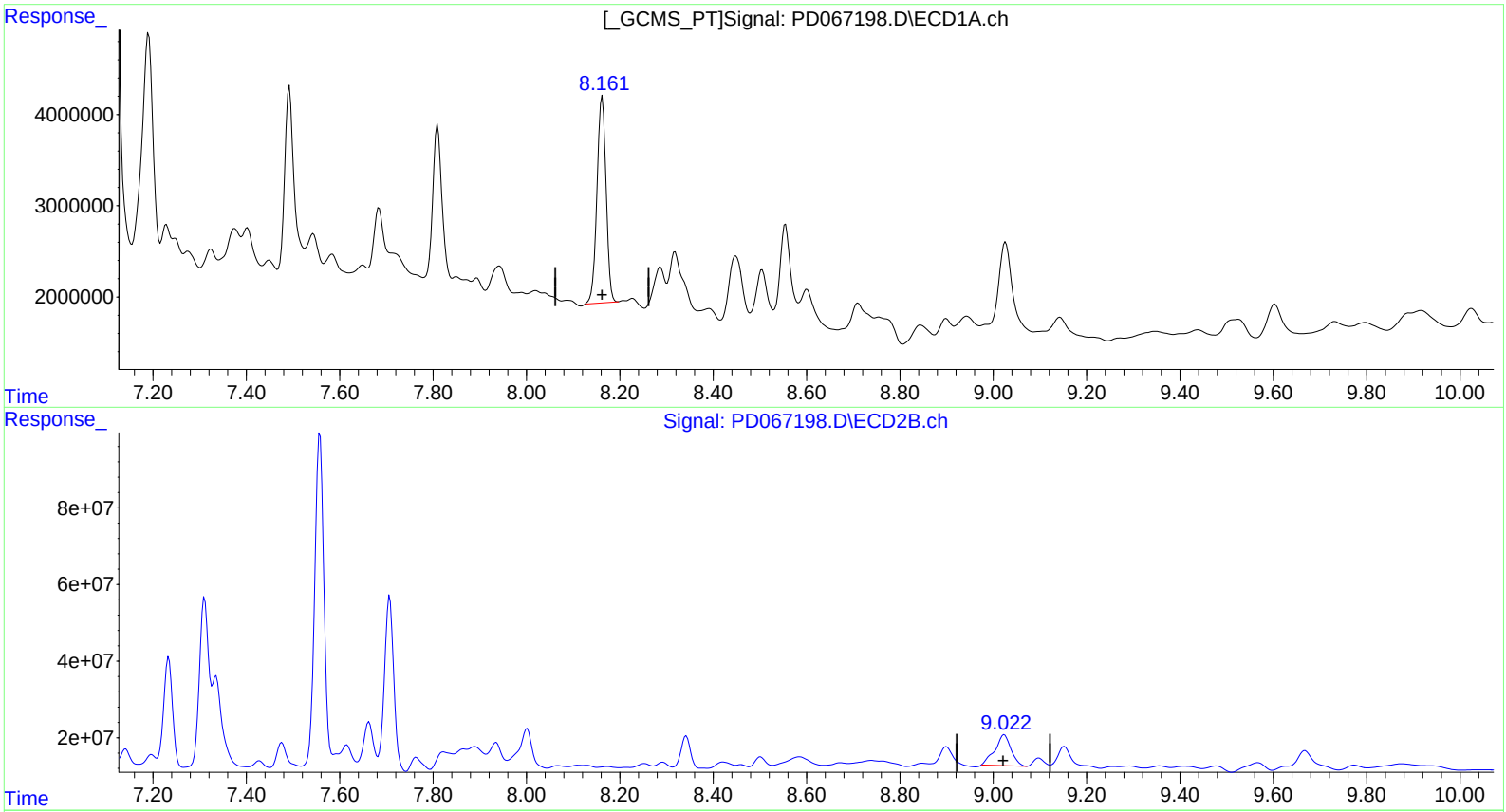
Instrument :
ECD_D
ClientSampleId :
ESQM8MS

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 04:54:24 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

(27) Decachlorobiphenyl (SA)

8.162min 27.116 ng/ml

response 30786314

(27) Decachlorobiphenyl #2 (SA)

9.024min 38.200 ng/ml

response 193704977

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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 :
ESQM8MS

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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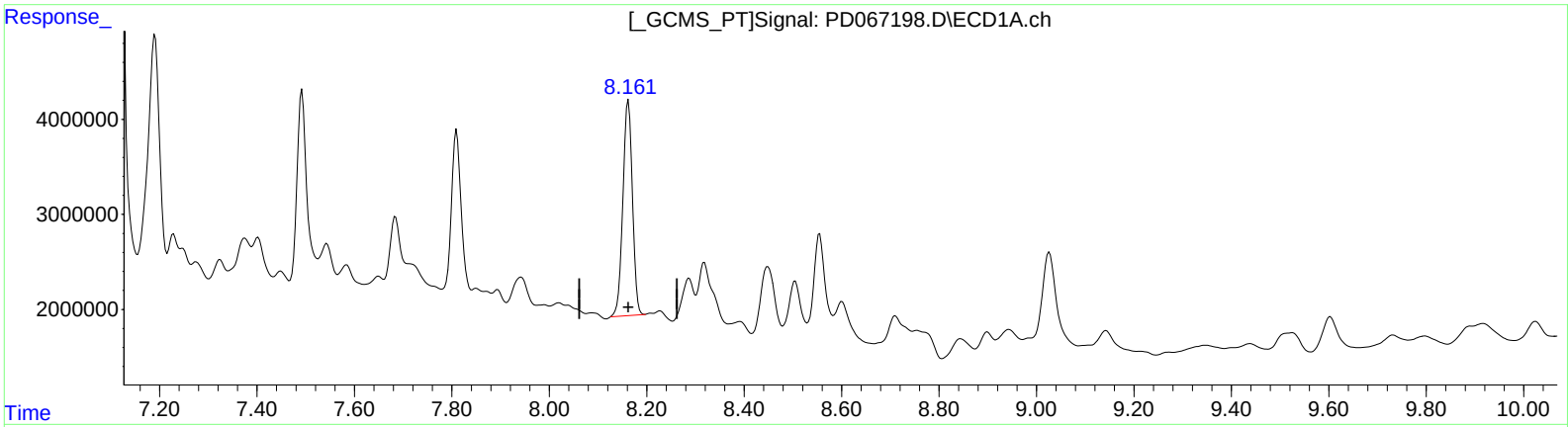

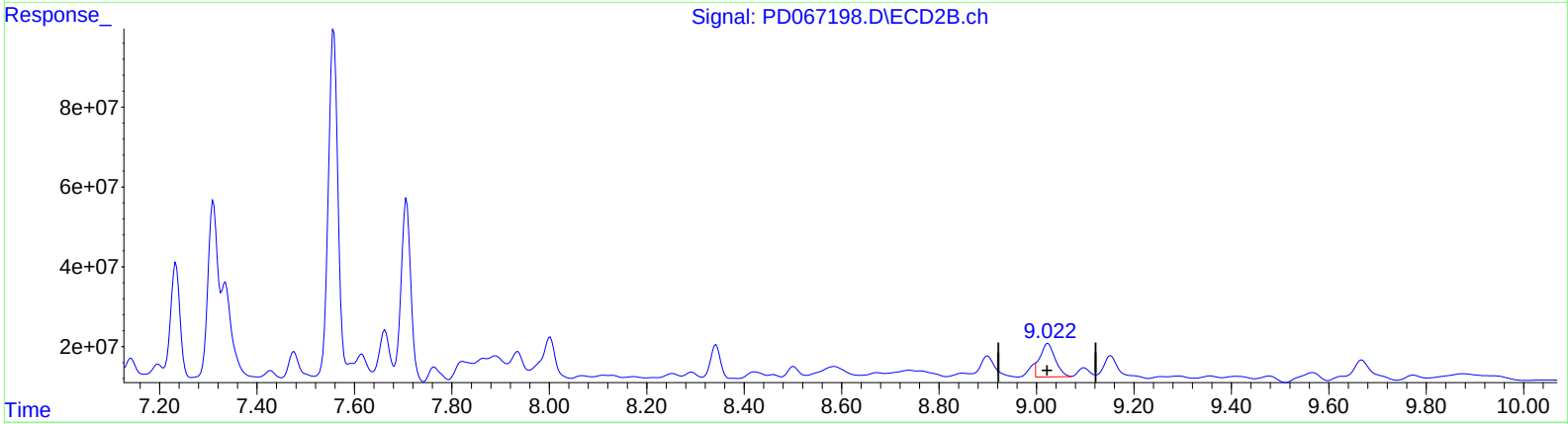

QEdit

(27) Decachlorobiphenyl (SA)

8.162min 27.116 ng/ml

response 30786314

(27) Decachlorobiphenyl #2 (SA)

9.022min 35.576 ng/ml m

response 180402380

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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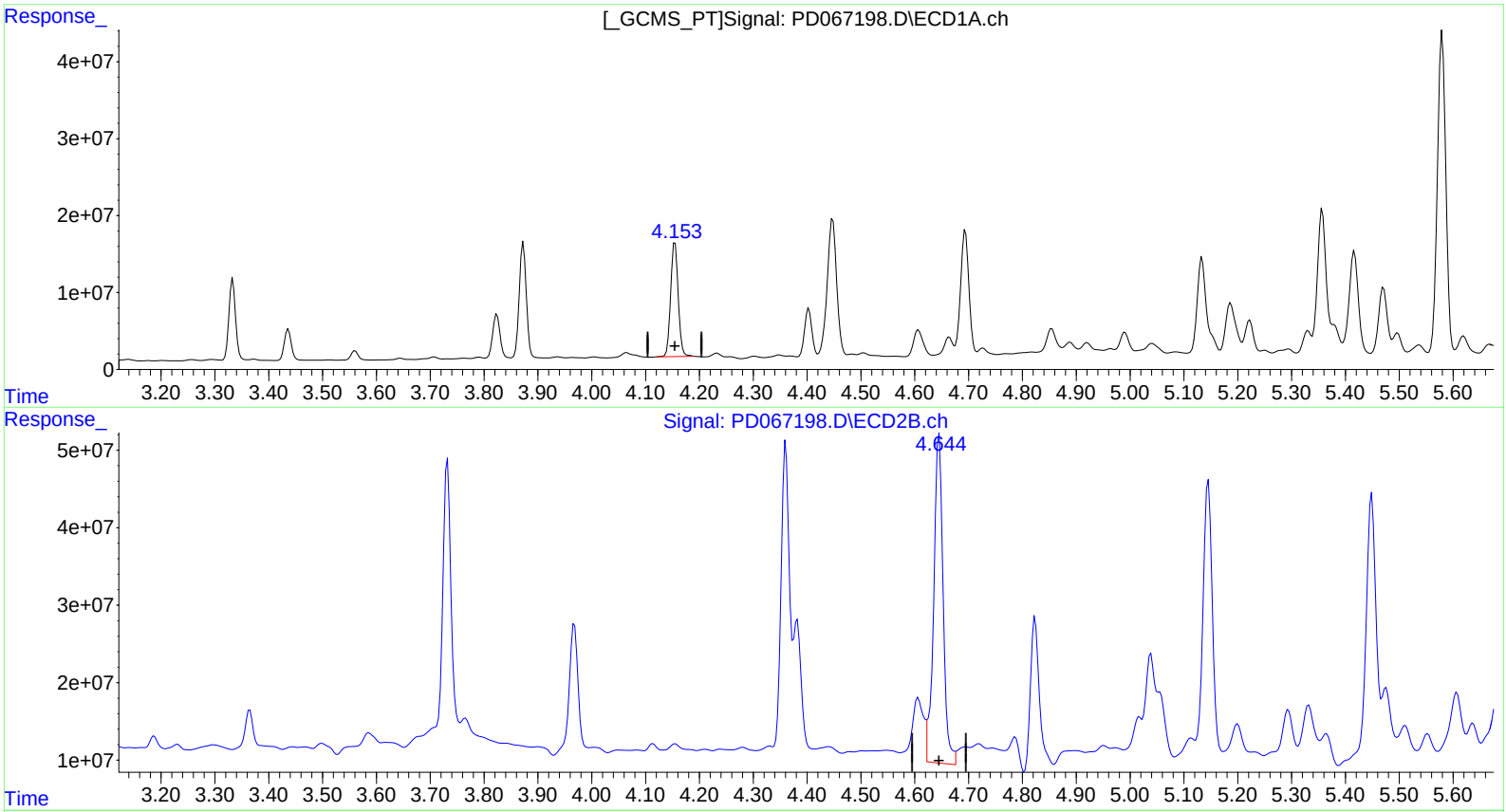

QEdit

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

4.155min 45.317 ng/ml

response 144222253

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

4.645min 51.330 ng/ml

response 514918809

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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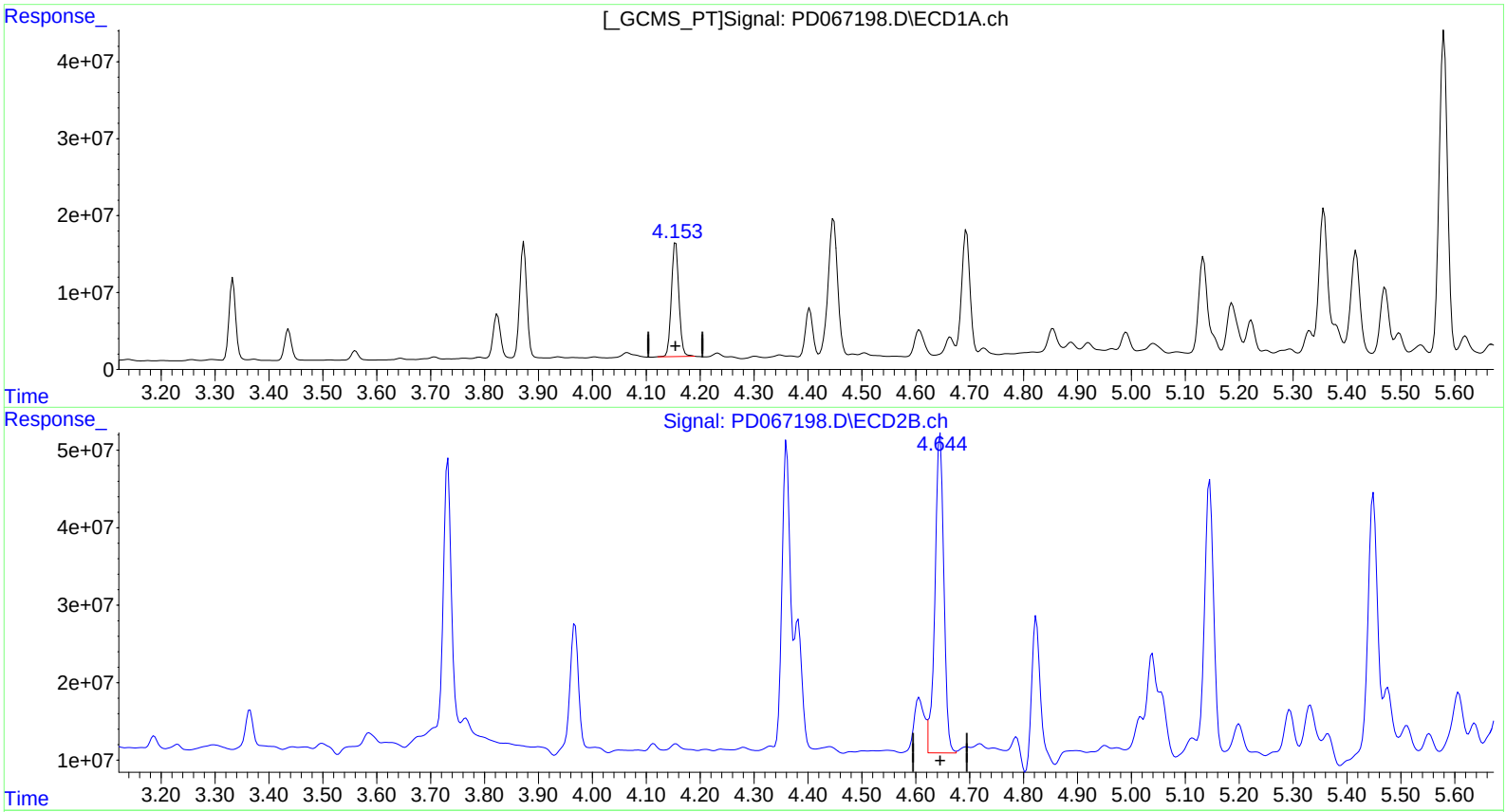
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

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

4.155min 45.317 ng/ml

response 144222253

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

4.644min 46.675 ng/ml m

response 468223782

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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 :
ESQM8MS

Manual IntegrationsAPPROVED

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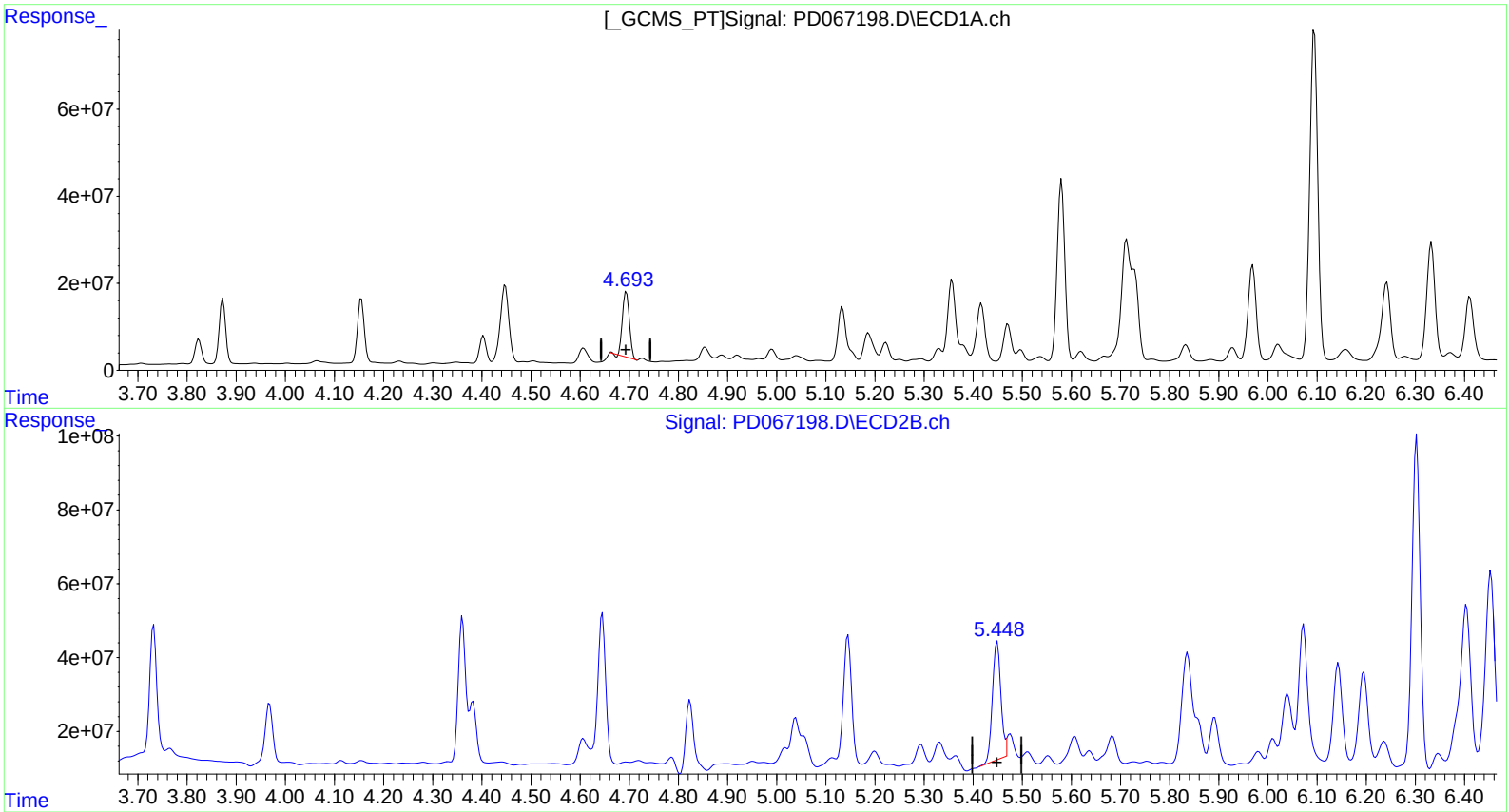

QEdit

(5) Aldrin (MB)

4.694min 47.546 ng/ml

response 147108592

(5) Aldrin #2 (MB)

5.449min 44.011 ng/ml

response 379497747

(+) = 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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ALS Vial : 14 Sample Multiplier: 1

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Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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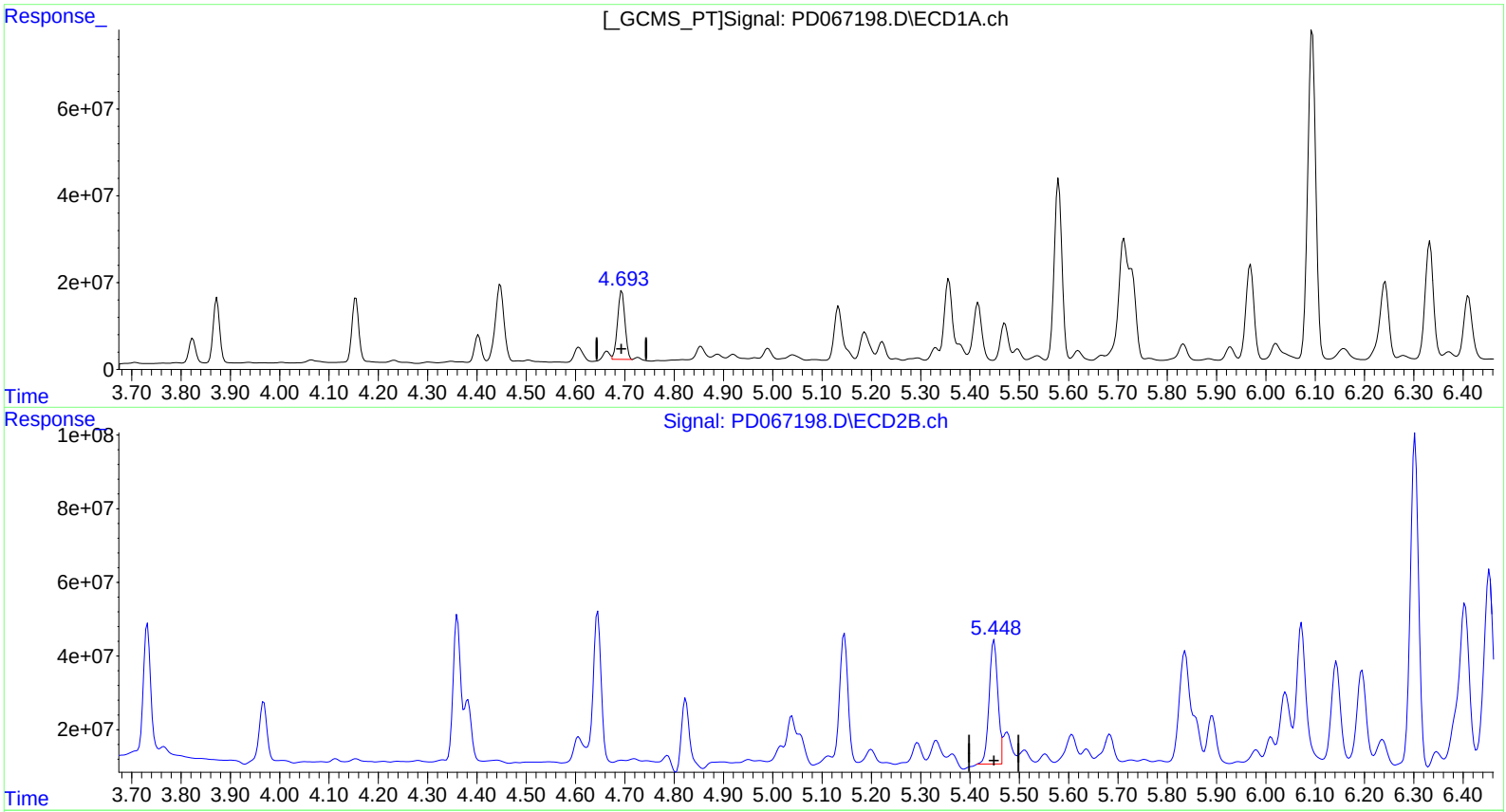

QEdit

(5) Aldrin (MB)

4.693min 53.282 ng/ml m

response 164856529

(5) Aldrin #2 (MB)

5.448min 46.263 ng/ml m

response 398918198

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

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Integration File signal 1: autoint1.e
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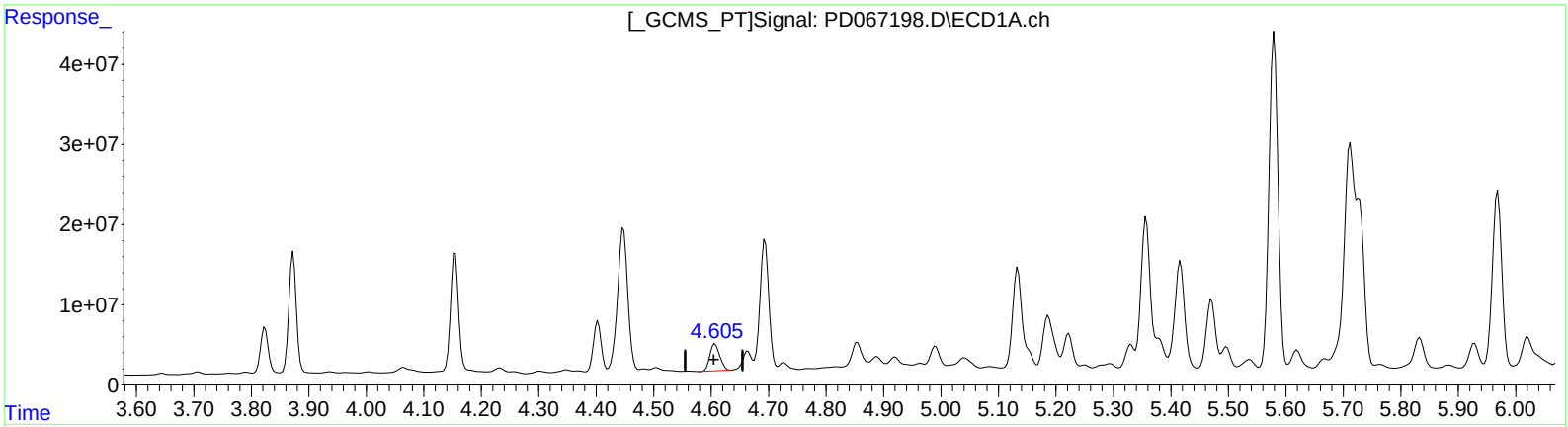

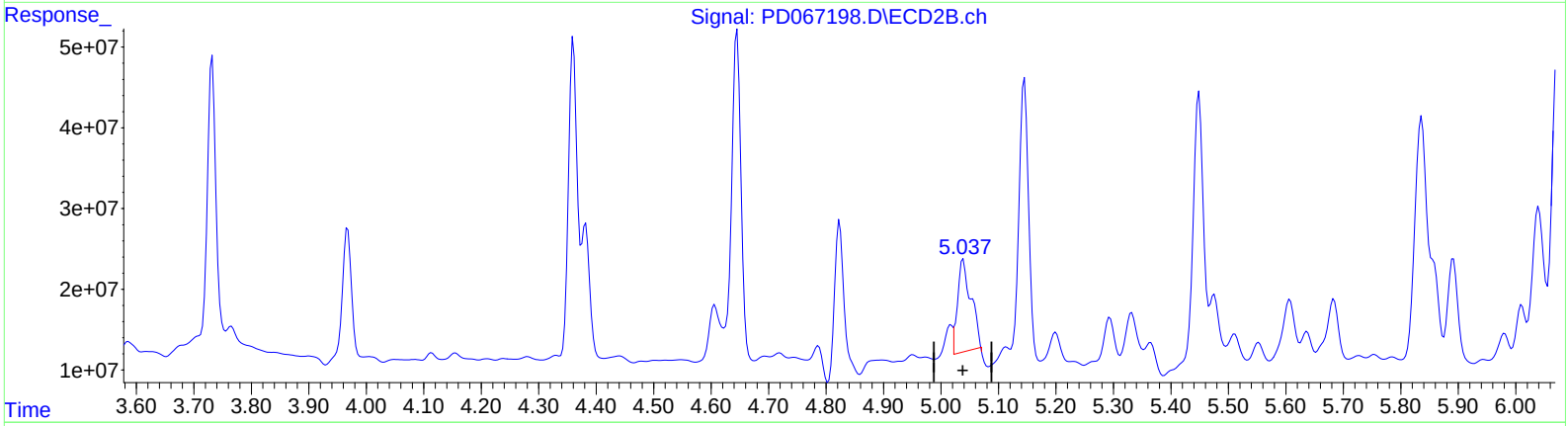

QEdit

(7) delta-BHC (B)
4.607min 14.110 ng/ml
response 40361008

(7) delta-BHC #2 (B)
5.039min 21.104 ng/ml
response 186796288

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MS

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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Quant Time: Dec 03 04:54:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
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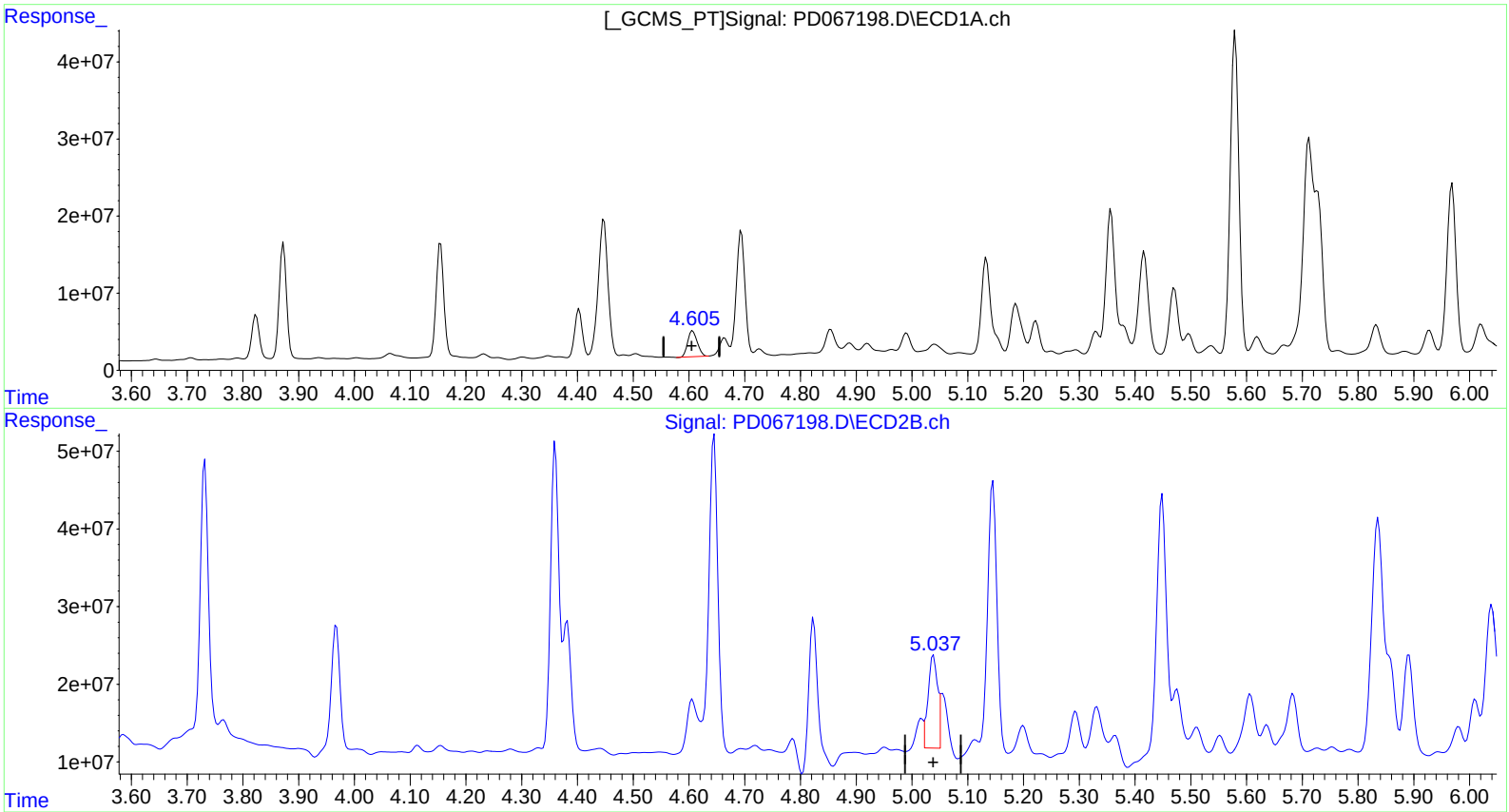
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(7) delta-BHC (B)

4.607min 14.110 ng/ml

response 40361008

(7) delta-BHC #2 (B)

5.037min 15.350 ng/ml m

response 135868571

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
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Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

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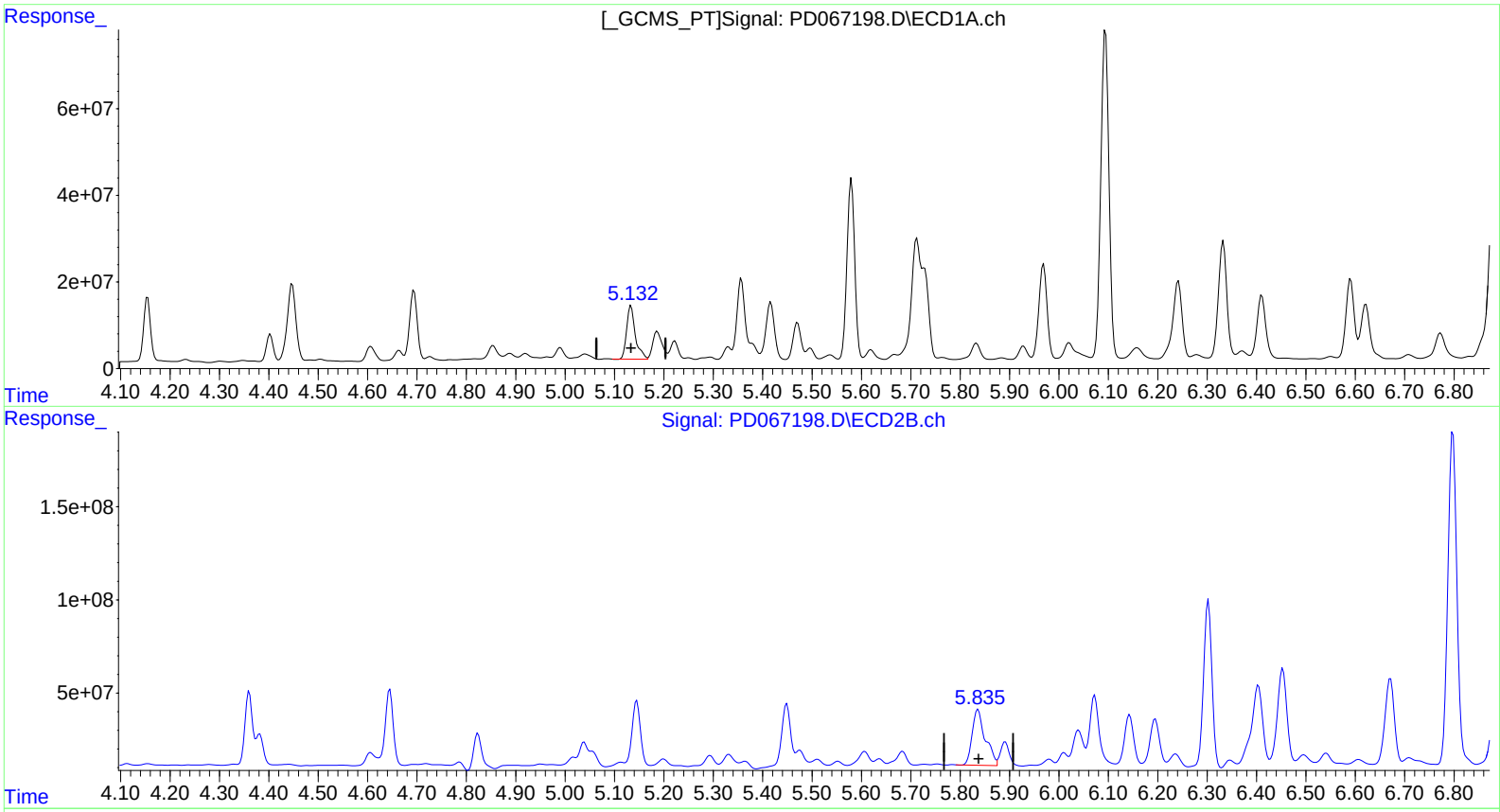

QEdit

(8) Heptachlor epoxide (B)

5.134min 54.572 ng/ml

response 150706873

(8) Heptachlor epoxide #2 (B)

5.836min 78.255 ng/ml

response 548478866

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

Reviewed By :Abdul Mirza 12/03/2021
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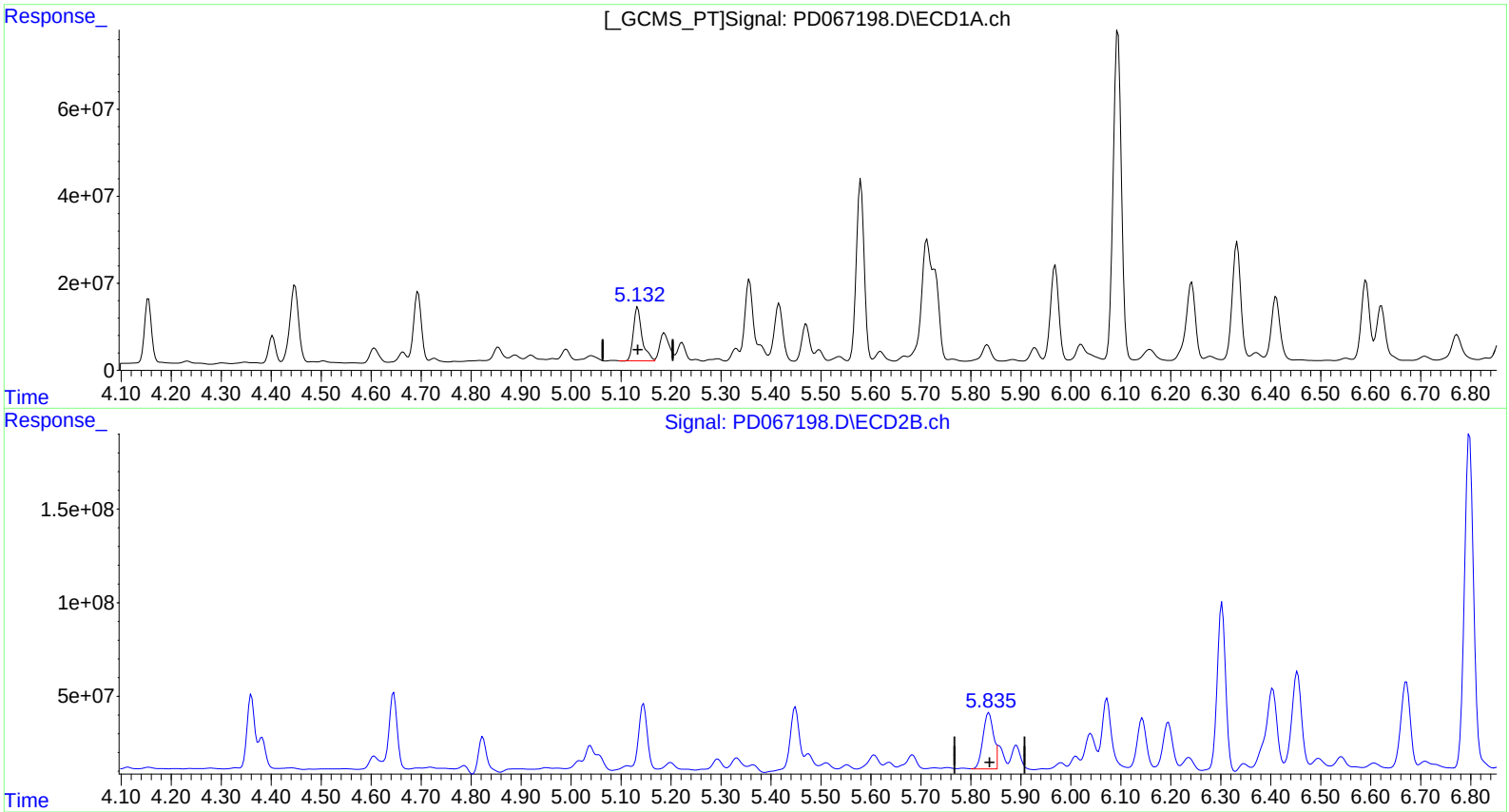

QEdit

(8) Heptachlor epoxide (B)

5.134min 54.572 ng/ml

response 150706873

(8) Heptachlor epoxide #2 (B)

5.835min 64.963 ng/ml m

response 455318362

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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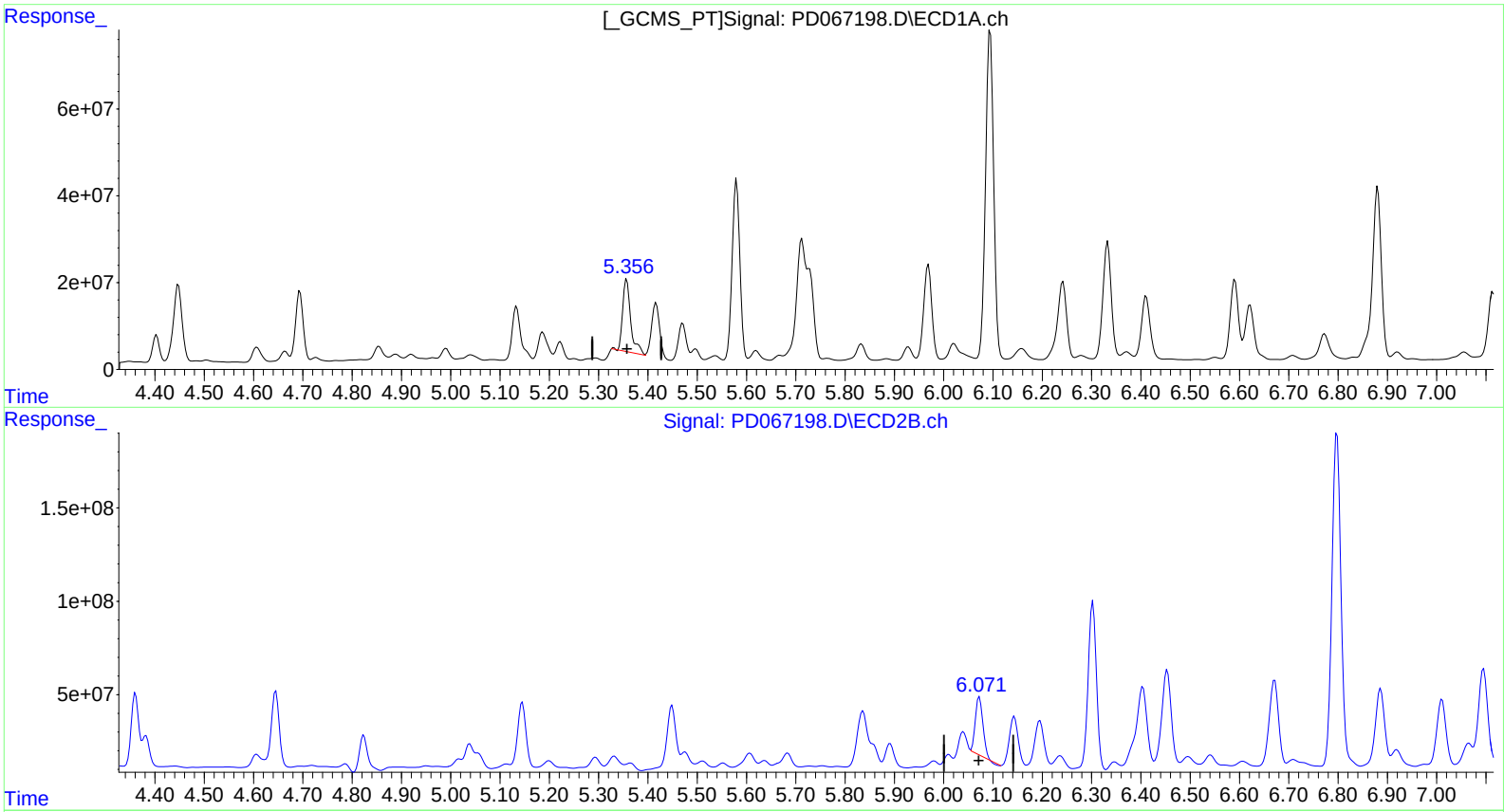

QEdit

(10) trans-Chlordane (B)

5.357min 67.563 ng/ml

response 190363406

(10) trans-Chlordane #2 (B)

6.072min 43.944 ng/ml

response 333528886

(+) = 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 :
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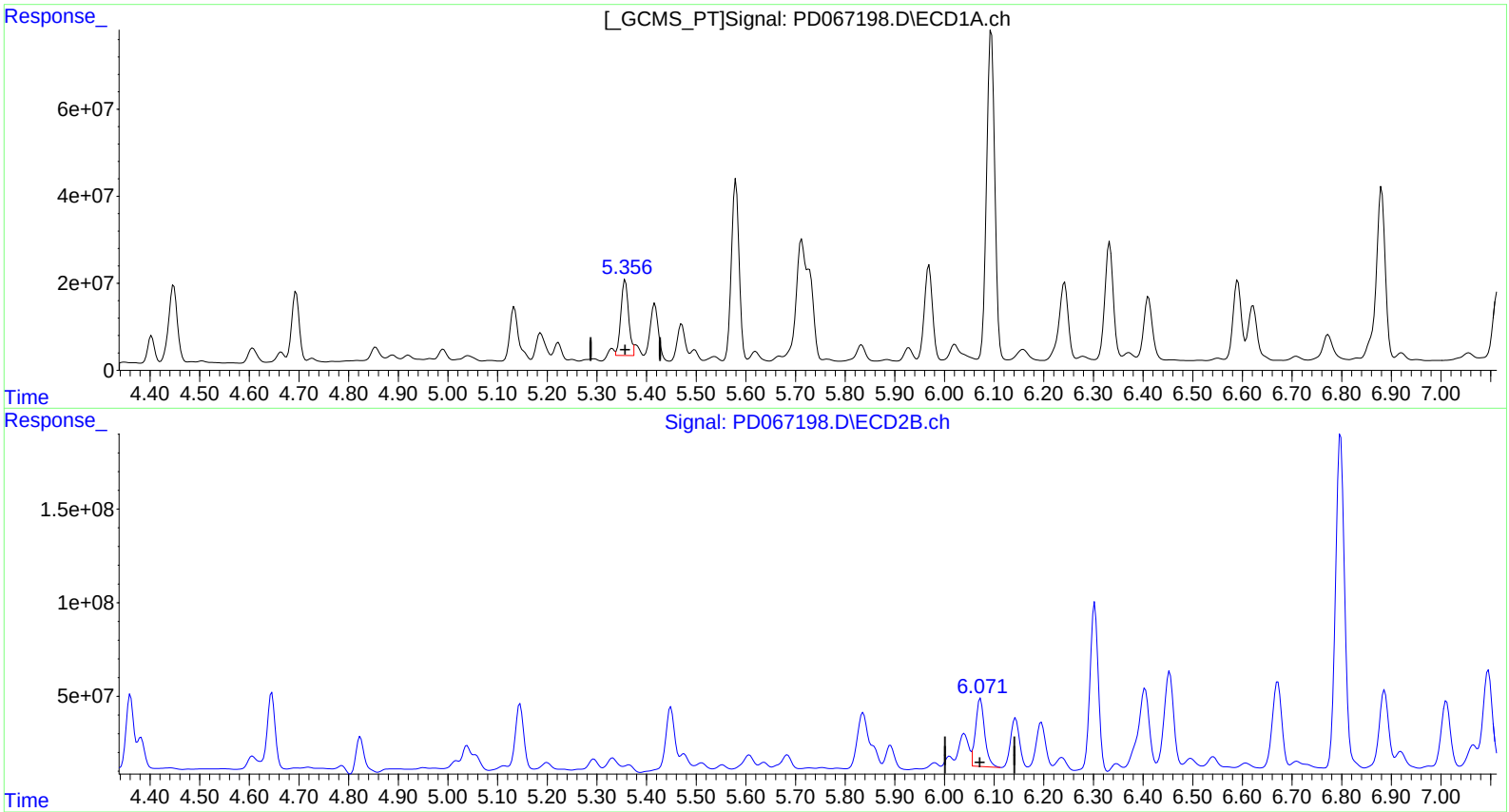

QEdit

(10) trans-Chlordane (B)

5.356min 65.889 ng/ml m

response 185646107

(10) trans-Chlordane #2 (B)

6.071min 59.844 ng/ml m

response 454209374

(+) = 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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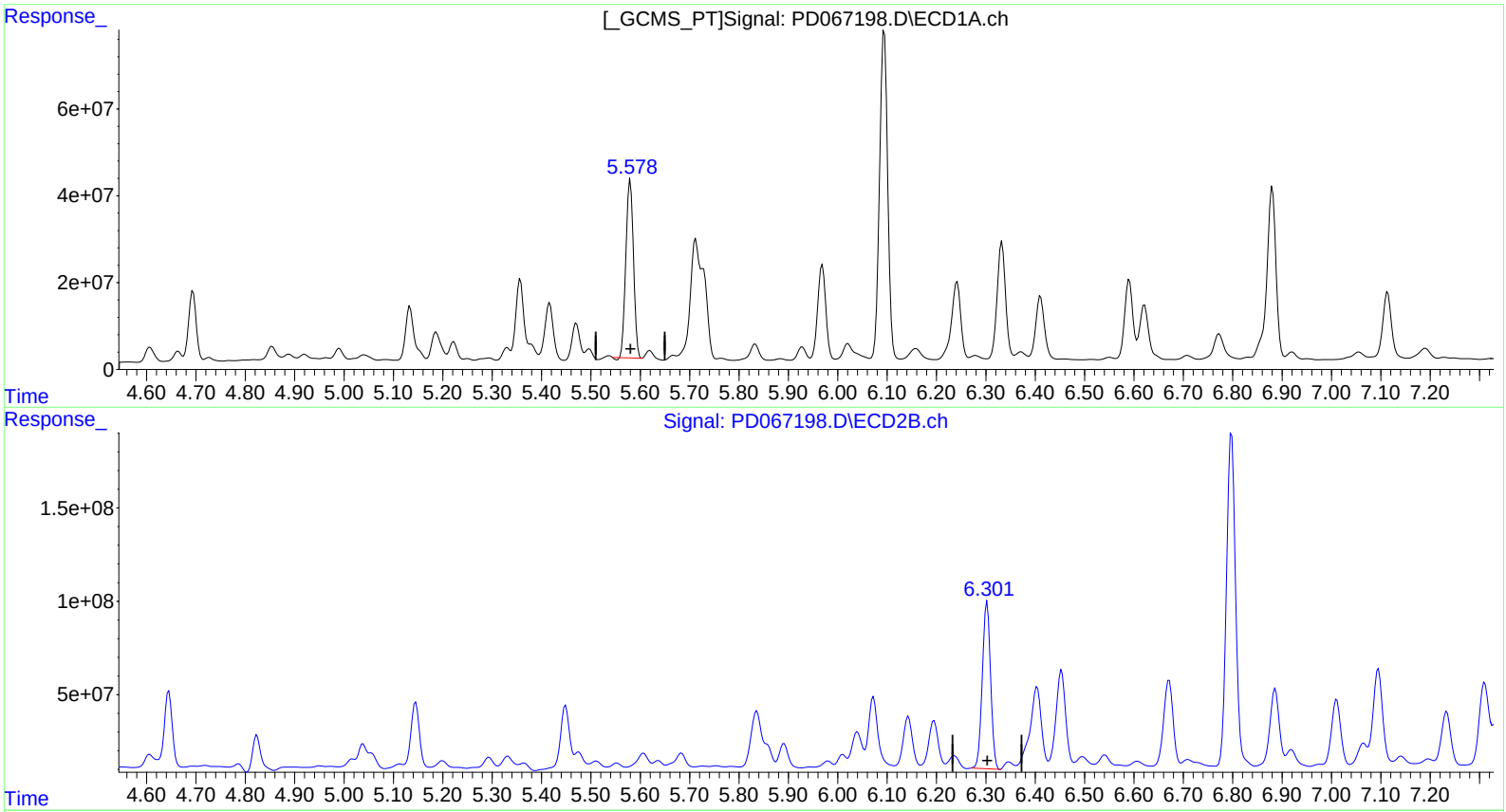

QEdit

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

5.580min 175.209 ng/ml

response 438488801

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

6.303min 155.415 ng/ml

response 1041413351

(+) = 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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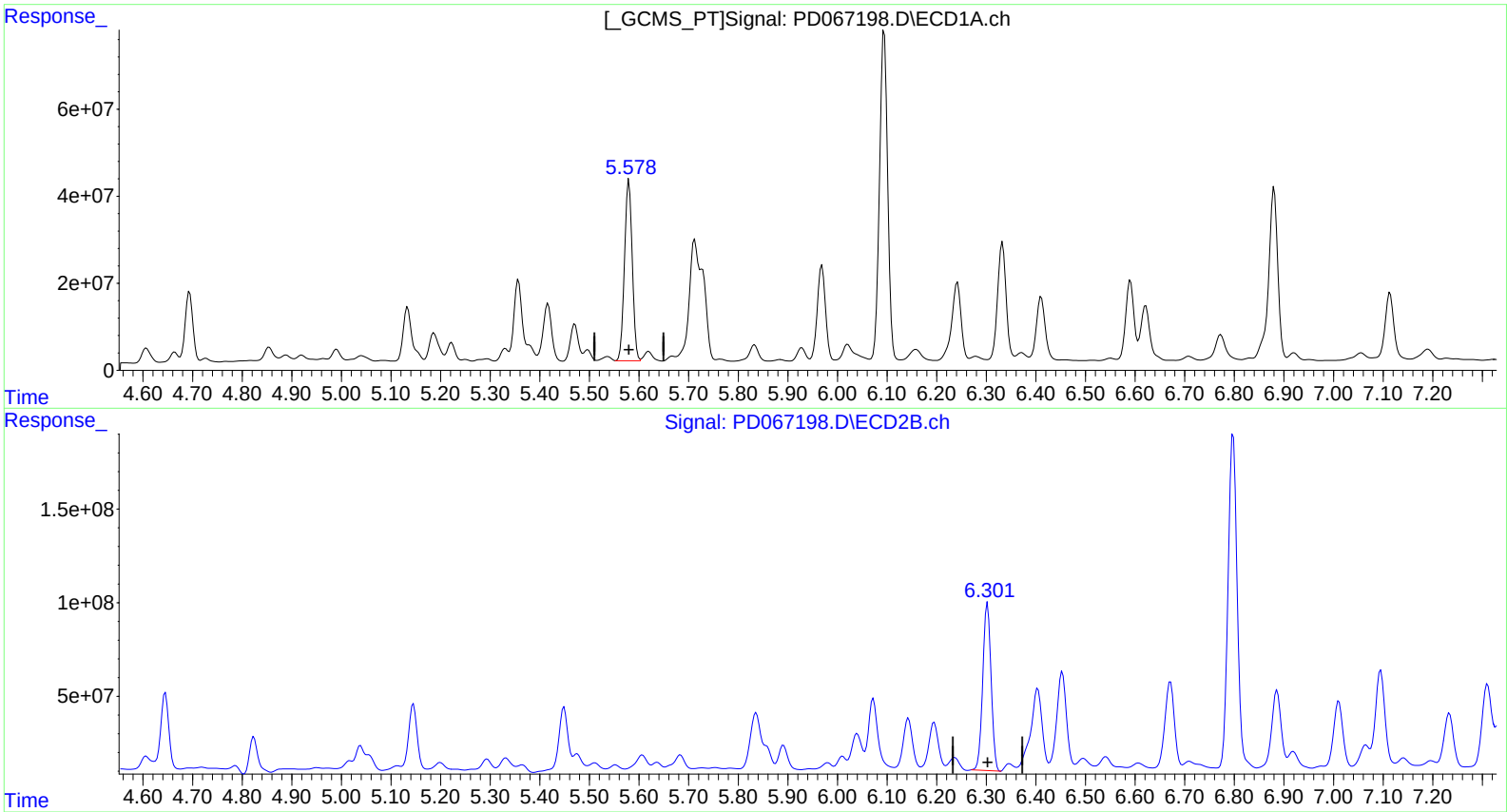
Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

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



QEdit

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

5.578min 181.172 ng/ml m

response 453413243

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

6.303min 155.415 ng/ml

response 1041413351

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

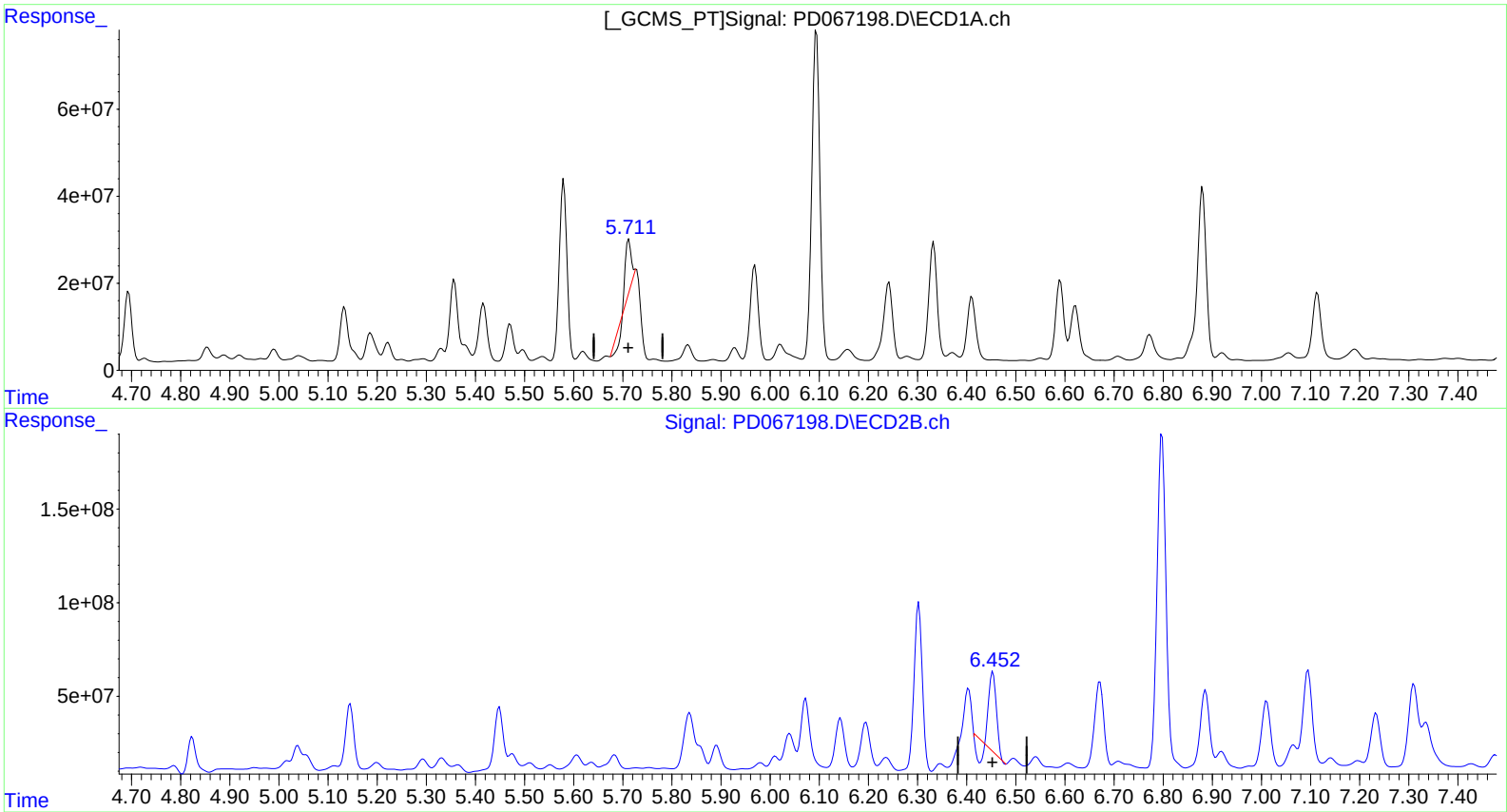
Instrument :
ECD_D
ClientSampleId :
ESQM8MS

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 04:54:24 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)

5.712min 19.030 ng/ml

response 54799592

(13) Dieldrin #2 (MA)

6.454min 54.493 ng/ml

response 405477497

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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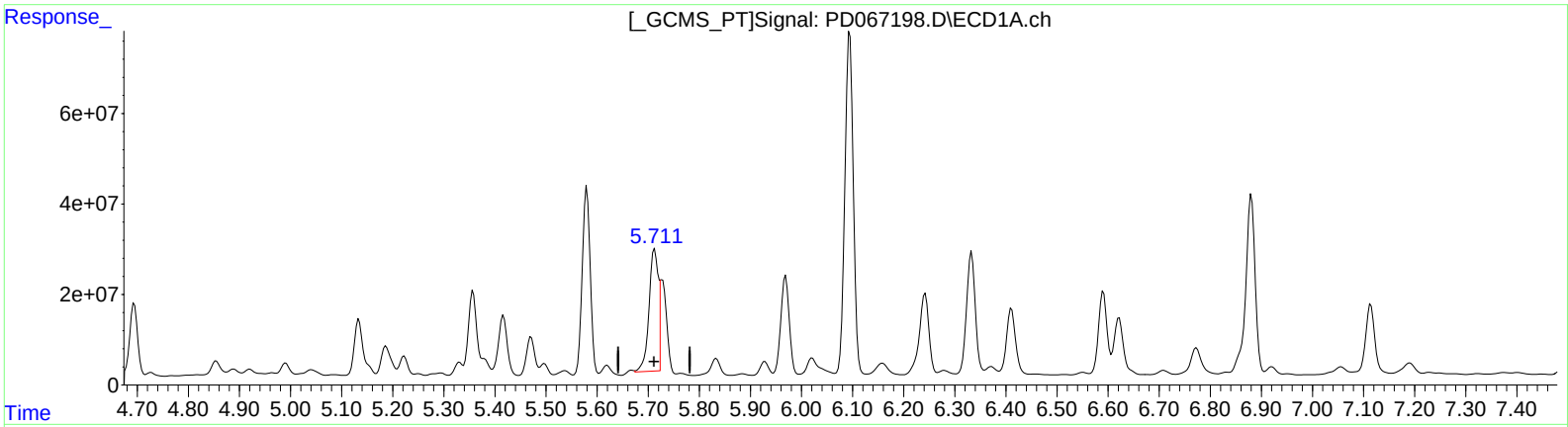

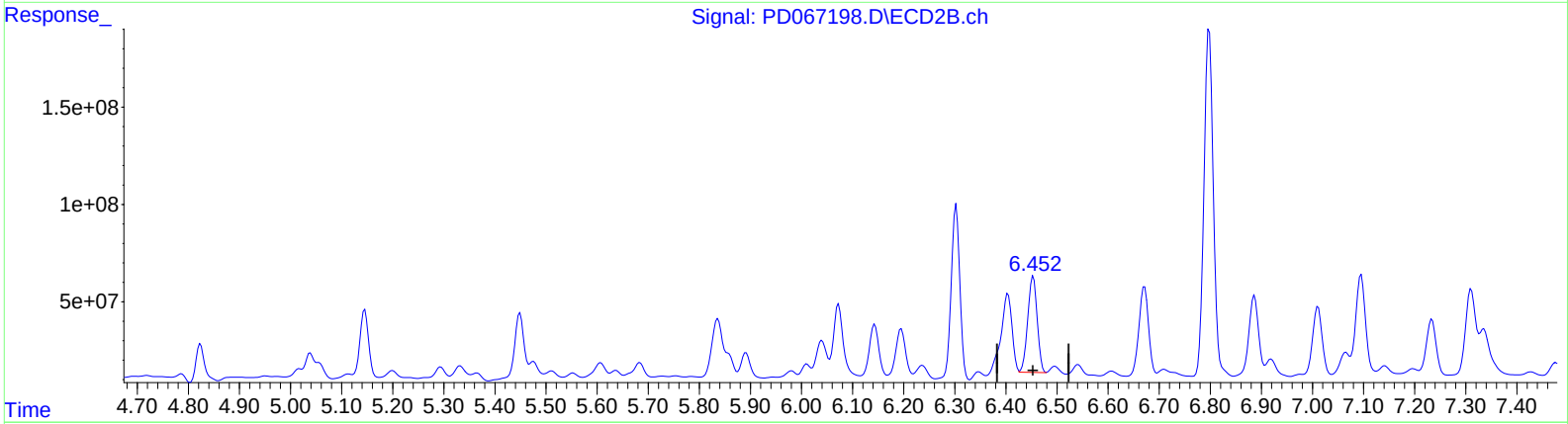

QEdit

(13) Dieldrin (MA)

5.711min 122.613 ng/ml m

response 353079950

(13) Dieldrin #2 (MA)

6.452min 84.748 ng/ml m

response 630603091

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ECD_D
ClientSampleId :
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Manual IntegrationsAPPROVED

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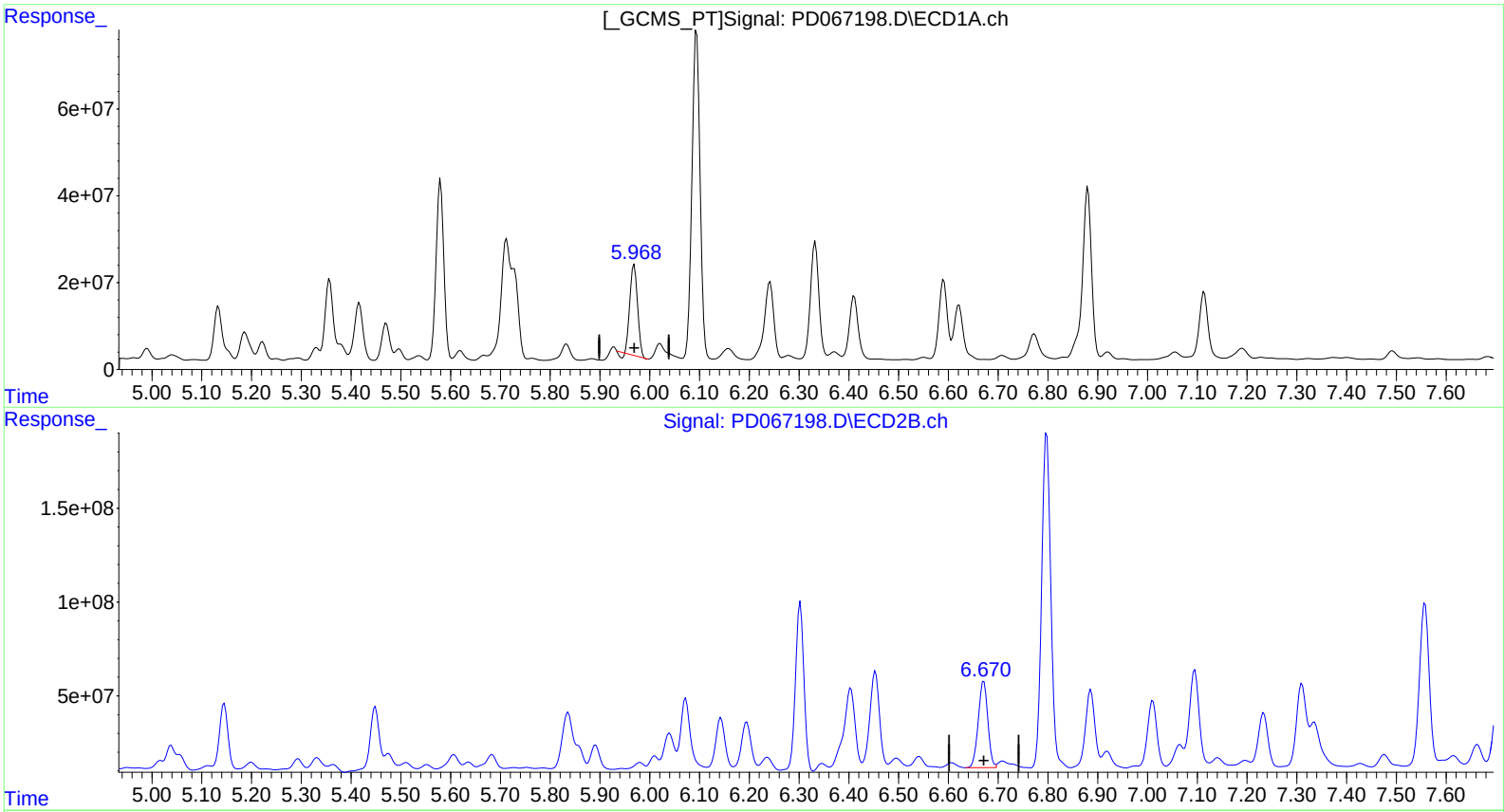

QEdit

(14) Endrin (MA)

5.969min 96.554 ng/ml

response 220810919

(14) Endrin #2 (MA)

6.671min 105.055 ng/ml

response 609491673

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
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Acq On : 02 Dec 2021 11:44
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Sample : M4833-09MS
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
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Manual IntegrationsAPPROVED

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

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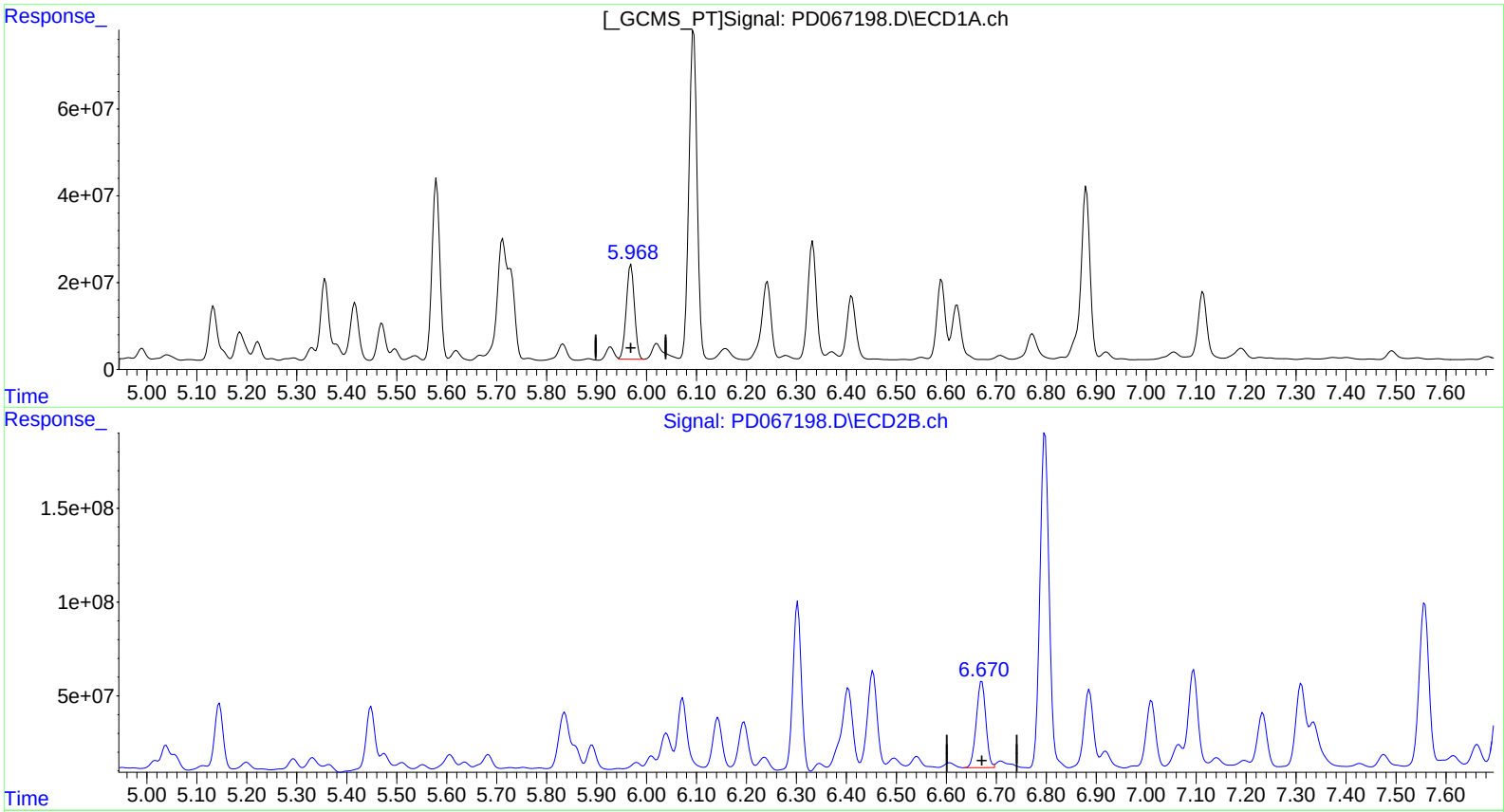
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(14) Endrin (MA)

5.968min 108.568 ng/ml m

response 248284612

(14) Endrin #2 (MA)

6.671min 105.055 ng/ml

response 609491673

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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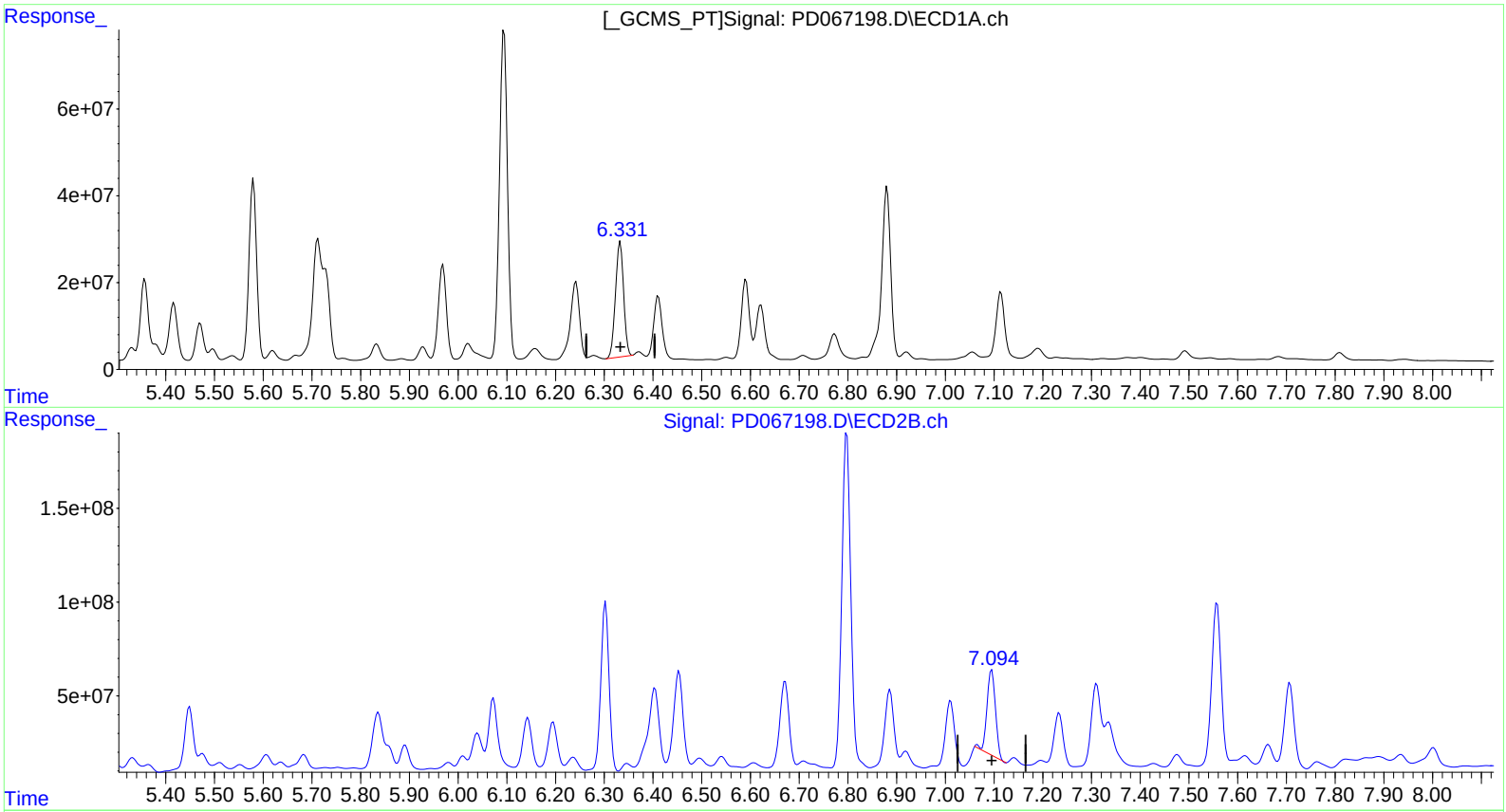
Instrument :
ECD_D
ClientSampleId :
ESQM8MS

Manual IntegrationsAPPROVED

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



QEdit

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

6.333min 144.611 ng/ml

response 307405784

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

7.095min 95.143 ng/ml

response 548248457

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MS

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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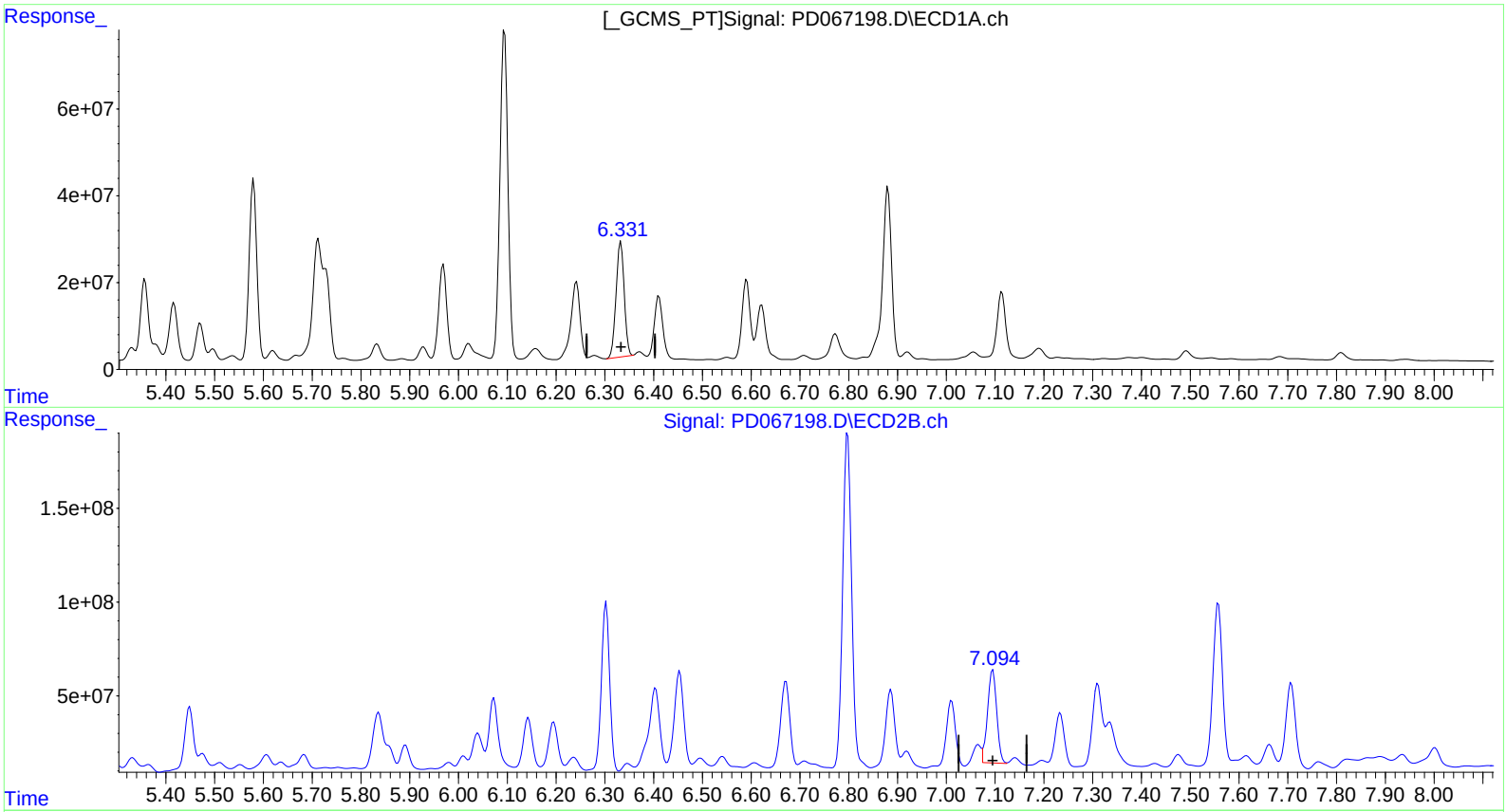
Response via : Initial Calibration
Integrator: ChemStation

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)

6.333min 144.611 ng/ml

response 307405784

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

7.094min 111.727 ng/ml m

response 643810723

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
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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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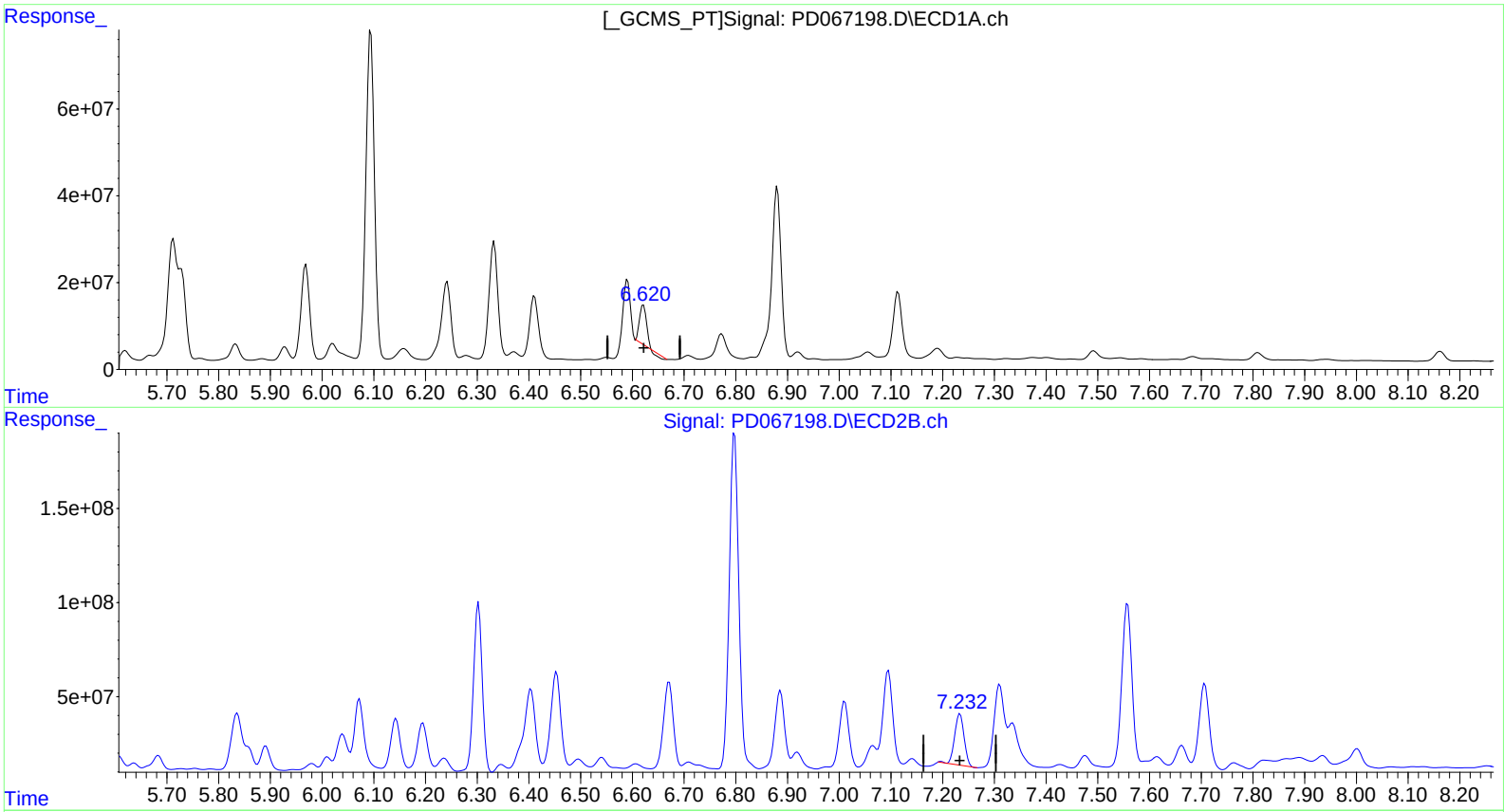

QEdit

(19) Endosulfan Sulfate (B)

6.622min 41.304 ng/ml

response 79680696

(19) Endosulfan Sulfate #2 (B)

7.234min 60.392 ng/ml

response 346811449

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2021 11:44
Operator : AR\AJ
Sample : M4833-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ESQM8MS

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 04:54:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112921CLP.M
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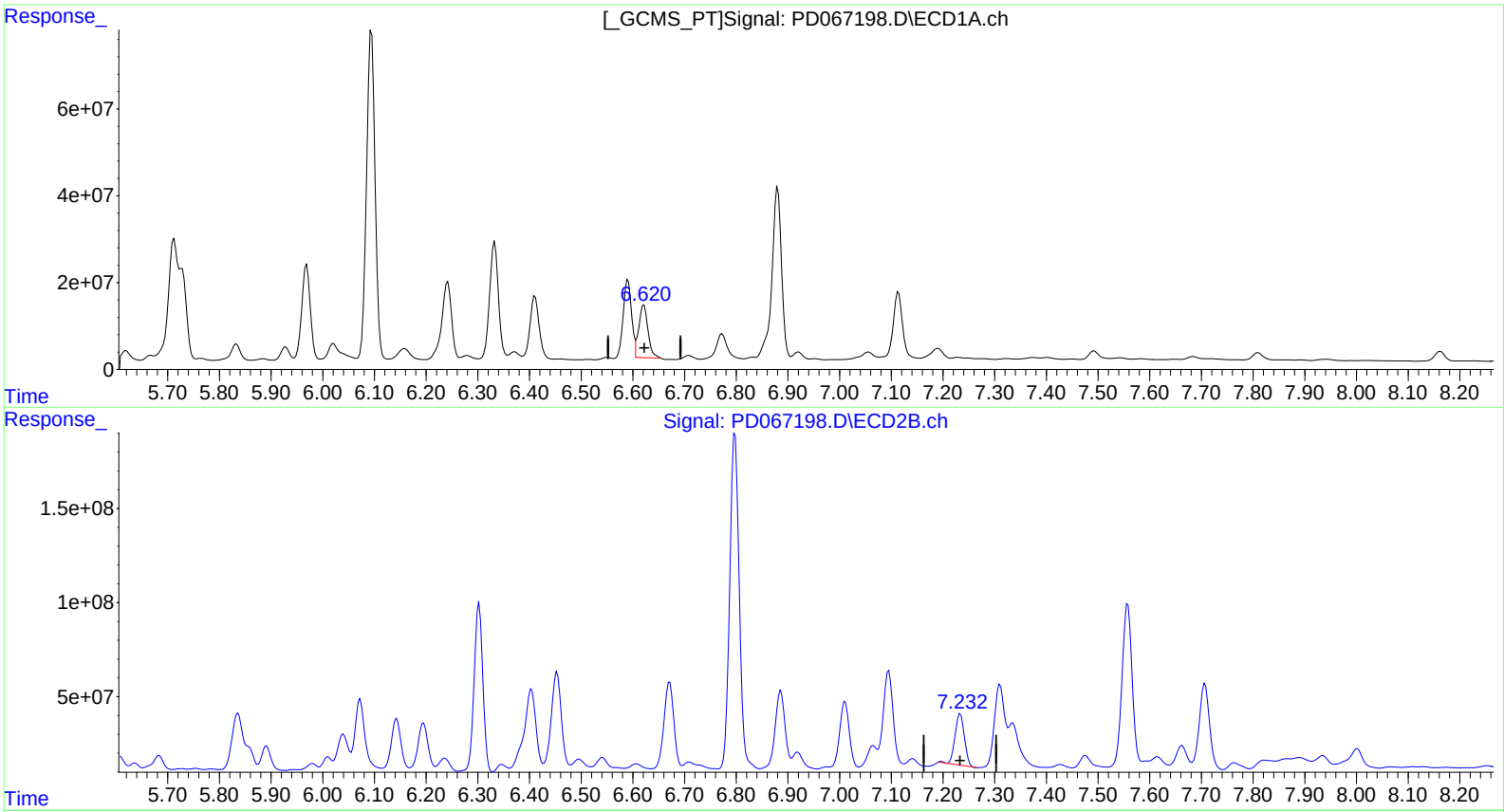
QLast Update : Tue Nov 30 05:28:01 2021
Response via : Initial Calibration
Integrator: ChemStation

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



QEdit

(19) Endosulfan Sulfate (B)

6.620min 77.187 ng/ml m

response 148904769

(19) Endosulfan Sulfate #2 (B)

7.234min 60.392 ng/ml

response 346811449

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Manual IntegrationsAPPROVED

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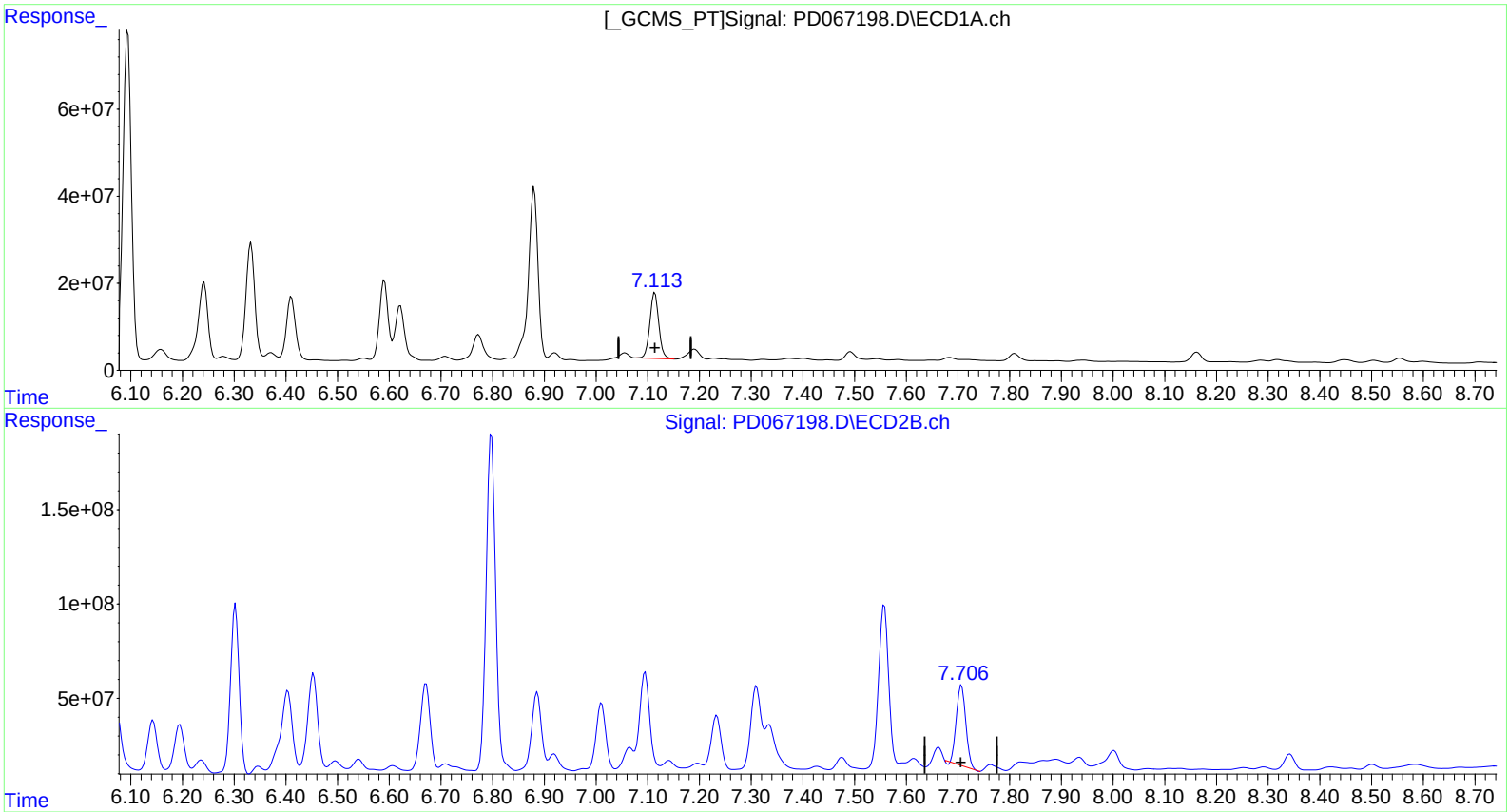

QEdit

(21) Endrin ketone (B)

7.114min 87.701 ng/ml

response 182068740

(21) Endrin ketone #2 (B)

7.707min 81.485 ng/ml

response 538069836

(+) = Expected Retention Time

Quantitation Report (Qedit)

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

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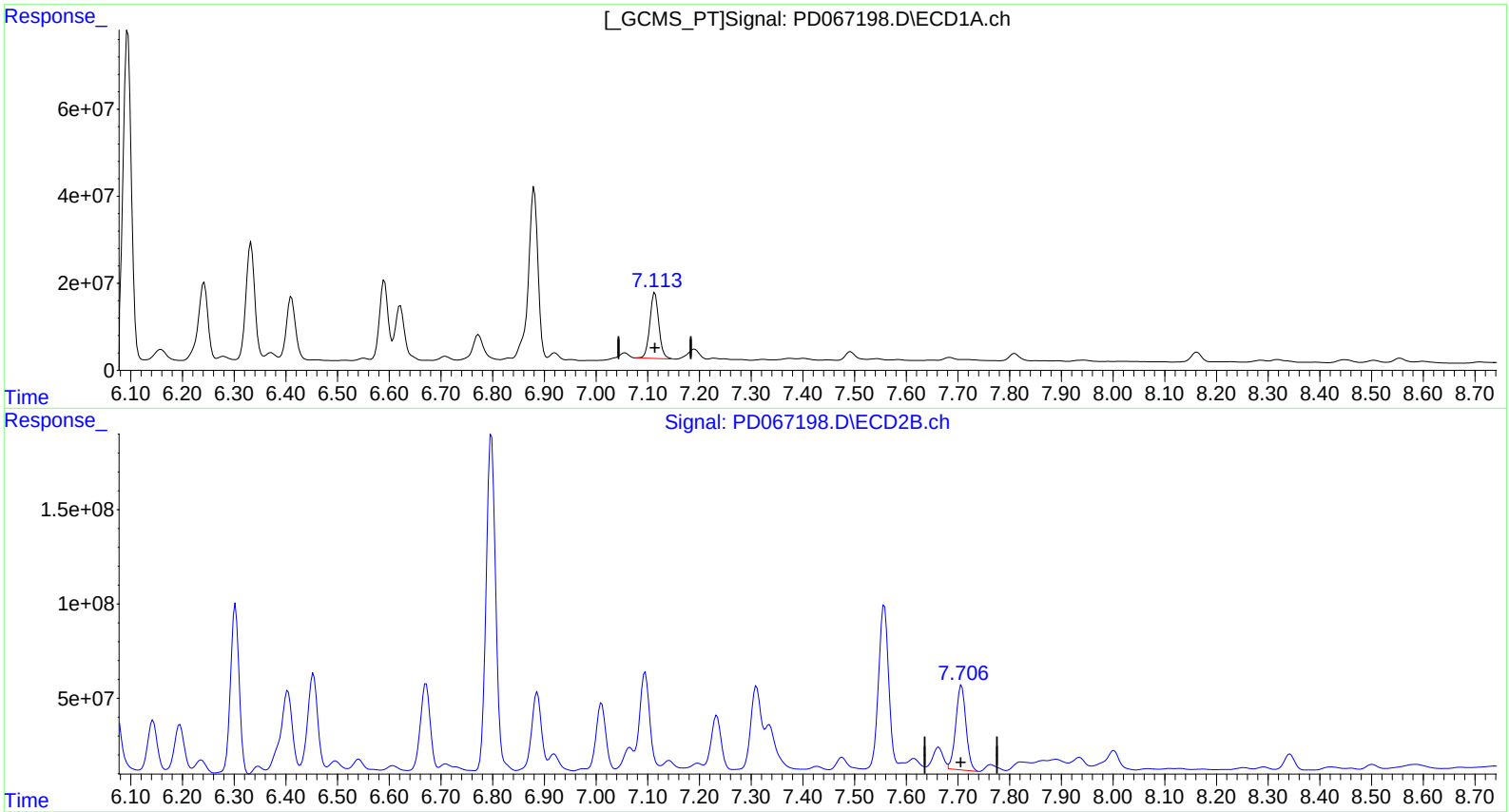

QEdit

(21) Endrin ketone (B)

7.114min 87.701 ng/ml

response 182068740

(21) Endrin ketone #2 (B)

7.706min 92.795 ng/ml m

response 612753427

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120321\
Data File : PD067198.D
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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...	3.436	3.968	36835265	180.8E6	16.870	22.561 #
27)	SA Decachlor...	8.162	9.022	30786314	180.4E6	27.116	35.576m#
	Target Compounds						
2)	A alpha-BHC	3.873	4.361	135.3E6	422.3E6	41.373	39.365
3)	MA gamma-BHC...	4.155	4.644	144.2E6	468.2E6	45.317	46.675m
4)	MA Heptachlor	4.448	5.145	216.5E6	399.2E6	67.554	42.798 #
5)	MB Aldrin	4.693	5.448	164.9E6	398.9E6	53.282m	46.263m
6)	B beta-BHC	4.403	4.824	58496963	220.2E6	43.941	47.733
7)	B delta-BHC	4.607	5.037	40361008	135.9E6	14.110	15.350m
8)	B Heptachlo...	5.134	5.835	150.7E6	455.3E6	54.572	64.963m
9)	A Endosulfan I	5.471	6.195	92776846	332.2E6	34.896	45.825 #
10)	B trans-Chl...	5.356	6.071	185.6E6	454.2E6	65.889m	59.844m
11)	B cis-Chlor...	5.417	6.143	139.8E6	335.3E6	50.395	45.329
12)	B 4,4'-DDE	5.578	6.303	453.4E6	1041.4E6	181.172m	155.415
13)	MA Dieldrin	5.711	6.452	353.1E6	630.6E6	122.613m	84.748m#
14)	MA Endrin	5.968	6.671	248.3E6	609.5E6	108.568m	105.055
15)	B Endosulfa...	6.242	6.886	226.3E6	555.3E6	100.788	91.469
16)	A 4,4'-DDD	6.094	6.798	865.4E6	2282.0E6	409.337	390.210
17)	MA 4,4'-DDT	6.333	7.094	307.4E6	643.8E6	144.611	111.727m
18)	B Endrin al...	6.411	7.011	165.8E6	439.9E6	100.559	93.337
19)	B Endosulfa...	6.620	7.234	148.9E6	346.8E6	77.187m	60.392
20)	A Methoxychlor	6.880	7.558	496.5E6	1171.6E6	499.602	420.935
21)	B Endrin ke...	7.114	7.706	182.1E6	612.8E6	87.701	92.795m

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