Quantitation Report (Qedit)

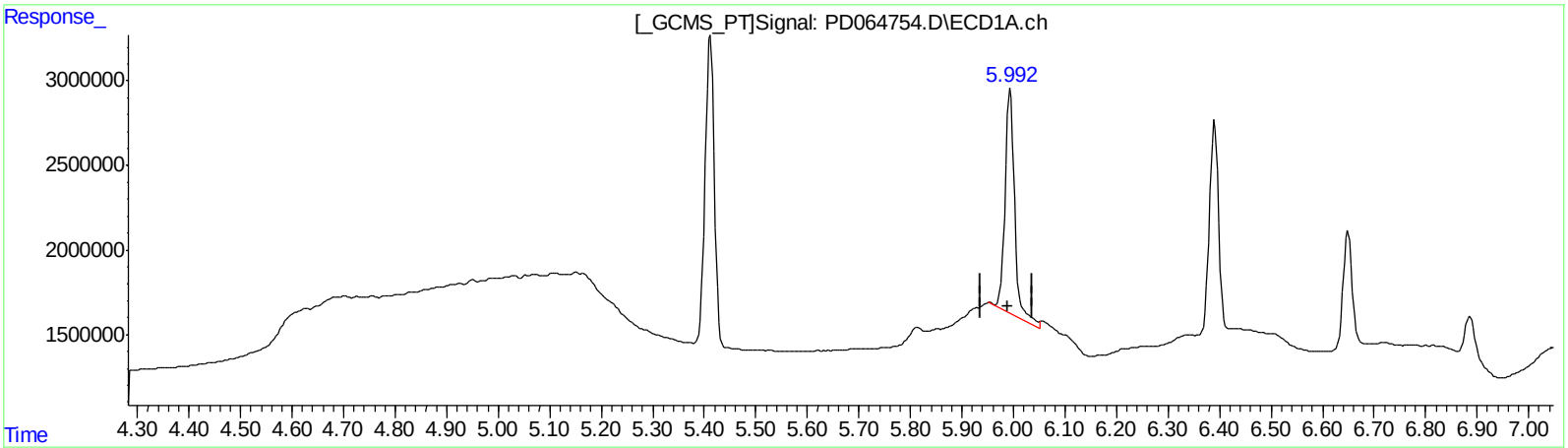
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample    : PEM77
Misc      :
ALS Vial  : 3   Sample Multiplier: 1

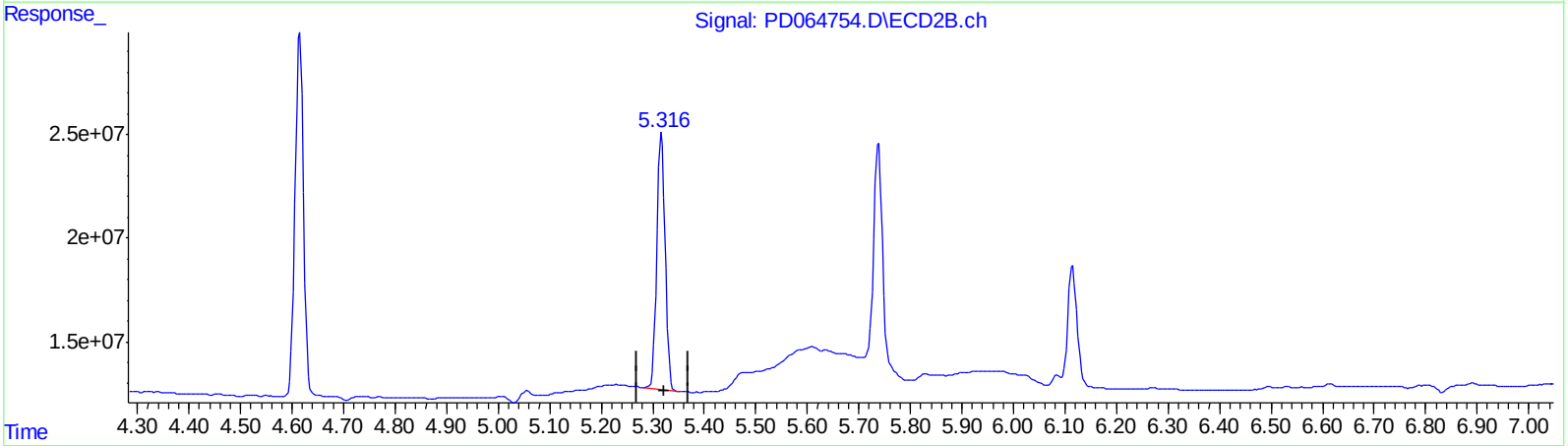
**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 23:20:16 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

(2) alpha-BHC (A)

5.994min 10.853 ng/ml

response 17679715

(2) alpha-BHC #2 (A)

5.317min 11.382 ng/ml

response 140289468

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
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Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
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Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

Integration File signal 1: autoint1.e
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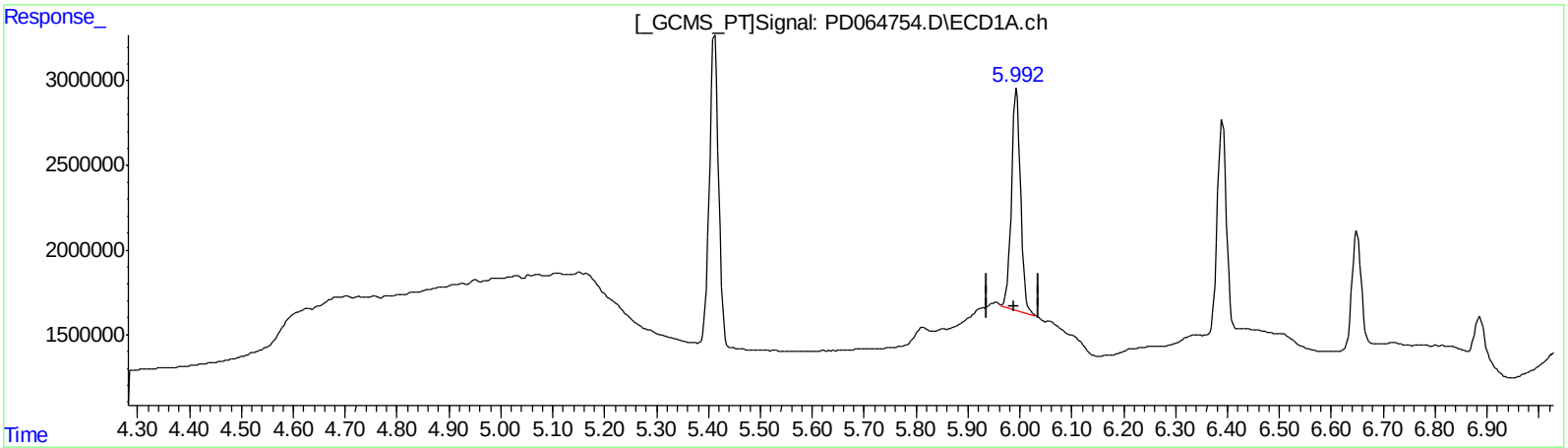


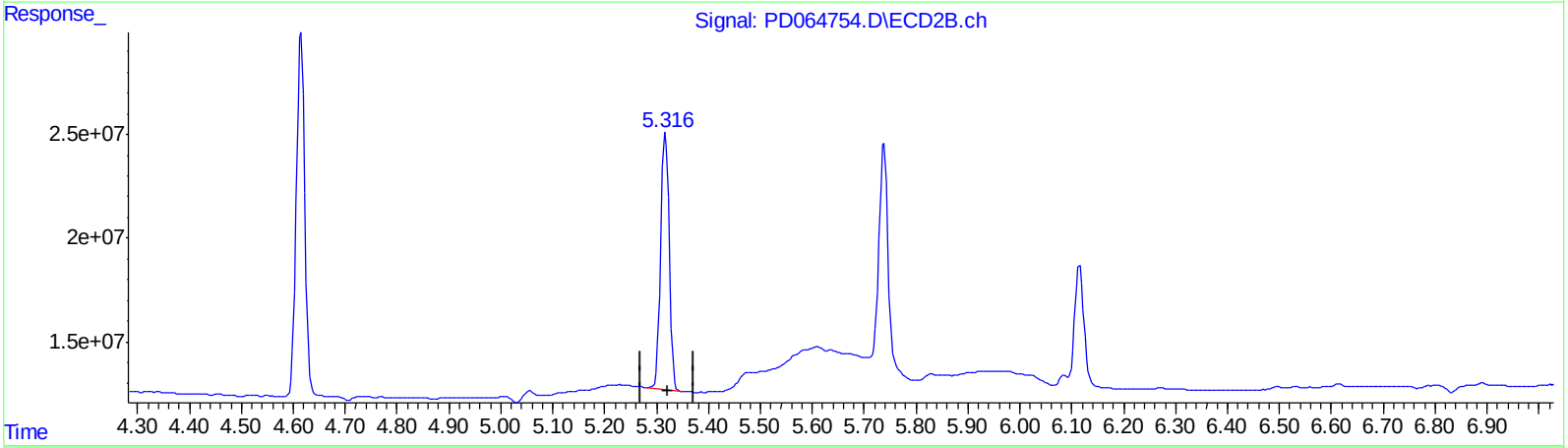


QEdit

(2)  alpha-BHC (A)

5.992min  9.865 ng/ml m

response  16071171

(2)  alpha-BHC #2 (A)

5.317min  11.382 ng/ml

response  140289468

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
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Integration File signal 1: autoint1.e
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Response via : Initial Calibration
Integrator: ChemStation

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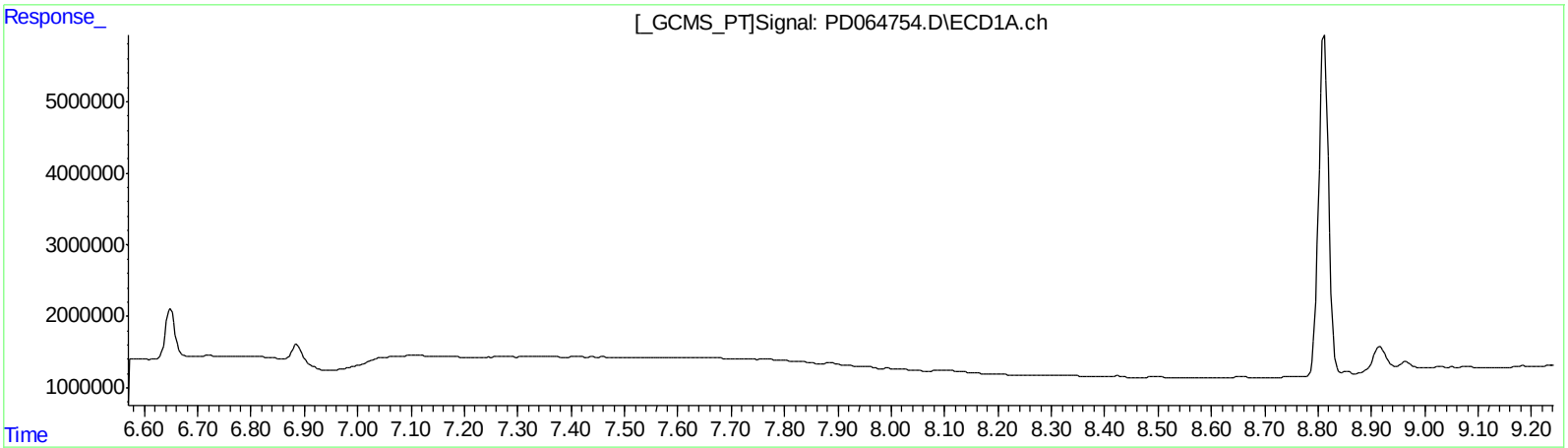
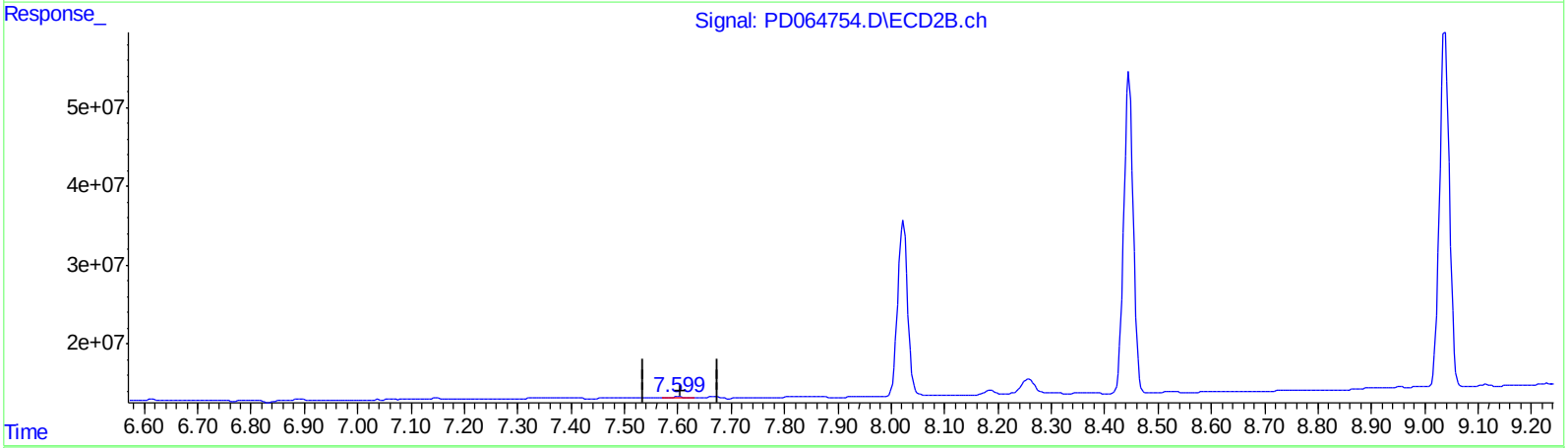
Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

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

0.000min  0.000 ng/ml

response  0

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

7.601min  0.186 ng/ml

response  1406473

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072721CLP.M
Quant Title  : GC Extractables
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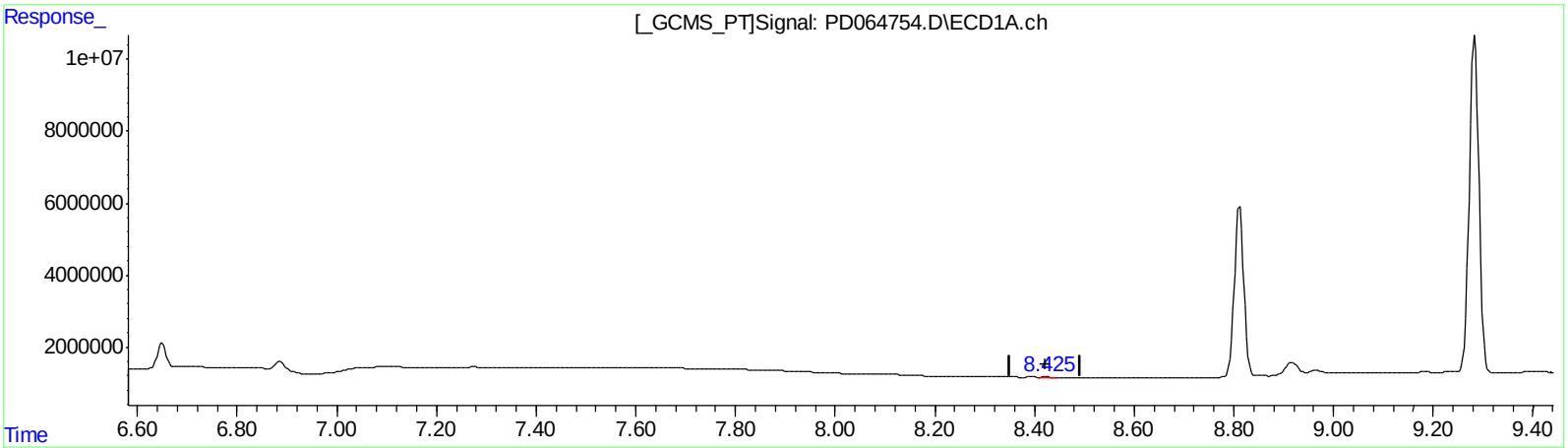
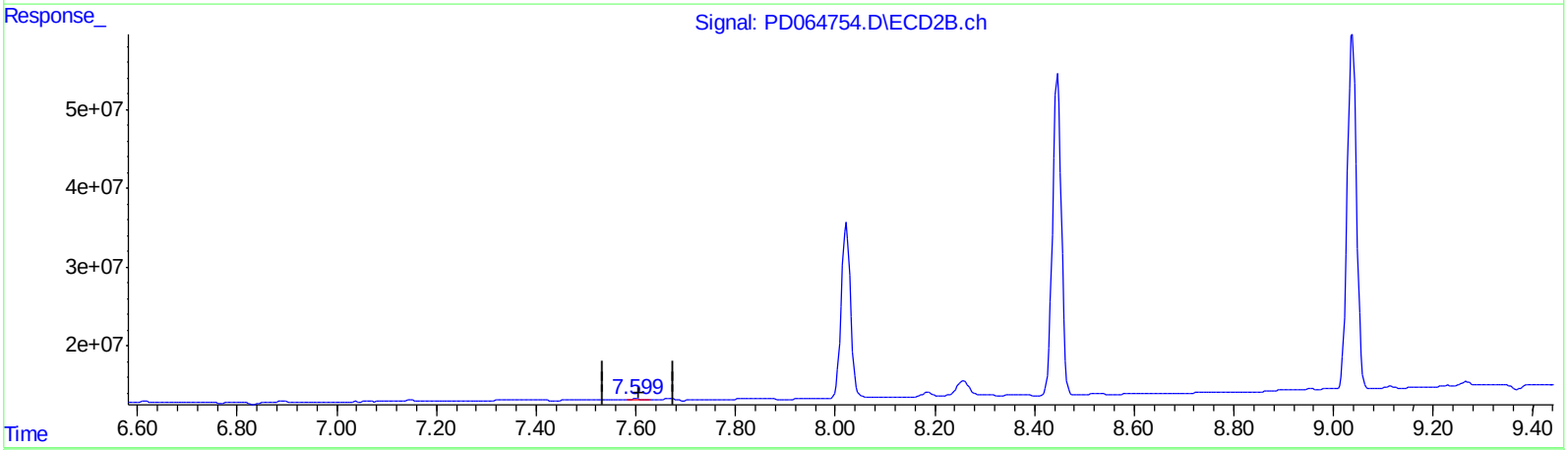
Response via : Initial Calibration
Integrator: ChemStation

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




QEdit

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

8.425min  0.145 ng/ml m

response  209650

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

7.599min  0.210 ng/ml m

response  1584120

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

Integration File signal 1: autoint1.e
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Integrator: ChemStation

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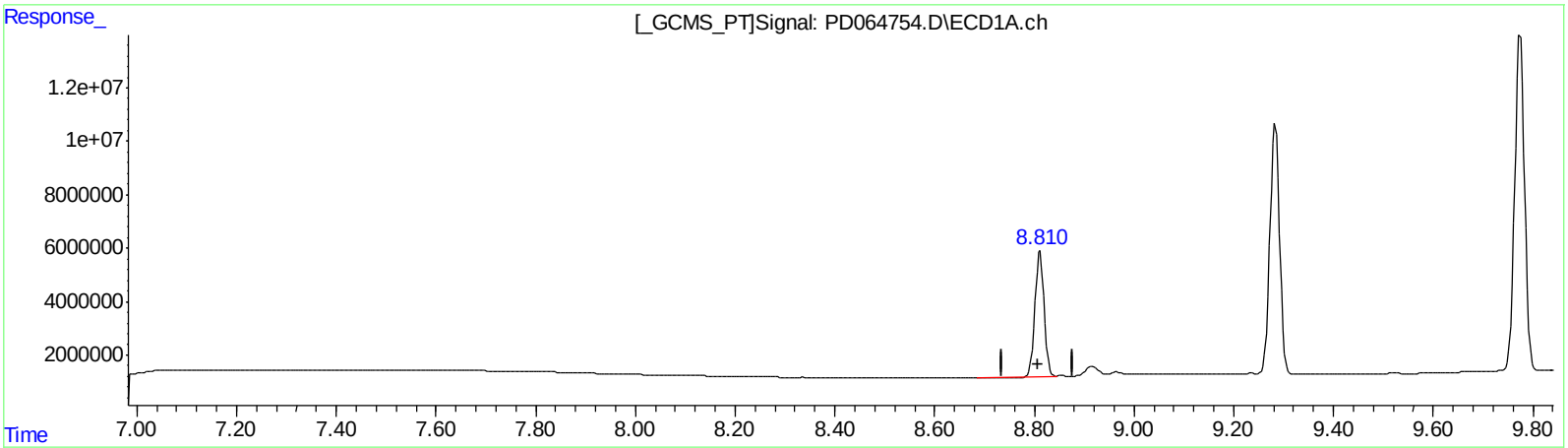
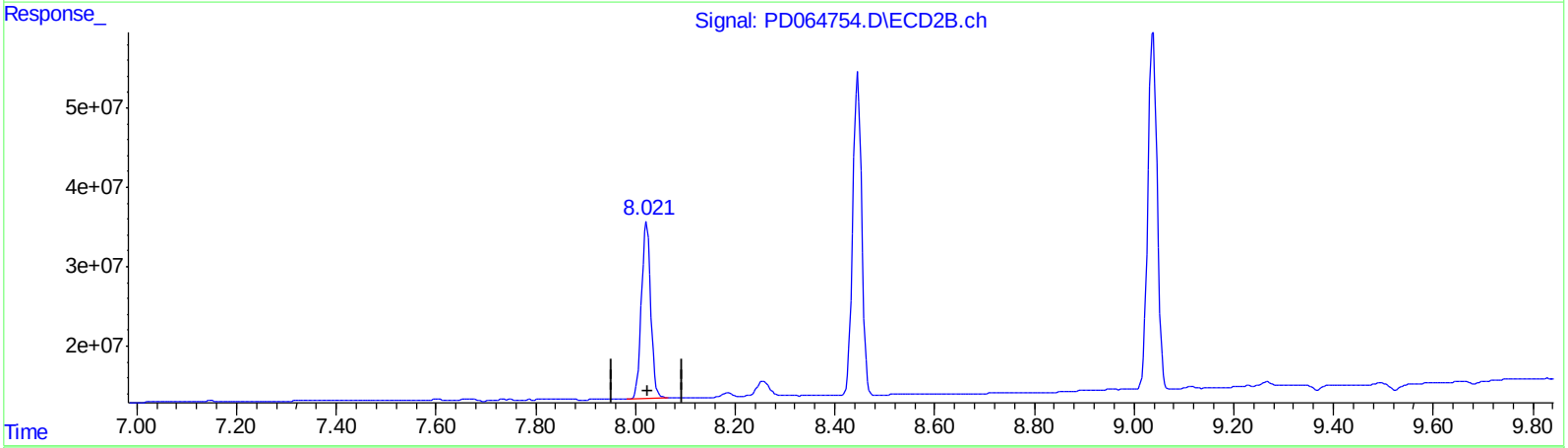
Signal #1 Phase : ZB-MR2  Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(14)  Endrin (MA)

8.812min  48.408 ng/ml

response  61981854

(14)  Endrin #2 (MA)

8.023min  49.305 ng/ml

response  283236290

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample    : PEM77
Misc      :
ALS Vial  : 3   Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

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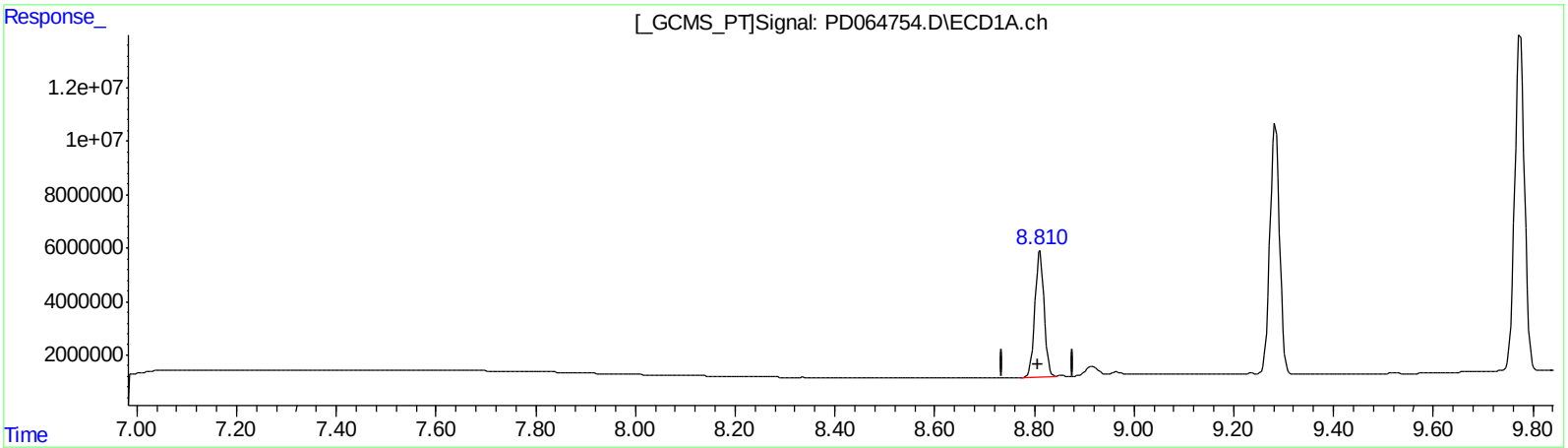
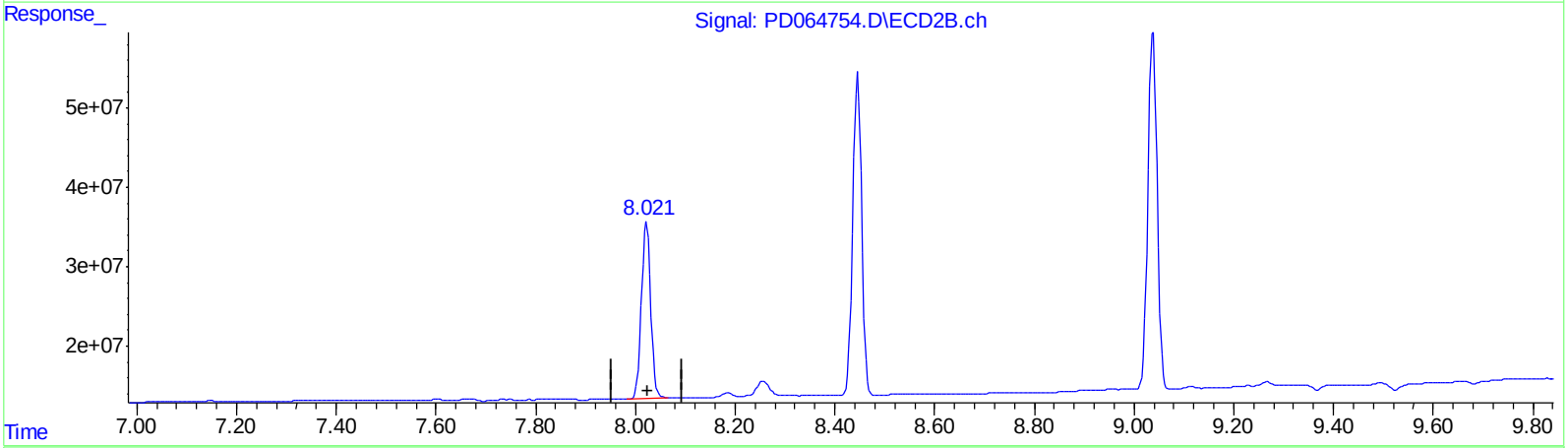
Signal #1 Phase : ZB-MR2            Signal #2 Phase: ZB-MR1
Signal #1 Info  : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm




QEdit

(14)  Endrin (MA)

8.810min  48.668 ng/ml m

response  62313553

(14)  Endrin #2 (MA)

8.023min  49.305 ng/ml

response  283236290

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

Integration File signal 1: autoint1.e
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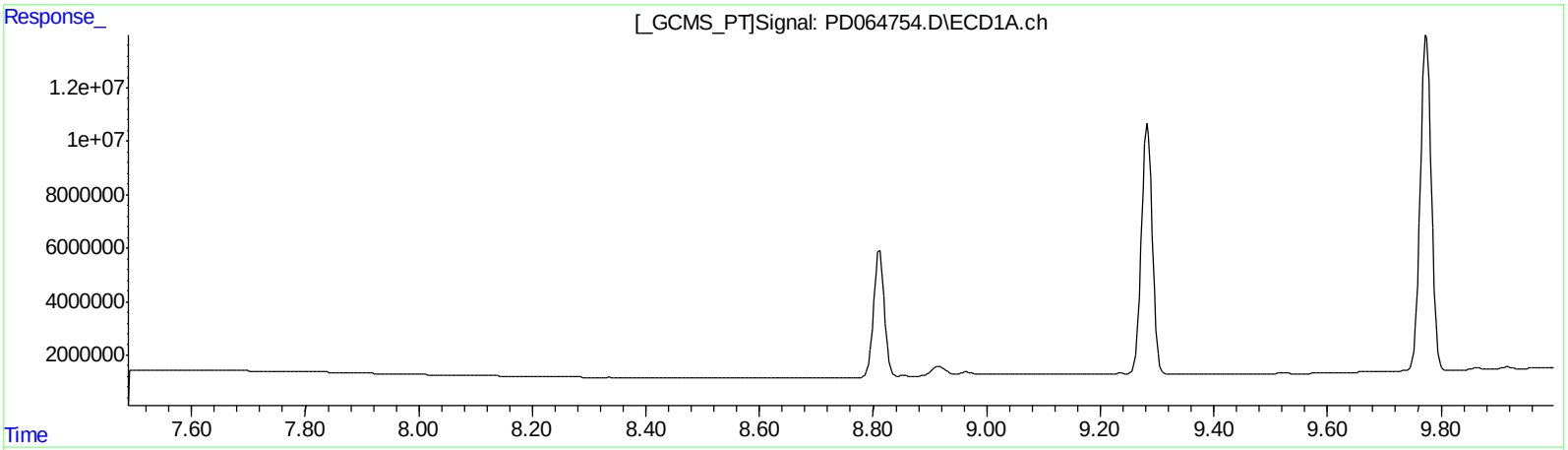


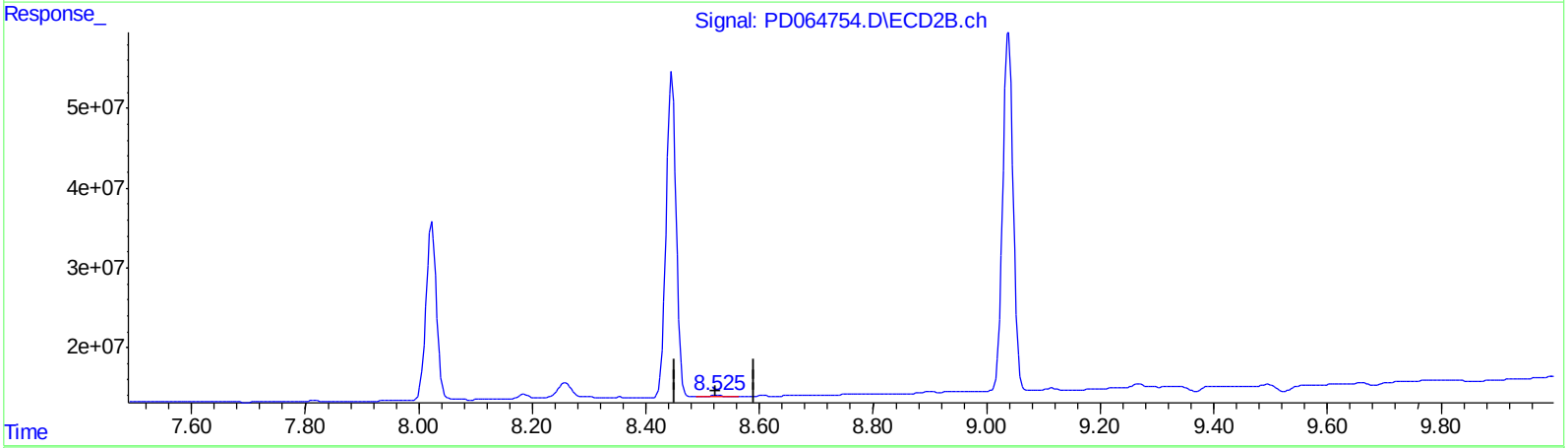


QEdit

(18)  Endrin aldehyde (B)

0.000min  0.000 ng/ml

response  0

(18)  Endrin aldehyde #2 (B)

8.526min  0.455 ng/ml

response  2246348

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
Data File : PD064754.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 05 Aug 2021  09:45
Operator  : AR\AJ
Sample  : PEM77
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

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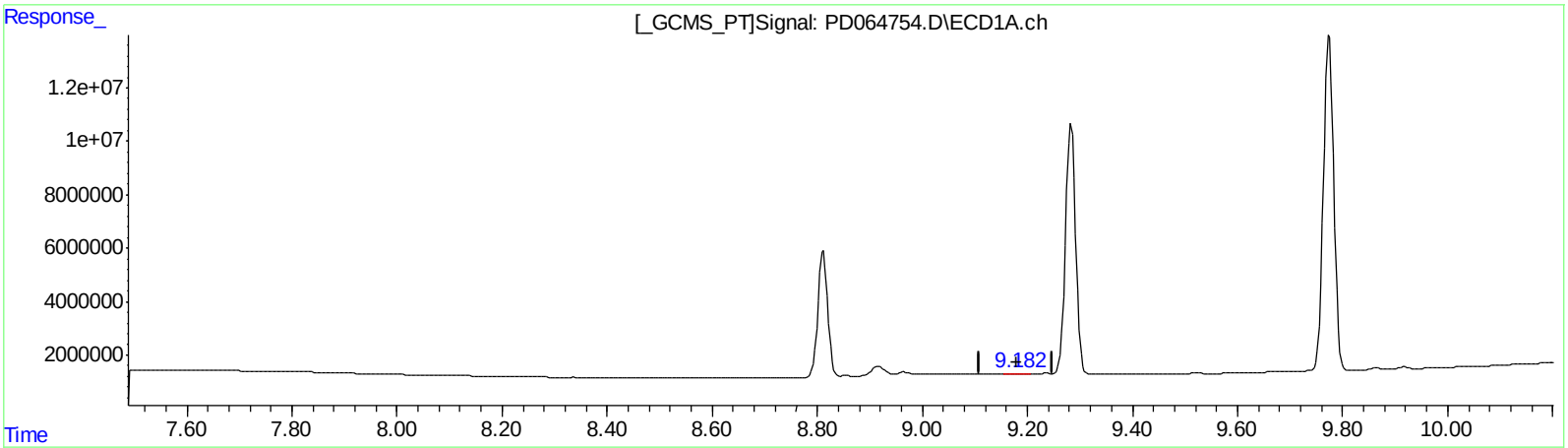


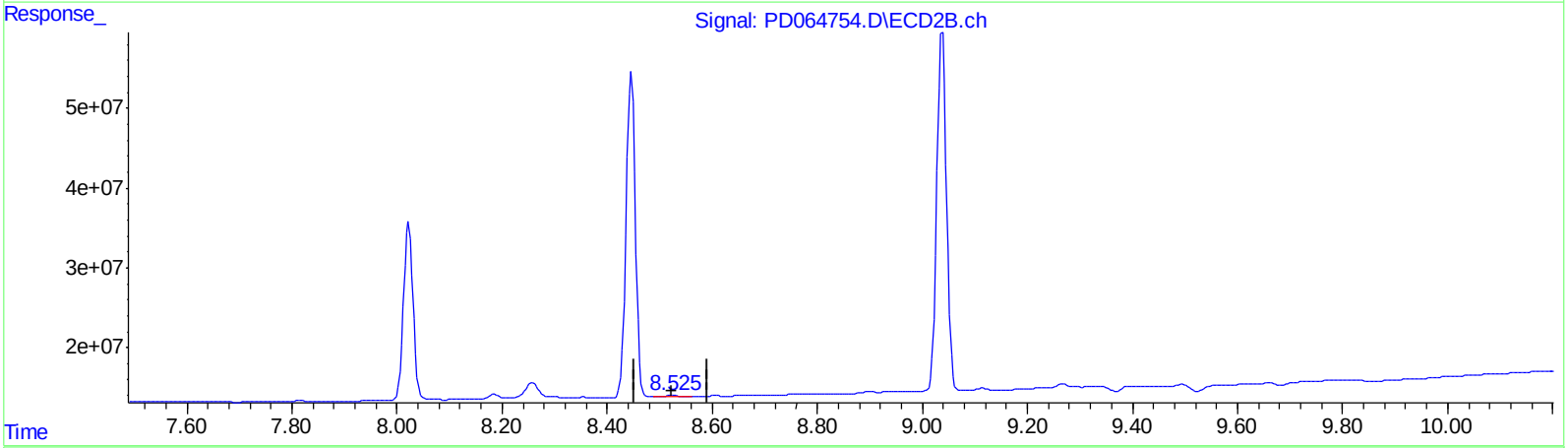


QEdit

(18)  Endrin aldehyde (B)

9.182min  0.247 ng/ml m

response  280380

(18)  Endrin aldehyde #2 (B)

8.526min  0.455 ng/ml

response  2246348

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080521\
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Sample : PEM77
Misc :
ALS Vial : 3 Sample Multiplier: 1

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Integrator: ChemStation

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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

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 5.412 | 4.615 | 22660984 | 197.9E6 | 18.997 | 21.654 |
| 27) | SA Decachlor... | 11.308 | 10.362 | 24230169 | 126.5E6 | 18.407 | 21.264 |
| | Target Compounds | | | | | | |
| 2) | A alpha-BHC | 5.992 | 5.317 | 16071171 | 140.3E6 | 9.865m | 11.382 |
| 3) | MA gamma-BHC... | 6.390 | 5.738 | 15078642 | 126.9E6 | 9.614 | 11.126 |
| 6) | B beta-BHC | 6.650 | 6.115 | 9548992 | 64997717 | 12.240 | 10.714 |
| 12) | B 4,4'-DDE | 8.425 | 7.599 | 209650 | 1584120 | 0.145m | 0.210m# |
| 14) | MA Endrin | 8.810 | 8.023 | 62313553 | 283.2E6 | 48.668m | 49.305 |
| 16) | A 4,4'-DDD | 8.965 | 8.186 | 1597326 | 7051707 | 1.301 | 1.224 |
| 17) | MA 4,4'-DDT | 9.284 | 8.446 | 125.0E6 | 501.9E6 | 95.790 | 91.186 |
| 18) | B Endrin al... | 9.182 | 8.526 | 280380 | 2246348 | 0.247m | 0.455 # |
| 20) | A Methoxychlor | 9.775 | 9.038 | 171.9E6 | 578.0E6 | 240.212 | 225.743 |
| 21) | B Endrin ke... | 9.917 | 9.267 | 968632 | 6389934 | 0.640 | 1.065 # |

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

**Instrument :**
ECD_D
**LabSampleId :**
PEM77

**Manual Integrations APPROVED**
mohammad
8/6/2021 3:07:06 PM

AJ
08/10/21