

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102818\  
Data File : PQ033762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Oct 2018 18:31  
Operator : SM\SJ  
Sample : PB114170BS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

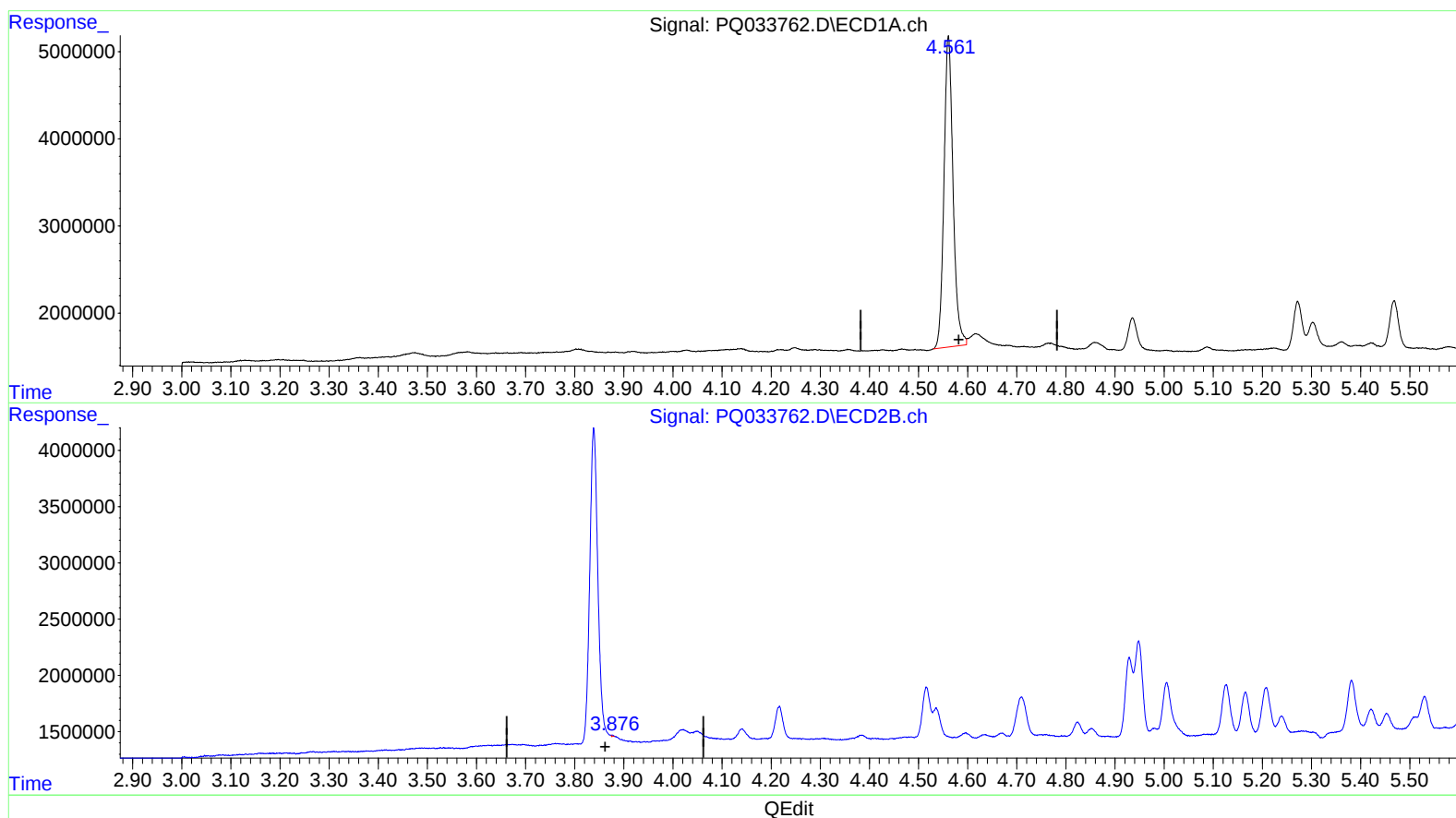
Instrument :  
ECD\_Q  
ClientSampleId :  
ALCS70

Manual Integrations  
APPROVED

Sohil  
10/30/2018 9:11:17 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 02:13:27 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



(1) Tetrachloro-m-xylene (SA)

4.561min 22.339 ng/ml

response 45827787

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

3.877min 0.031 ng/ml

response 47564

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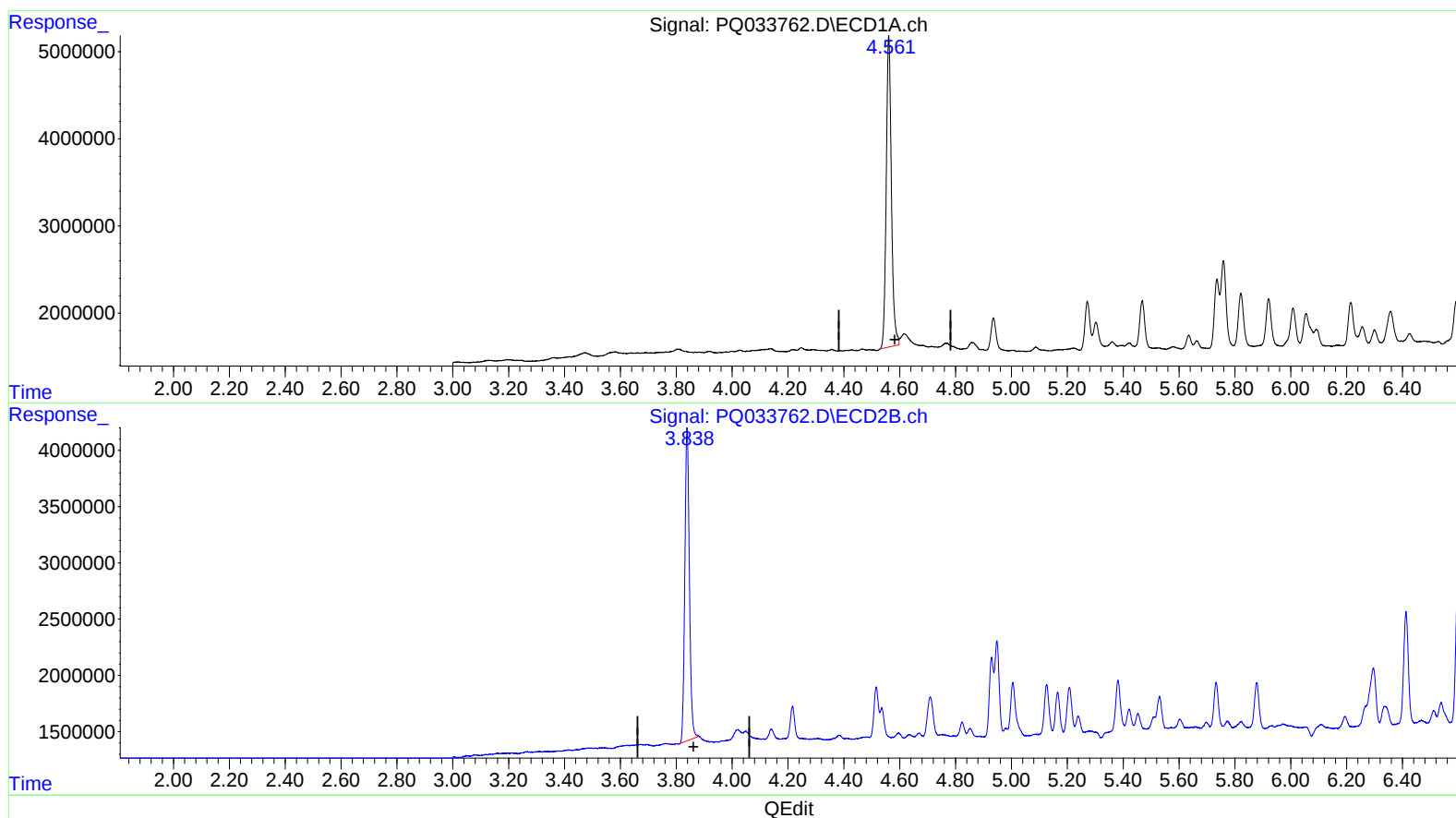
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(1) Tetrachloro-m-xylene (SA)

4.561min 22.339 ng/ml

response 45827787

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

3.838min 20.438 ng/ml m

response 31787956

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102818\  
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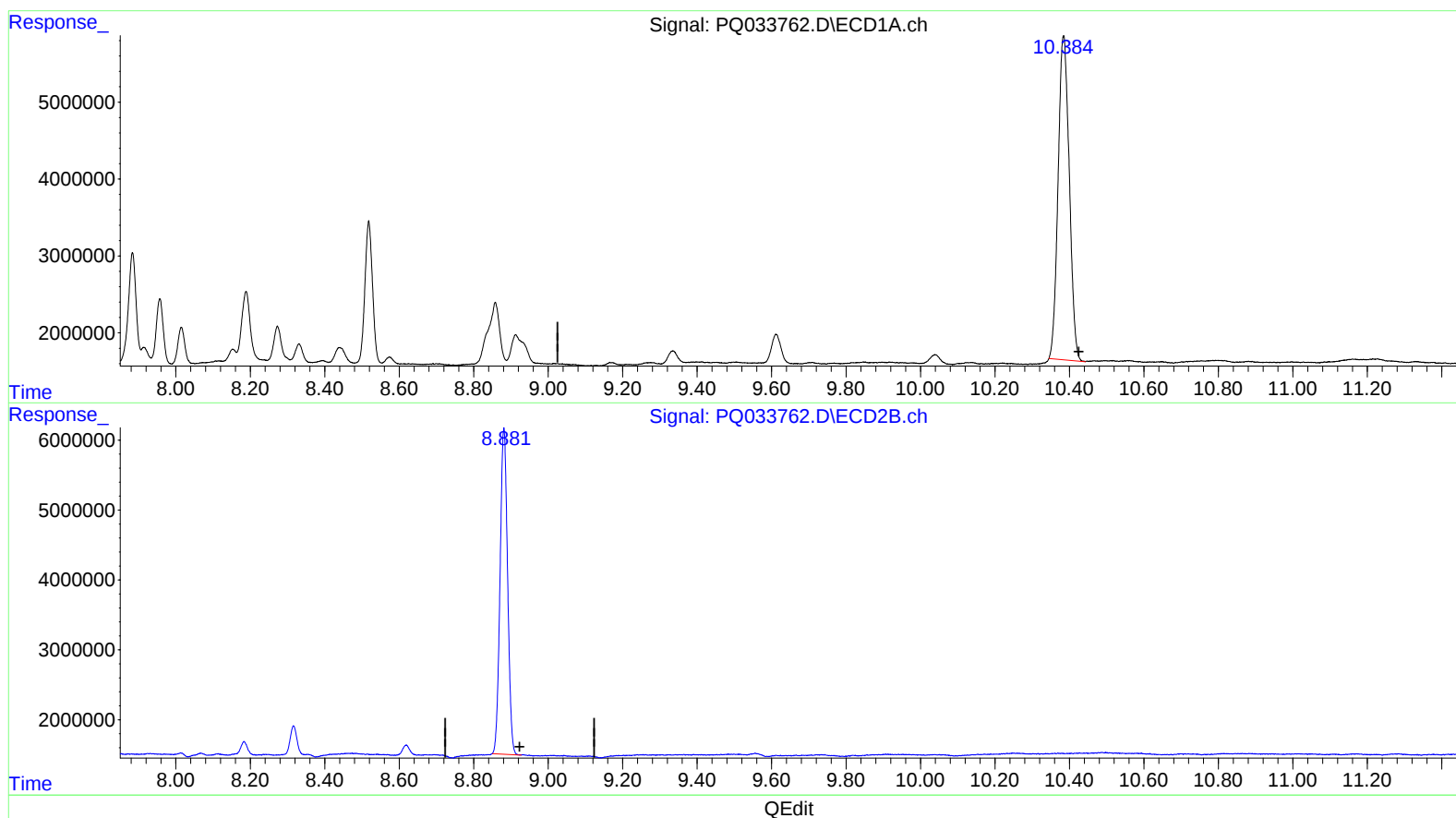
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ClientSampleId :  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.385min 46.390 ng/ml

response 87690359

(2) Decachlorobiphenyl #2 (SA)

8.881min 40.618 ng/ml

response 65296005

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Misc :  
ALS Vial : 66 Sample Multiplier: 1

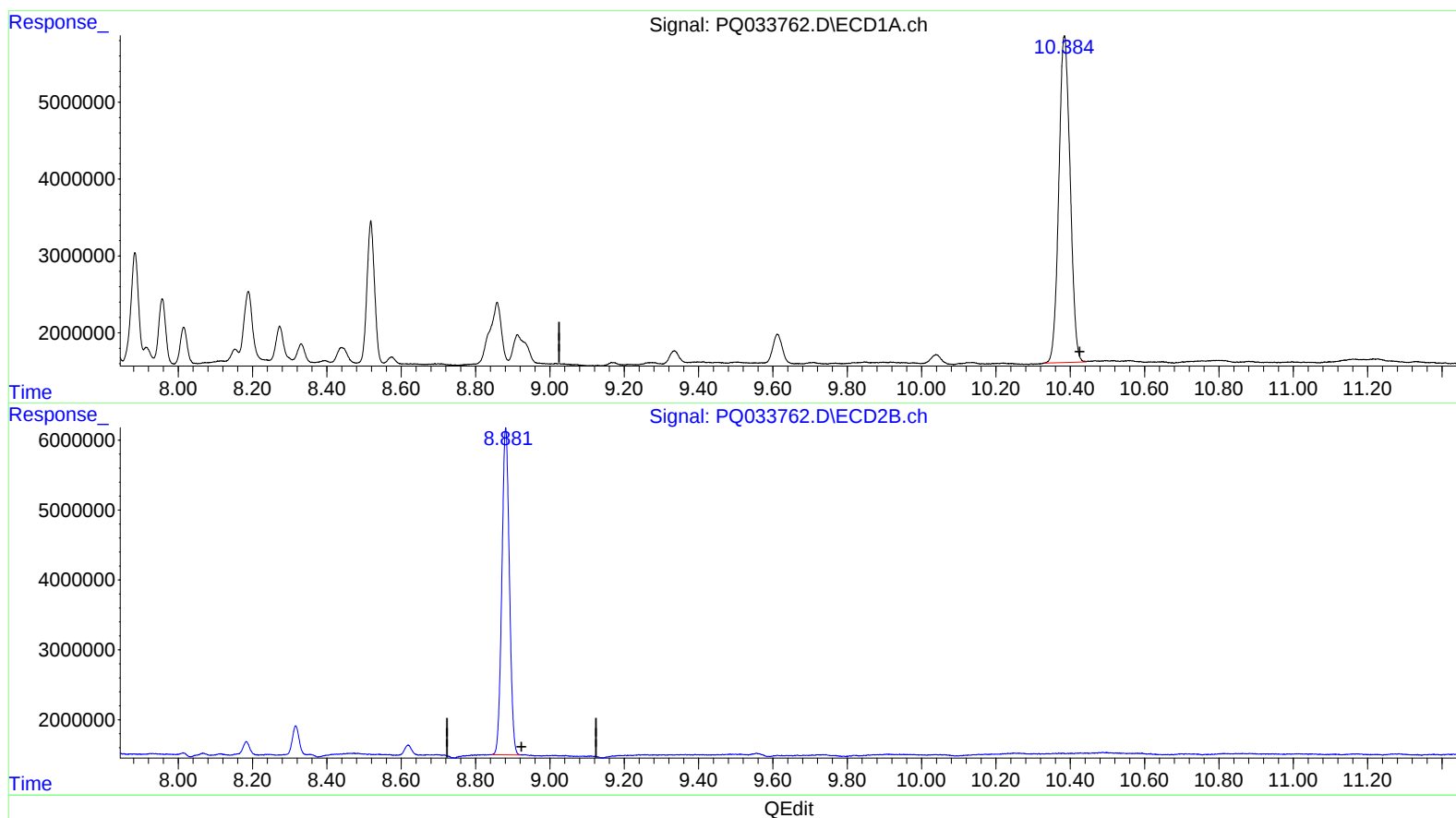
Instrument :  
ECD\_Q  
ClientSampleId :  
ALCS70

Manual Integrations  
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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



(2) Decachlorobiphenyl (SA)

10.384min 47.416 ng/ml m

response 89629440

(2) Decachlorobiphenyl #2 (SA)

8.881min 40.817 ng/ml m

response 65616338

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102818\  
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ALS Vial : 66 Sample Multiplier: 1

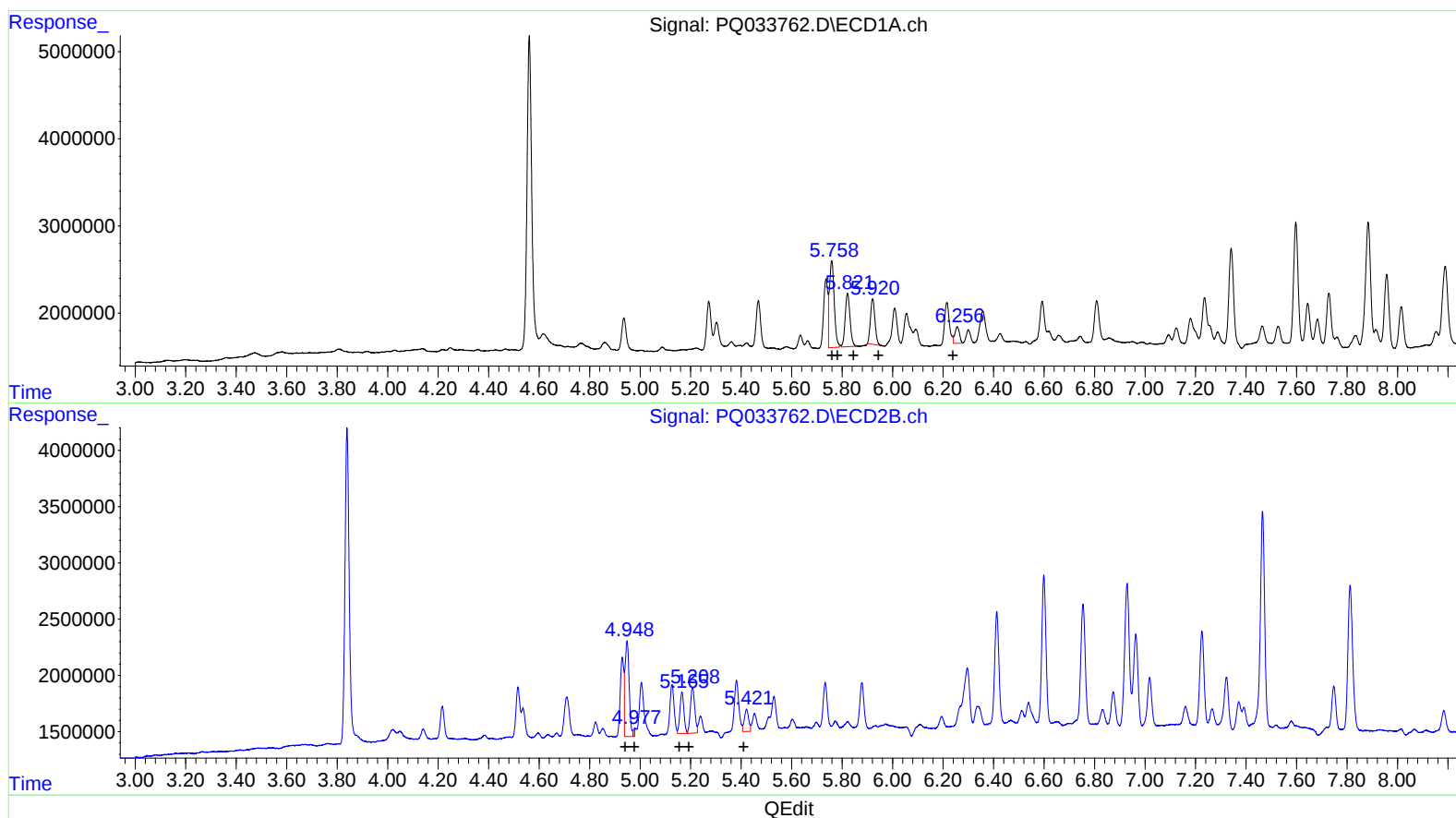
Instrument :  
ECD\_Q  
ClientSampleId :  
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Manual Integrations  
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Integrator: ChemStation

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   |
|------|----------|--------|
| 5.76 | 13206791 | 189.67 |
| 5.76 | 13206791 | 128.21 |
| 5.82 | 8170186  | 130.48 |
| 5.92 | 6461120  | 127.84 |
| 6.26 | 2398217  | 46.54  |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 4.95 | 9558496  | 166.97 |
| 4.98 | 255518   | 3.21   |
| 5.17 | 4070868  | 98.14  |
| 5.21 | 4860063  | 141.84 |
| 5.42 | 2316066  | 50.69  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ102818\  
Data File : PQ033762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Oct 2018 18:31  
Operator : SM\SJ  
Sample : PB114170BS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

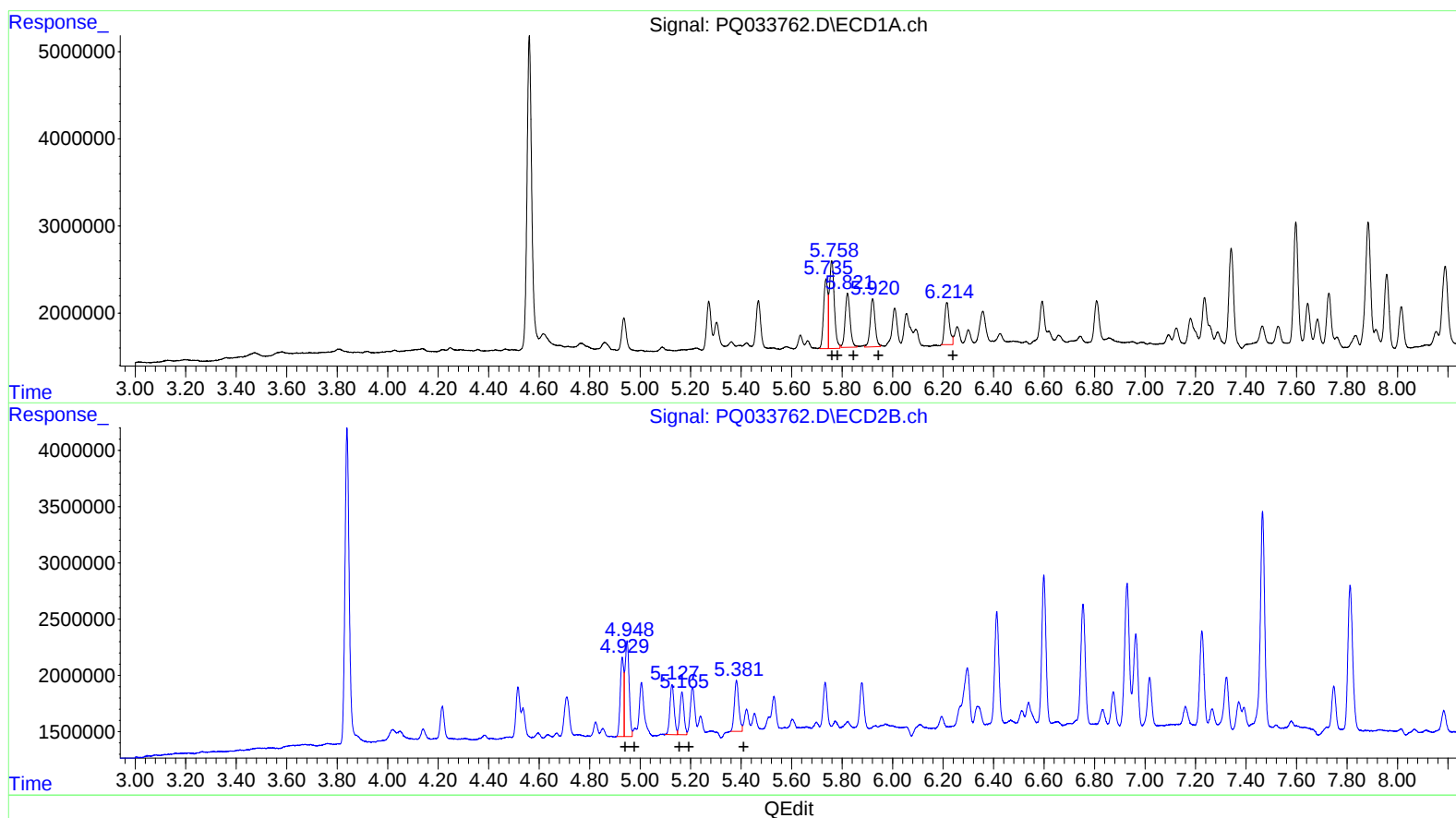
Instrument :  
ECD\_Q  
ClientSampled :  
ALCS70

Manual Integrations  
APPROVED

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Integration File signal 1: autoint1.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



(3) AR-1016-1 (L1)

| R.T. | Response | Conc   |
|------|----------|--------|
| 5.74 | 9138807  | 131.25 |
| 5.76 | 13400974 | 130.10 |
| 5.82 | 8499991  | 135.75 |
| 5.92 | 7438663  | 147.18 |
| 6.21 | 6407590  | 124.34 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 4.93 | 6644516  | 116.07 |
| 4.95 | 9643878  | 121.03 |
| 5.13 | 5192835  | 125.19 |
| 5.17 | 4246846  | 123.95 |
| 5.38 | 5498330  | 120.34 |

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Operator : SM\SJ  
Sample : PB114170BS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

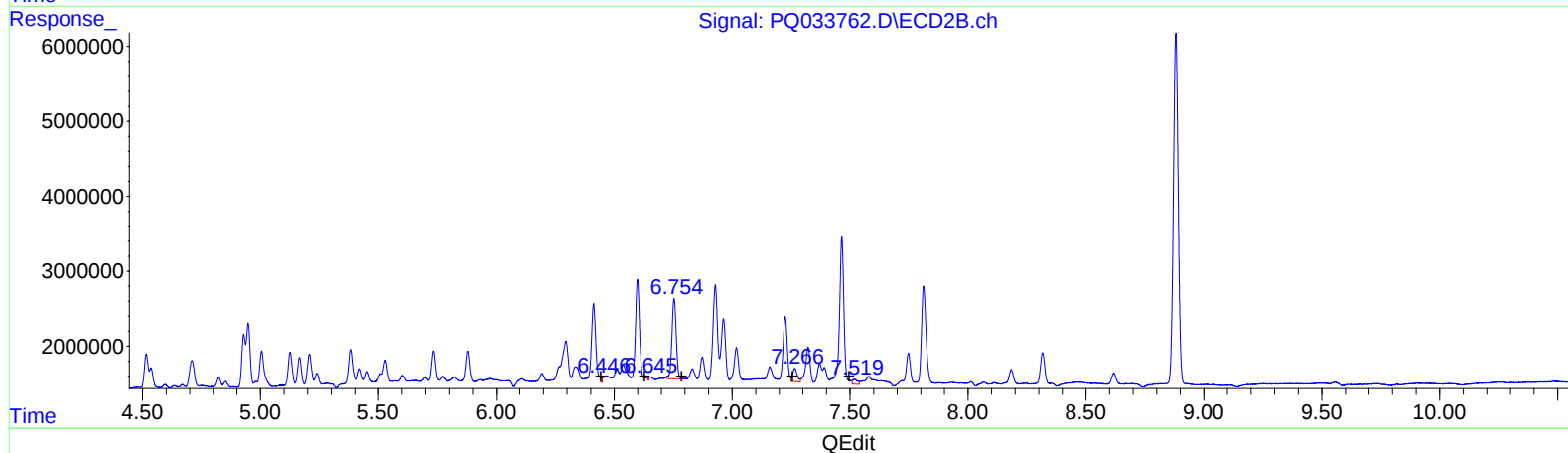
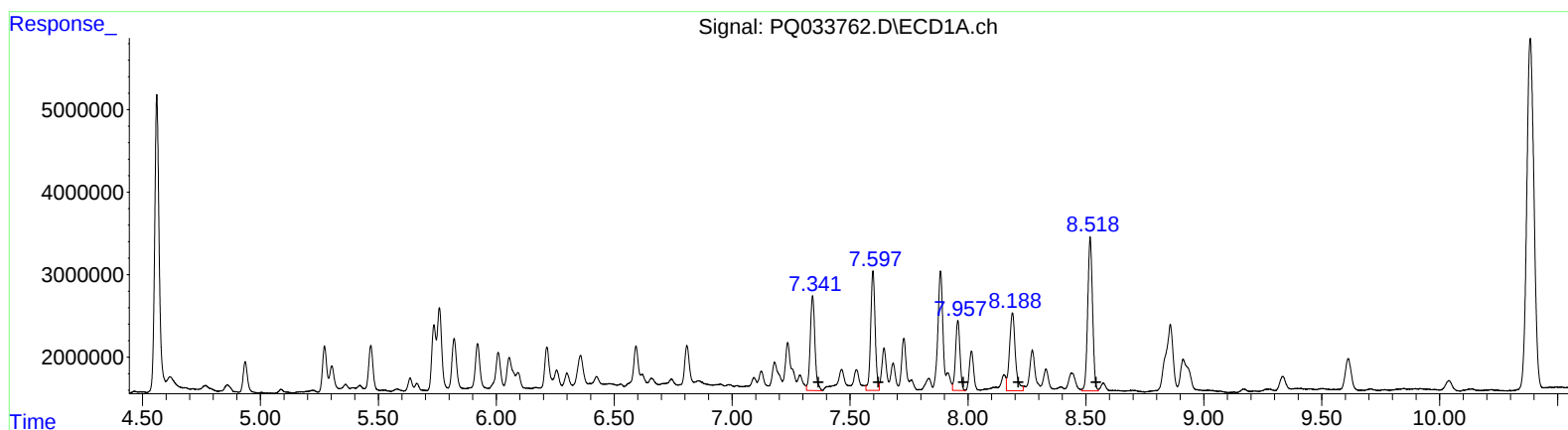
Instrument :  
ECD\_Q  
ClientSampled :  
ALCS70

Manual Integrations  
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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 | 15876291 | 148.44 |
| 7.60 | 19014202 | 150.58 |
| 7.96 | 11111680 | 142.66 |
| 8.19 | 16294496 | 160.97 |
| 8.52 | 26605416 | 140.90 |

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

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.45 | 253672   | 2.70   |
| 6.65 | 125725   | 1.08   |
| 6.75 | 13449404 | 124.71 |
| 7.27 | 2372992  | 30.87  |
| 7.52 | 974735   | 5.07   |

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Acq On : 27 Oct 2018 18:31  
Operator : SM\SJ  
Sample : PB114170BS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

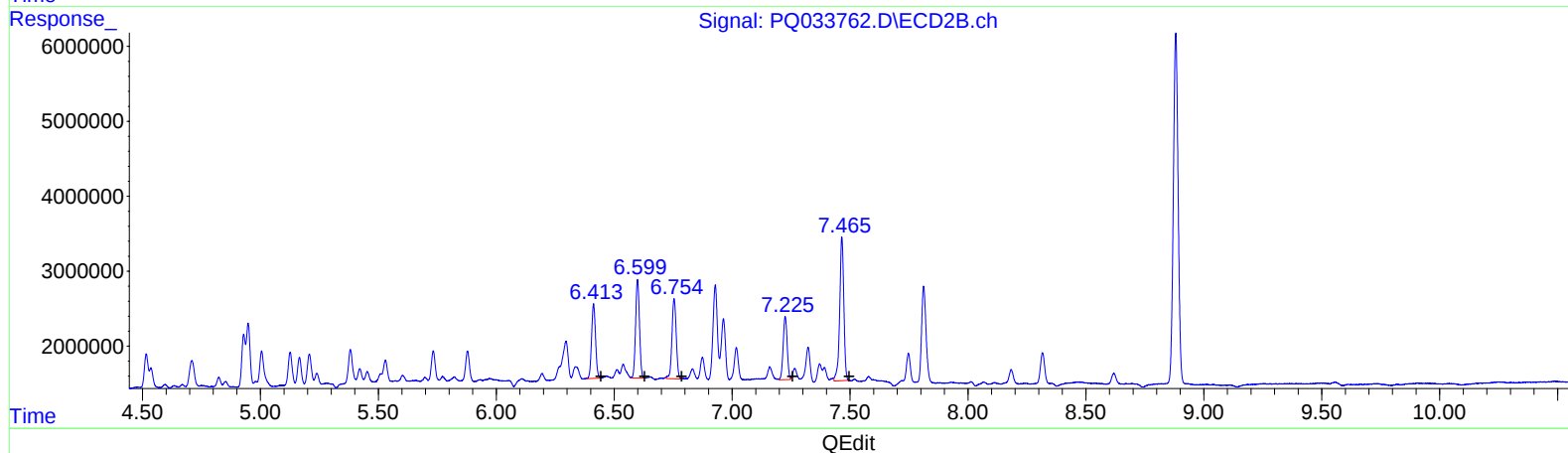
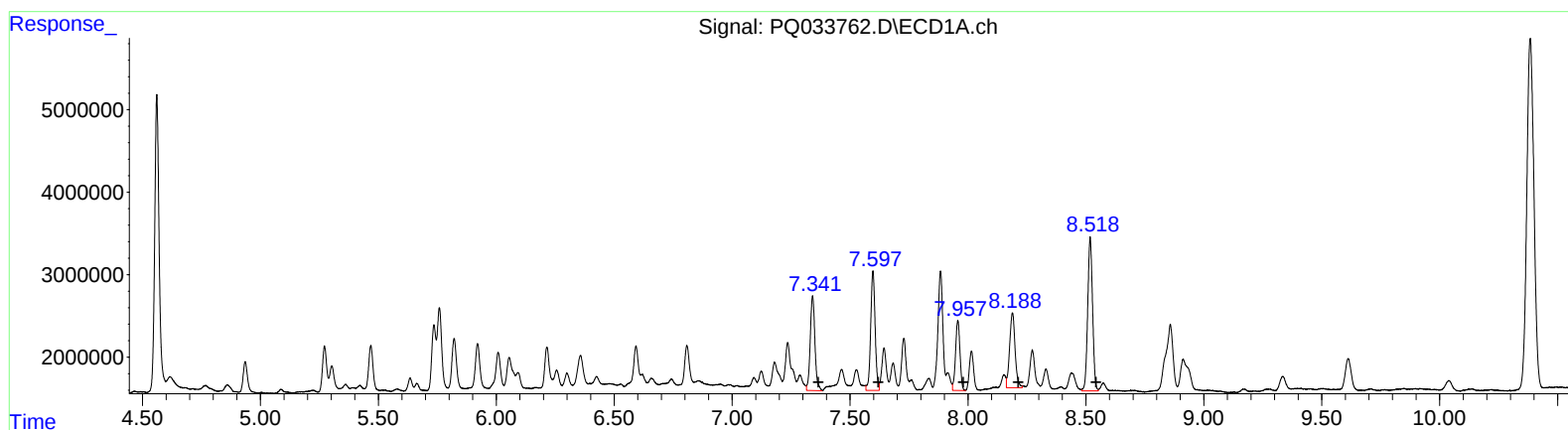
Instrument :  
ECD\_Q  
ClientSampled :  
ALCS70

Manual Integrations  
APPROVED

Sohil  
10/30/2018 9:11:17 AM

Integration File signal 1: autoint1.e  
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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



QEdit

| (31) AR-1260-1 #2 (L7) | R.T. | Response | Conc   |
|------------------------|------|----------|--------|
|                        | 7.34 | 15876291 | 148.44 |
|                        | 7.60 | 19014202 | 150.58 |
|                        | 7.96 | 11111680 | 142.66 |
|                        | 8.19 | 14674506 | 144.97 |
|                        | 8.52 | 26605416 | 140.90 |

| (31) AR-1260-1 #2 (L7) | R.T. | Response | Conc   |
|------------------------|------|----------|--------|
|                        | 6.41 | 11621238 | 123.73 |
|                        | 6.60 | 15074377 | 129.38 |
|                        | 6.75 | 13449404 | 124.71 |
|                        | 7.22 | 9953185  | 129.48 |
|                        | 7.46 | 23167946 | 120.59 |

## Quantitation Report (QT Reviewed)

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 Acq On : 27 Oct 2018 18:31  
 Operator : SM\SJ  
 Sample : PB114170BS  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 Client Sampled :  
 ALCS70

Manual Integrations  
 APPROVED

Sohil  
 10/30/2018 9:11:17 AM

Integration File signal 1: autoint1.e  
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 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...          | 4.561  | 3.838 | 45827787 | 31787956 | 22.339    | 20.438m>  |
| 2) SA Decachlor...          | 10.384 | 8.881 | 89629440 | 65616338 | 47.416m>  | 40.817m>  |
| Target Compounds            |        |       |          |          |           |           |
| 3) L1 AR-1016-1             | 5.735  | 4.929 | 9138807  | 6644516  | 131.249m> | 116.066m> |
| 4) L1 AR-1016-2             | 5.758  | 4.948 | 13400974 | 9643878  | 130.096m> | 121.027m> |
| 5) L1 AR-1016-3             | 5.821  | 5.127 | 8499991  | 5192835  | 135.745m> | 125.188m> |
| 6) L1 AR-1016-4             | 5.920  | 5.165 | 7438663  | 4246846  | 147.179m> | 123.945m> |
| 7) L1 AR-1016-5             | 6.214  | 5.381 | 6407590  | 5498330  | 124.345m> | 120.337m> |
| 31) L7 AR-1260-1            | 7.341  | 6.413 | 15876291 | 11621238 | 148.436   | 123.730m> |
| 32) L7 AR-1260-2            | 7.597  | 6.599 | 19014202 | 15074377 | 150.577   | 129.382m> |
| 33) L7 AR-1260-3            | 7.957  | 6.754 | 11111680 | 13449404 | 142.656   | 124.713   |
| 34) L7 AR-1260-4            | 8.188  | 7.225 | 14674506 | 9953185  | 144.966m> | 129.482m> |
| 35) L7 AR-1260-5            | 8.518  | 7.465 | 26605416 | 23167946 | 140.898   | 120.592m> |
| -----                       |        |       |          |          |           |           |

8/10/30/18

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