

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
Data File : PD056119.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2019 16:52  
Operator : SG\AJ  
Sample : PEM31  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

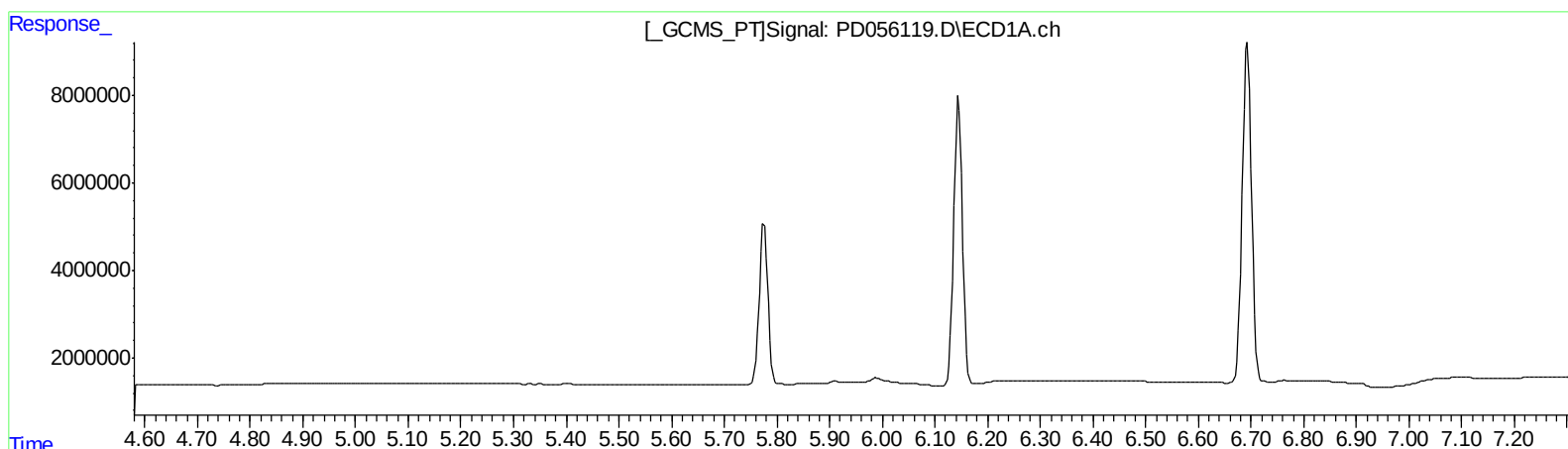
Instrument :  
ECD\_D  
LabSampleId :  
PEM31

Manual Integrations  
APPROVED

Ankita  
11/25/2019 9:13:44 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 00:55:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 02 07:20:38 2019  
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



(12) 4,4'-DDE (B)  
0.000min 0.000 ng/ml  
response 0

(12) 4,4'-DDE #2 (B)  
6.286min 0.139 ng/ml  
response 187852

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
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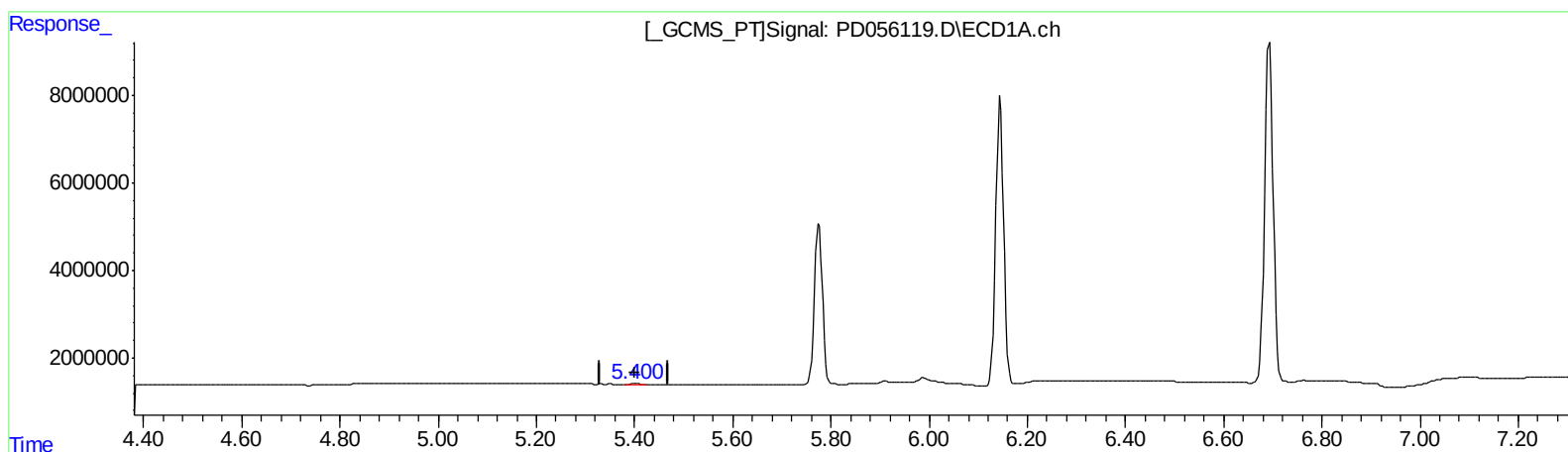
Instrument :  
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LabSampleId :  
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(12) 4,4'-DDE (B)  
5.400min 0.102 ng/ml m  
response 88308

(12) 4,4'-DDE #2 (B)  
6.286min 0.139 ng/ml  
response 187852

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
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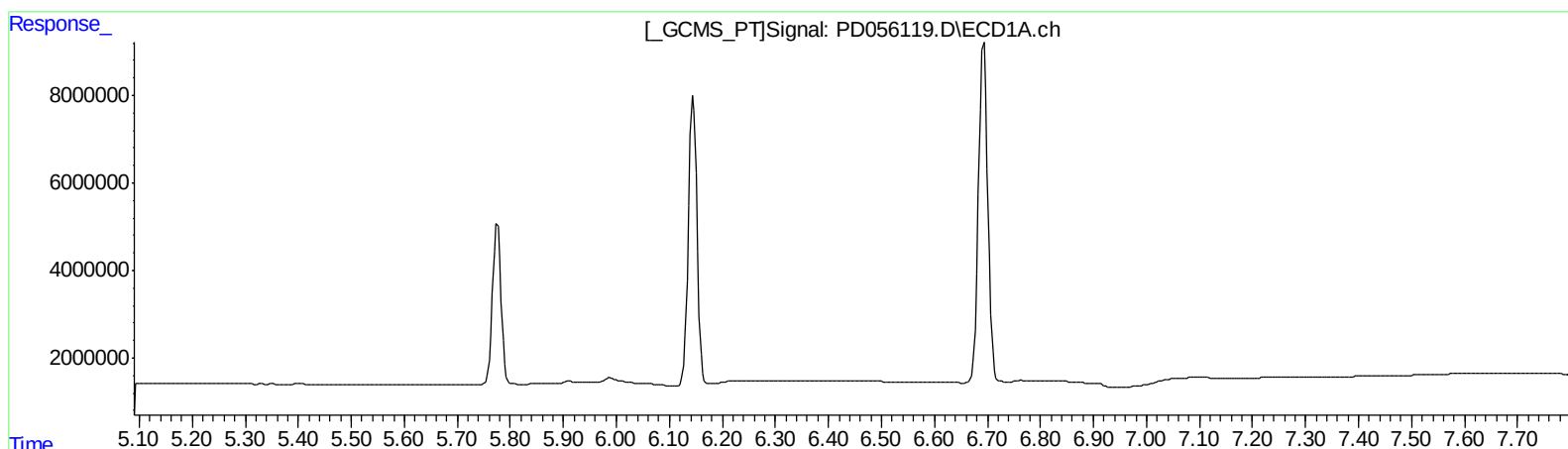
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LabSampleId :  
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(16) 4,4'-DDD (A)  
0.000min 0.000 ng/ml  
response 0

(16) 4,4'-DDD #2 (A)  
6.775min -0.159 ng/ml  
response -177576

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Operator : SG\AJ  
Sample : PEM31  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

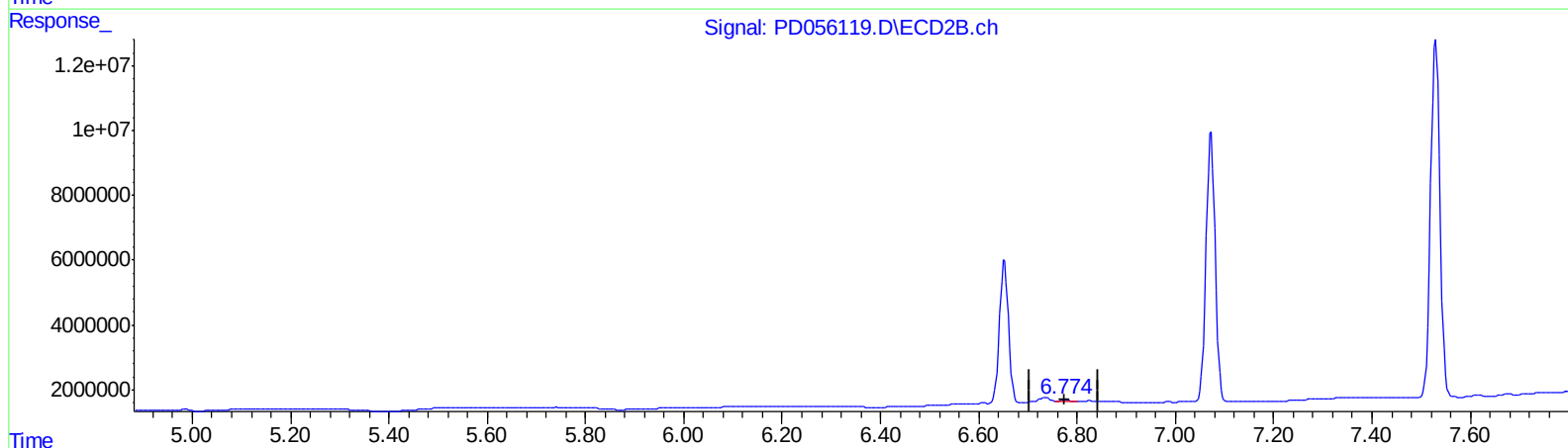
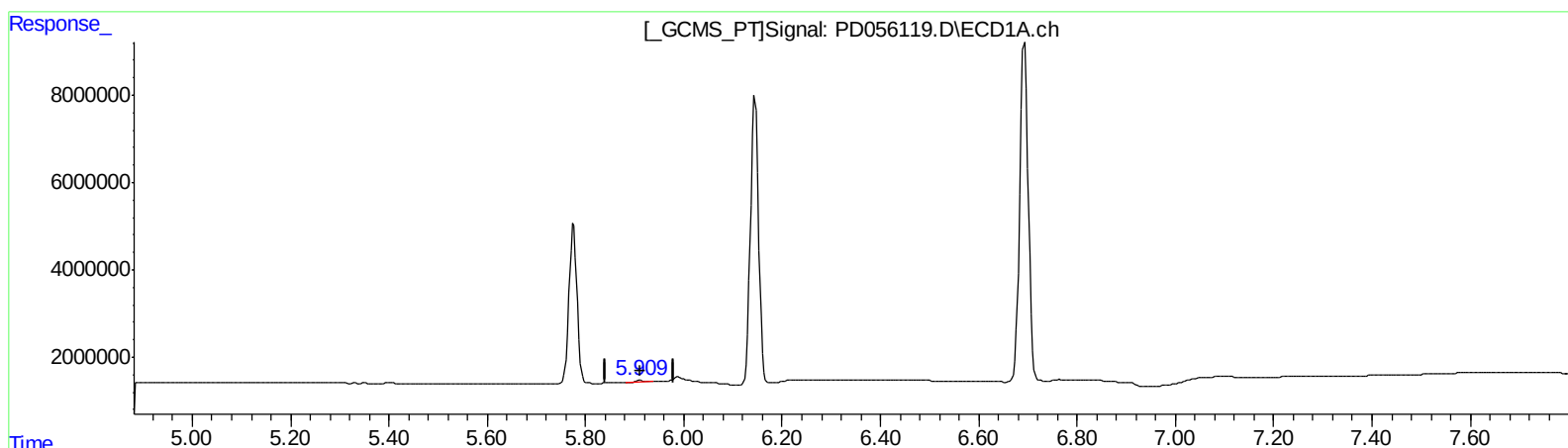
Instrument :  
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(16) 4,4'-DDD (A)  
5.909min 0.668 ng/ml m  
response 472102

(16) 4,4'-DDD #2 (A)  
6.774min 0.569 ng/ml m  
response 635850

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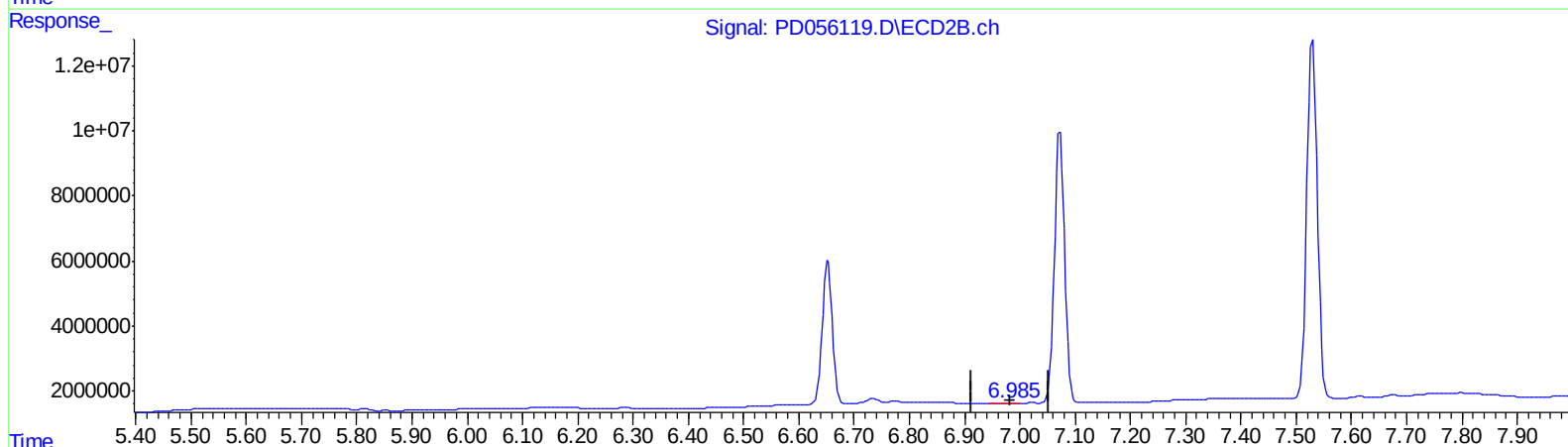
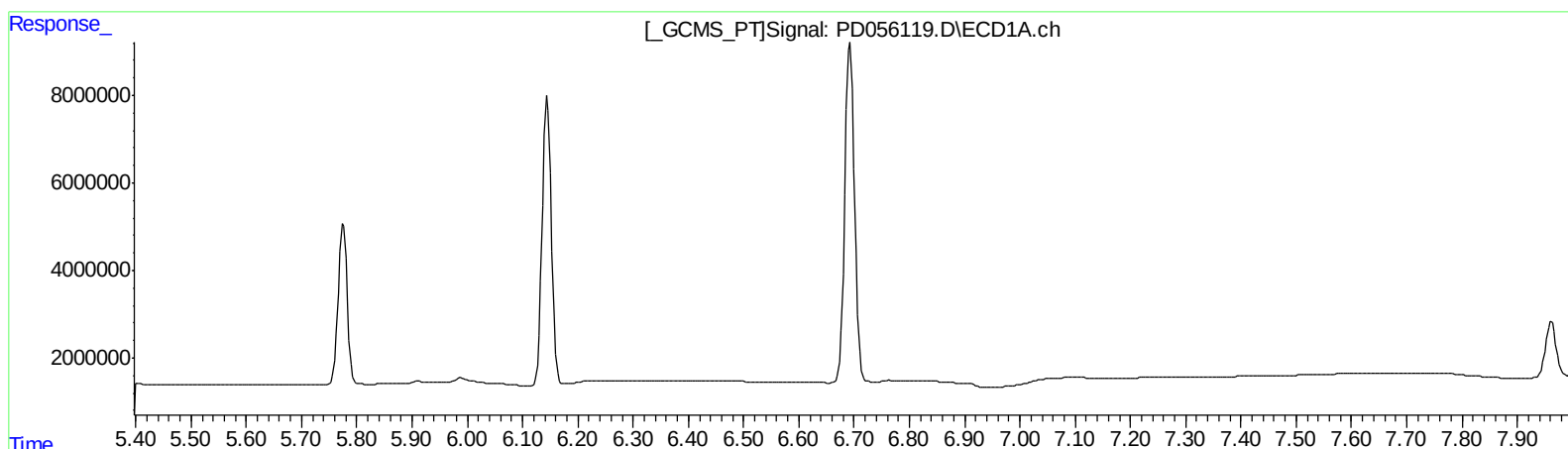
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(18) Endrin aldehyde (B)

0.000min 0.000 ng/ml

response 0

(18) Endrin aldehyde #2 (B)

6.987min 0.050 ng/ml

response 54332

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Acq On : 20 Nov 2019 16:52  
Operator : SG\AJ  
Sample : PEM31  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

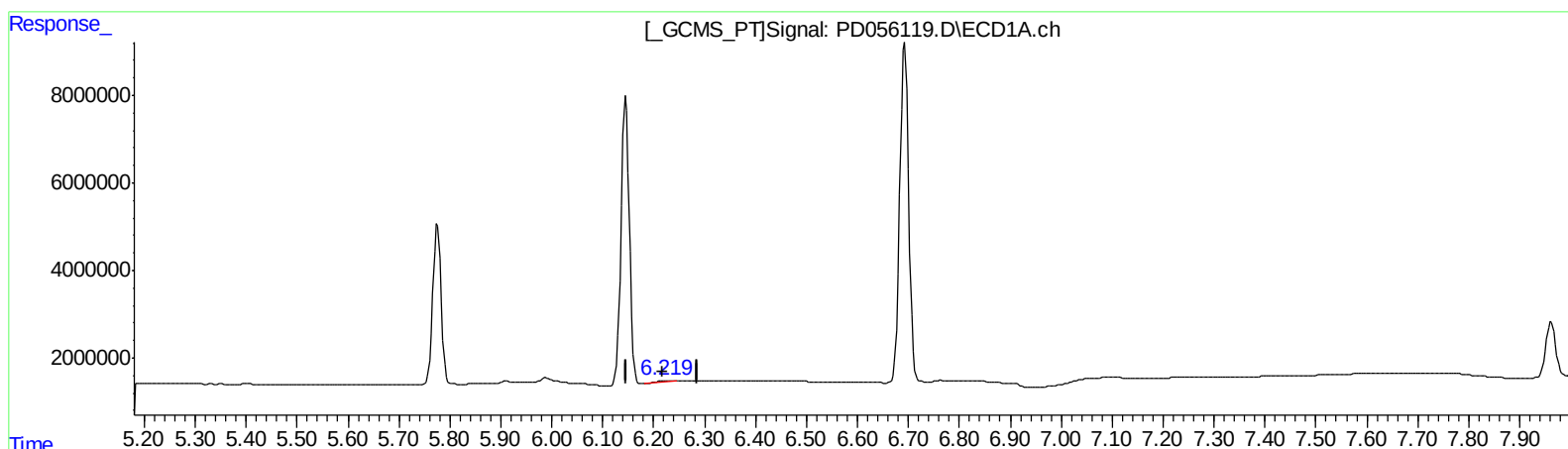
Instrument :  
ECD\_D  
LabSampleId :  
PEM31

Manual Integrations  
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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



(18) Endrin aldehyde (B)

6.219min 0.698 ng/ml m

response 498690

(18) Endrin aldehyde #2 (B)

6.985min 0.198 ng/ml m

response 214475

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
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Operator : SG\AJ  
Sample : PEM31  
Misc :  
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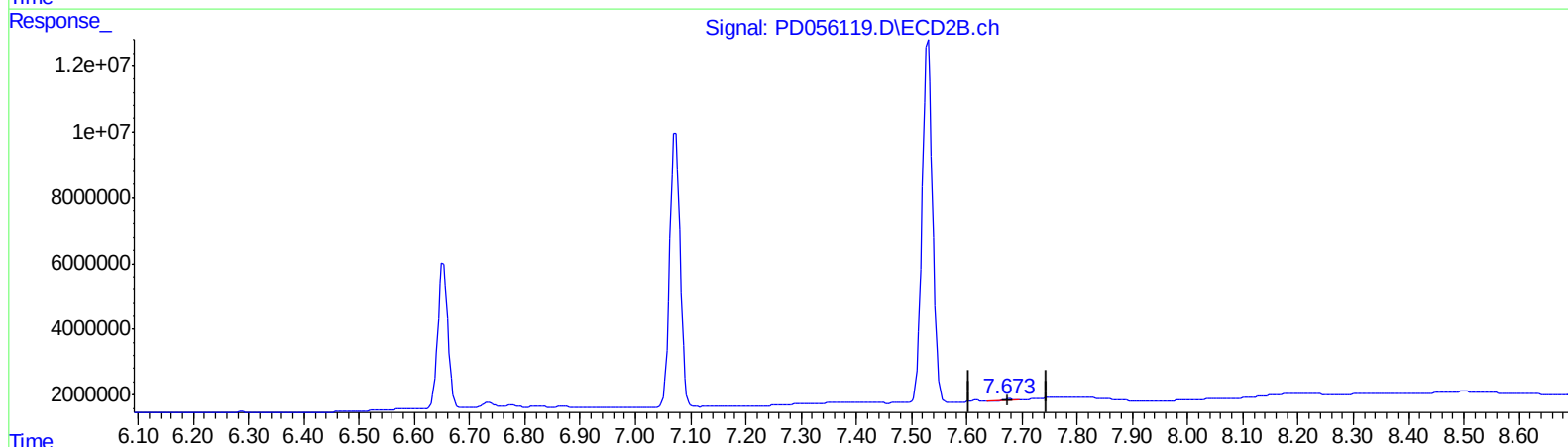
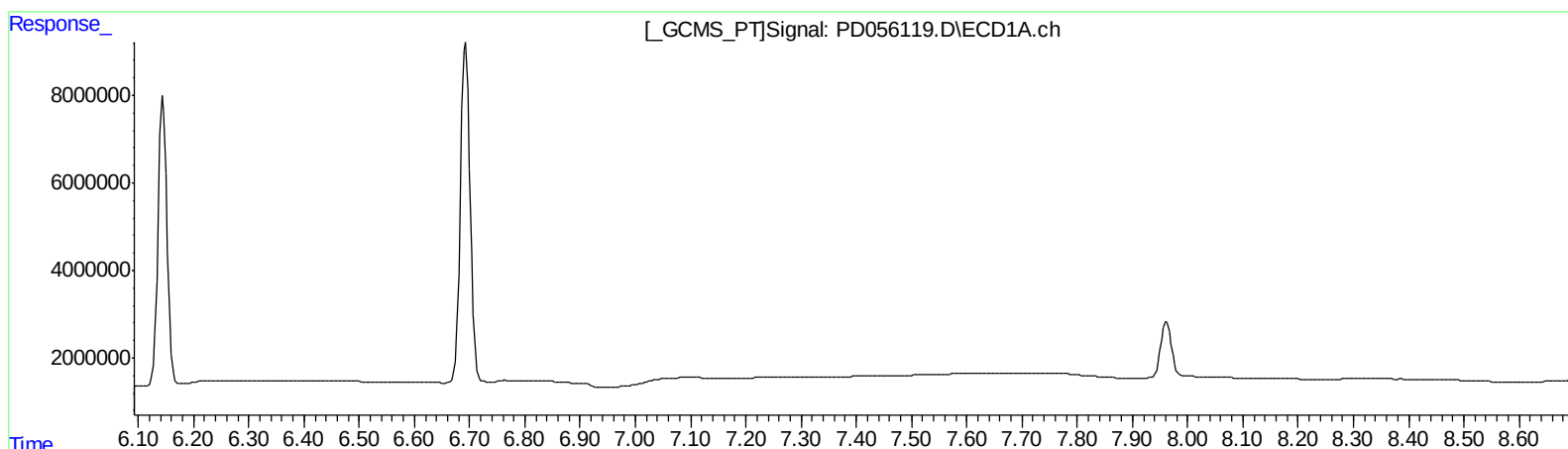
Instrument :  
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LabSampleId :  
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Manual Integrations  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



QEdit

(21) Endrin ketone (B)

0.000min 0.000 ng/ml

response 0

(21) Endrin ketone #2 (B)

7.676min 0.290 ng/ml

response 382280

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
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Sample : PEM31  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

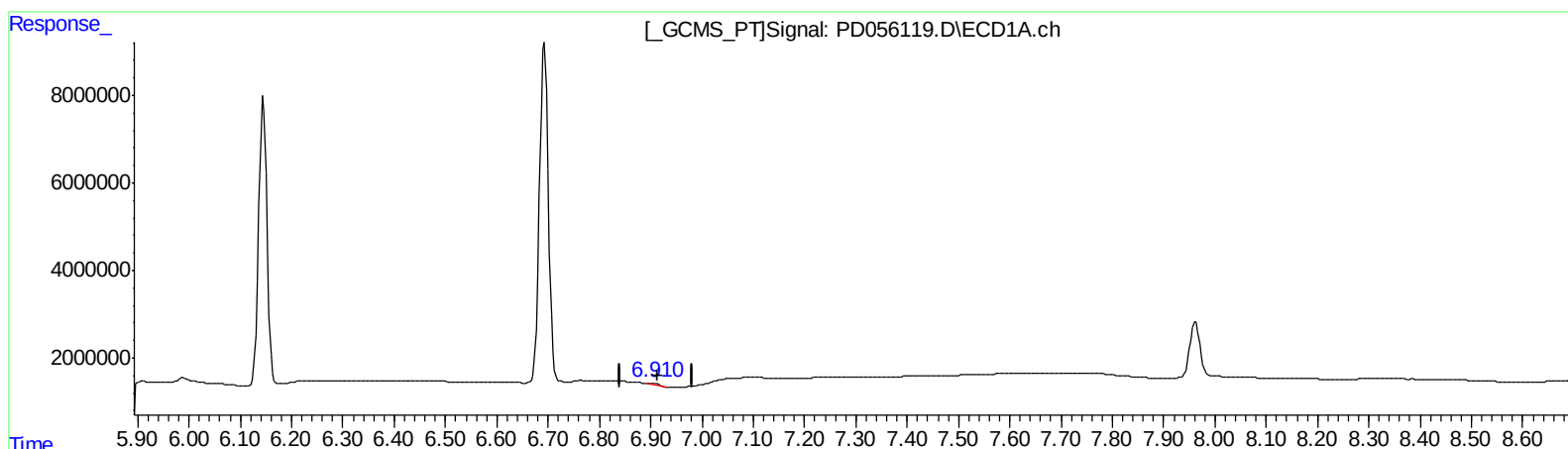
Instrument :  
ECD\_D  
LabSampleId :  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



(21) Endrin ketone (B)

6.910min 0.631 ng/ml m

response 558671

(21) Endrin ketone #2 (B)

7.673min 0.394 ng/ml m

response 520106



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
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 Acq On : 20 Nov 2019 16:52  
 Operator : SG\AJ  
 Sample : PEM31  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 LabSampleId :  
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Manual Integrations  
 APPROVED

Ankita  
 11/25/2019 9:13:44 AM

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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...          | 3.288 | 3.962 | 15075179 | 21289758 | 20.026  | 20.316  |
| 27) SA Decachlor...         | 7.962 | 8.998 | 17316269 | 20385303 | 21.244  | 17.952  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.715 | 4.348 | 10594164 | 14547739 | 10.062  | 10.209  |
| 3) MA gamma-BHC...          | 3.990 | 4.631 | 10567300 | 13797285 | 10.331  | 9.793   |
| 6) B beta-BHC               | 4.240 | 4.799 | 4897078  | 7246339  | 10.827  | 10.357  |
| 12) B 4,4'-DDE              | 5.400 | 6.286 | 88308    | 187852   | 0.102m  | 0.139 # |
| 14) MA Endrin               | 5.776 | 6.653 | 41689049 | 56475239 | 51.966  | 49.054  |
| 16) A 4,4'-DDD              | 5.909 | 6.774 | 472102   | 635850   | 0.668m  | 0.569m  |
| 17) MA 4,4'-DDT             | 6.145 | 7.073 | 74610337 | 108.8E6  | 115.135 | 100.055 |
| 18) B Endrin al...          | 6.219 | 6.985 | 498690   | 214475   | 0.698m  | 0.198m# |
| 20) A Methoxychlor          | 6.693 | 7.530 | 94639441 | 146.4E6  | 253.009 | 234.819 |
| 21) B Endrin ke...          | 6.910 | 7.673 | 558671   | 520106   | 0.631m  | 0.394m# |

A-3  
 11/23/19

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