Quantitation Report (Qedit)

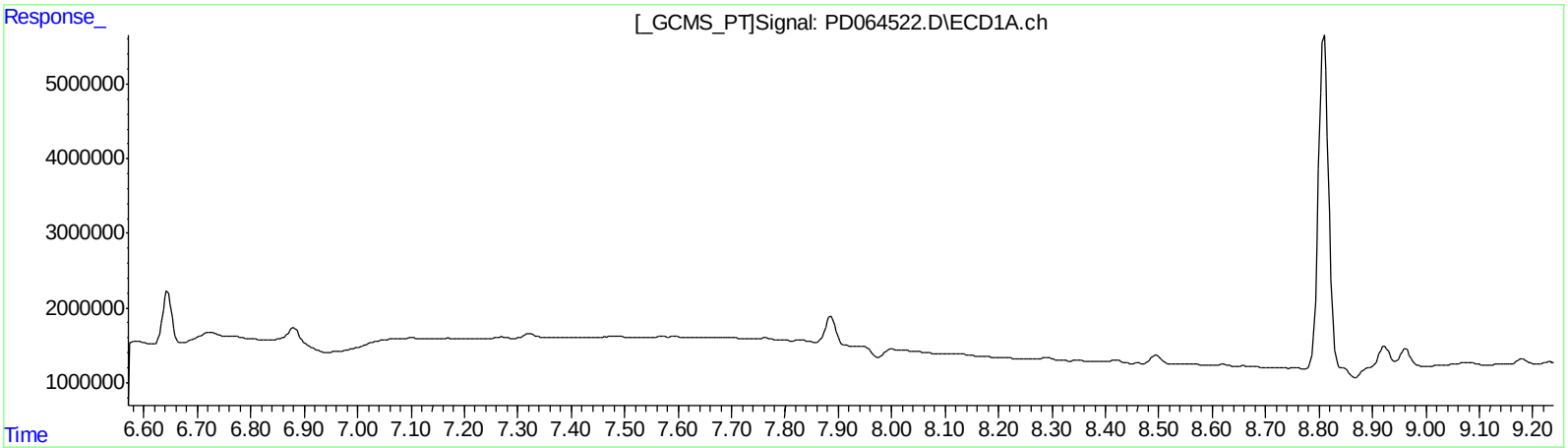
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064522.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample  : PEM68
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

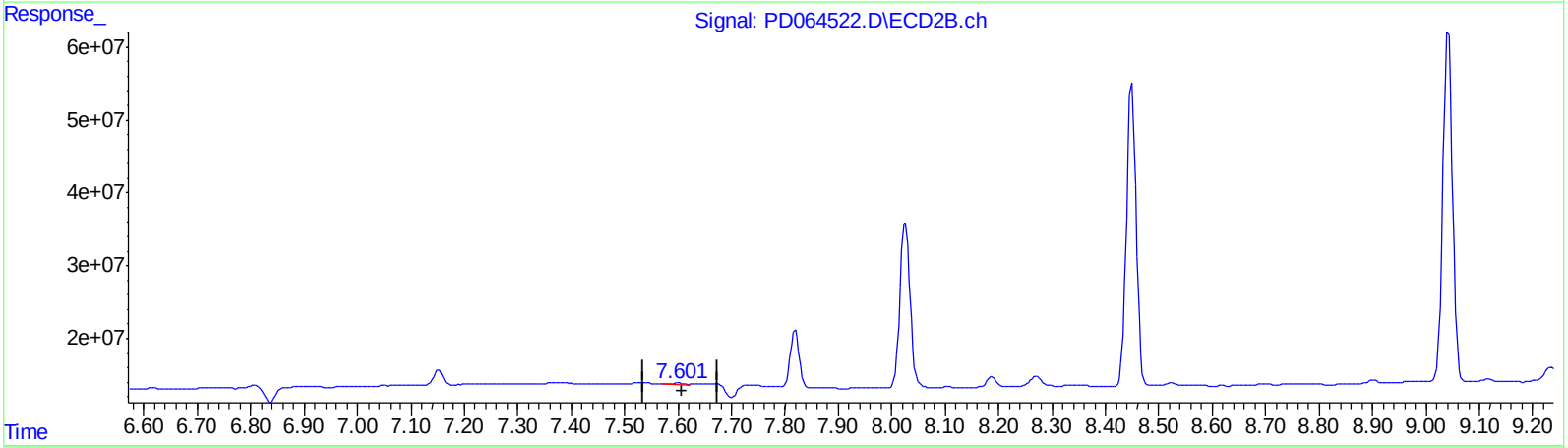
**Instrument :**
ECD_D
**LabSampleId :**
PEM68

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 07:14:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title  : GC Extractables
QLast Update : Wed Jul 28 07:07:14 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

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

0.000min  0.000 ng/ml

response  0

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

7.602min  0.185 ng/ml

response  1396004

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample    : PEM68
Misc      :
ALS Vial  : 3   Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
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**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
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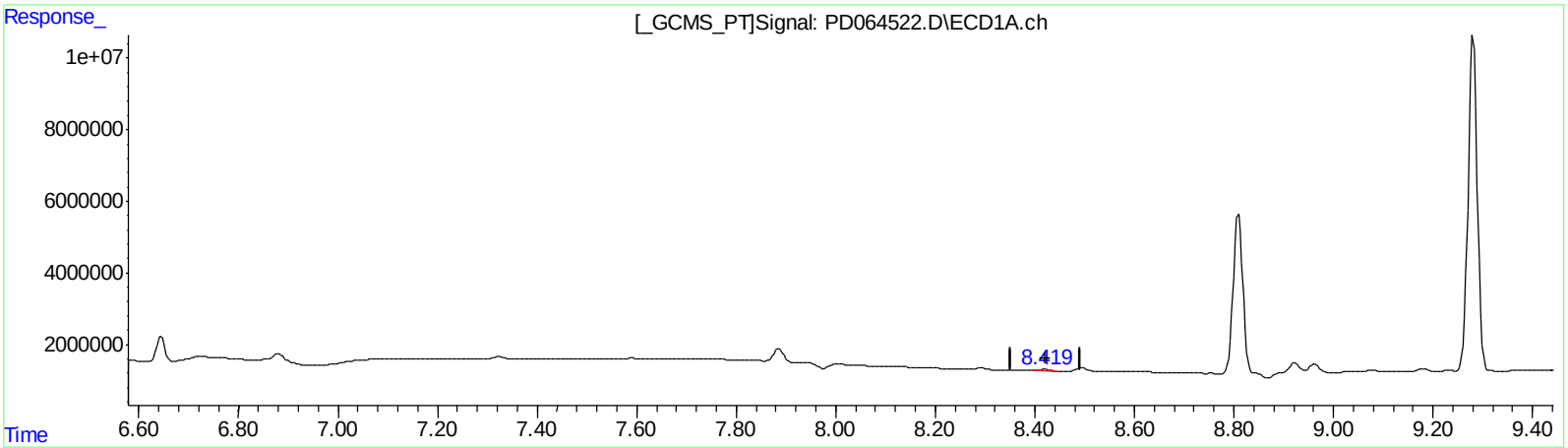


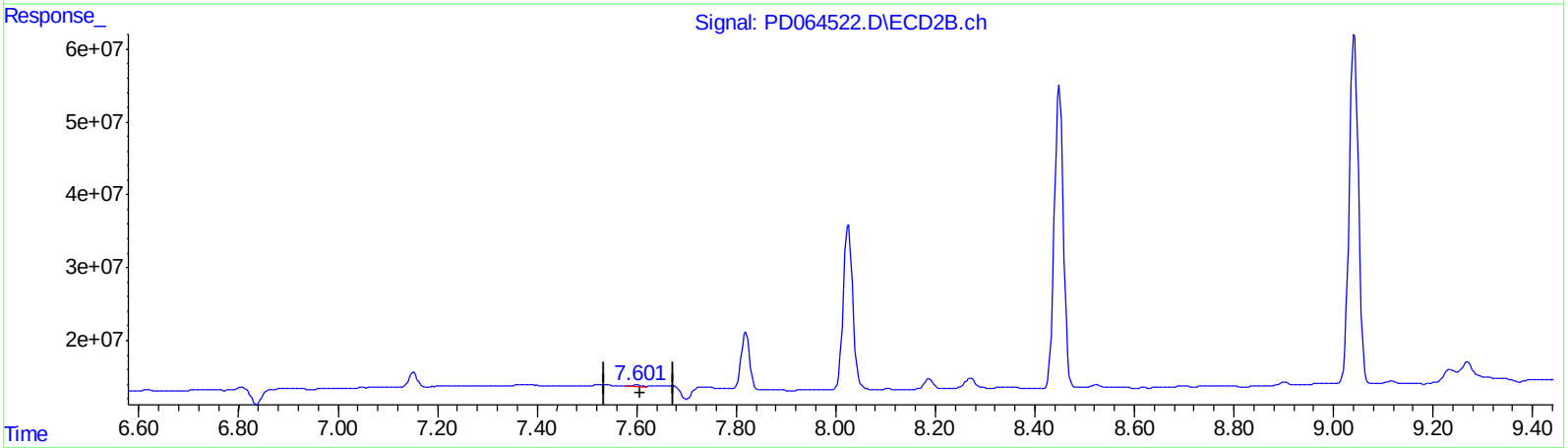


QEdit

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

8.419min  0.295 ng/ml m

response  425118

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

7.601min  0.257 ng/ml m

response  1937321

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064522.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample  : PEM68
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM68

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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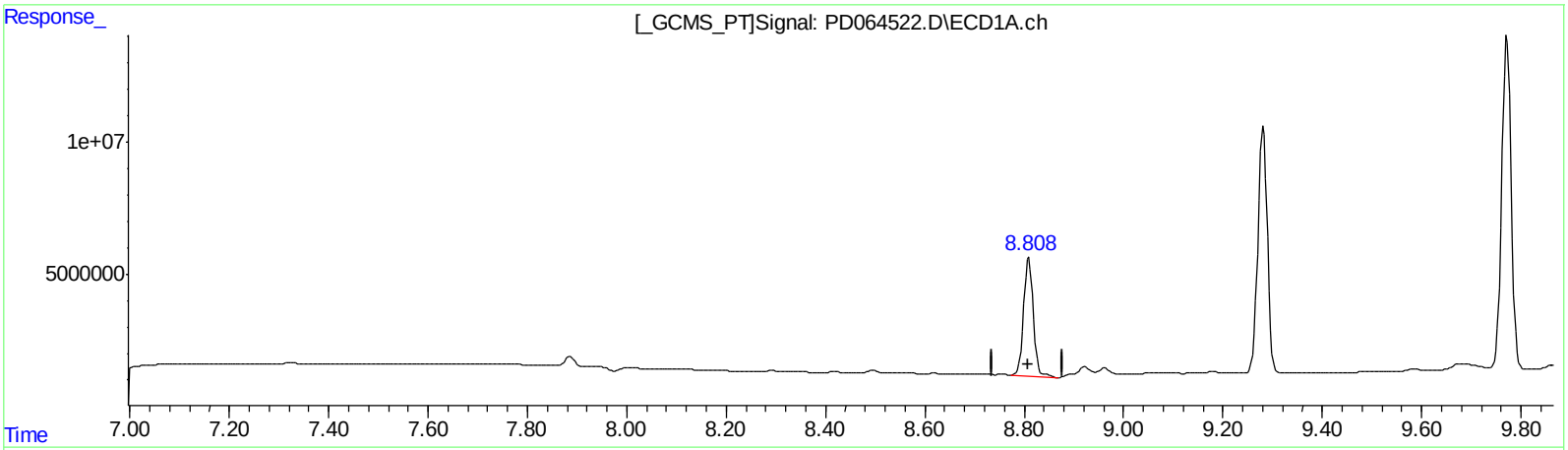
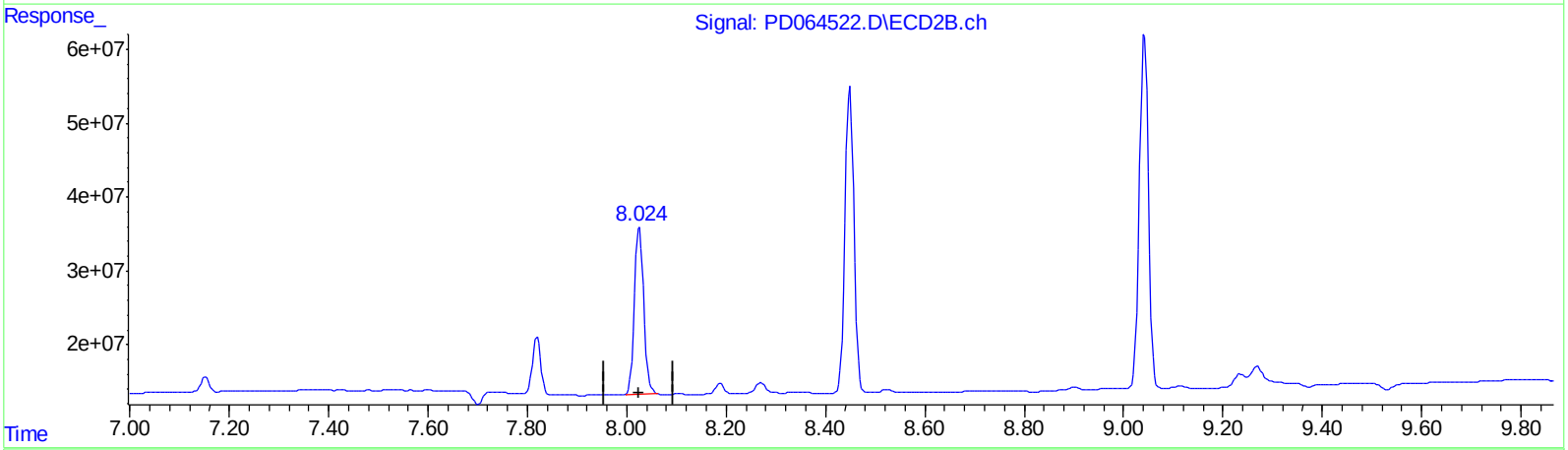
Integrator: ChemStation

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

(14)  Endrin (MA)

8.809min  49.660 ng/ml

response  63584094

(14)  Endrin #2 (MA)

8.026min  51.629 ng/ml

response  296588178

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064522.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample  : PEM68
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM68

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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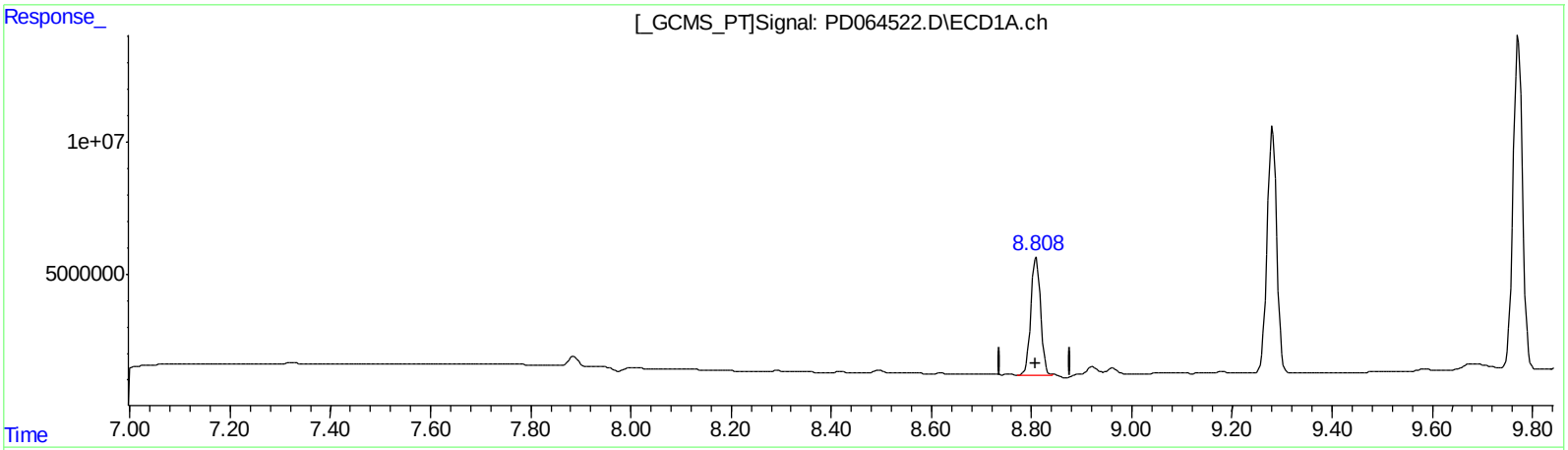
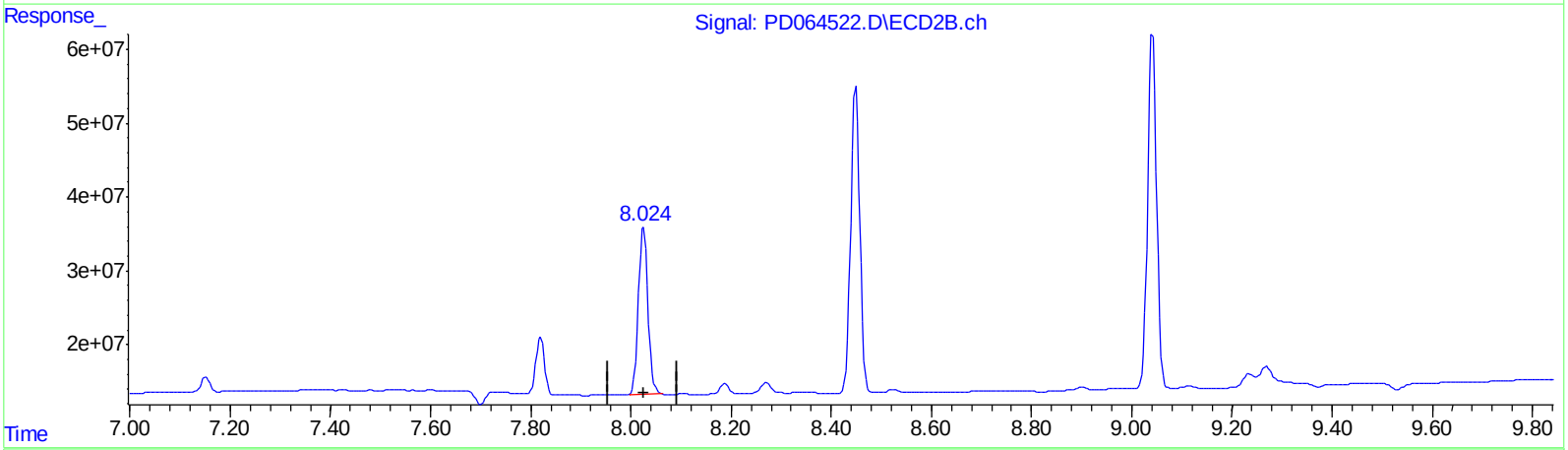
Integrator: ChemStation

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

(14)  Endrin (MA)

8.808min  46.780 ng/ml m

response  59897037

(14)  Endrin #2 (MA)

8.026min  51.629 ng/ml

response  296588178

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064522.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample    : PEM68
Misc      :
ALS Vial  : 3   Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM68

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
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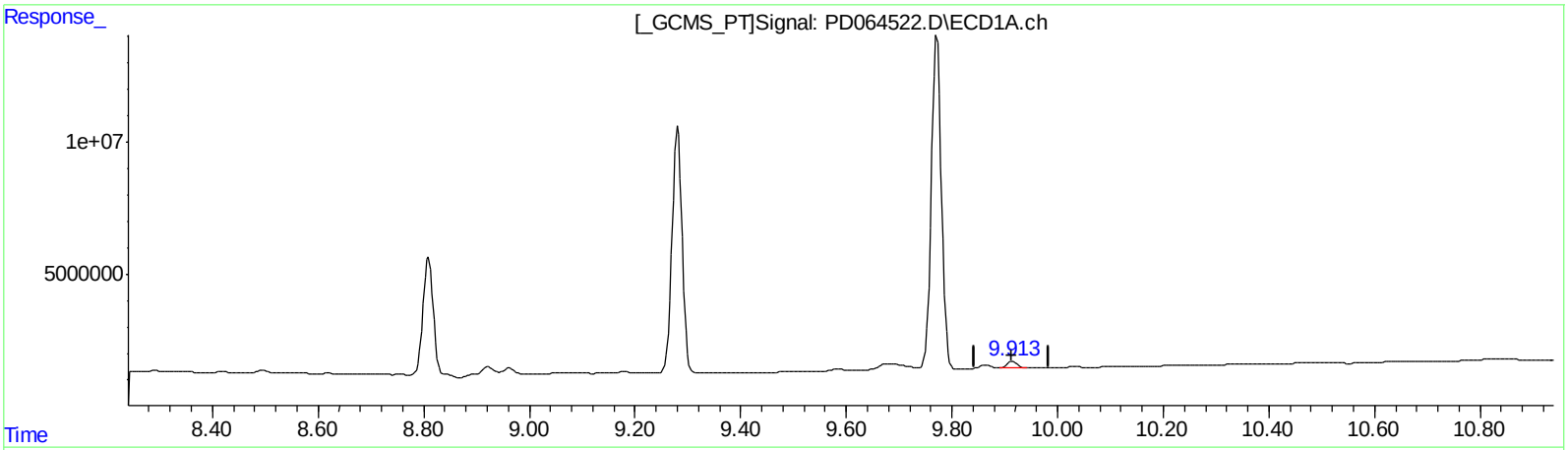


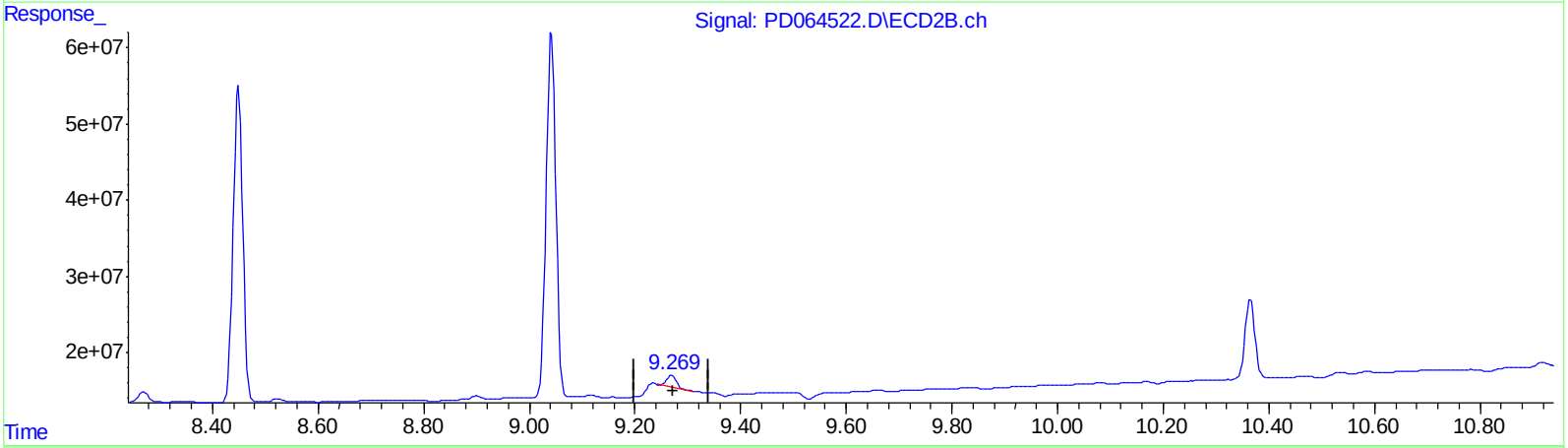


QEdit

(21)  Endrin ketone (B)

9.914min  2.237 ng/ml

response  3384482

(21)  Endrin ketone #2 (B)

9.269min  2.825 ng/ml

response  16945474

(+) = Expected Retention Time

Quantitation Report (Qedit)

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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 30 Jul 2021  00:08
Operator  : AR\AJ
Sample  : PEM68
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM68

**Manual Integrations APPROVED**
mohammad
7/30/2021 4:49:09 PM

Integration File signal 1: autoint1.e
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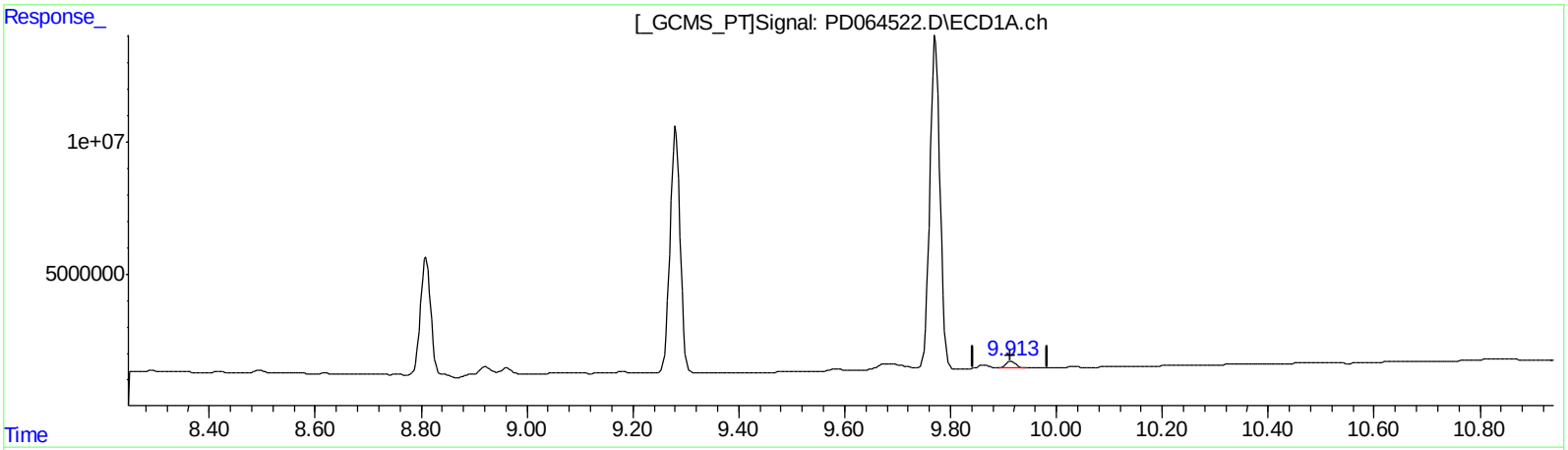


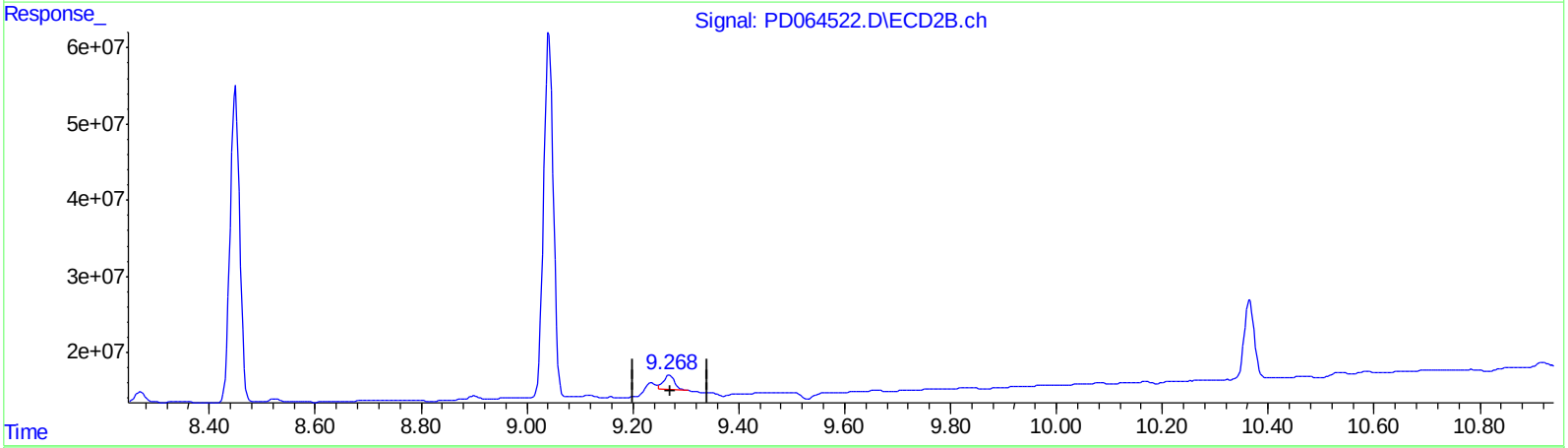


QEdit

(21)  Endrin ketone (B)

9.914min  2.237 ng/ml

response  3384482

(21)  Endrin ketone #2 (B)

9.268min  4.484 ng/ml m

response  26898756

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072921\
Data File : PD064522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 00:08
Operator : AR\AJ
Sample : PEM68
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 07:14:30 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title : GC Extractables
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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... | 5.406 | 4.620 | 23716872 | 197.6E6 | 19.882 | 21.627 |
| 27) | SA Decachlor... | 11.306 | 10.365 | 26738346 | 135.9E6 | 20.312 | 22.847 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 5.988 | 5.321 | 16625910 | 141.4E6 | 10.206 | 11.468 |
| 3) | MA gamma-BHC... | 6.385 | 5.742 | 15920461 | 129.5E6 | 10.151 | 11.353 |
| 6) | B beta-BHC | 6.644 | 6.118 | 8150253 | 66086916 | 10.447 | 10.893 |
| 12) | B 4,4'-DDE | 8.419 | 7.601 | 425118 | 1937321 | 0.295m | 0.257m |
| 14) | MA Endrin | 8.808 | 8.026 | 59897037 | 296.6E6 | 46.780m | 51.629 |
| 16) | A 4,4'-DDD | 8.962 | 8.188 | 4207121 | 17660695 | 3.427 | 3.066 |
| 17) | MA 4,4'-DDT | 9.281 | 8.450 | 122.9E6 | 524.4E6 | 94.162 | 95.269 |
| 18) | B Endrin al... | 9.180 | 8.523 | 919904 | 5155970 | 0.812 | 1.045 # |
| 20) | A Methoxychlor | 9.772 | 9.042 | 165.7E6 | 615.7E6 | 231.542 | 240.445 |
| 21) | B Endrin ke... | 9.914 | 9.268 | 3384482 | 26898756 | 2.237 | 4.484m# |

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

Instrument :
ECD_D
LabSampleId :
PEM68

Manual Integrations APPROVED
mohammad
7/30/2021 4:49:09 PM

AJ
08/09/21