

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
Data File : PD053610.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jun 2019 19:25  
Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

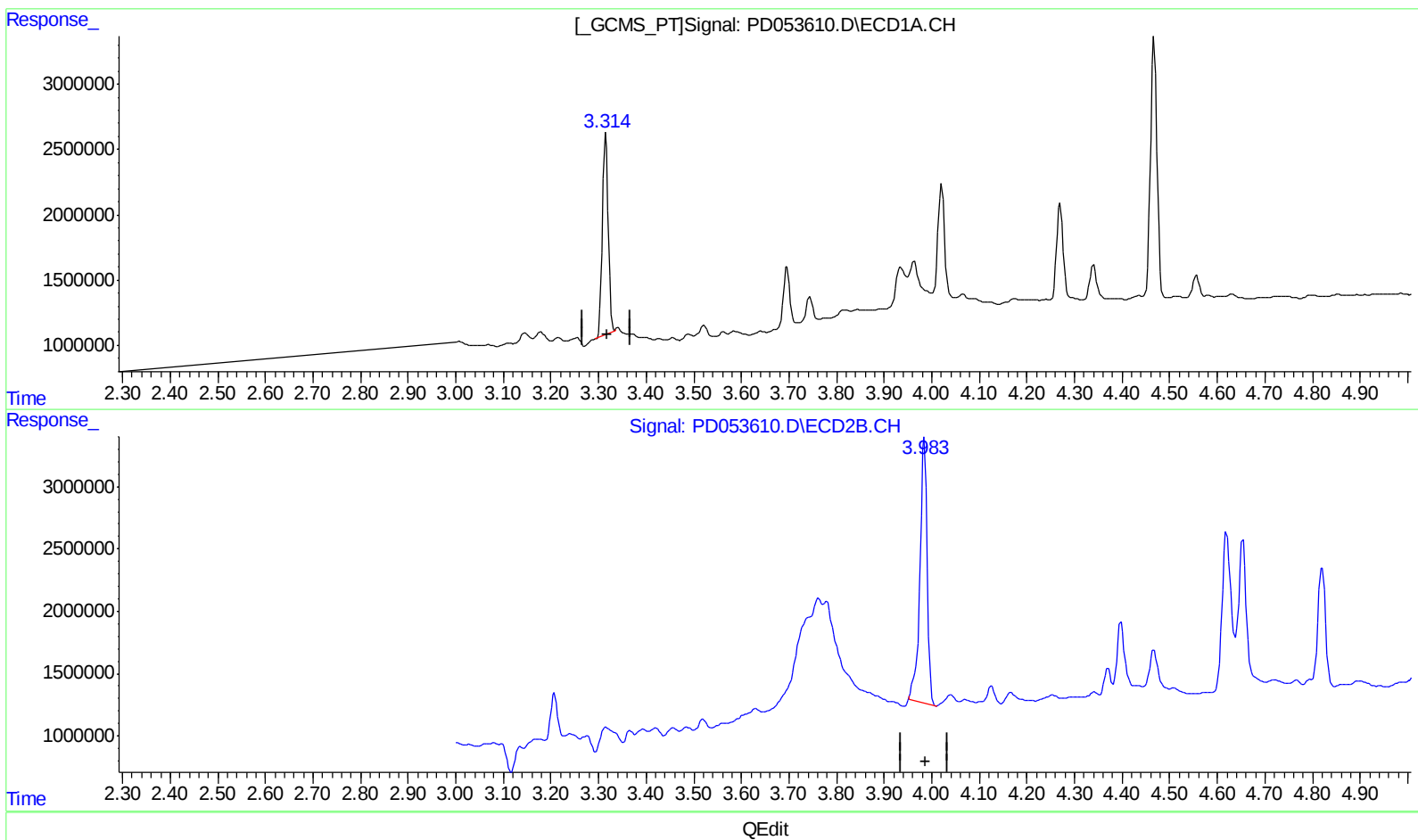
Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
APPROVED

Ankita  
6/14/2019 10:26:11 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 01:54:30 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



(1) Tetrachloro-m-xylene (SA)

3.315min 17.942 ng/ml

response 13146402

(1) Tetrachloro-m-xylene #2 (SA)

3.984min 23.383 ng/ml

response 23021997

(+) = Expected Retention Time

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Misc :  
ALS Vial : 36 Sample Multiplier: 1

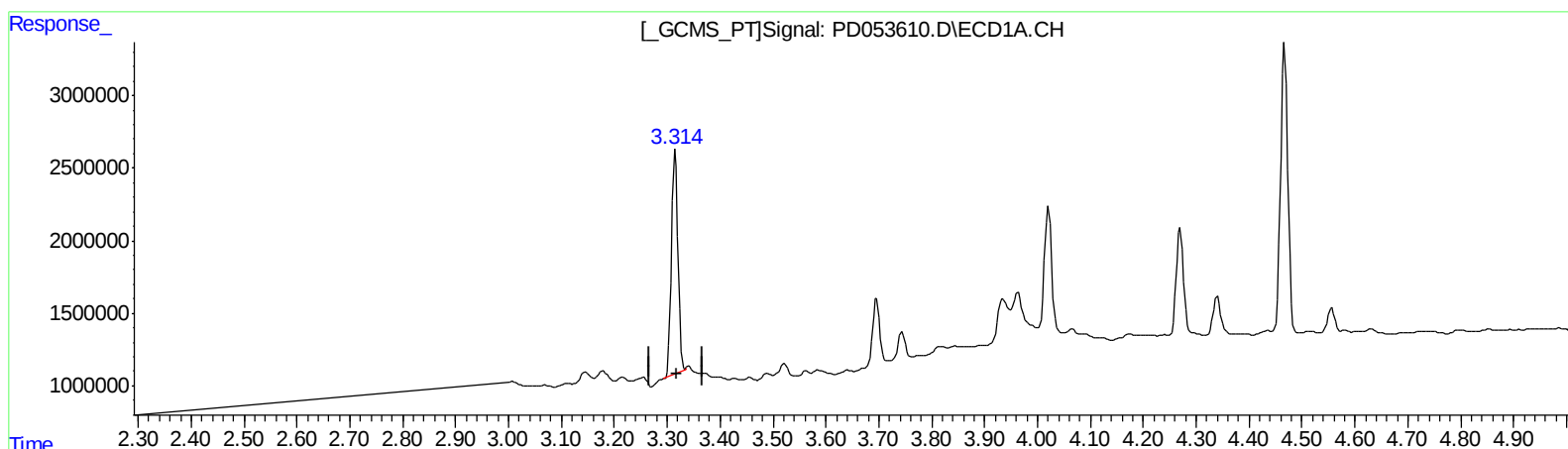
Instrument :  
ECD\_D  
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DB8M6

Manual Integrations  
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(1) Tetrachloro-m-xylene (SA)

3.315min 17.942 ng/ml

response 13146402

(1) Tetrachloro-m-xylene #2 (SA)

3.983min 22.813 ng/ml m

response 22460953

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
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Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

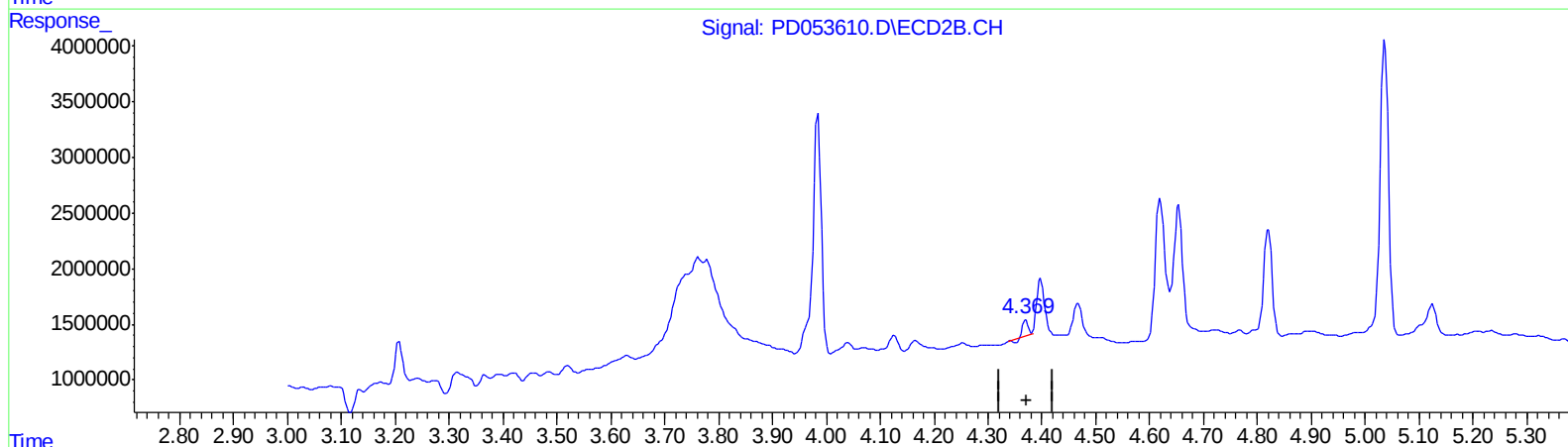
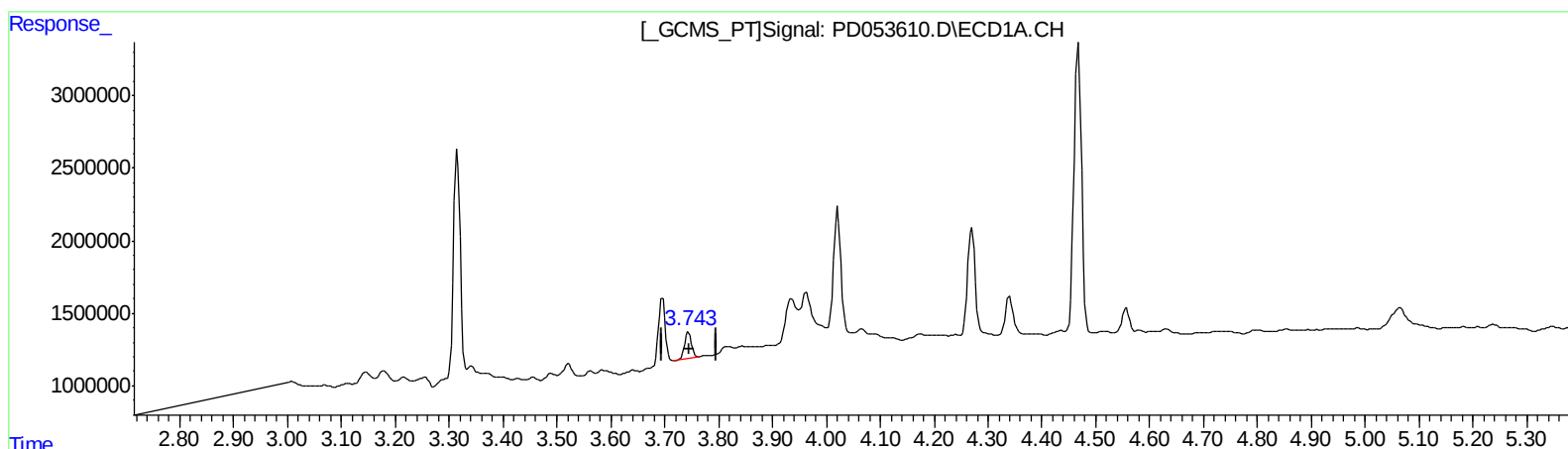
Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
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Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)  
3.744min 1.701 ng/ml  
response 1591890

(2) alpha-BHC #2 (A)  
4.371min 0.625 ng/ml  
response 754755

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
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Acq On : 12 Jun 2019 19:25  
Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

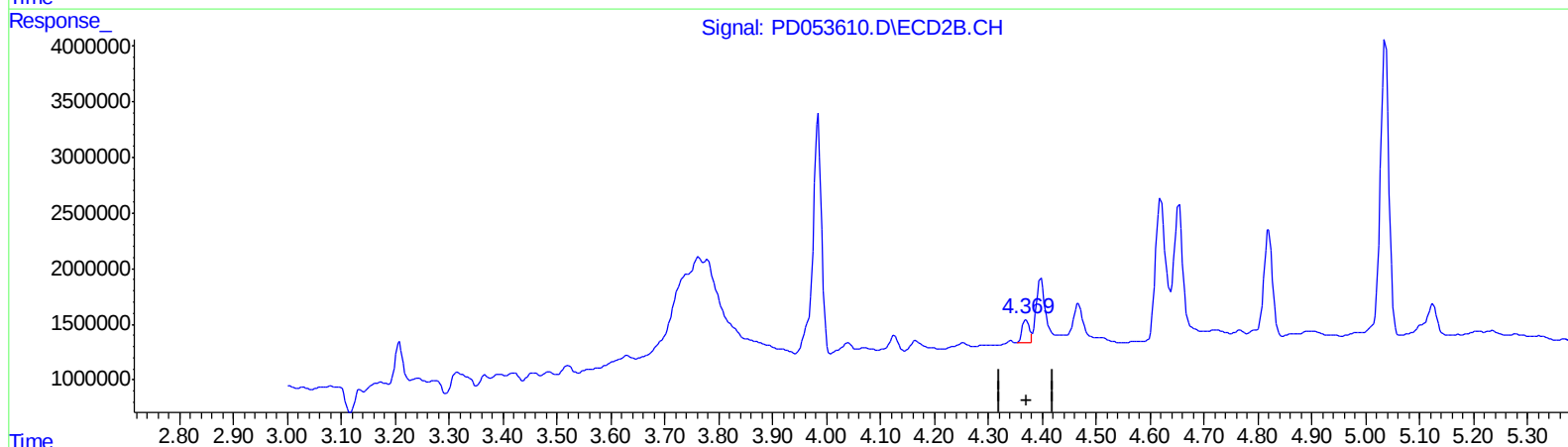
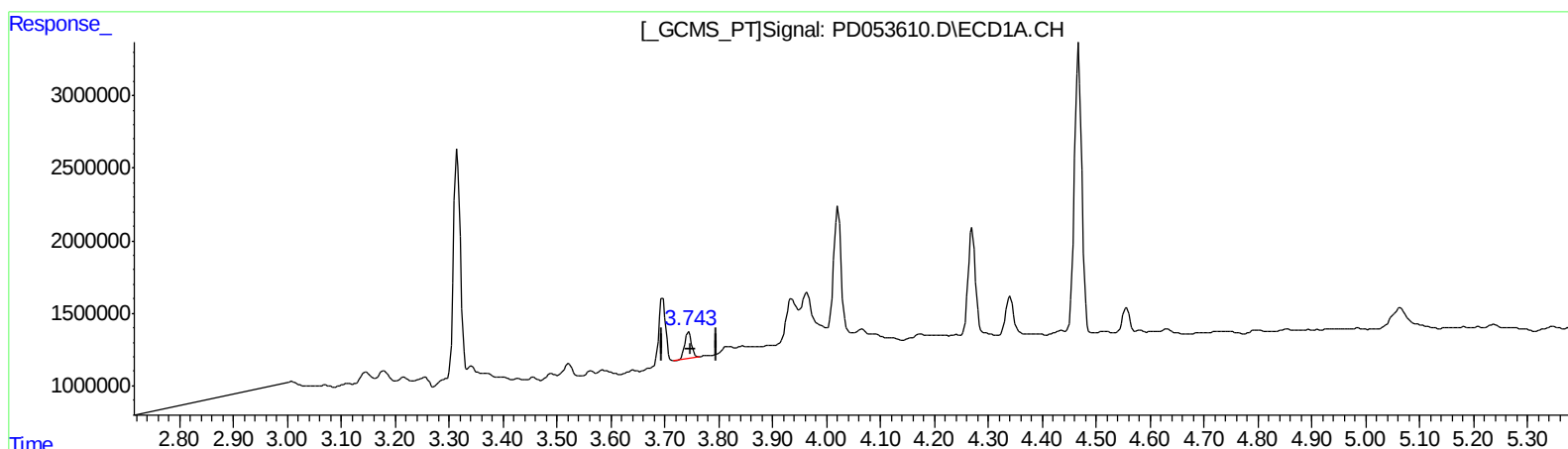
Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
APPROVED

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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

(2) alpha-BHC (A)  
3.744min 1.701 ng/ml  
response 1591890

(2) alpha-BHC #2 (A)  
4.369min 1.563 ng/ml m  
response 1885622

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
Data File : PD053610.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jun 2019 19:25  
Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

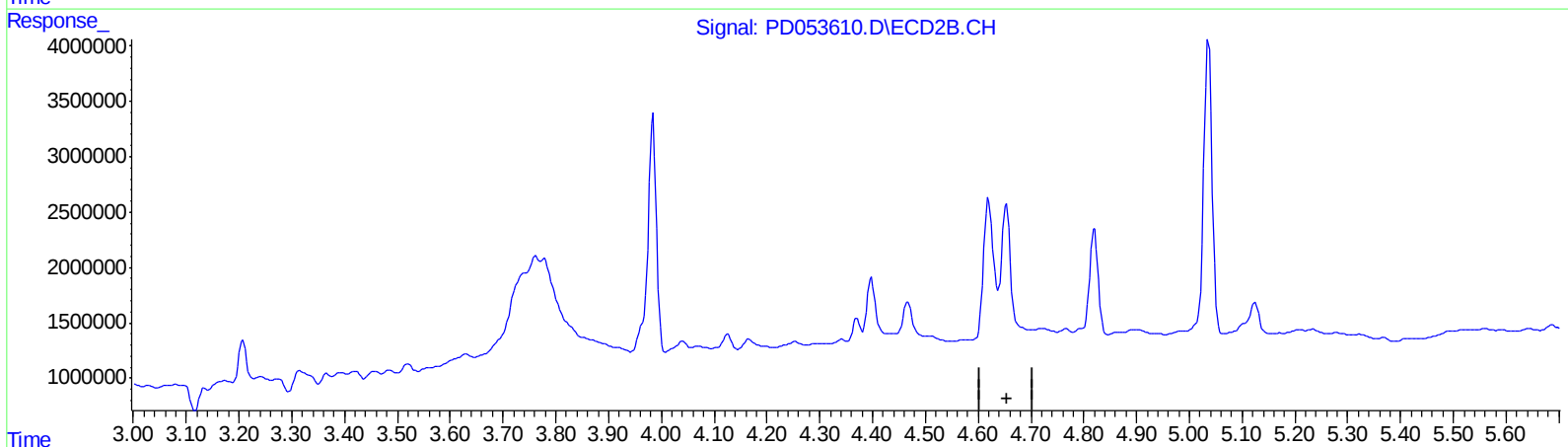
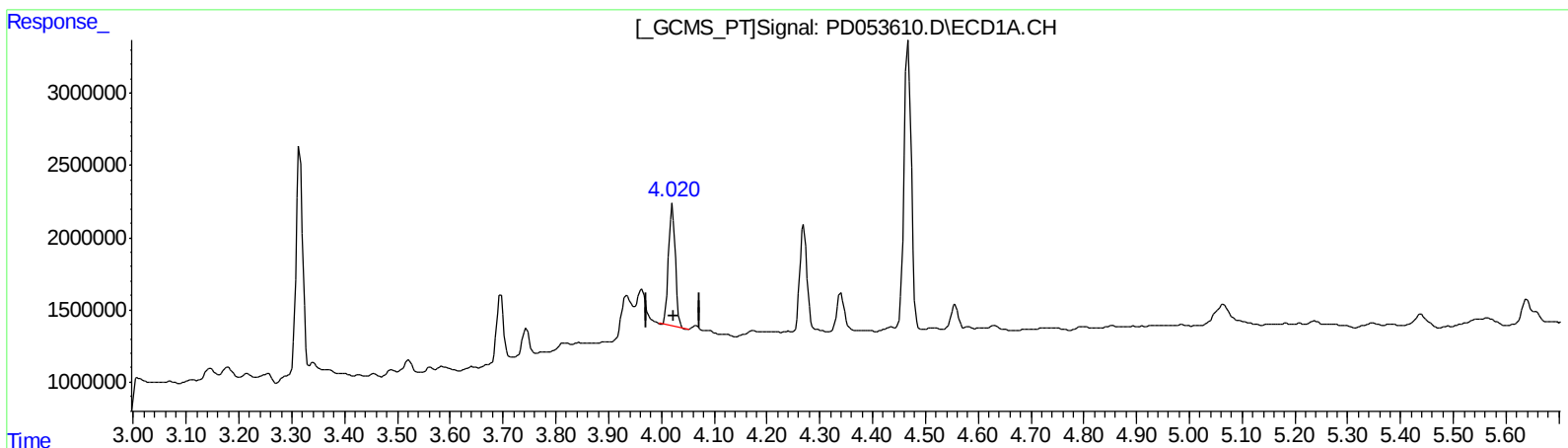
Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
APPROVED

Ankita  
6/14/2019 10:26:11 AM

Integration File signal 1: autoint1.e  
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Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
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Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)

4.021min 8.904 ng/ml

response 7636056

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

4.654min -2.825 ng/ml

response -3297602

(+) = Expected Retention Time

PD052119CLP.M Fri Jun 14 01:55:46 2019

Page: 1

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Acq On : 12 Jun 2019 19:25  
Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

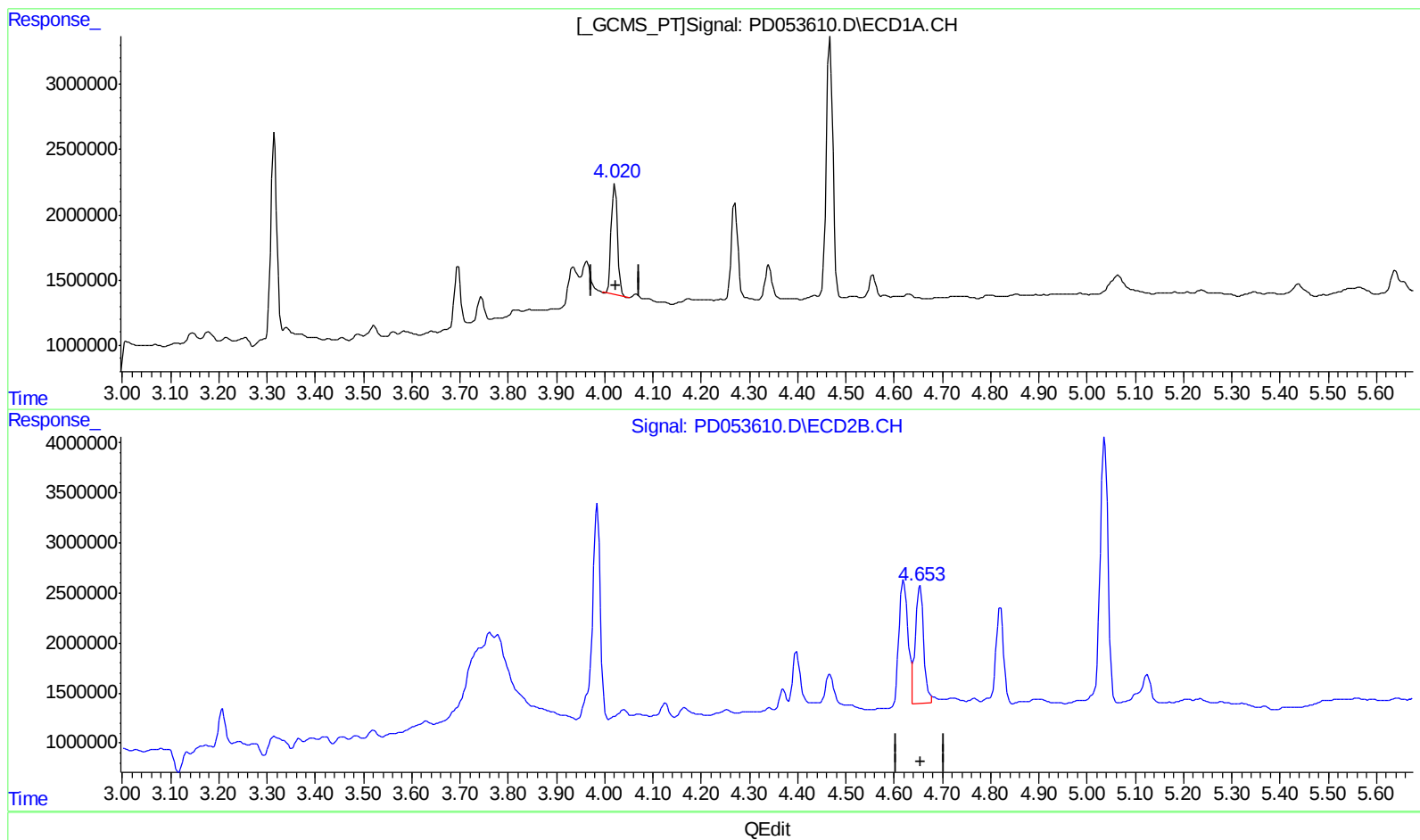
Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
APPROVED

Ankita  
6/14/2019 10:26:11 AM

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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



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

4.021min 8.904 ng/ml

response 7636056

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

4.653min 11.821 ng/ml m

response 13797826

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
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Misc :  
ALS Vial : 36 Sample Multiplier: 1

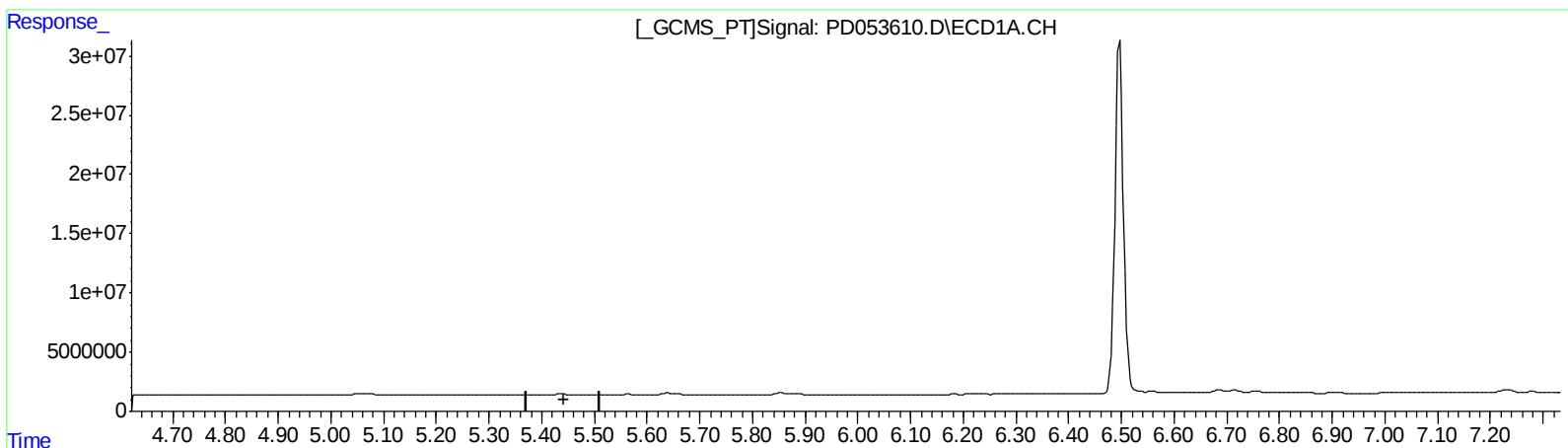
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Manual Integrations  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



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

(12) 4,4'-DDE #2 (B)  
6.310min 1.274 ng/ml  
response 1569738

QEdit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
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Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jun 2019 19:25  
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Misc :  
ALS Vial : 36 Sample Multiplier: 1

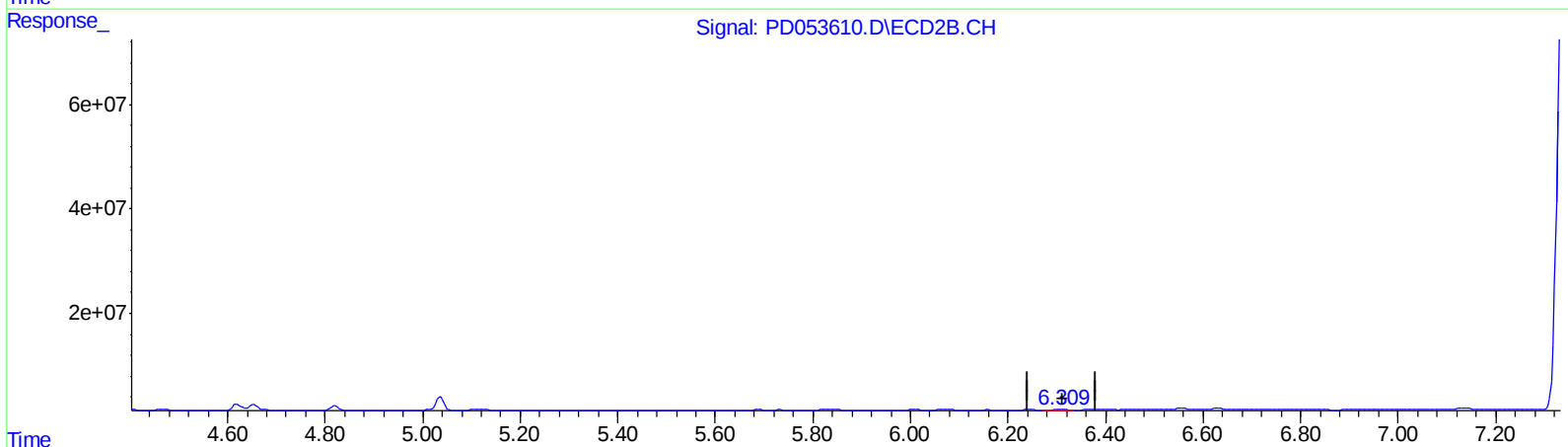
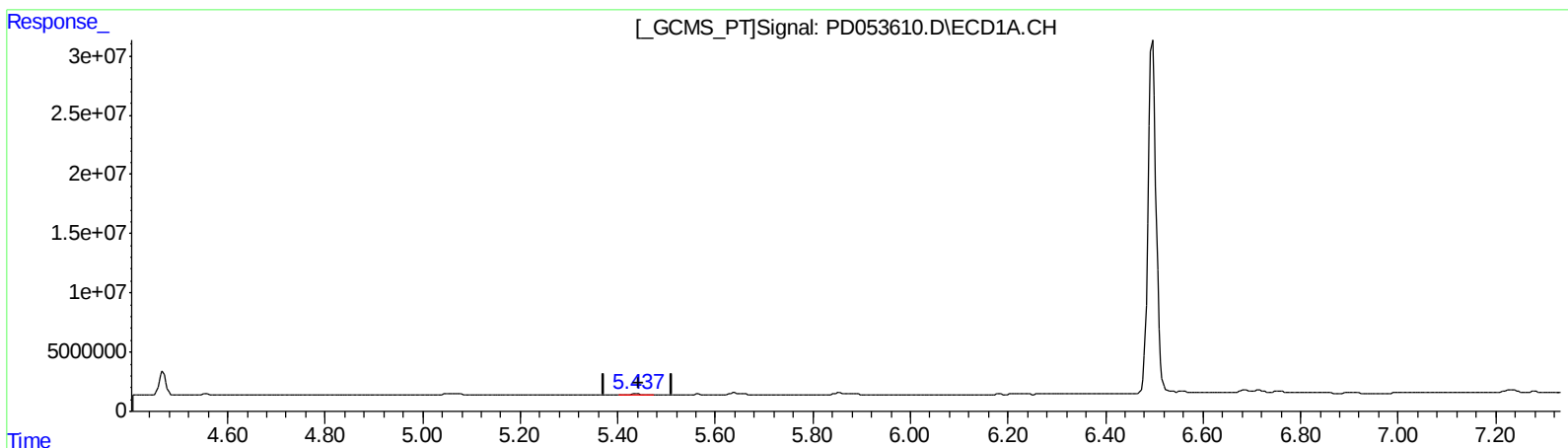
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ECD\_D  
ClientSampleId :  
DB8M6

Manual Integrations  
APPROVED

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6/14/2019 10:26:11 AM

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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

(12) 4,4'-DDE (B)  
5.437min 1.821 ng/ml m  
response 1481544

(12) 4,4'-DDE #2 (B)  
6.310min 1.274 ng/ml  
response 1569738

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
 Data File : PD053610.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jun 2019 19:25  
 Operator : SM\AJ  
 Sample : K3231-19  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DB8M6

Manual Integrations  
 APPROVED

Ankita  
 6/14/2019 10:26:11 AM

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 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...  | 3.315 | 3.983 | 13146402 | 22460953 | 17.942 | 22.813m# |
| 27) SA Decachlor... | 8.007 | 9.026 | 10017580 | 22870261 | 15.144 | 22.141 # |

## Target Compounds

|                    |       |       |          |          |        |          |
|--------------------|-------|-------|----------|----------|--------|----------|
| 2) A alpha-BHC     | 3.744 | 4.369 | 1591890  | 1885622  | 1.701  | 1.563m   |
| 3) MA gamma-BHC... | 4.021 | 4.653 | 7636056  | 13797826 | 8.904  | 11.821m# |
| 6) B beta-BHC      | 4.270 | 4.820 | 7312829  | 10209794 | 17.616 | 17.406   |
| 7) B delta-BHC     | 4.467 | 5.036 | 18993177 | 29453898 | 21.679 | 24.208   |
| 12) B 4,4'-DDE     | 5.437 | 6.310 | 1481544  | 1569738  | 1.821m | 1.274 #  |

AJ  
 06/17/19

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