Quantitation Report (Qedit)

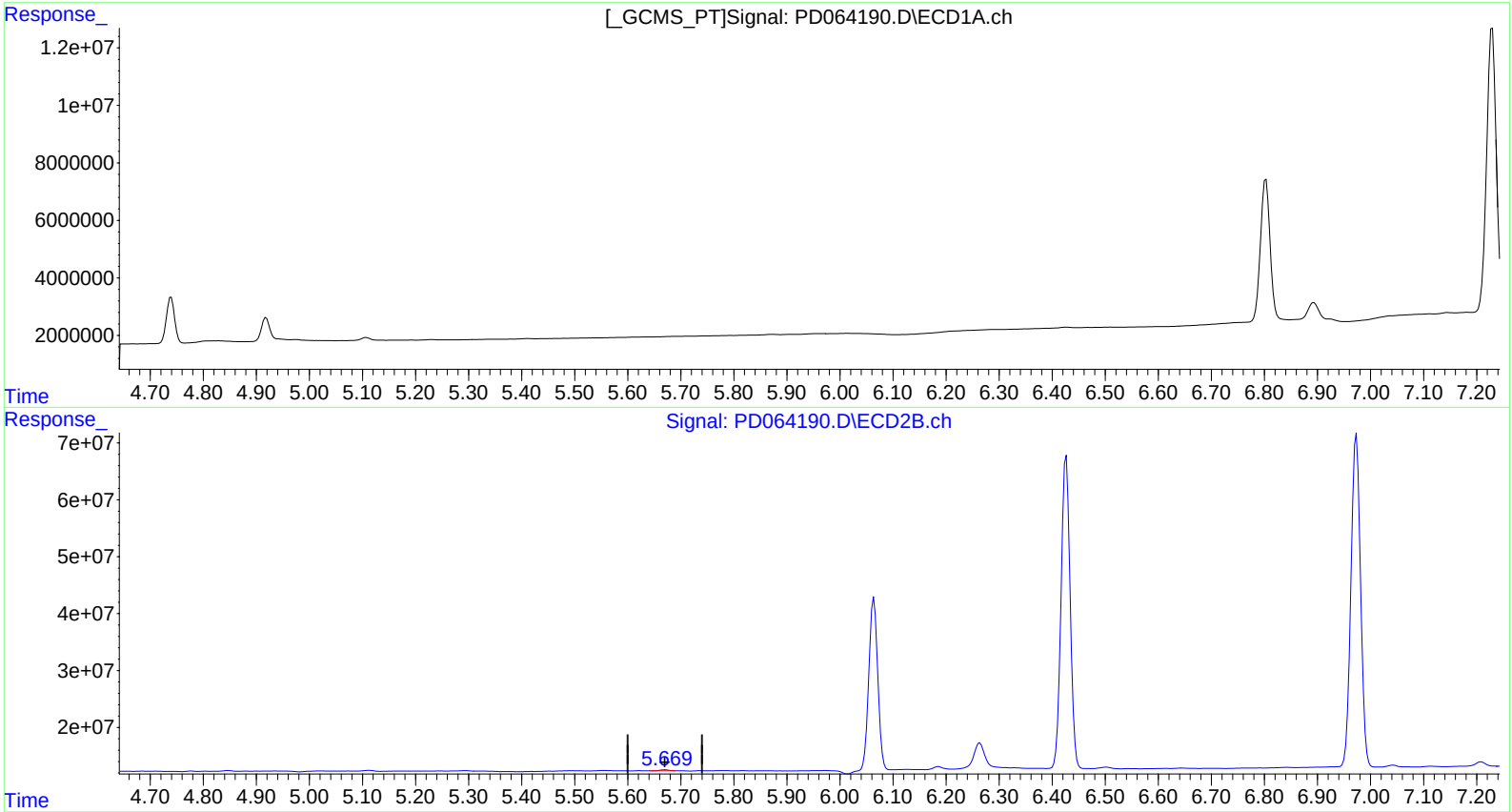
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 17:01:24 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM




QEdit

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

0.000min  0.000 ng/ml

response  0

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

5.670min  0.227 ng/ml

response  1900604

(+) = Expected Retention Time

Quantitation Report (Qedit)

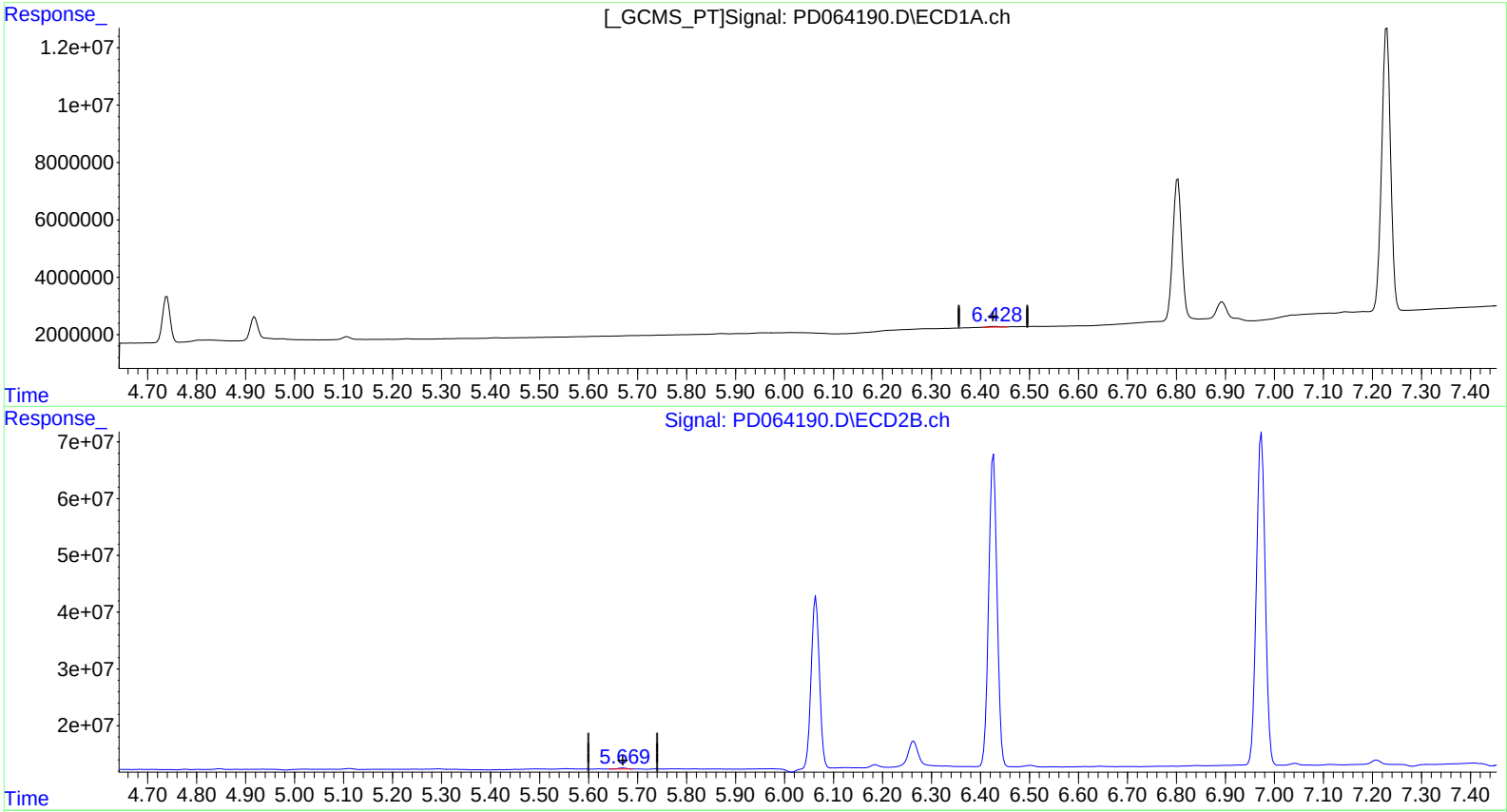
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 16:37:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM




QEdit

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

6.428min  0.249 ng/ml m

response  345007

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

5.670min  0.227 ng/ml

response  1900604

(+) = Expected Retention Time

Quantitation Report (Qedit)

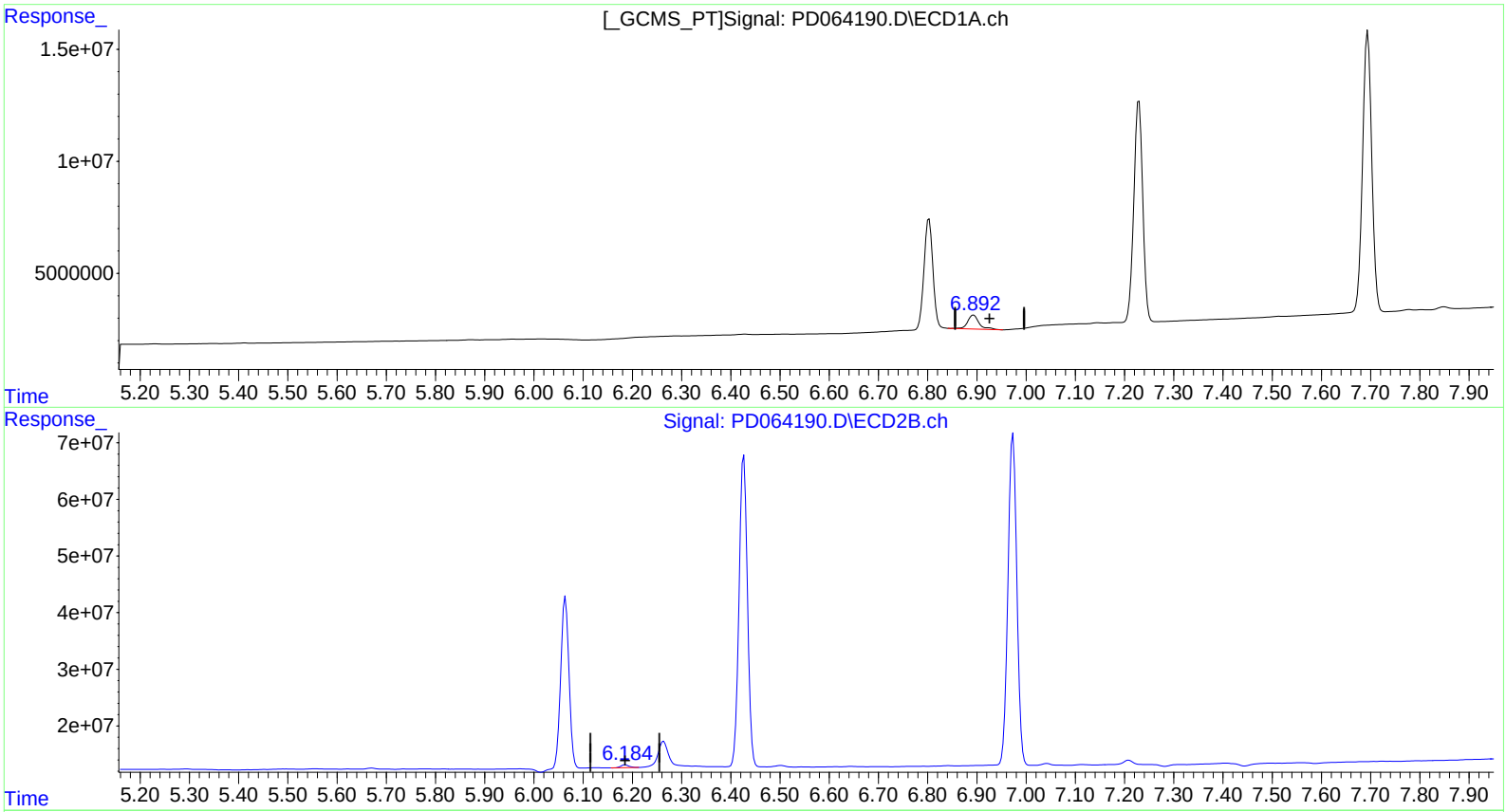
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 16:37:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM




QEdit

(16)  4,4'-DDD (A)
6.893min  8.816 ng/ml
response  10038337

(16)  4,4'-DDD #2 (A)
6.186min  0.848 ng/ml
response  5706655

(+) = Expected Retention Time

Quantitation Report (Qedit)

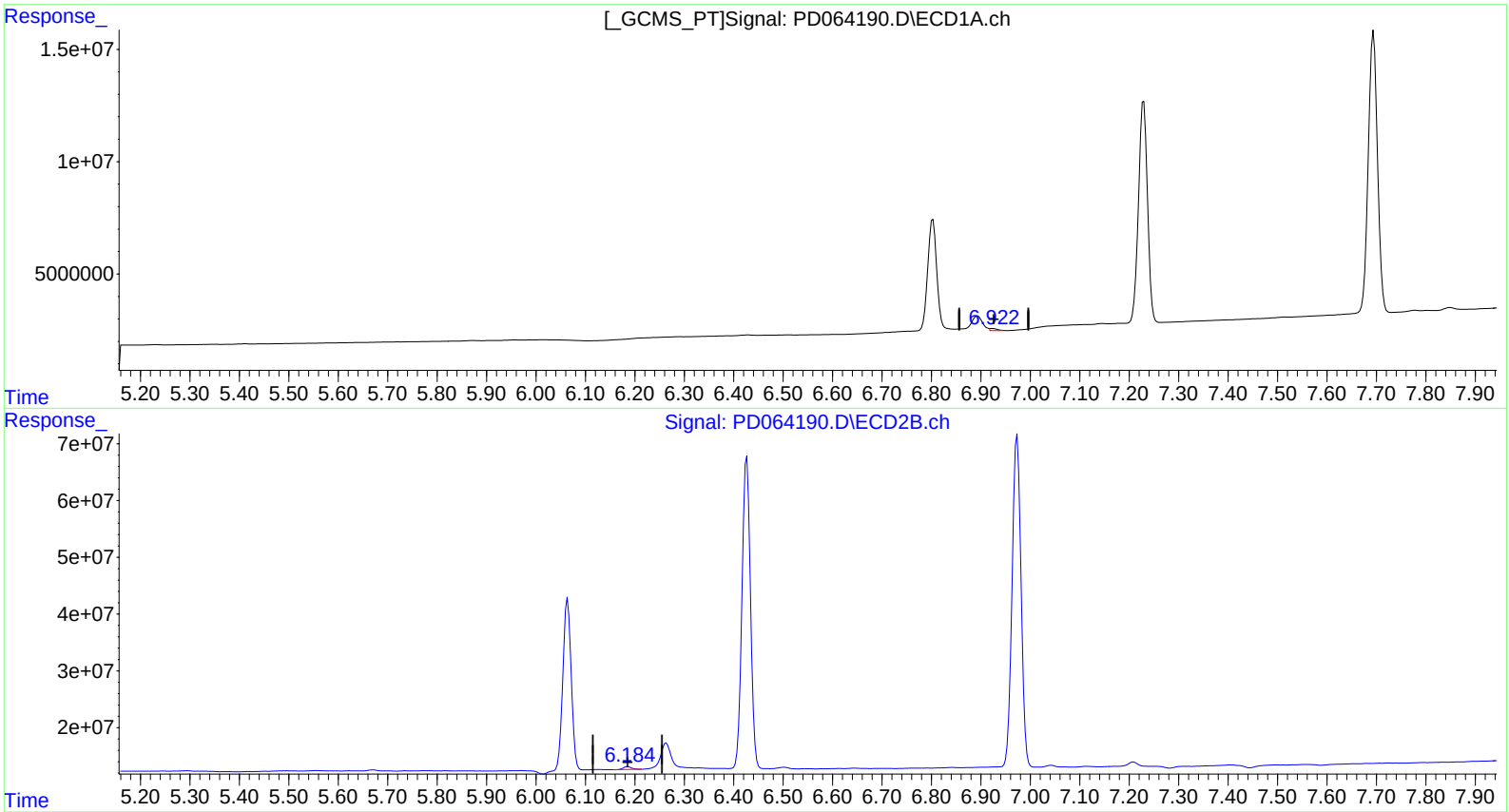
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 16:37:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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

(16)  4,4'-DDD (A)

6.922min  0.844 ng/ml m

response  960599

(16)  4,4'-DDD #2 (A)

6.186min  0.848 ng/ml

response  5706655

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Jul 09 16:37:34 2021
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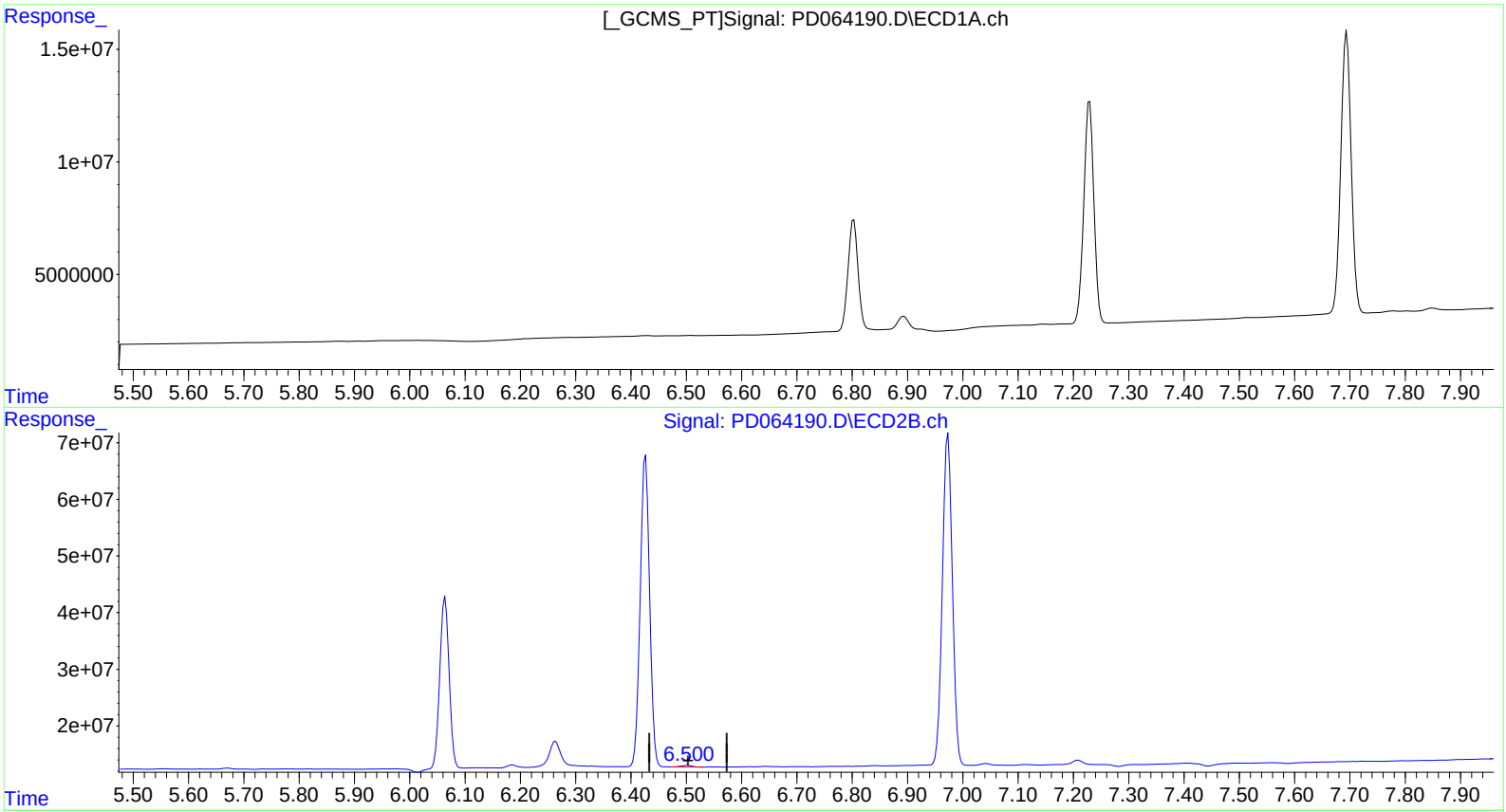
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 2021
Response via : Initial Calibration
Integrator: ChemStation

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
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM




QEdit

(18)  Endrin aldehyde (B)

0.000min  0.000 ng/ml

response  0

(18)  Endrin aldehyde #2 (B)

6.501min  0.688 ng/ml

response  3812422

(+) = Expected Retention Time

Quantitation Report (Qedit)

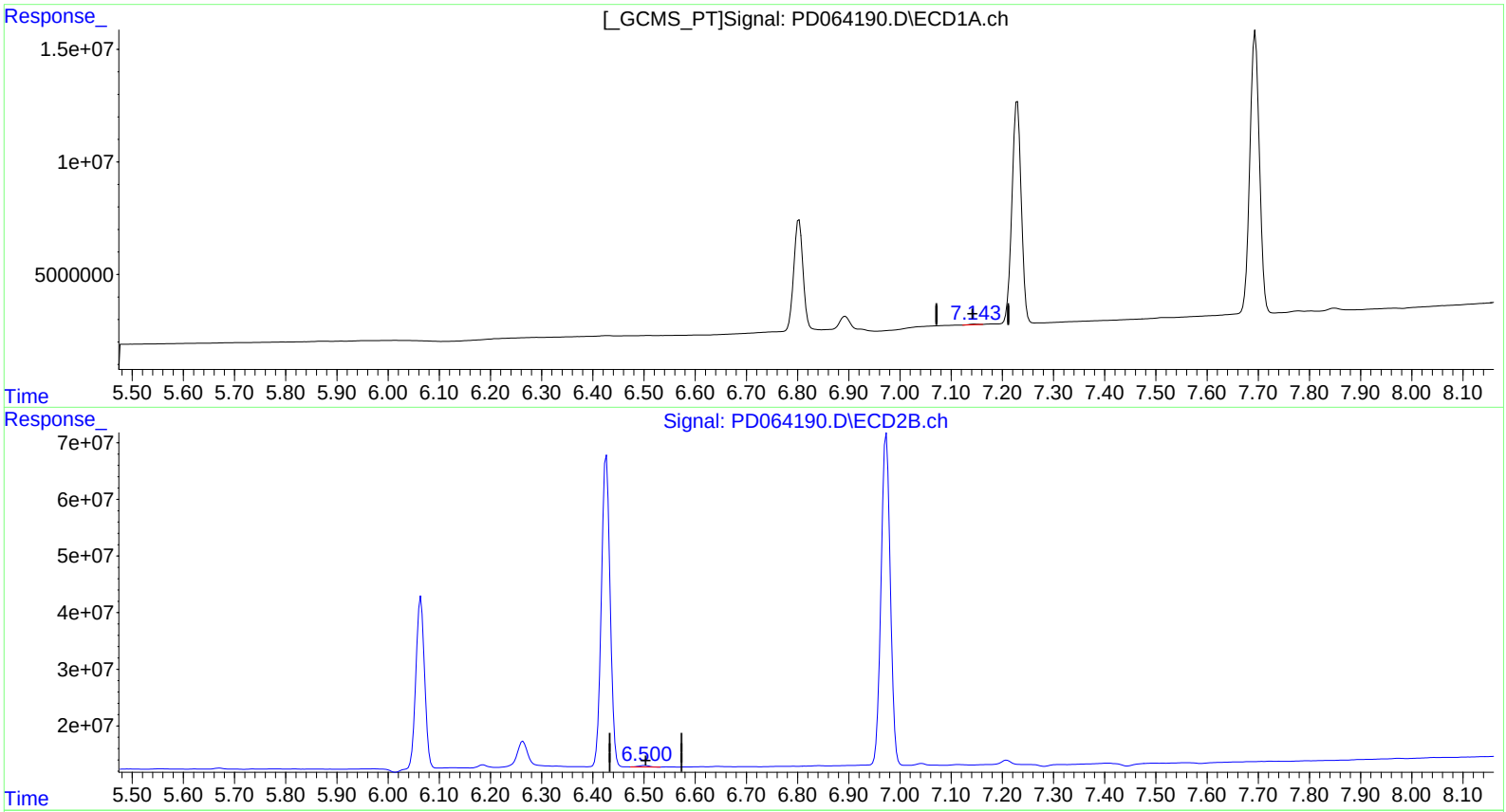
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 09 Jul 2021  12:15
Operator  : AR\AJ
Sample  : PEM45
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 16:37:34 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title  : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM




QEdit

(18)  Endrin aldehyde (B)

7.143min  0.346 ng/ml m

response  355836

(18)  Endrin aldehyde #2 (B)

6.501min  0.688 ng/ml

response  3812422

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070921\
Data File : PD064190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2021 12:15
Operator : AR\AJ
Sample : PEM45
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070921CLP.M
Quant Title : GC Extractables
QLast Update : Fri Jul 09 16:20:23 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... | 4.046 | 3.514 | 25749322 | 186.9E6 | 19.245 | 18.704 | |
| 27) | SA Decachlor... | 9.217 | 8.260 | 21054796 | 108.7E6 | 19.632 | 20.801 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 4.448 | 3.953 | 18231888 | 136.8E6 | 9.792 | 10.230 | |
| 3) | MA gamma-BHC... | 4.739 | 4.235 | 17123789 | 123.8E6 | 9.617 | 10.178 | |
| 6) | B beta-BHC | 4.918 | 4.481 | 8460643 | 61300545 | 10.093 | 11.280 | |
| 12) | B 4,4'-DDE | 6.428 | 5.670 | 345007 | 1900604 | 0.249m | 0.227 | |
| 14) | MA Endrin | 6.803 | 6.064 | 62288242 | 356.4E6 | 52.757 | 48.902 | |
| 16) | A 4,4'-DDD | 6.922 | 6.186 | 960599 | 5706655 | 0.844m | 0.848 | |
| 17) | MA 4,4'-DDT | 7.229 | 6.426 | 125.1E6 | 653.2E6 | 108.396 | 93.303 | |
| 18) | B Endrin al... | 7.143 | 6.501 | 355836 | 3812422 | 0.346m | 0.688 | # |
| 20) | A Methoxychlor | 7.694 | 6.973 | 163.1E6 | 738.5E6 | 254.147 | 239.337 | |
| 21) | B Endrin ke... | 7.849 | 7.209 | 1595078 | 9547125 | 1.200 | 1.409 | |

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

**Instrument :**
ECD_D
**LabSampleId :**
PEM45

**Manual Integrations APPROVED**
mohammad
7/12/2021 10:24:59 AM

AJ
07/19/21