

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR031320\  
Data File : PR044990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2020 22:53  
Operator : AJ\MA  
Sample : L1855-16  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

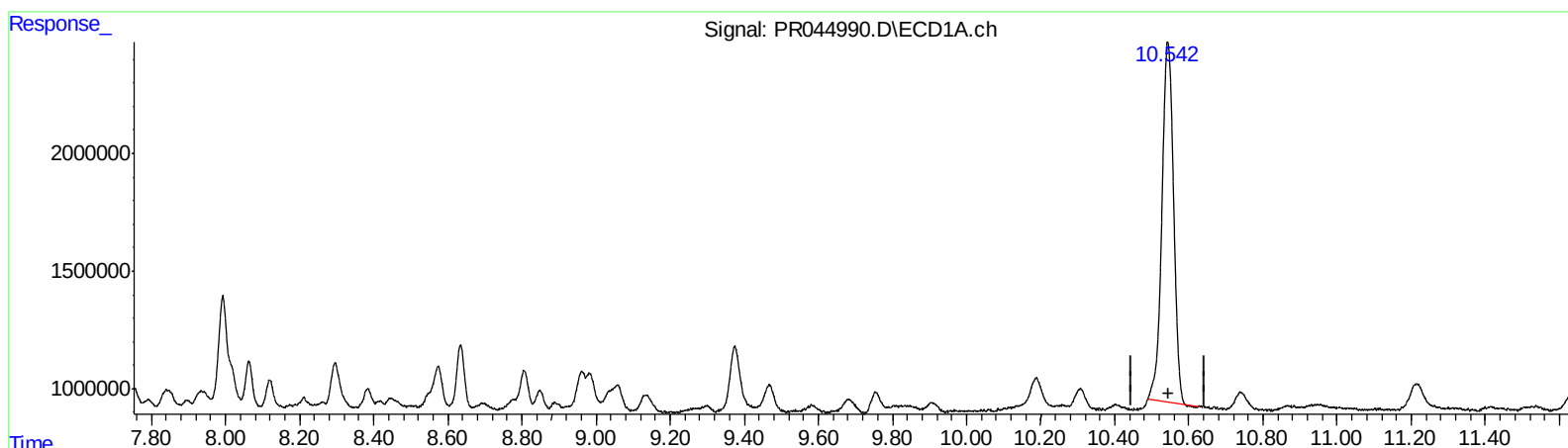
Instrument :  
ECD\_R  
ClientSampleId :  
P001-CG50-W1-0006-01

Manual Integrations  
APPROVED

Sohil  
3/16/2020 4:53:10 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 03:55:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR031220CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 13 12:07:27 2020  
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



(2) Decachlorobiphenyl (SA)

10.543min 23.451 ng/ml

response 33456089

(2) Decachlorobiphenyl #2 (SA)

9.002min 19.509 ng/ml

response 238978972

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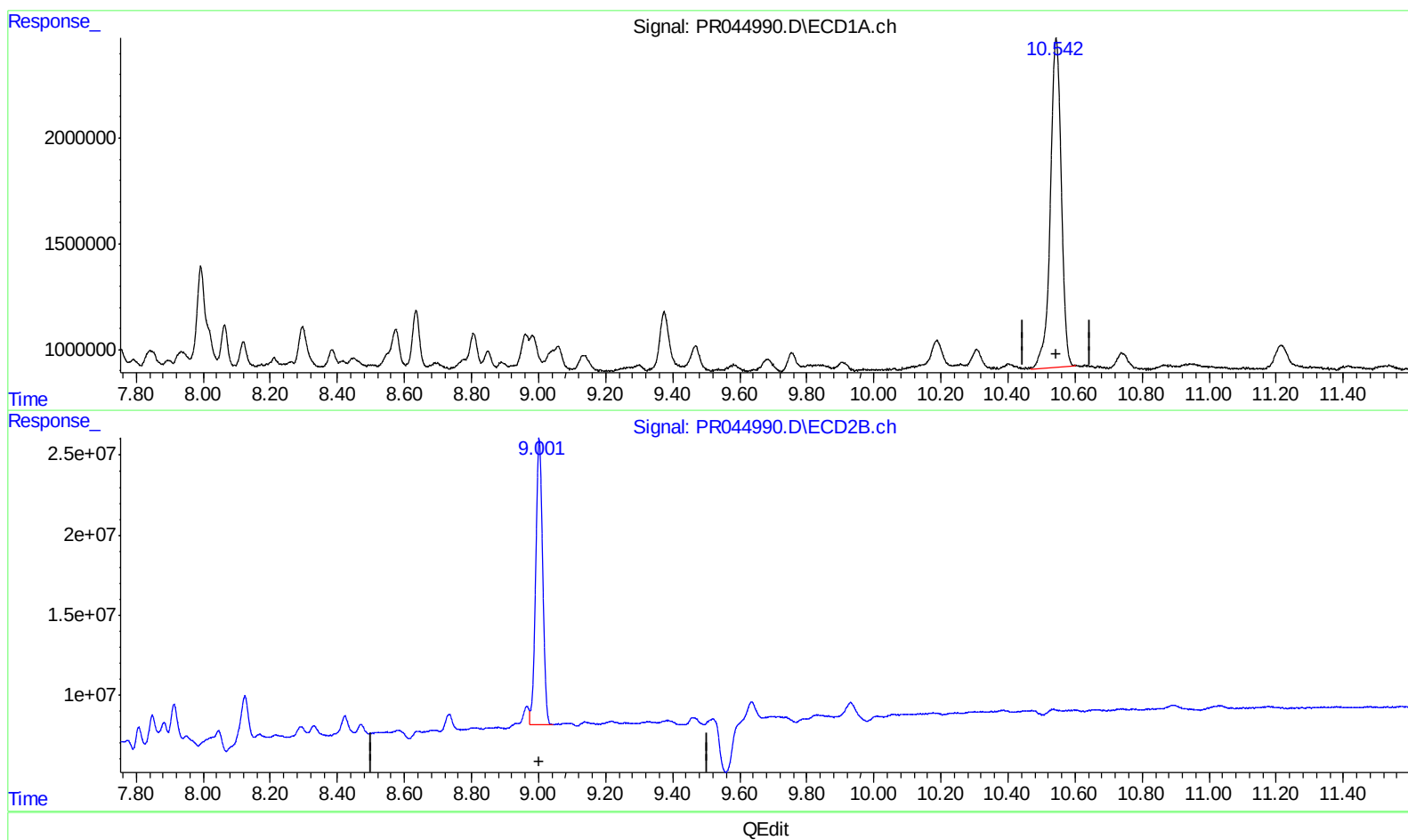
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(2) Decachlorobiphenyl (SA)

10.542min 24.803 ng/ml m

response 35385659

(2) Decachlorobiphenyl #2 (SA)

9.001min 21.000 ng/ml m

response 257233843

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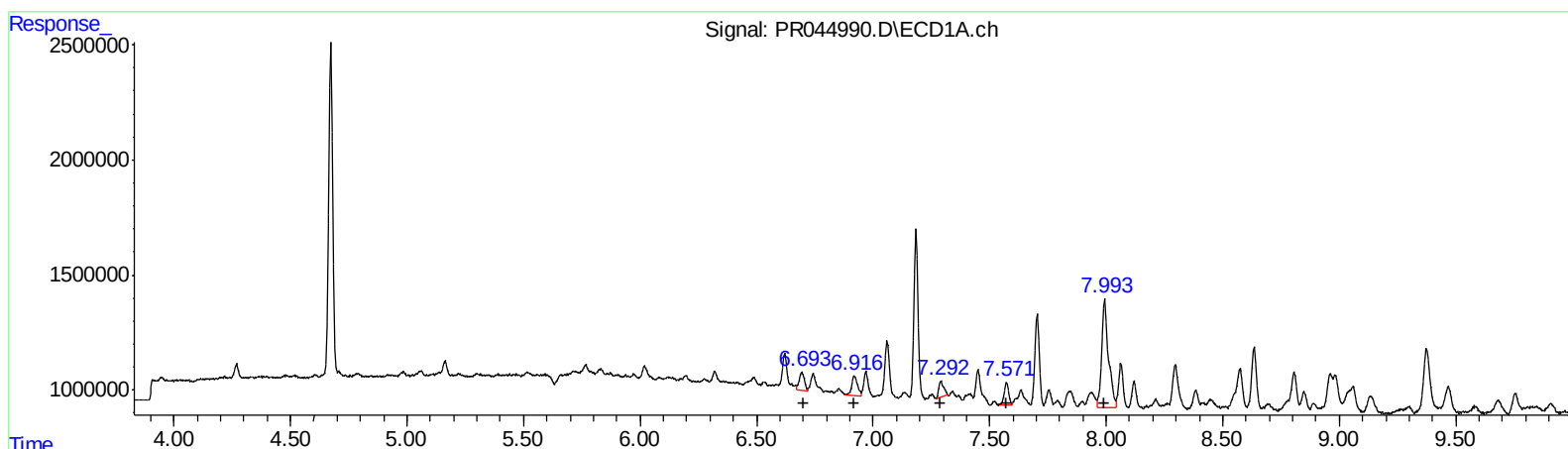
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 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



(26) AR-1254-1 (L6)

| R.T. | Response | Conc   |
|------|----------|--------|
| 6.69 | 1215621  | 19.65  |
| 6.92 | 1424953  | 14.73  |
| 7.29 | 992520   | 9.68   |
| 7.57 | 1338075  | 15.99  |
| 7.99 | 9426550  | 108.53 |

(26) AR-1254-1 #2 (L6)

| R.T. | Response | Conc  |
|------|----------|-------|
| 5.83 | 32343026 | 42.99 |
| 5.98 | 6096578  | 9.03  |
| 6.38 | 33671621 | 30.04 |
| 6.61 | 22700529 | 27.15 |
| 7.03 | 76087005 | 73.18 |

QEdit

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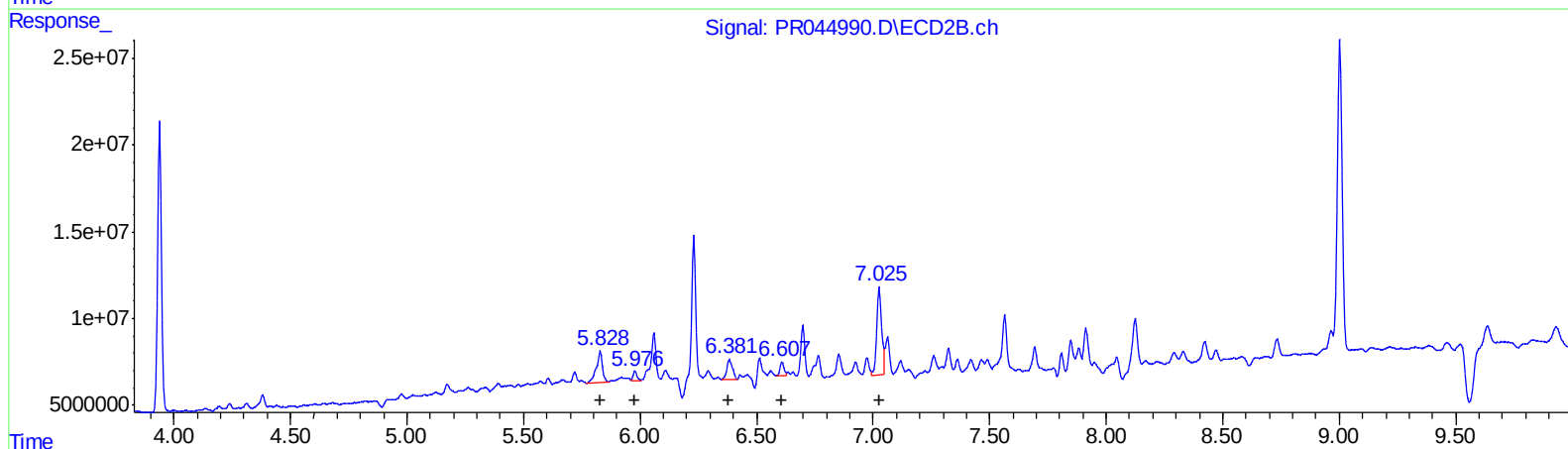
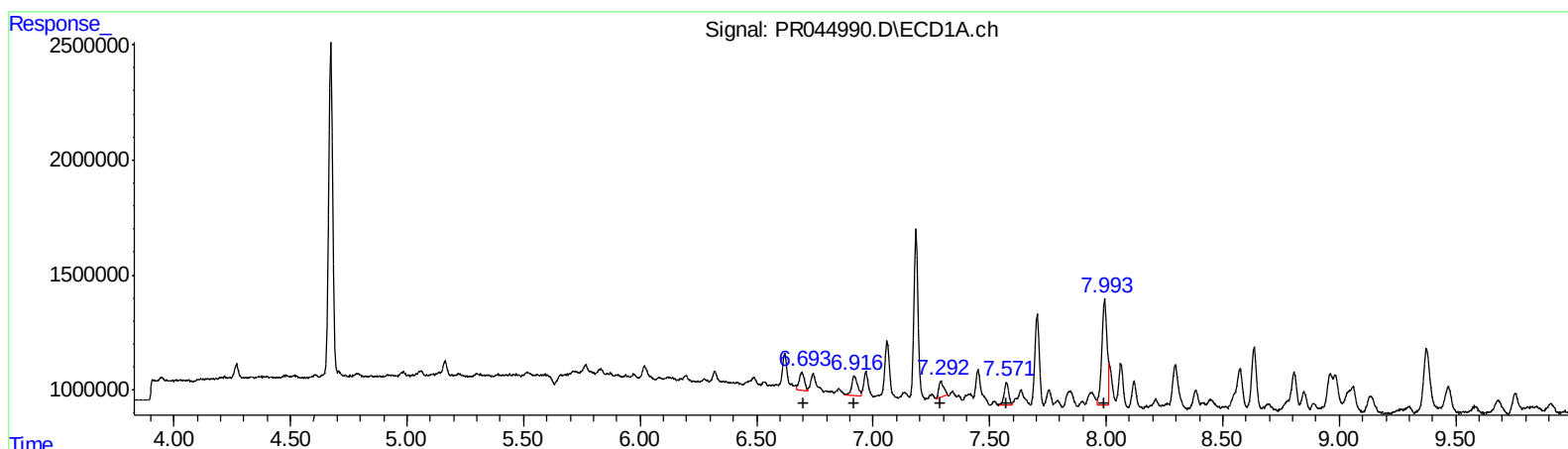
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 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



QEdit

(26) AR-1254-1 (L6)  
 R.T. Response Conc  
 6.69 1215621 19.65  
 6.92 1424953 14.73  
 7.29 992520 9.68  
 7.57 1338075 15.99  
 7.99 7256539 83.55  
 (26) AR-1254-1 #2 (L6)  
 R.T. Response Conc  
 5.83 32343026 42.99  
 5.98 6096578 9.03  
 6.38 20518946 18.30  
 6.61 9807050 11.73  
 7.03 76087005 73.18

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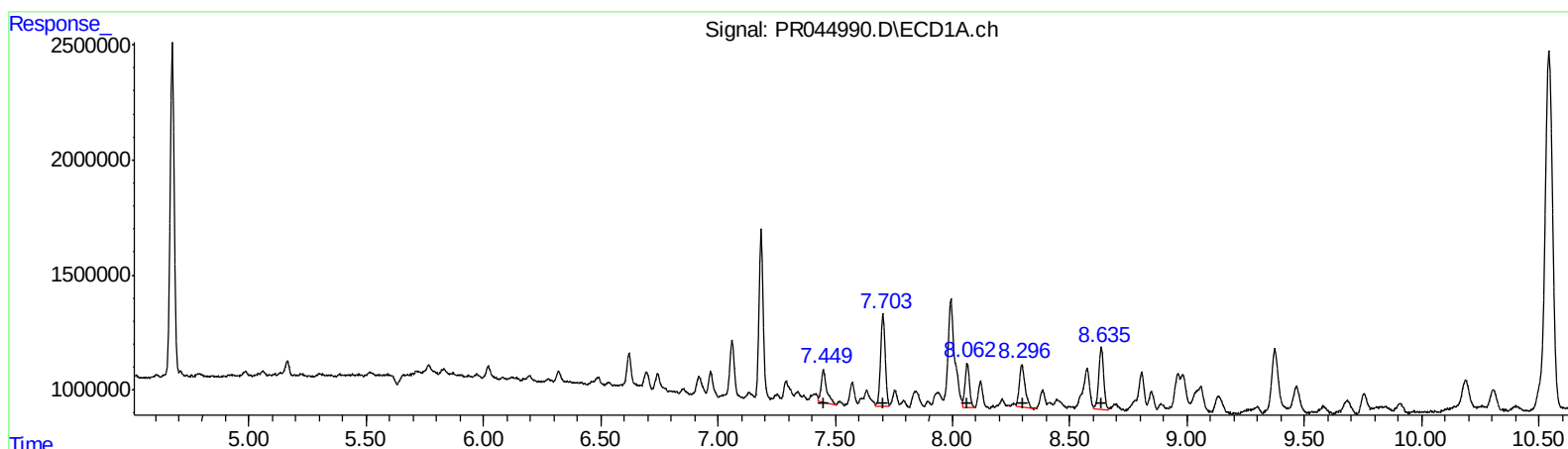
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



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

| R.T. | Response | Conc  |
|------|----------|-------|
| 7.45 | 2241170  | 30.62 |
| 7.70 | 5467396  | 58.90 |
| 8.06 | 2598190  | 34.69 |
| 8.30 | 3107582  | 38.33 |
| 8.63 | 3975578  | 22.84 |

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

| R.T. | Response | Conc  |
|------|----------|-------|
| 6.51 | 30032339 | 40.99 |
| 6.70 | 46297025 | 42.89 |
| 6.85 | 28382228 | 32.69 |
| 7.32 | 25581746 | 33.41 |
| 7.56 | 73298852 | 32.20 |

(+) = Expected Retention Time

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Sample : L1855-16  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

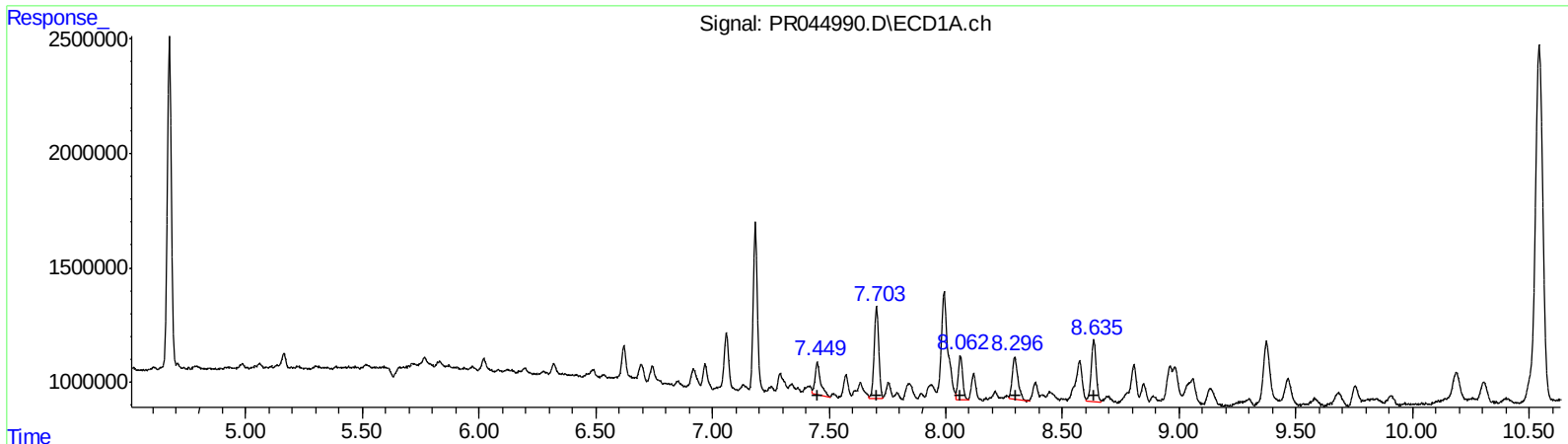
Instrument :  
ECD\_R  
ClientSampleId :  
P001-CG50-W1-0006-01

Manual Integrations  
APPROVED

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Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 13 12:07:27 2020  
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  
7.45 2241170 30.62  
7.70 5467396 58.90  
8.06 2598190 34.69  
8.30 3107582 38.33  
8.63 3975578 22.84

(31) AR-1260-1 #2 (L7)  
R.T. Response Conc  
6.51 16751456 22.86  
6.70 34534194 31.99  
6.85 17310173 19.94  
7.32 18147562 23.70  
7.56 43324006 19.03

(+) = Expected Retention Time

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 Acq On : 13 Mar 2020 22:53  
 Operator : AJ\MA  
 Sample : L1855-16  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 Client Sampled :  
 P001-CG50-W1-0006-01

Manual Integrations  
 APPROVED

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 3/16/2020 4:53:10 PM

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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...          | 4.673  | 3.938 | 17266971 | 188.5E6  | 11.933  | 11.465   |
| 2) SA Decachlor...          | 10.542 | 9.001 | 35385659 | 257.2E6  | 24.803m | 21.000m  |
| Target Compounds            |        |       |          |          |         |          |
| 26) L6 AR-1254-1            | 6.695  | 5.829 | 1215621  | 32343026 | 19.654  | 42.994 # |
| 27) L6 AR-1254-2            | 6.918  | 5.977 | 1424953  | 6096578  | 14.733  | 9.029 #  |
| 28) L6 AR-1254-3            | 7.291  | 6.381 | 992520   | 20518946 | 9.685   | 18.303m# |
| 29) L6 AR-1254-4            | 7.572  | 6.607 | 1338075  | 9807050  | 15.990  | 11.727m# |
| 30) L6 AR-1254-5            | 7.993  | 7.025 | 7256539  | 76087005 | 83.546m | 73.183   |
| 31) L7 AR-1260-1            | 7.449  | 6.512 | 2241170  | 16751456 | 30.621  | 22.863m# |
| 32) L7 AR-1260-2            | 7.703  | 6.698 | 5467396  | 34534194 | 58.897  | 31.989m# |
| 33) L7 AR-1260-3            | 8.063  | 6.851 | 2598190  | 17310173 | 34.686  | 19.936m# |
| 34) L7 AR-1260-4            | 8.296  | 7.322 | 3107582  | 18147562 | 38.335  | 23.703m# |
| 35) L7 AR-1260-5            | 8.635  | 7.564 | 3975578  | 43324006 | 22.841  | 19.031m  |
| -----                       |        |       |          |          |         |          |

3J  
 03/17/20

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