

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
Data File : PQ033858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2018 04:04  
Operator : SM\SJ  
Sample : J5663-08MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

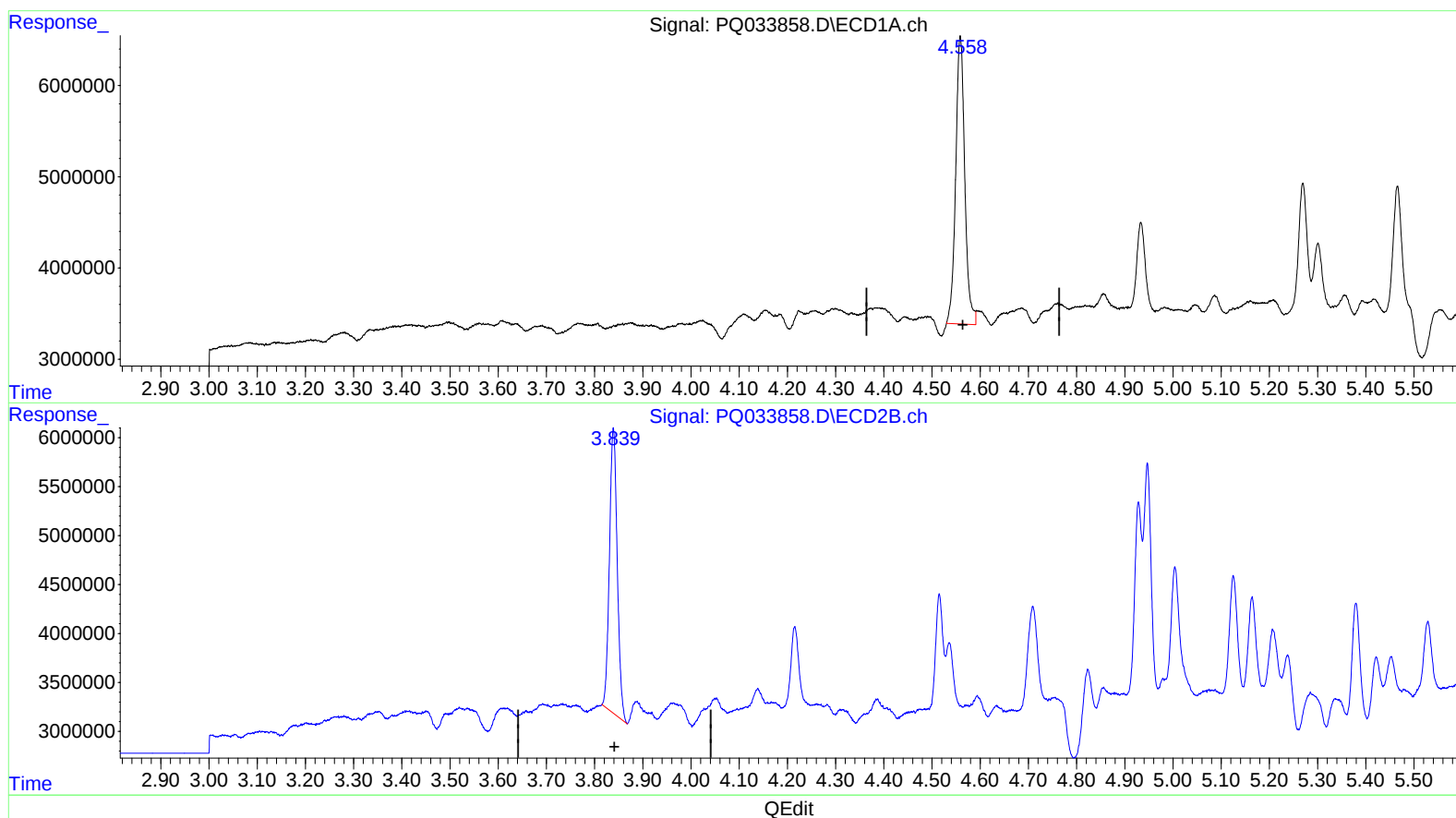
Instrument :  
ECD\_Q  
ClientSampleId :  
CB4E7MS

Manual Integrations  
APPROVED

sohil  
10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 01:26:50 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 30 17:29:03 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

4.559min 20.145 ng/ml

response 41326364

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

3.839min 21.093 ng/ml

response 32807308

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
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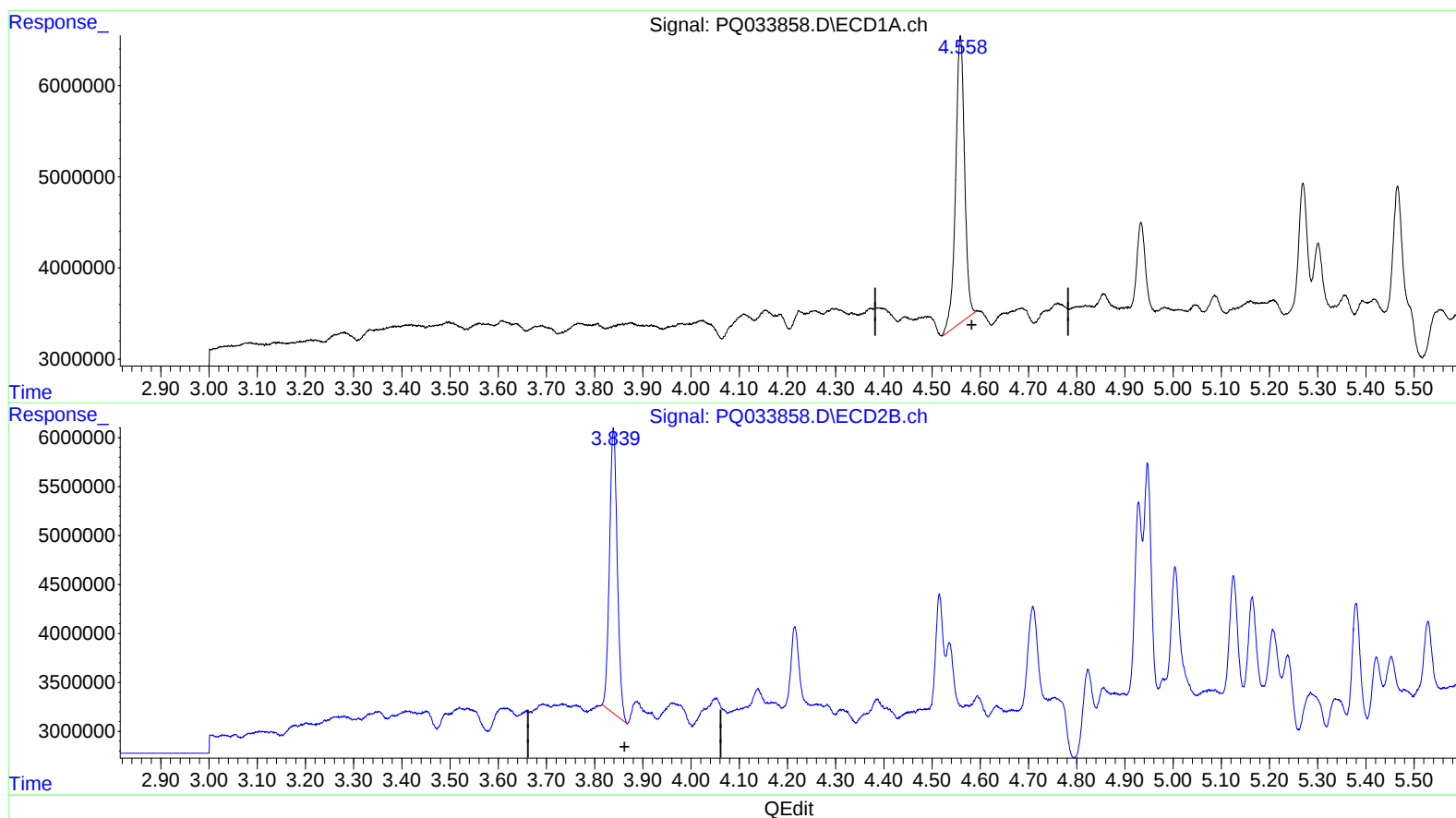
Instrument :  
ECD\_Q  
ClientSampleId :  
CB4E7MS

Manual Integrations  
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10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 08:08:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 10 08:14:42 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(1) Tetrachloro-m-xylene (SA)

4.558min 19.937 ng/ml m

response 40899345

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

3.839min 21.093 ng/ml

response 32807308

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
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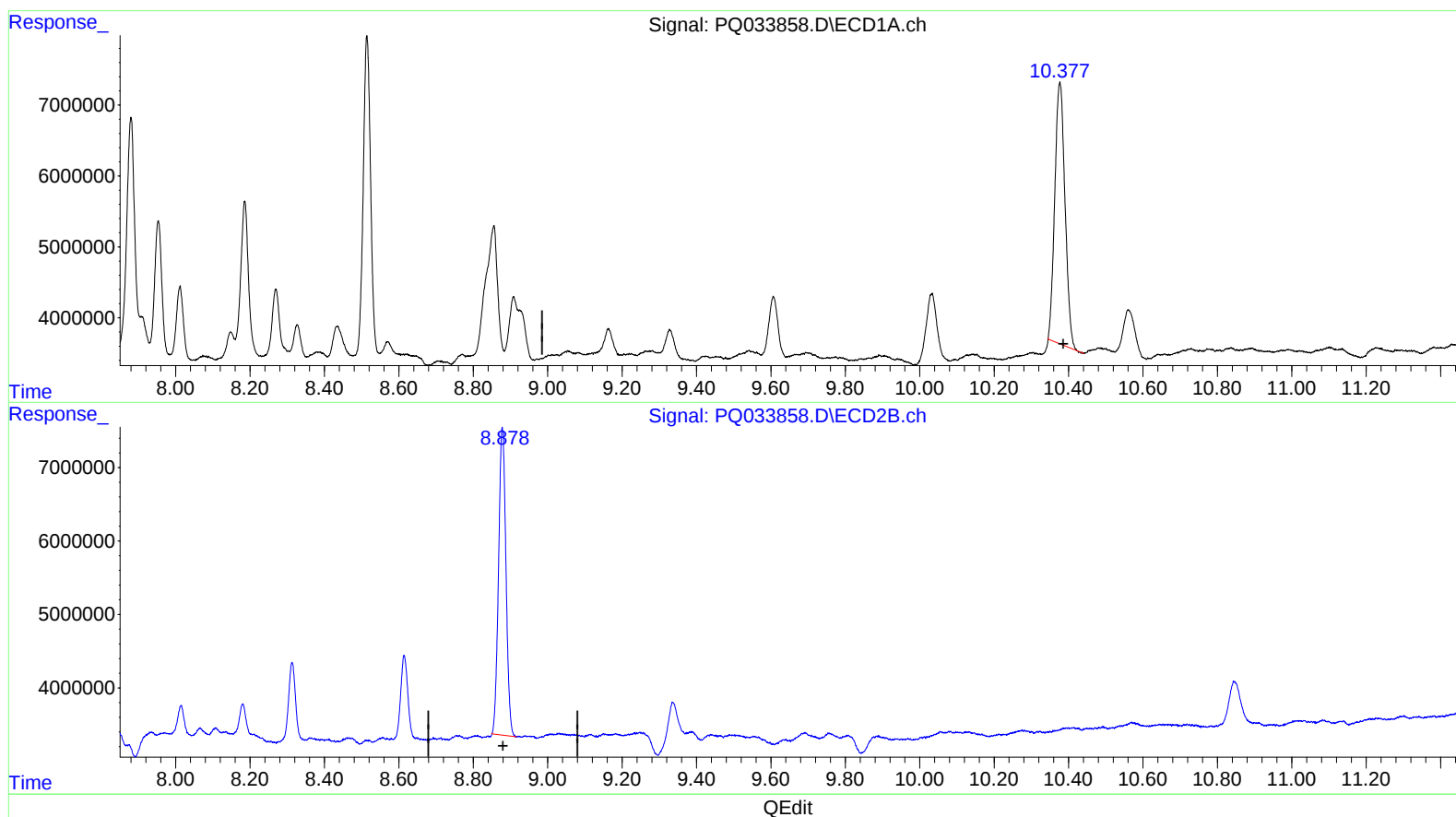
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ClientSampleId :  
CB4E7MS

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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.377min 37.199 ng/ml

response 70317246

(2) Decachlorobiphenyl #2 (SA)

8.878min 35.935 ng/ml

response 57768125

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
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Acq On : 30 Oct 2018 04:04  
Operator : SM\SJ  
Sample : J5663-08MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

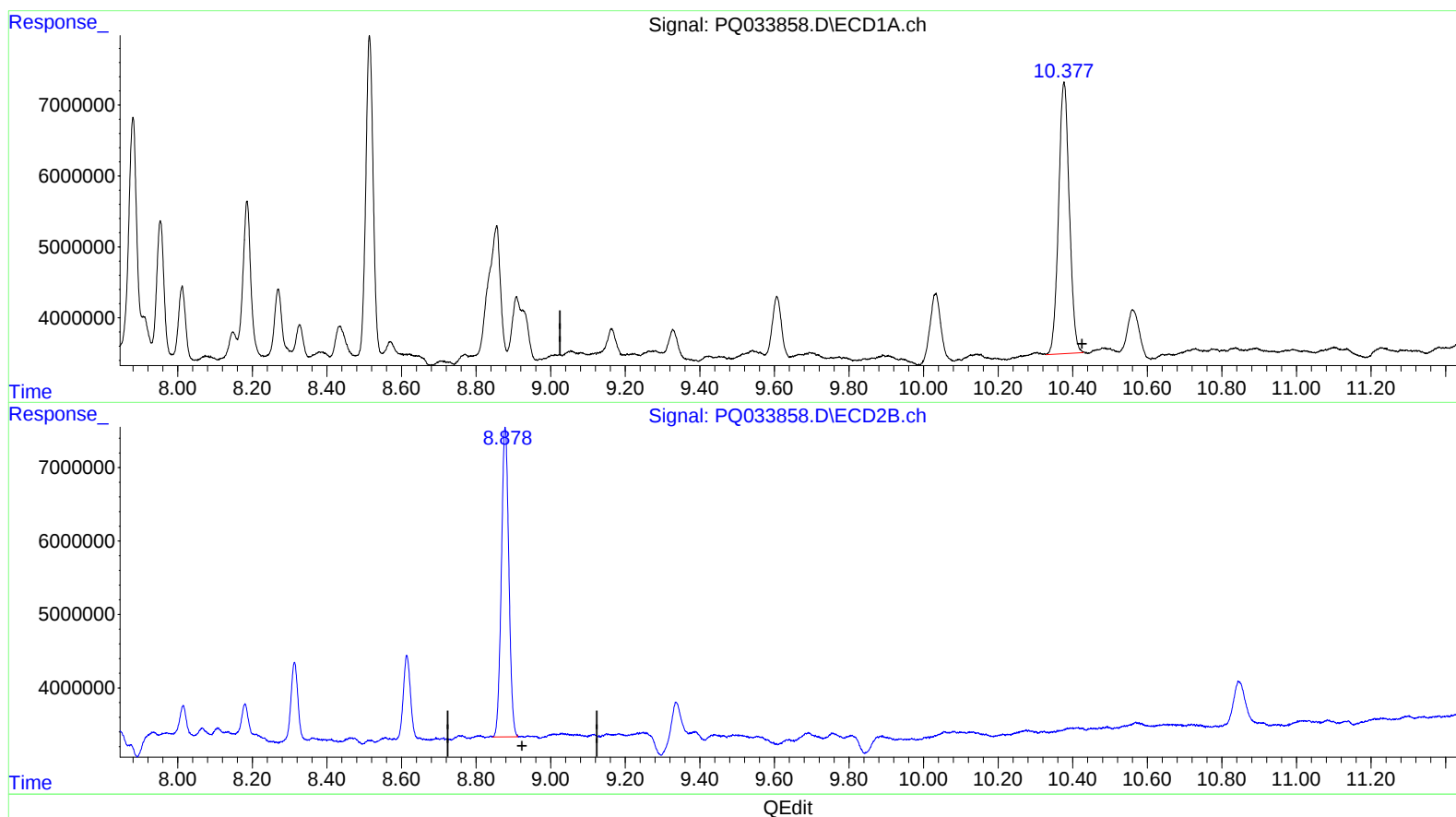
Instrument :  
ECD\_Q  
ClientSampleId :  
CB4E7MS

Manual Integrations  
APPROVED

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Integration File signal 1: autoint1.e  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.377min 40.485 ng/ml m

response 76528720

(2) Decachlorobiphenyl #2 (SA)

8.878min 36.446 ng/ml m

response 58589538

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
Data File : PQ033858.D  
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Acq On : 30 Oct 2018 04:04  
Operator : SM\SJ  
Sample : J5663-08MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

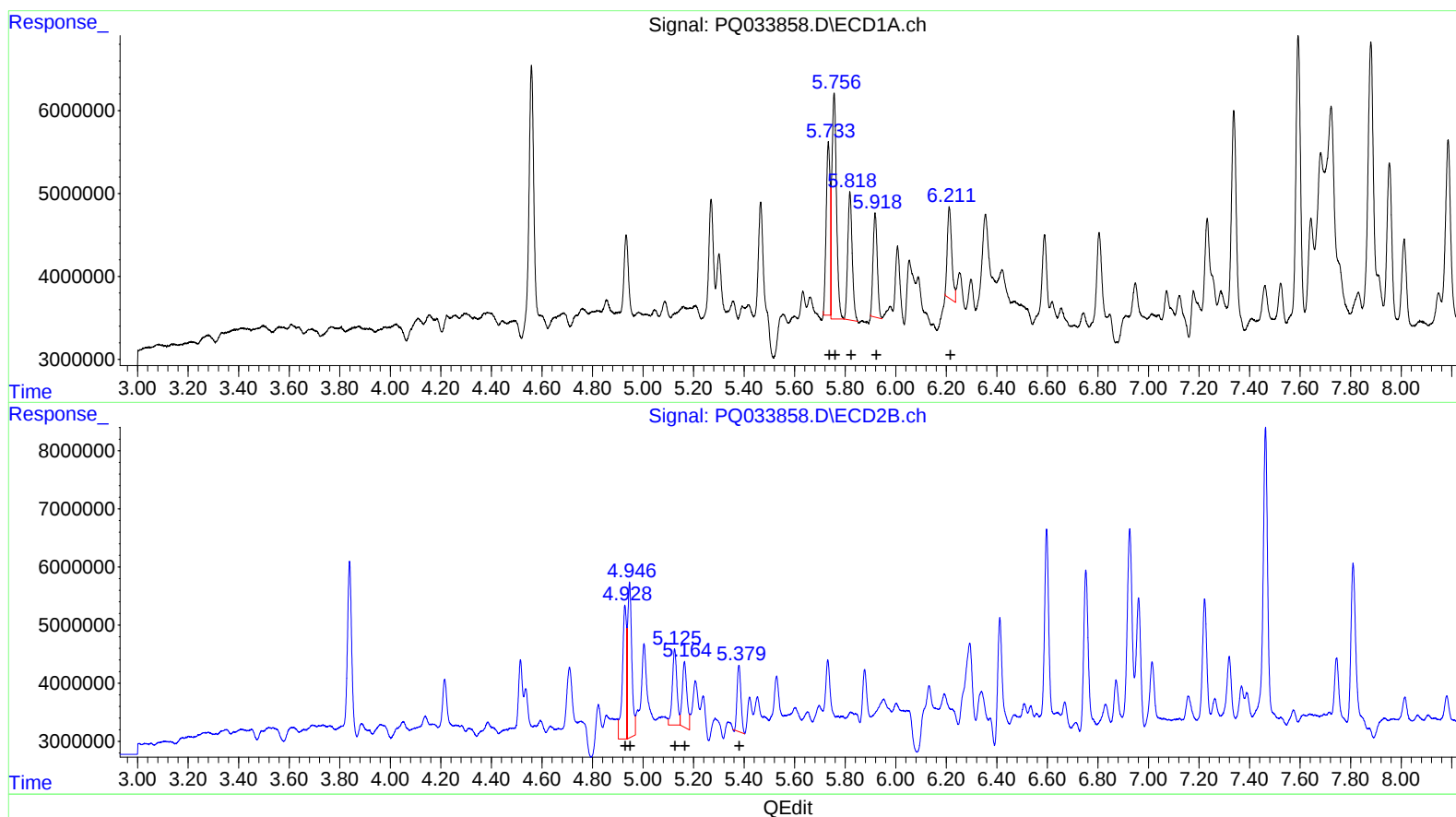
Instrument :  
ECD\_Q  
ClientSampleID :  
CB4E7MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
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Quant Title : GC EXTRACTABLES  
QLast Update : Tue Oct 30 17:29:03 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 5.73 | 22791317 | 327.32 |
| 5.76 | 34023276 | 330.30 |
| 5.82 | 18906220 | 301.93 |
| 5.92 | 14552118 | 287.92 |
| 6.21 | 13588306 | 263.69 |

(3) AR-1016-1 #2 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 4.93 | 27320975 | 477.24 |
| 4.95 | 30624904 | 384.33 |
| 5.13 | 15012142 | 361.91 |
| 5.16 | 14344072 | 418.64 |
| 5.38 | 12165924 | 266.27 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
Data File : PQ033858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2018 04:04  
Operator : SM\SJ  
Sample : J5663-08MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

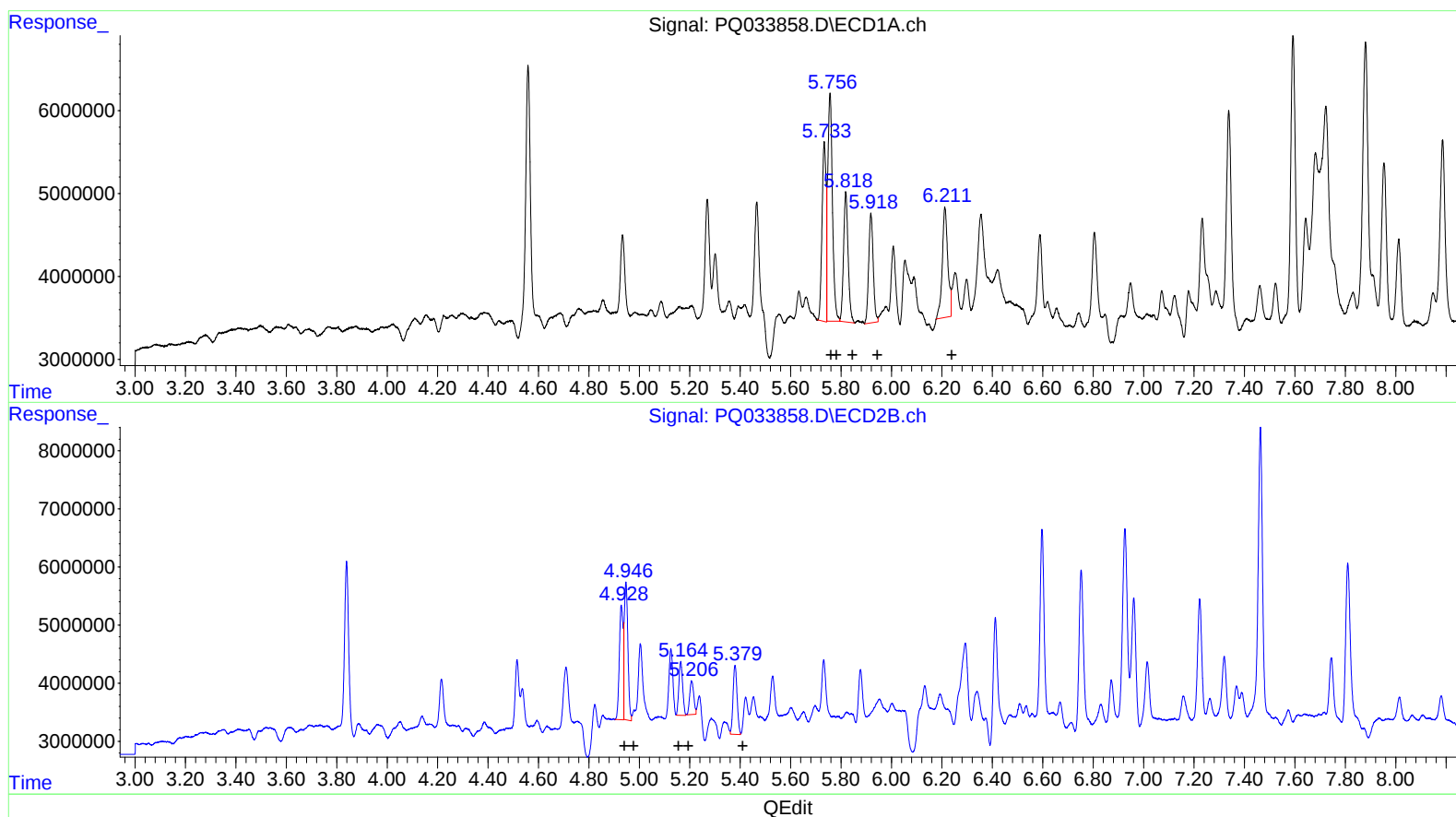
Instrument :  
ECD\_Q  
ClientSampled :  
CB4E7MS

Manual Integrations  
APPROVED

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10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 08:08:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ100918CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 10 08:14:42 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 5.73 | 24079675 | 345.82 |
| 5.76 | 35329656 | 342.98 |
| 5.82 | 19727808 | 315.05 |
| 5.92 | 16482027 | 326.11 |
| 6.21 | 20416404 | 396.20 |

(3) AR-1016-1 #2 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 4.93 | 21465648 | 374.96 |
| 4.95 | 22528811 | 282.73 |
| 5.16 | 9653808  | 232.73 |
| 5.21 | 6430018  | 187.66 |
| 5.38 | 13232063 | 289.60 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
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 Acq On : 30 Oct 2018 04:04  
 Operator : SM\SJ  
 Sample : J5663-08MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

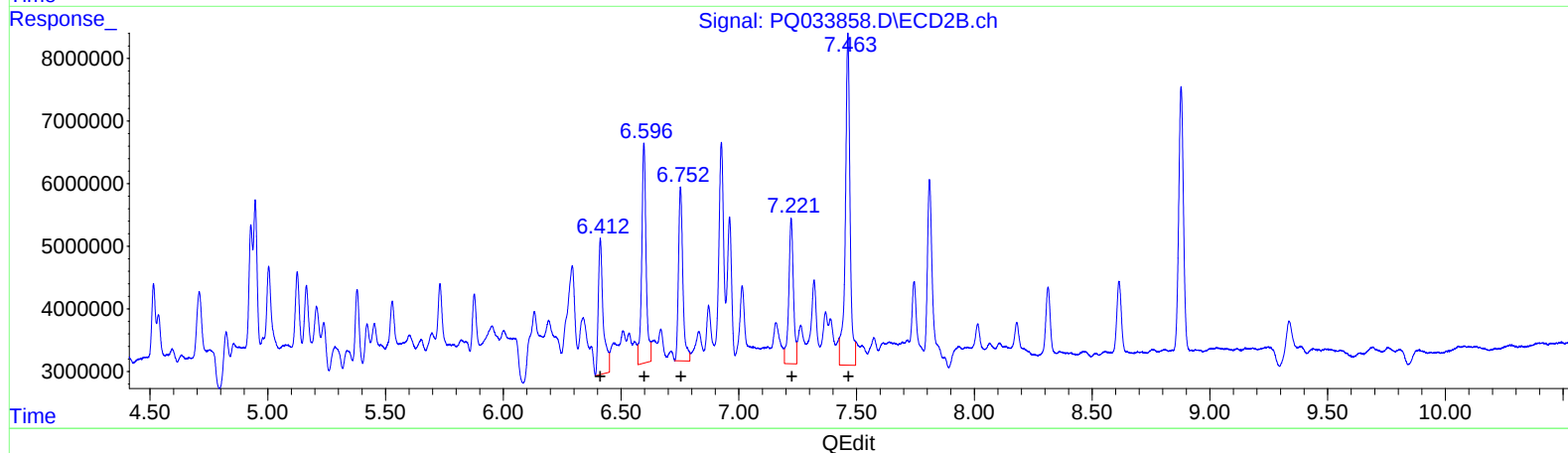
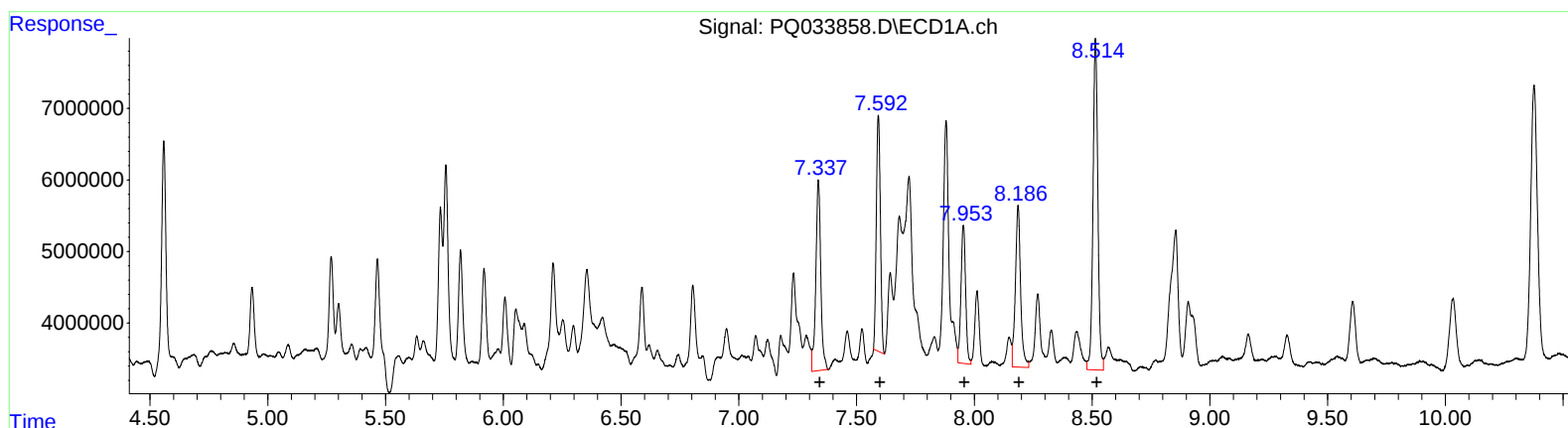
Instrument :  
 ECD\_Q  
 ClientSampleId :  
 CB4E7MS

Manual Integrations  
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 10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
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 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

## (31) AR-1260-1 (L7)

| R.T. | Response | Conc   |
|------|----------|--------|
| 7.34 | 39096549 | 365.54 |
| 7.59 | 39594331 | 313.56 |
| 7.95 | 26694666 | 342.72 |
| 8.19 | 34912204 | 344.89 |
| 8.51 | 66709316 | 353.28 |

## (31) AR-1260-1 #2 (L7)

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.41 | 31365765 | 333.95 |
| 6.60 | 45528479 | 390.77 |
| 6.75 | 35945665 | 333.32 |
| 7.22 | 32250316 | 419.55 |
| 7.46 | 74140353 | 385.91 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
 Data File : PQ033858.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2018 04:04  
 Operator : SM\SJ  
 Sample : J5663-08MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

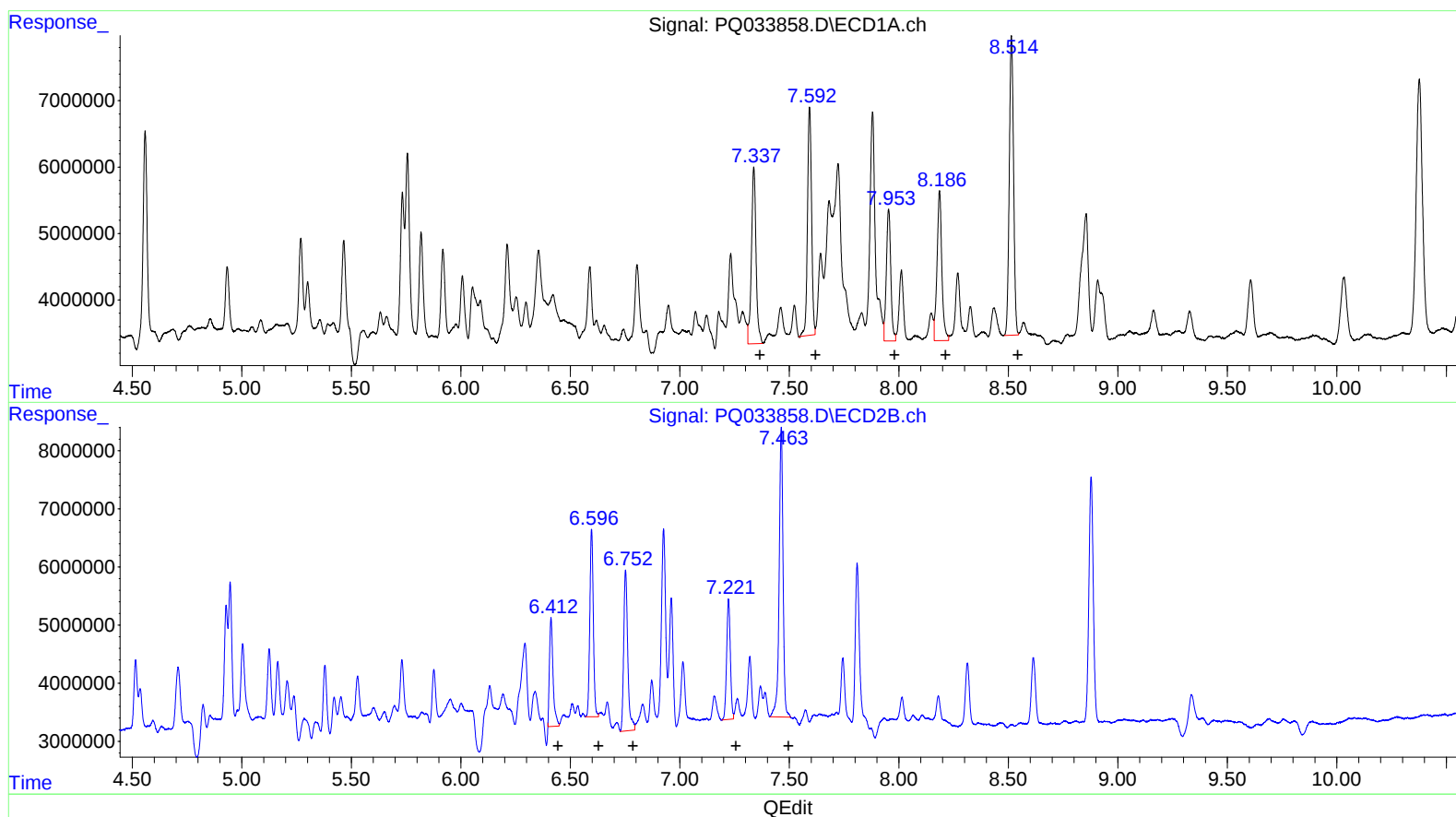
Instrument :  
 ECD\_Q  
 ClientSampleId :  
 CB4E7MS

Manual Integrations  
 APPROVED

sohil  
 10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
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 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 10 08:14:42 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(31) AR-1260-1 (L7)  
 R.T. Response Conc  
 7.34 38700512 361.83  
 7.59 44144819 349.59  
 7.95 28042791 360.02  
 8.19 34302767 338.87  
 8.51 61472066 325.55

(31) AR-1260-1 #2 (L7)  
 R.T. Response Conc  
 6.41 21533048 229.26  
 6.60 35914859 308.25  
 6.75 35642512 330.50  
 7.22 24335063 316.58  
 7.46 61669736 321.00

## Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102918\  
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 Acq On : 30 Oct 2018 04:04  
 Operator : SM\SJ  
 Sample : J5663-08MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 Client Sampled :  
 CB4E7MS

Manual Integrations  
 APPROVED

sohil  
 10/31/2018 8:06:17 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
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 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------|-------|----------|----------|----------|-----------|
| -----                       |        |       |          |          |          |           |
| System Monitoring Compounds |        |       |          |          |          |           |
| 1) SA Tetrachlo...          | 4.558  | 3.839 | 40899345 | 32807308 | 19.937m  | 21.093    |
| 2) SA Decachlor...          | 10.377 | 8.878 | 76528720 | 58589538 | 40.485m  | 36.446m   |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.733  | 4.928 | 24079675 | 21465648 | 345.824m | 374.960m  |
| 4) L1 AR-1016-2             | 5.757  | 4.946 | 35329656 | 22528811 | 342.980  | 282.728m  |
| 5) L1 AR-1016-3             | 5.819  | 5.164 | 19727808 | 9653808  | 315.054  | 232.733m# |
| 6) L1 AR-1016-4             | 5.918  | 5.206 | 16482027 | 6430018  | 326.108m | 187.662m# |
| 7) L1 AR-1016-5             | 6.211  | 5.379 | 20416404 | 13232063 | 396.197m | 289.599m# |
| 31) L7 AR-1260-1            | 7.337  | 6.412 | 38700512 | 21533048 | 361.833m | 229.260m# |
| 32) L7 AR-1260-2            | 7.592  | 6.596 | 44144819 | 35914859 | 349.592m | 308.254m  |
| 33) L7 AR-1260-3            | 7.953  | 6.752 | 28042791 | 35642512 | 360.023m | 330.505m  |
| 34) L7 AR-1260-4            | 8.186  | 7.221 | 34302767 | 24335063 | 338.869m | 316.577m  |
| 35) L7 AR-1260-5            | 8.514  | 7.463 | 61472066 | 61669736 | 325.546m | 320.999m  |
| -----                       |        |       |          |          |          |           |

ST 11/14/18

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