Quantitation Report (Qedit)

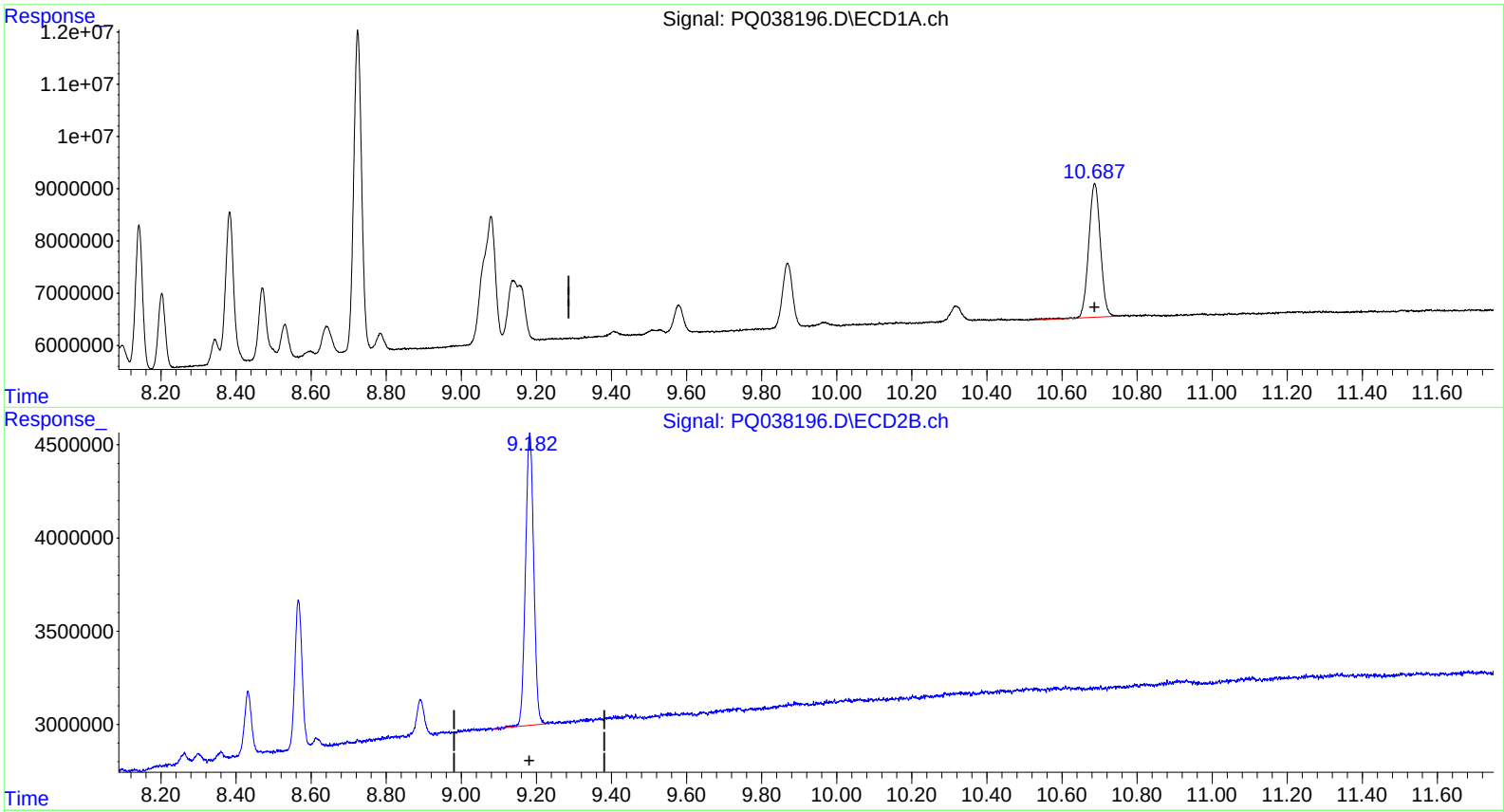
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 23 Mar 2019  13:33
Operator : SM\SJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 02:29:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 02:29:08 2019
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

(2) Decachlorobiphenyl (SA)

10.687min 10.450 ng/ml

response 55740087

(2) Decachlorobiphenyl #2 (SA)

9.182min 10.160 ng/ml

response 23812778

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
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ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
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**Manual Integrations APPROVED**
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3/25/2019 1:12:07 PM

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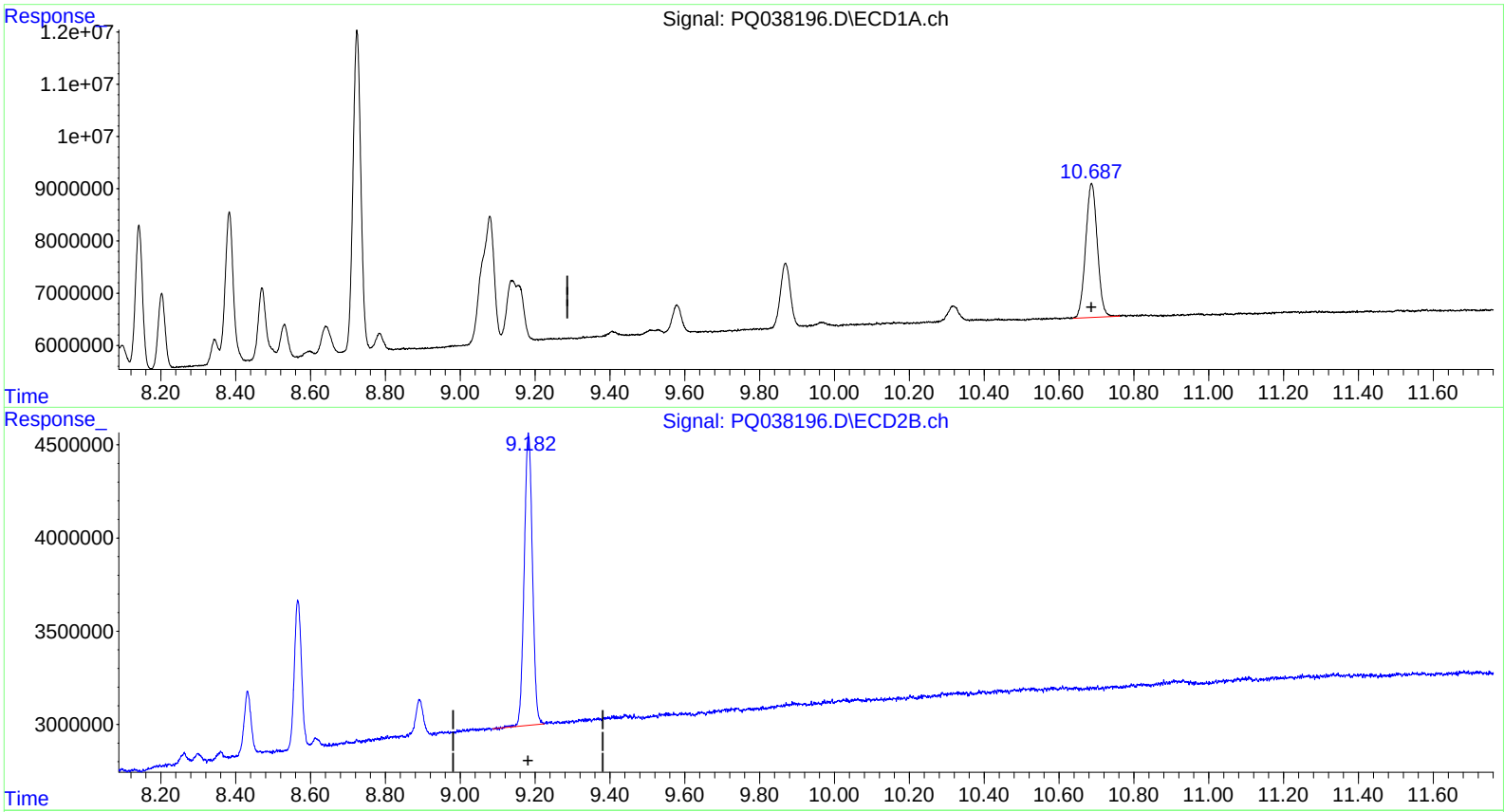


QEdit

(2) Decachlorobiphenyl (SA)

10.687min 10.400 ng/ml m

response 55474757

(2) Decachlorobiphenyl #2 (SA)

9.182min 10.160 ng/ml

response 23812778

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
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Operator : SM\SJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM

Integration File signal 1: autoint1.e
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Quant Time: Mar 25 02:29:31 2019
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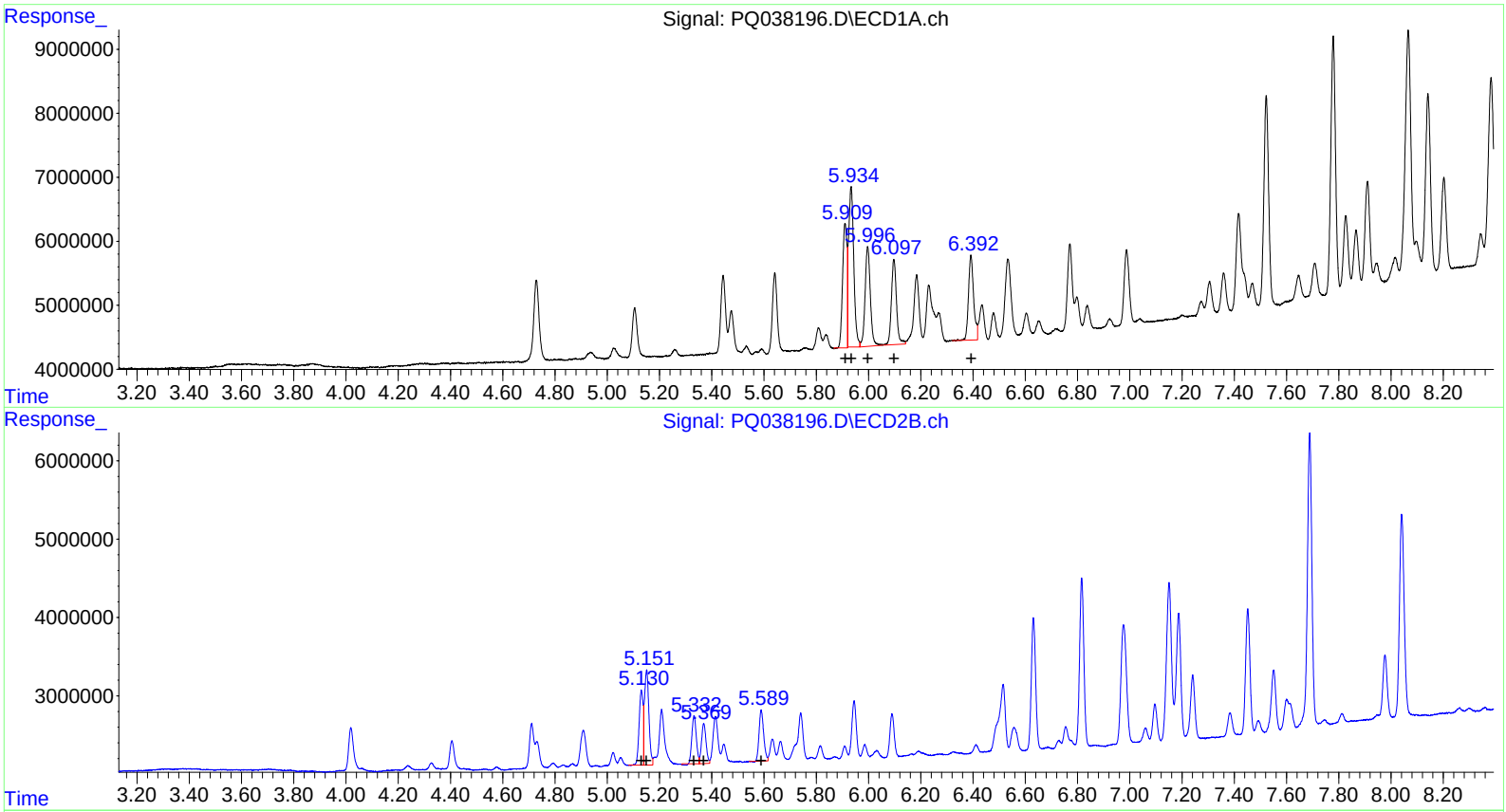
Response via : Initial Calibration
Integrator: ChemStation

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

(3) AR-1016-1 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 5.91 | 22812522 | 89.22 |
| 5.93 | 34858200 | 89.44 |
| 6.00 | 21888534 | 92.21 |
| 6.10 | 18074306 | 91.98 |
| 6.39 | 18136551 | 93.06 |

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

| R.T. | Response | Conc |
|---|---|---|
| 5.13 | 9993033 | 85.56 |
| 5.15 | 14393788 | 85.22 |
| 5.33 | 7332853 | 84.22 |
| 5.37 | 6129875 | 88.53 |
| 5.59 | 7957843 | 84.38 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 23 Mar 2019  13:33
Operator : SM\SJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM

Integration File signal 1: autoint1.e
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Quant Time: Mar 25 02:29:31 2019
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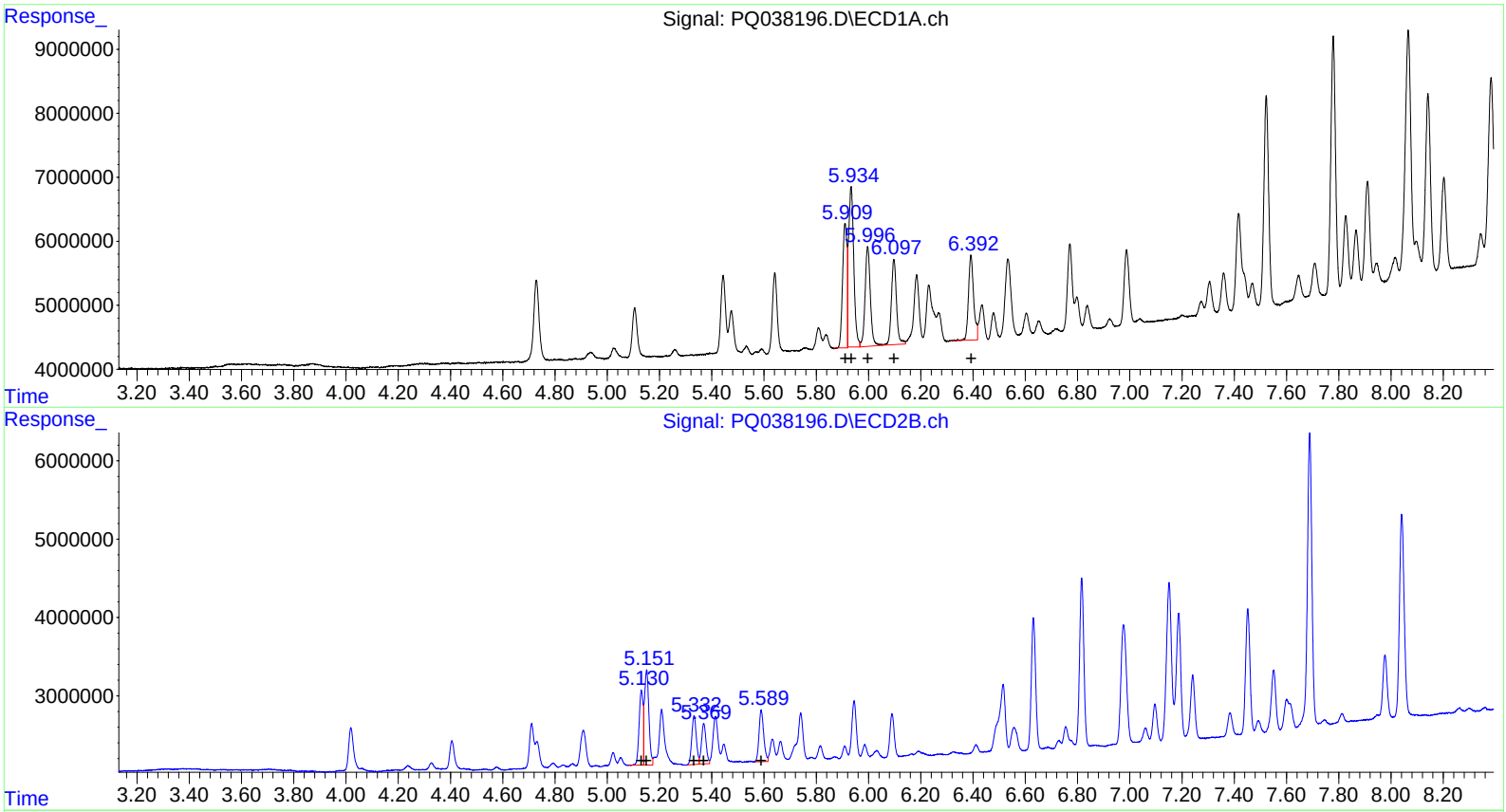
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 02:29:08 2019
Response via : Initial Calibration
Integrator: ChemStation

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

(3) AR-1016-1 (L1)

| R.T. | Response | Conc |
|---|---|---|
| 5.91 | 22812522 | 89.22 |
| 5.93 | 34858200 | 89.44 |
| 6.00 | 21888534 | 92.21 |
| 6.10 | 18074306 | 91.98 |
| 6.39 | 18136551 | 93.06 |

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

| R.T. | Response | Conc |
|---|---|---|
| 5.13 | 9993033 | 85.56 |
| 5.15 | 14393788 | 85.22 |
| 5.33 | 7558228 | 86.81 |
| 5.37 | 6235556 | 90.05 |
| 5.59 | 8222871 | 87.19 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On : 23 Mar 2019  13:33
Operator : SM\SJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM

Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
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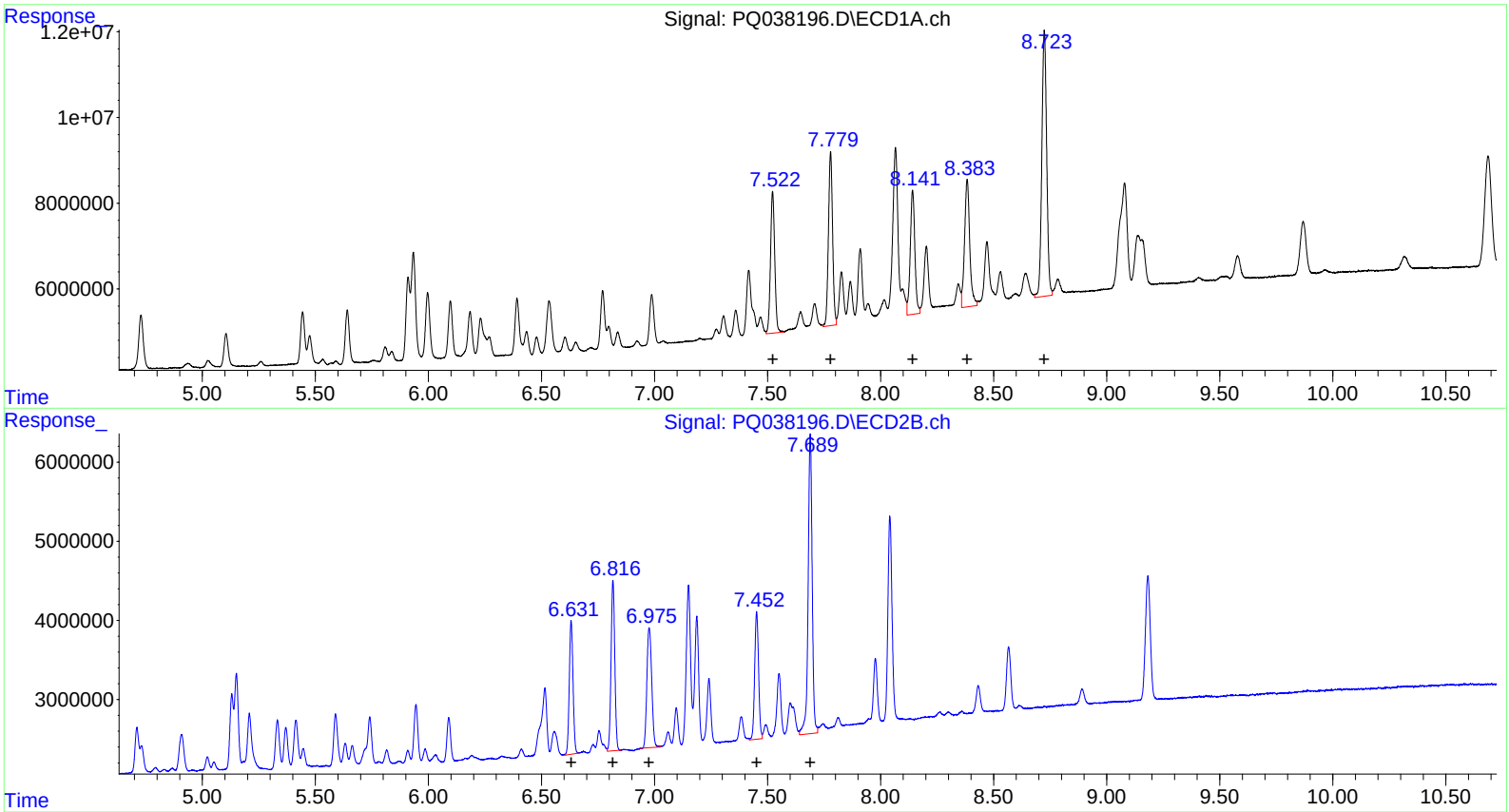
QLast Update : Mon Mar 25 02:29:08 2019
Response via : Initial Calibration
Integrator: ChemStation

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 |
|---|---|---|
| 7.52 | 43030302 | 97.61 |
| 7.78 | 51777345 | 97.25 |
| 8.14 | 41302402 | 102.93 |
| 8.38 | 47389720 | 100.42 |
| 8.72 | 92530564 | 96.02 |

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

| R.T. | Response | Conc |
|---|---|---|
| 6.63 | 19507279 | 89.68 |
| 6.82 | 24580603 | 90.74 |
| 6.98 | 22593713 | 89.76 |
| 7.45 | 19280321 | 93.78 |
| 7.69 | 47285138 | 94.28 |

(+) = Expected Retention Time

Quantitation Report (Qedit)

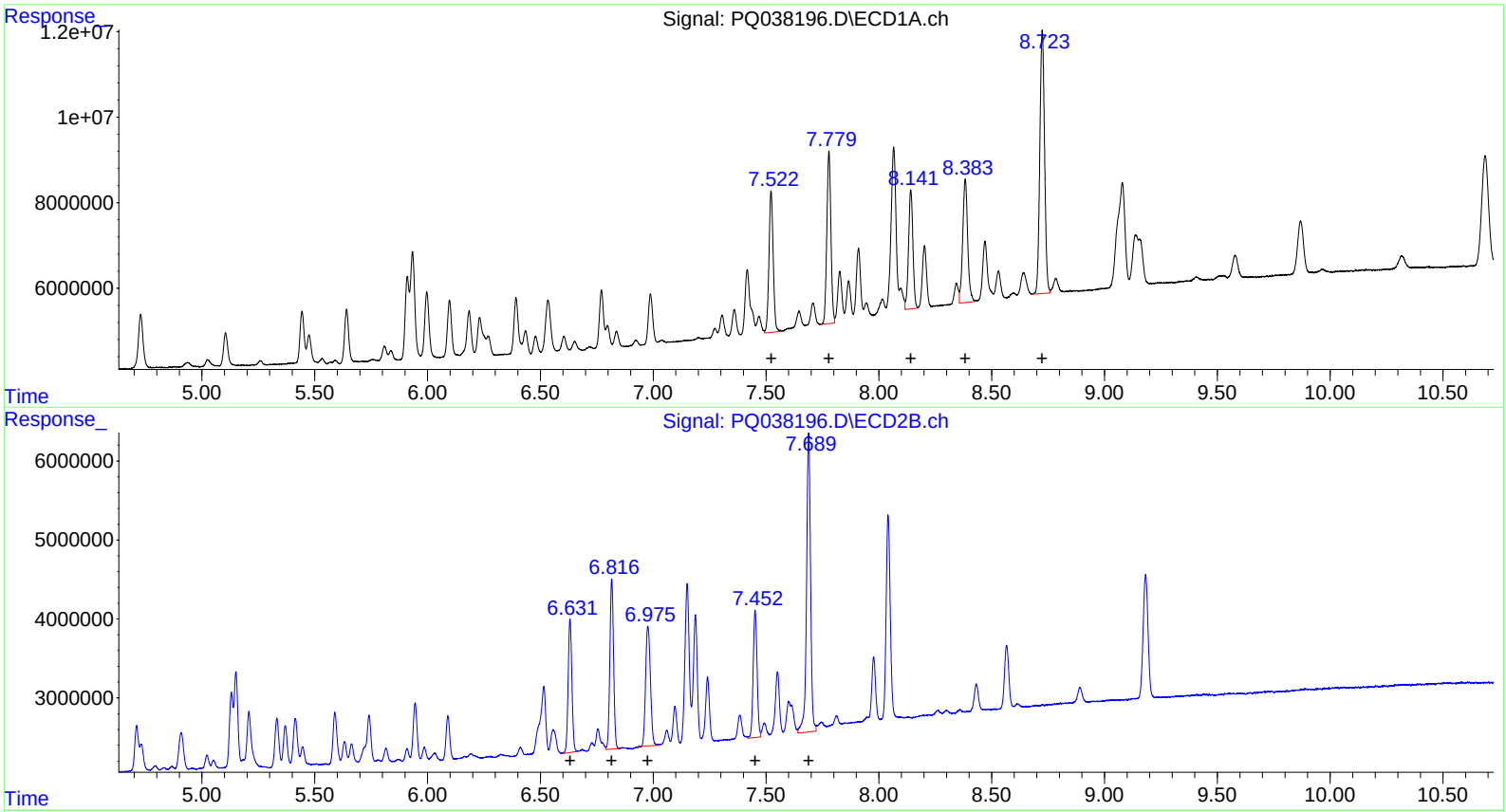
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On  : 23 Mar 2019  13:33
Operator  : SM\SJ
Sample  : AR1660ICC100
Misc  :
ALS Vial  : 3  Sample Multiplier: 1

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 02:29:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title  : GC EXTRACTABLES
QLast Update : Mon Mar 25 02:29:08 2019
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 #2 (L7)

| R.T. | Response | Conc |
|---|---|---|
| 7.52 | 43030302 | 97.61 |
| 7.78 | 50692119 | 95.21 |
| 8.14 | 37475604 | 93.39 |
| 8.38 | 44092090 | 93.43 |
| 8.72 | 90187705 | 93.59 |

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

| R.T. | Response | Conc |
|---|---|---|
| 6.63 | 19507279 | 89.68 |
| 6.82 | 24580603 | 90.74 |
| 6.98 | 22593713 | 89.76 |
| 7.45 | 19280321 | 93.78 |
| 7.69 | 47285138 | 94.28 |

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2019 13:33
Operator : SM\SJ
Sample : AR1660ICC100
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: autoint1.e
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Quant Time: Mar 25 02:29:31 2019
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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... | 4.729 | 4.019 | 18634608 | 7655279 | 4.139 | 4.283 |
| 2) | SA Decachlor... | 10.687 | 9.182 | 55474757 | 23812778 | 10.400m | 10.160 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.910 | 5.131 | 22812522 | 9993033 | 89.221 | 85.562 |
| 4) | L1 AR-1016-2 | 5.934 | 5.151 | 34858200 | 14393788 | 89.443 | 85.217 |
| 5) | L1 AR-1016-3 | 5.997 | 5.332 | 21888534 | 7558228 | 92.209 | 86.806m |
| 6) | L1 AR-1016-4 | 6.097 | 5.369 | 18074306 | 6235556 | 91.980 | 90.051m |
| 7) | L1 AR-1016-5 | 6.392 | 5.589 | 18136551 | 8222871 | 93.061 | 87.189m |
| 31) | L7 AR-1260-1 | 7.522 | 6.631 | 43030302 | 19507279 | 97.610 | 89.683 |
| 32) | L7 AR-1260-2 | 7.779 | 6.816 | 50692119 | 24580603 | 95.209m | 90.738 |
| 33) | L7 AR-1260-3 | 8.141 | 6.976 | 37475604 | 22593713 | 93.395m | 89.758 |
| 34) | L7 AR-1260-4 | 8.383 | 7.452 | 44092090 | 19280321 | 93.434m | 93.780 |
| 35) | L7 AR-1260-5 | 8.723 | 7.689 | 90187705 | 47285138 | 93.586m | 94.283 |

SJ 03/26/19

SJ 03/26/19

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

**Instrument :**
ECD_Q
**LabSampleId :**
AR1660101

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:12:07 PM