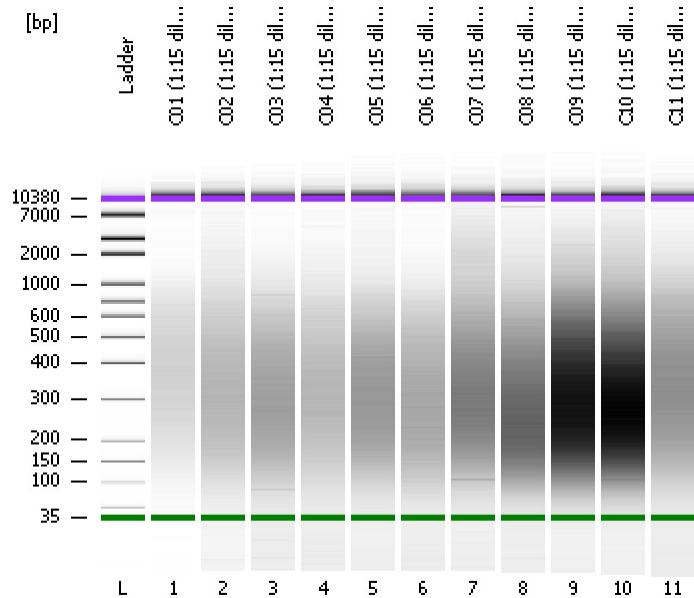


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
Modified: 12/18/2014 1:08:22 PM

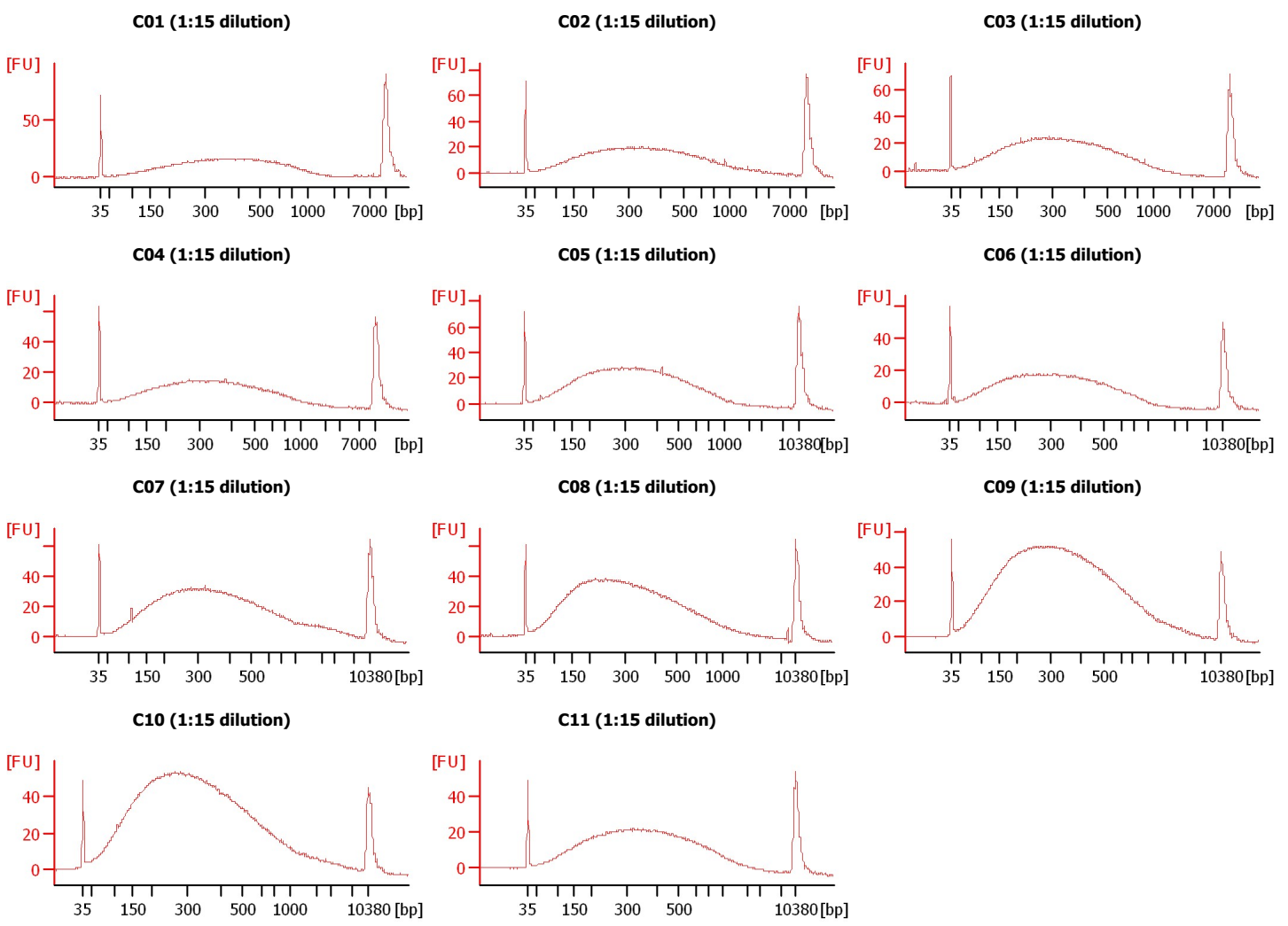
### Electrophoresis File Run Summary



**Instrument Information:**  
Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

**Assay Information:**  
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy  
Assay Class: High Sensitivity DNA Assay  
Version: 1.03  
Assay Comments: Copyright © 2003-2010 Agilent Technologies

**Chip Information:**  
Chip Lot #:      Reagent Kit Lot #:      Chip Comments:



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electrophoresis File Run Summary (Chip Summary)**

| Sample Name         | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|---------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| C01 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C02 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C03 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C04 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C05 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C06 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C07 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C08 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C09 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C10 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| C11 (1:15 dilution) |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder              |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
Modified: 12/18/2014 1:08:22 PM

**Electrophoresis Assay Details**

**General Analysis Settings**

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 32  
Maximum Visible Range [s] : 138  
Start Analysis Time Range [s] : 33  
End Analysis Time Range [s] : 137.5  
Ladder Concentration [pg/μl] : 1950  
Uses Standard Area for Ladder Fragments  
Lower Marker Concentration [pg/μl] : 125  
Upper Marker Concentration [pg/μl] : 75  
Used Upper Marker for Quantitation  
Standard Curve Fit is Point to Point  
Show Data Aligned to Lower and Upper Marker

**Integrator Settings**

Integration Start Time [s] : 33.05  
Integration End Time [s] : 137  
Slope Threshold : 0.8  
Height Threshold [FU] : 5  
Area Threshold : 0.1  
Width Threshold [s] : 0.6  
Baseline Plateau [s] : 0.5

**Filter Settings**

Filter Width [s] : 0.5  
Polynomial Order : 4

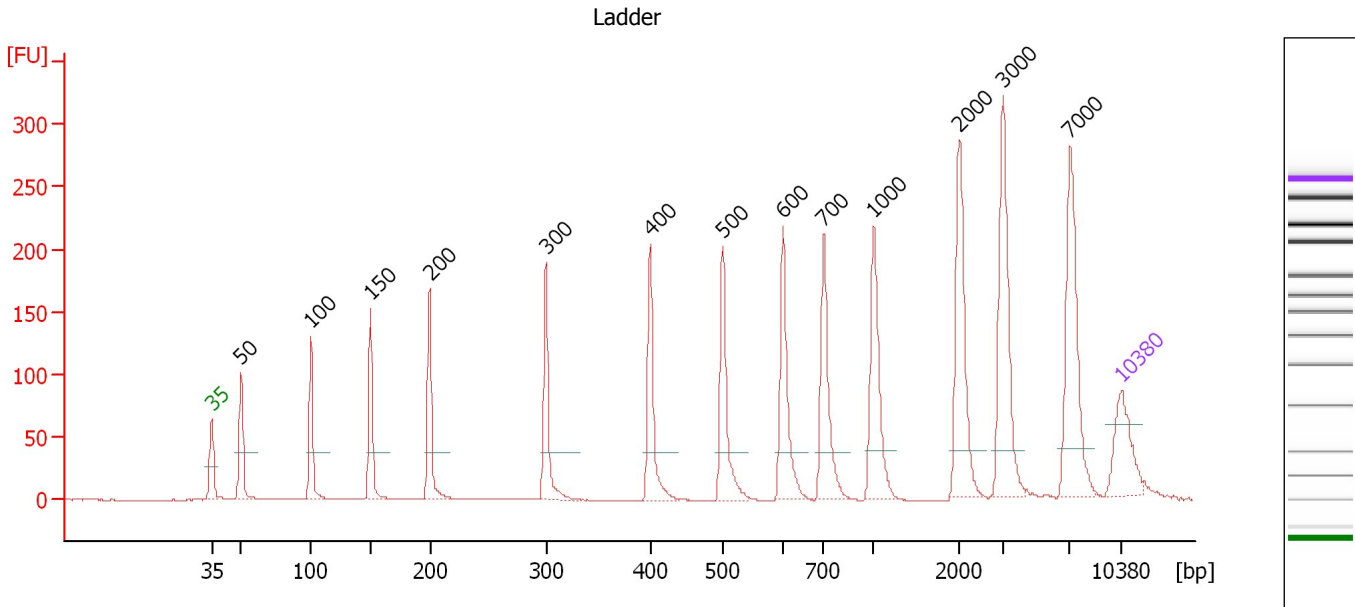
**Ladder**

| Ladder Peak | Size  | Area |
|-------------|-------|------|
| 1           | 35    | 160  |
| 2           | 50    | 210  |
| 3           | 100   | 208  |
| 4           | 150   | 221  |
| 5           | 200   | 242  |
| 6           | 300   | 270  |
| 7           | 400   | 305  |
| 8           | 500   | 306  |
| 9           | 600   | 336  |
| 10          | 700   | 321  |
| 11          | 1000  | 366  |
| 12          | 2000  | 413  |
| 13          | 3000  | 411  |
| 14          | 7000  | 400  |
| 15          | 10380 | 214  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

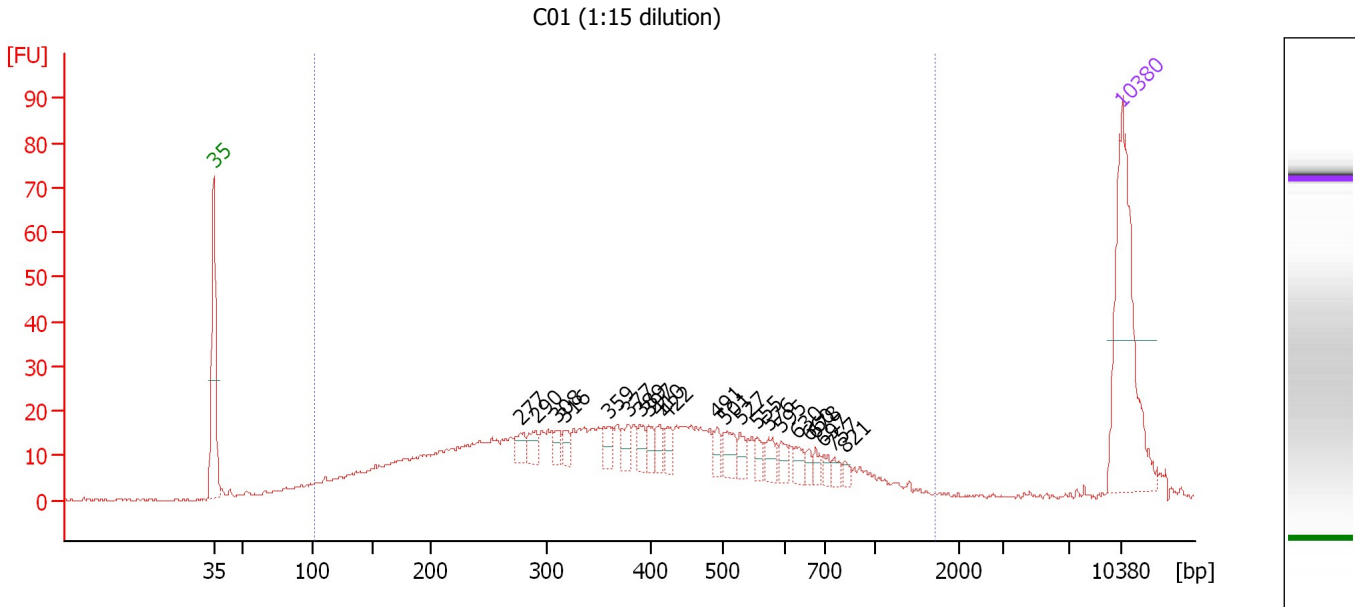
**Peak table for Ladder**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 50        | 150.00        | 4,545.5           | Ladder Peak  | 45.26                      |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  | 50.63                      |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  | 55.22                      |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  | 59.77                      |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  | 68.71                      |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  | 76.75                      |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  | 82.33                      |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  | 86.96                      |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  | 90.08                      |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  | 93.93                      |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  | 100.53                     |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  | 103.86                     |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  | 109.02                     |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : C01 (1:15 dilution)**

Number of peaks found: 22                      Corr. Area 1: 785.6  
 Noise: 0.4

**Peak table for sample 1 : C01 (1:15 dilution)**


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 277       | 9.55          | 52.2              |              | 66.68                      |
| 3    | 290       | 9.87          | 51.5              |              | 67.83                      |
| 4    | 308       | 7.78          | 38.2              |              | 69.39                      |
| 5    | 316       | 7.27          | 34.8              |              | 70.01                      |
| 6    | 359       | 10.91         | 46.1              |              | 73.46                      |
| 7    | 377       | 8.95          | 35.9              |              | 74.94                      |
| 8    | 389       | 8.00          | 31.2              |              | 75.88                      |
| 9    | 397       | 6.83          | 26.0              |              | 76.54                      |
| 10   | 410       | 8.37          | 30.9              |              | 77.32                      |
| 11   | 422       | 8.25          | 29.6              |              | 77.98                      |
| 12   | 491       | 7.05          | 21.8              |              | 81.84                      |
| 13   | 501       | 12.03         | 36.4              |              | 82.38                      |
| 14   | 527       | 7.32          | 21.1              |              | 83.57                      |
| 15   | 555       | 5.24          | 14.3              |              | 84.88                      |
| 16   | 576       | 8.20          | 21.6              |              | 85.83                      |
| 17   | 595       | 5.99          | 15.2              |              | 86.73                      |
| 18   | 630       | 6.27          | 15.1              |              | 87.89                      |
| 19   | 660       | 3.66          | 8.4               |              | 88.83                      |
| 20   | 678       | 4.60          | 10.3              |              | 89.41                      |
| 21   | 697       | 4.14          | 9.0               |              | 89.98                      |
| 22   | 757       | 4.21          | 8.4               |              | 90.80                      |
| 23   | 821       | 3.26          | 6.0               |              | 91.63                      |
| 24   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**

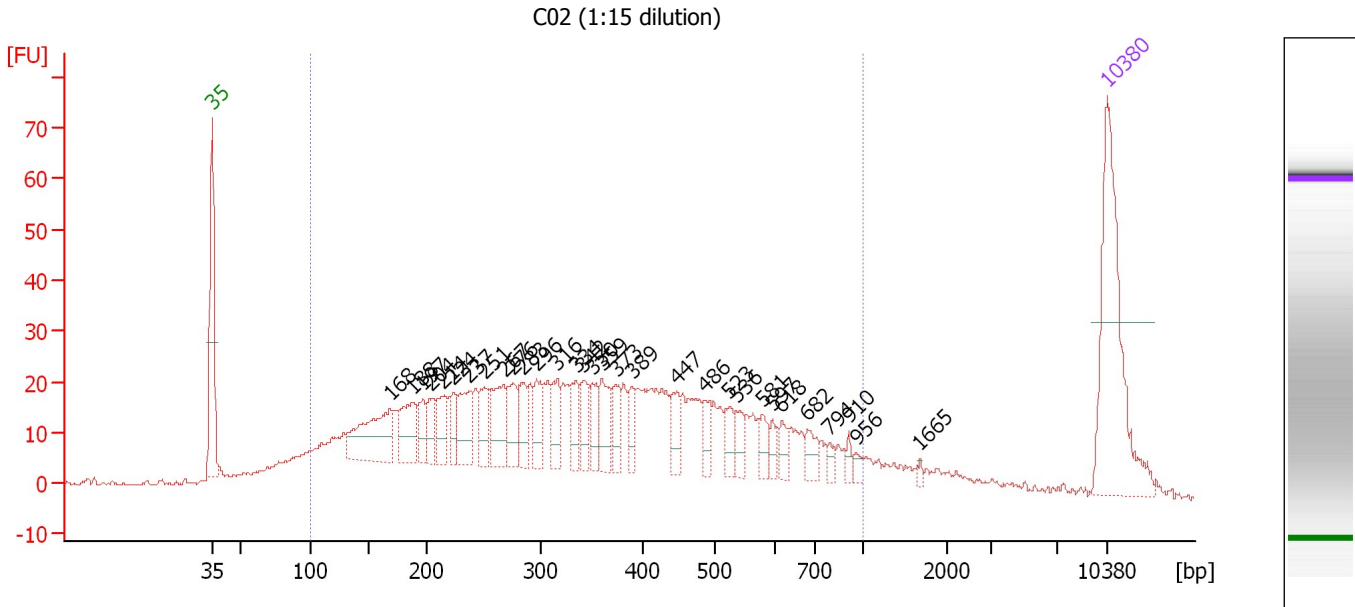
... Region table for sample 1 : C01 (1:15 dilution)

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------------|-------------------|---|
| 101       | 412               | 1,709   | 785.6      | 94         | 53.4                        | 729.82              | 3,930.0           |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : C02 (1:15 dilution)**

Number of peaks found: 31                      Corr. Area 1: 1,078.3  
 Noise: 0.5

**Peak table for sample 2 : C02 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 168       | 60.94         | 548.7             |              | 56.88                      |
| 3    | 188       | 33.72         | 272.5             |              | 58.63                      |
| 4    | 197       | 14.11         | 108.7             |              | 59.47                      |
| 5    | 204       | 16.46         | 122.2             |              | 60.14                      |
| 6    | 214       | 22.09         | 156.5             |              | 61.01                      |
| 7    | 224       | 13.98         | 94.7              |              | 61.89                      |
| 8    | 237       | 28.75         | 183.7             |              | 63.10                      |
| 9    | 251       | 18.69         | 113.0             |              | 64.30                      |
| 10   | 267       | 33.37         | 189.0             |              | 65.81                      |
| 11   | 276       | 22.91         | 125.8             |              | 66.56                      |
| 12   | 283       | 18.61         | 99.5              |              | 67.22                      |
| 13   | 296       | 18.53         | 94.9              |              | 68.35                      |
| 14   | 316       | 18.84         | 90.3              |              | 70.02                      |
| 15   | 334       | 17.09         | 77.4              |              | 71.48                      |
| 16   | 342       | 18.00         | 79.8              |              | 72.06                      |
| 17   | 350       | 14.45         | 62.5              |              | 72.77                      |
| 18   | 359       | 22.63         | 95.4              |              | 73.48                      |
| 19   | 373       | 14.54         | 59.0              |              | 74.60                      |
| 20   | 389       | 11.16         | 43.5              |              | 75.85                      |
| 21   | 447       | 13.94         | 47.2              |              | 79.40                      |
| 22   | 486       | 10.36         | 32.3              |              | 81.52                      |
| 23   | 523       | 12.01         | 34.8              |              | 83.40                      |
| 24   | 536       | 9.74          | 27.6              |              | 83.98                      |
| 25   | 581       | 8.68          | 22.6              |              | 86.07                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**

**... Peak table for sample 2 : C02 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 597       | 5.67          | 14.4              |              | 86.82                      |
| 27   | 618       | 7.32          | 17.9              |              | 87.53                      |
| 28   | 682       | 10.27         | 22.8              |              | 89.53                      |
| 29   | 794       | 4.35          | 8.3               |              | 91.28                      |
| 30   | 910       | 3.64          | 6.1               |              | 92.78                      |
| 31   | 956       | 3.44          | 5.5               |              | 93.36                      |
| 32   | 1,665     | 1.74          | 1.6               |              | 98.32                      |
| 33   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

**Region table for sample 2 : C02 (1:15 dilution)**

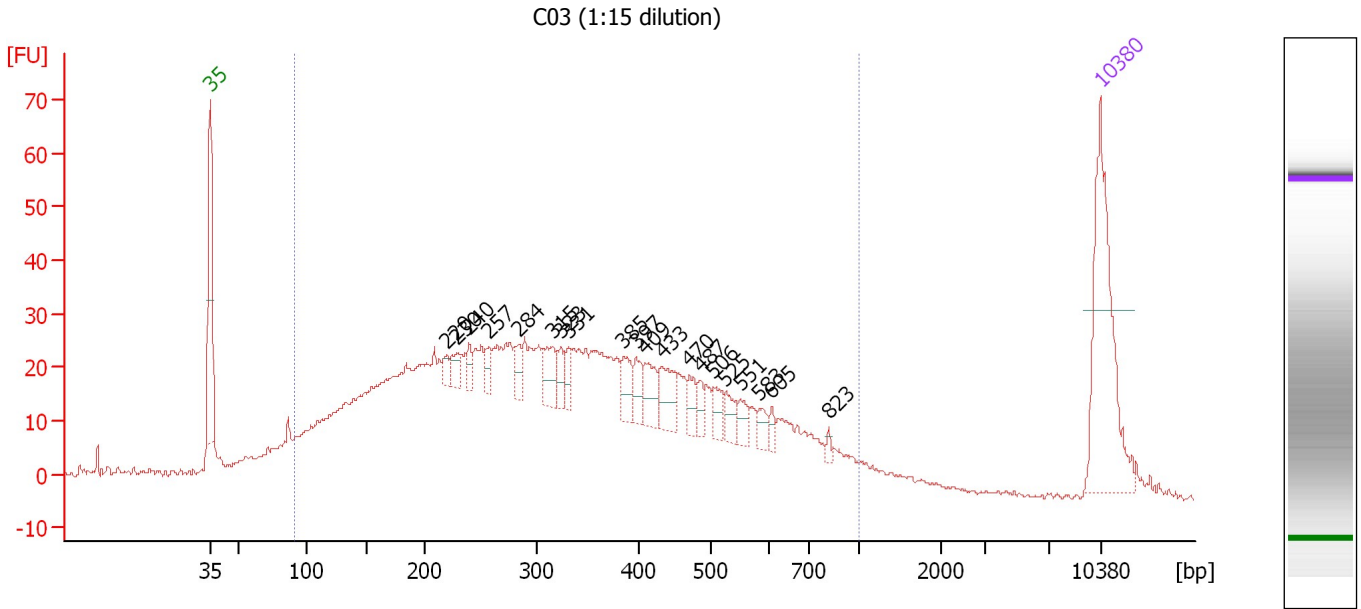
| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color                               |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------------------------------------|
| 100       | 369               | 1,000   | 1,078.3    | 89         | 48.1                        | 1,059.77      | 6,248.7           | <span style="color: blue;">■</span> |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : C03 (1:15 dilution)**

Number of peaks found: 20                      Corr. Area 1: 1,316.8  
 Noise: 0.5

**Peak table for sample 3 : C03 (1:15 dilution)**


| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 220       | 6.51          | 44.9              |              | 61.54                      |
| 3    | 230       | 11.91         | 78.6              |              | 62.42                      |
| 4    | 240       | 8.46          | 53.5              |              | 63.34                      |
| 5    | 257       | 9.15          | 53.9              |              | 64.89                      |
| 6    | 284       | 11.64         | 62.2              |              | 67.24                      |
| 7    | 315       | 20.12         | 96.9              |              | 69.88                      |
| 8    | 323       | 10.76         | 50.5              |              | 70.56                      |
| 9    | 331       | 10.15         | 46.5              |              | 71.18                      |
| 10   | 385       | 16.09         | 63.4              |              | 75.50                      |
| 11   | 397       | 11.61         | 44.4              |              | 76.47                      |
| 12   | 409       | 18.23         | 67.6              |              | 77.22                      |
| 13   | 433       | 21.14         | 74.1              |              | 78.57                      |
| 14   | 470       | 10.36         | 33.4              |              | 80.66                      |
| 15   | 487       | 7.67          | 23.9              |              | 81.59                      |
| 16   | 506       | 10.63         | 31.9              |              | 82.59                      |
| 17   | 525       | 9.68          | 28.0              |              | 83.47                      |
| 18   | 551       | 7.97          | 21.9              |              | 84.69                      |
| 19   | 583       | 7.15          | 18.6              |              | 86.16                      |
| 20   | 605       | 4.12          | 10.3              |              | 87.12                      |
| 21   | 823       | 2.27          | 4.2               |              | 91.65                      |
| 22   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**

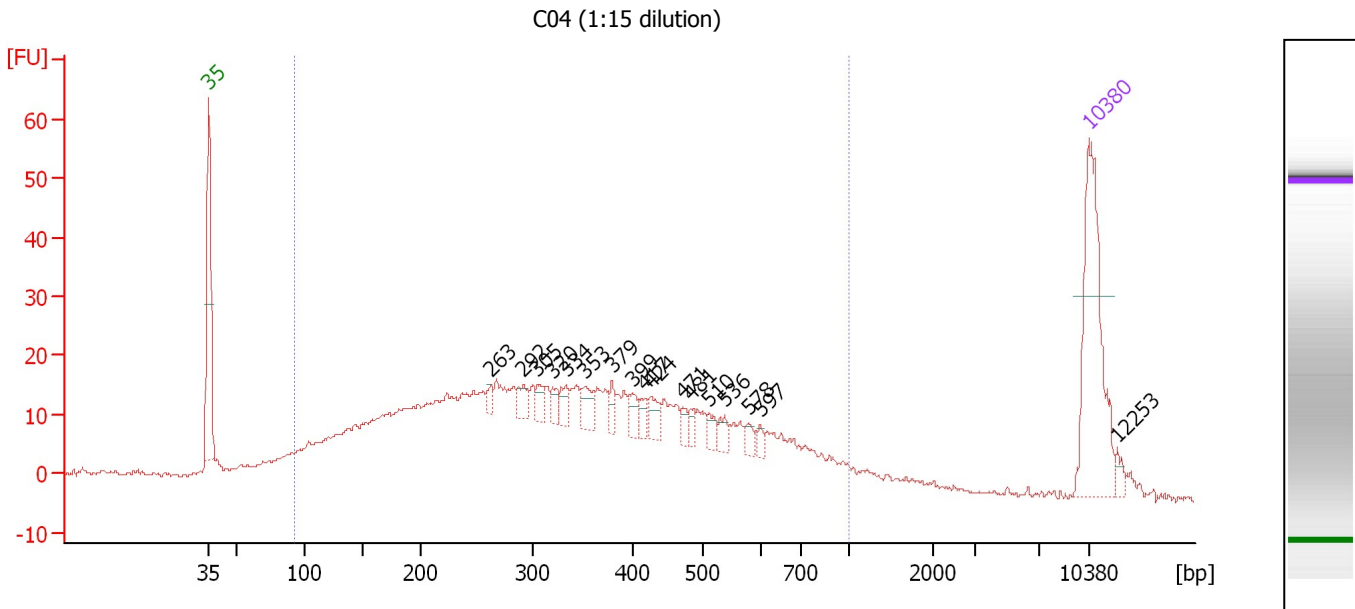
... Region table for sample 3 : C03 (1:15 dilution)

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/ $\mu$ l] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------------|-------------------|---|
| 91        | 350               | 1,000   | 1,316.8    | 90         | 48.2                        | 1,517.70            | 9,507.4           |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : C04 (1:15 dilution)**

Number of peaks found: 17                      Corr. Area 1: 780.1  
 Noise: 0.3

**Peak table for sample 4 : C04 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 263       | 5.35          | 30.8              |              | 65.43                      |
| 3    | 292       | 9.03          | 46.8              |              | 68.02                      |
| 4    | 305       | 8.35          | 41.5              |              | 69.12                      |
| 5    | 320       | 7.93          | 37.6              |              | 70.30                      |
| 6    | 334       | 9.79          | 44.5              |              | 71.41                      |
| 7    | 353       | 12.69         | 54.5              |              | 72.93                      |
| 8    | 379       | 7.30          | 29.2              |              | 75.05                      |
| 9    | 399       | 8.74          | 33.2              |              | 76.71                      |
| 10   | 417       | 6.39          | 23.2              |              | 77.72                      |
| 11   | 424       | 11.22         | 40.1              |              | 78.11                      |
| 12   | 471       | 5.70          | 18.4              |              | 80.69                      |
| 13   | 481       | 5.69          | 17.9              |              | 81.29                      |
| 14   | 510       | 6.70          | 19.9              |              | 82.77                      |
| 15   | 536       | 7.03          | 19.9              |              | 84.00                      |
| 16   | 578       | 5.15          | 13.5              |              | 85.95                      |
| 17   | 597       | 3.51          | 8.9               |              | 86.84                      |
| 18   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 19   | 12,253    | 0.00          | 0.0               |              | 115.20                     |

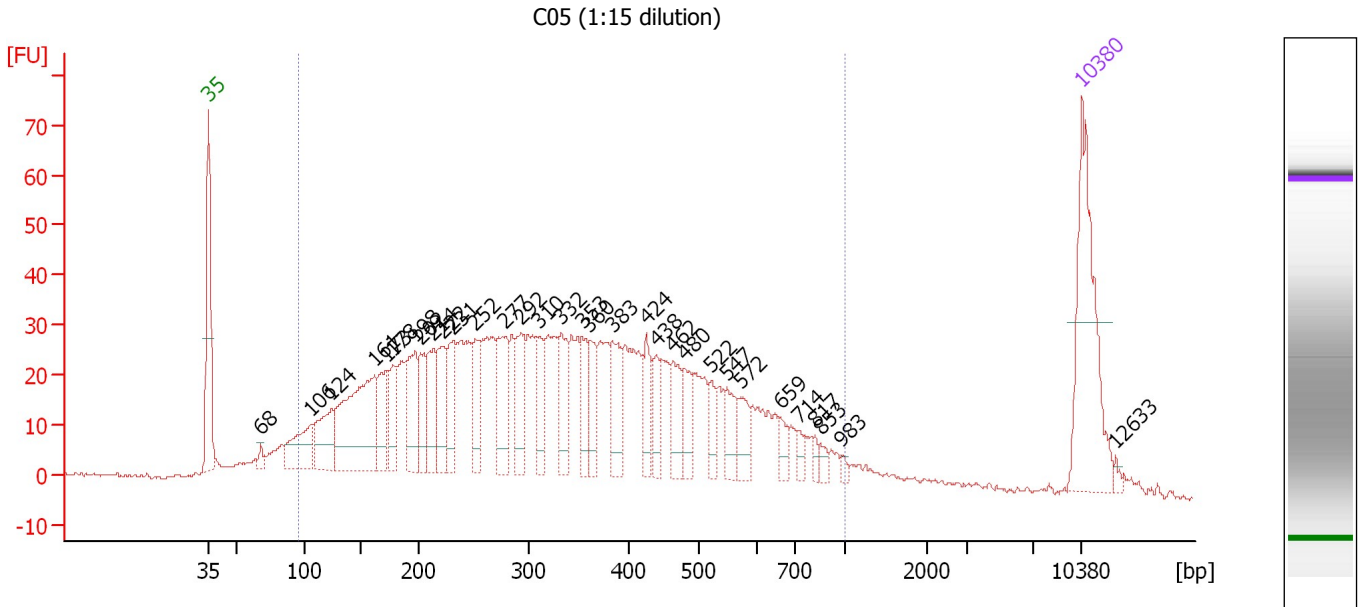
**Region table for sample 4 : C04 (1:15 dilution)**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 93        | 362               | 1,000   | 780.1      | 93         | 47.0                        | 1,053.72      | 6,289.5           | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : C05 (1:15 dilution)**

Number of peaks found: 32                      Corr. Area 1: 1,480.6  
 Noise: 0.4

**Peak table for sample 5 : C05 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 68        | 5.47          | 122.6             |              | 47.15                      |
| 3    | 106       | 44.31         | 634.0             |              | 51.17                      |
| 4    | 124       | 47.15         | 576.0             |              | 52.84                      |
| 5    | 161       | 126.77        | 1,190.3           |              | 56.26                      |
| 6    | 173       | 37.00         | 324.7             |              | 57.28                      |
| 7    | 178       | 28.43         | 241.6             |              | 57.80                      |
| 8    | 198       | 48.45         | 371.6             |              | 59.55                      |
| 9    | 202       | 31.70         | 237.4             |              | 59.98                      |
| 10   | 214       | 35.87         | 254.2             |              | 61.00                      |
| 11   | 222       | 40.45         | 276.2             |              | 61.73                      |
| 12   | 231       | 34.42         | 225.8             |              | 62.54                      |
| 13   | 252       | 29.45         | 177.4             |              | 64.38                      |
| 14   | 277       | 46.34         | 253.1             |              | 66.69                      |
| 15   | 292       | 39.66         | 205.6             |              | 68.02                      |
| 16   | 310       | 26.30         | 128.6             |              | 69.51                      |
| 17   | 332       | 32.17         | 146.9             |              | 71.27                      |
| 18   | 353       | 25.34         | 108.9             |              | 72.93                      |
| 19   | 360       | 22.74         | 95.7              |              | 73.53                      |
| 20   | 383       | 33.42         | 132.3             |              | 75.37                      |
| 21   | 424       | 20.85         | 74.6              |              | 78.06                      |
| 22   | 438       | 16.67         | 57.7              |              | 78.88                      |
| 23   | 462       | 26.22         | 86.0              |              | 80.20                      |
| 24   | 480       | 20.06         | 63.4              |              | 81.19                      |
| 25   | 522       | 12.27         | 35.6              |              | 83.32                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad


Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

### Electropherogram Summary Continued ...

#### ... Peak table for sample 5 : C05 (1:15 dilution)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 547       | 20.33         | 56.3              |              | 84.52                      |
| 27   | 572       | 16.76         | 44.4              |              | 85.68                      |
| 28   | 659       | 8.90          | 20.5              |              | 88.80                      |
| 29   | 714       | 5.95          | 12.6              |              | 90.25                      |
| 30   | 817       | 4.57          | 8.5               |              | 91.58                      |
| 31   | 853       | 5.01          | 8.9               |              | 92.05                      |
| 32   | 983       | 2.45          | 3.8               |              | 93.71                      |
| 33   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 34   | 12,633    | 0.00          | 0.0               |              | 115.65                     |

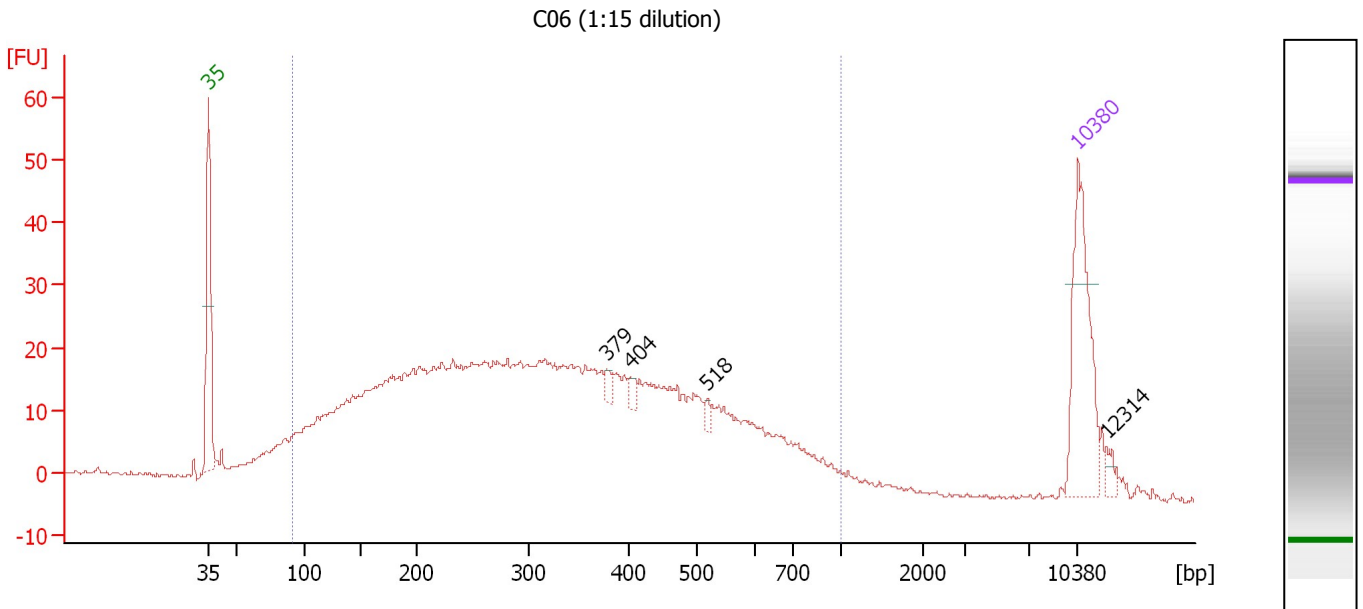
#### Region table for sample 5 : C05 (1:15 dilution)

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|---|
| 96        | 354               | 1,000   | 1,480.6    | 92         | 47.3                        | 1,583.06      | 9,612.4           |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : C06 (1:15 dilution)**

Number of peaks found: 4                      Corr. Area 1: 990.7  
 Noise: 0.3

**Peak table for sample 6 : C06 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 379       | 6.38          | 25.5              |              | 75.04                      |
| 3    | 404       | 7.38          | 27.7              |              | 76.97                      |
| 4    | 518       | 4.56          | 13.4              |              | 83.15                      |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 6    | 12,314    | 0.00          | 0.0               |              | 115.28                     |

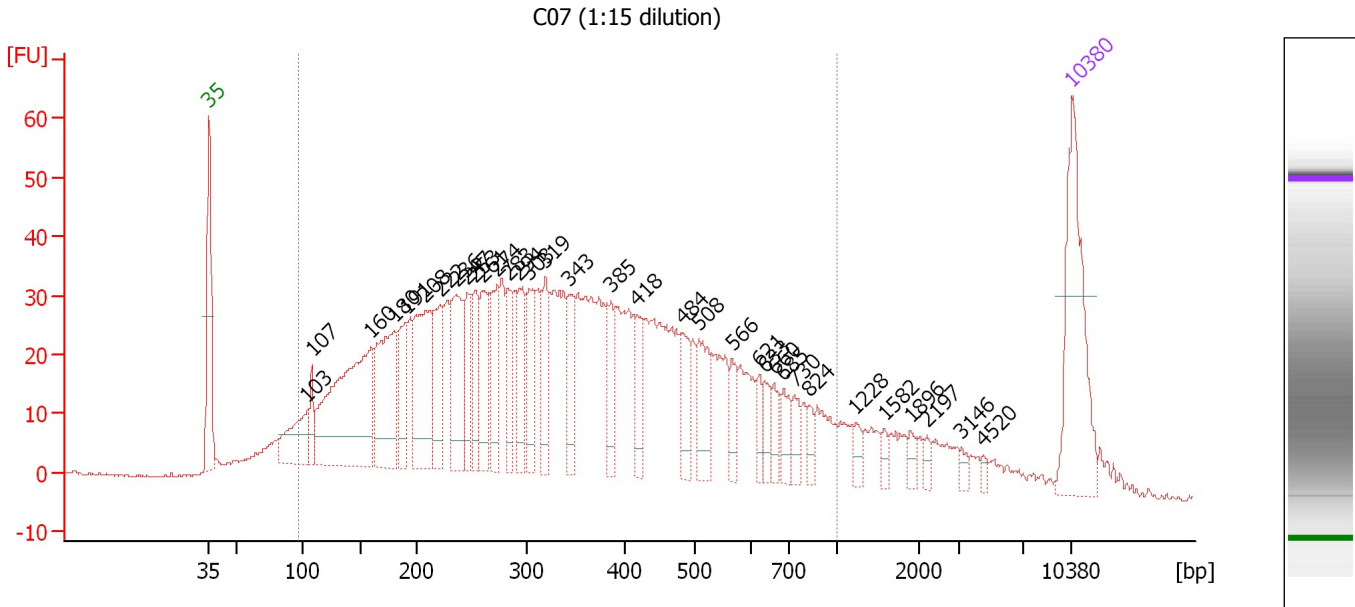
**Region table for sample 6 : C06 (1:15 dilution)**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 92        | 343               | 1,000   | 990.7      | 92         | 48.2                        | 1,591.66      | 10,138.6          | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : C07 (1:15 dilution)**

Number of peaks found: 34                      Corr. Area 1: 1,626.3  
 Noise: 0.2

**Peak table for sample 7 : C07 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 103       | 52.07         | 764.8             |              | 50.92                      |
| 3    | 107       | 20.98         | 296.1             |              | 51.31                      |
| 4    | 160       | 194.90        | 1,842.9           |              | 56.15                      |
| 5    | 180       | 99.56         | 837.2             |              | 57.97                      |
| 6    | 191       | 43.86         | 348.6             |              | 58.92                      |
| 7    | 208       | 96.27         | 700.0             |              | 60.52                      |
| 8    | 222       | 51.01         | 348.2             |              | 61.73                      |
| 9    | 236       | 68.89         | 442.3             |              | 62.99                      |
| 10   | 247       | 35.46         | 217.9             |              | 63.94                      |
| 11   | 253       | 35.43         | 211.9             |              | 64.55                      |
| 12   | 261       | 48.36         | 281.1             |              | 65.19                      |
| 13   | 274       | 37.08         | 205.3             |              | 66.36                      |
| 14   | 283       | 33.58         | 179.5             |              | 67.23                      |
| 15   | 294       | 40.42         | 208.6             |              | 68.14                      |
| 16   | 303       | 39.53         | 197.6             |              | 68.96                      |
| 17   | 319       | 34.26         | 162.9             |              | 70.21                      |
| 18   | 343       | 35.20         | 155.5             |              | 72.16                      |
| 19   | 385       | 24.81         | 97.5              |              | 75.58                      |
| 20   | 418       | 23.90         | 86.7              |              | 77.74                      |
| 21   | 484       | 27.43         | 85.8              |              | 81.46                      |
| 22   | 508       | 35.49         | 105.8             |              | 82.72                      |
| 23   | 566       | 16.88         | 45.2              |              | 85.40                      |
| 24   | 621       | 11.62         | 28.4              |              | 87.60                      |
| 25   | 633       | 11.93         | 28.5              |              | 87.99                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 7 : C07 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 660       | 11.44         | 26.3              |              | 88.82                      |
| 27   | 685       | 14.64         | 32.4              |              | 89.59                      |
| 28   | 730       | 12.20         | 25.3              |              | 90.46                      |
| 29   | 824       | 8.01          | 14.7              |              | 91.67                      |
| 30   | 1,228     | 8.02          | 9.9               |              | 95.44                      |
| 31   | 1,582     | 4.66          | 4.5               |              | 97.77                      |
| 32   | 1,896     | 5.61          | 4.5               |              | 99.85                      |
| 33   | 2,197     | 4.22          | 2.9               |              | 101.19                     |
| 34   | 3,146     | 4.07          | 2.0               |              | 104.04                     |
| 35   | 4,520     | 2.53          | 0.8               |              | 105.82                     |
| 36   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

**Region table for sample 7 : C07 (1:15 dilution)**

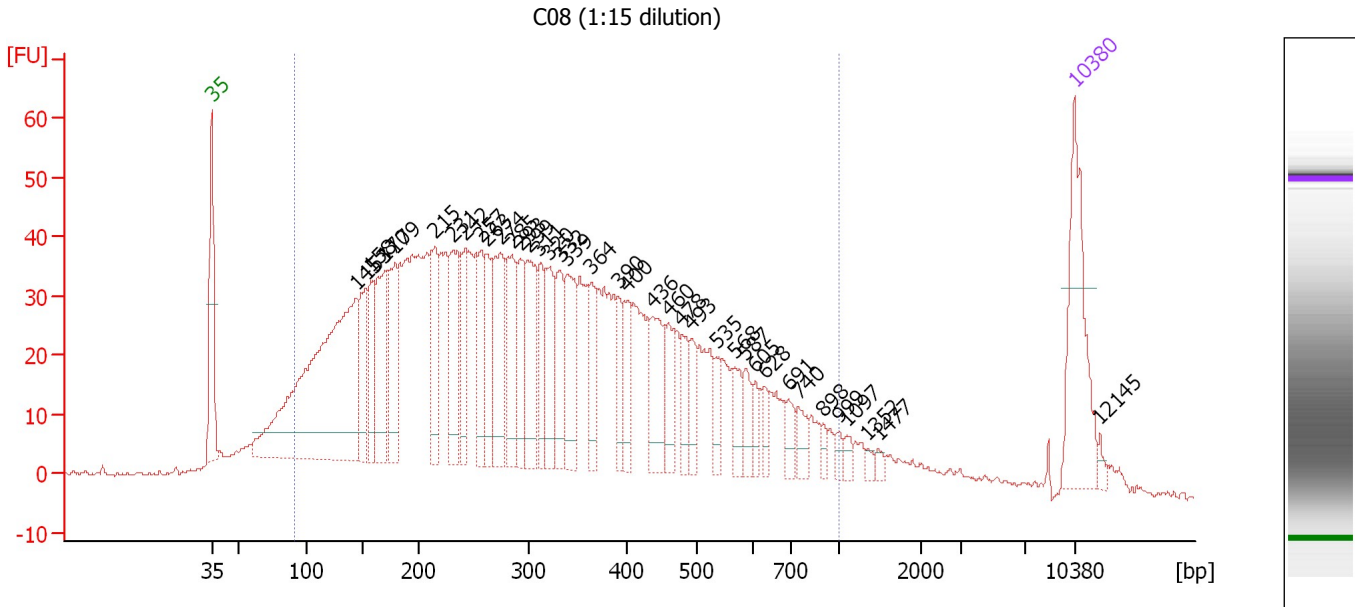
| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|---|
| 97        | 363               | 1,000   | 1,626.3    | 88         | 48.7                        | 1,983.67      | 11,893.6          |  |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : C08 (1:15 dilution)**

Number of peaks found: 38                      Corr. Area 1: 1,946.0  
 Noise: 0.4

**Peak table for sample 8 : C08 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 145       | 430.10        | 4,492.0           |              | 54.77                      |
| 3    | 153       | 64.83         | 641.6             |              | 55.50                      |
| 4    | 158       | 54.67         | 524.7             |              | 55.94                      |
| 5    | 170       | 92.90         | 829.2             |              | 57.02                      |
| 6    | 179       | 76.90         | 650.0             |              | 57.88                      |
| 7    | 215       | 70.96         | 499.7             |              | 61.13                      |
| 8    | 231       | 75.86         | 497.3             |              | 62.56                      |
| 9    | 242       | 50.78         | 317.6             |              | 63.55                      |
| 10   | 257       | 59.60         | 351.0             |              | 64.89                      |
| 11   | 263       | 47.39         | 273.4             |              | 65.37                      |
| 12   | 274       | 88.25         | 487.6             |              | 66.41                      |
| 13   | 285       | 64.73         | 343.7             |              | 67.40                      |
| 14   | 293       | 43.28         | 224.1             |              | 68.05                      |
| 15   | 299       | 67.95         | 343.9             |              | 68.66                      |
| 16   | 311       | 40.32         | 196.3             |              | 69.61                      |
| 17   | 320       | 50.51         | 238.9             |              | 70.34                      |
| 18   | 332       | 48.31         | 220.8             |              | 71.25                      |
| 19   | 339       | 63.17         | 282.2             |              | 71.86                      |
| 20   | 364       | 34.93         | 145.5             |              | 73.85                      |
| 21   | 390       | 28.37         | 110.1             |              | 75.97                      |
| 22   | 400       | 29.60         | 112.1             |              | 76.75                      |
| 23   | 436       | 53.57         | 186.0             |              | 78.78                      |
| 24   | 460       | 29.64         | 97.5              |              | 80.12                      |
| 25   | 478       | 24.02         | 76.1              |              | 81.11                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 8 : C08 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 493       | 24.55         | 75.4              |              | 81.94                      |
| 27   | 535       | 16.60         | 47.1              |              | 83.93                      |
| 28   | 568       | 21.01         | 56.0              |              | 85.48                      |
| 29   | 587       | 18.29         | 47.2              |              | 86.35                      |
| 30   | 605       | 11.74         | 29.4              |              | 87.13                      |
| 31   | 628       | 11.40         | 27.5              |              | 87.82                      |
| 32   | 691       | 14.14         | 31.0              |              | 89.81                      |
| 33   | 740       | 15.43         | 31.6              |              | 90.59                      |
| 34   | 898       | 6.14          | 10.4              |              | 92.62                      |
| 35   | 999       | 6.55          | 9.9               |              | 93.92                      |
| 36   | 1,097     | 5.91          | 8.2               |              | 94.57                      |
| 37   | 1,352     | 3.95          | 4.4               |              | 96.26                      |
| 38   | 1,477     | 4.19          | 4.3               |              | 97.08                      |
| 39   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 40   | 12,145    | 0.00          | 0.0               |              | 115.08                     |

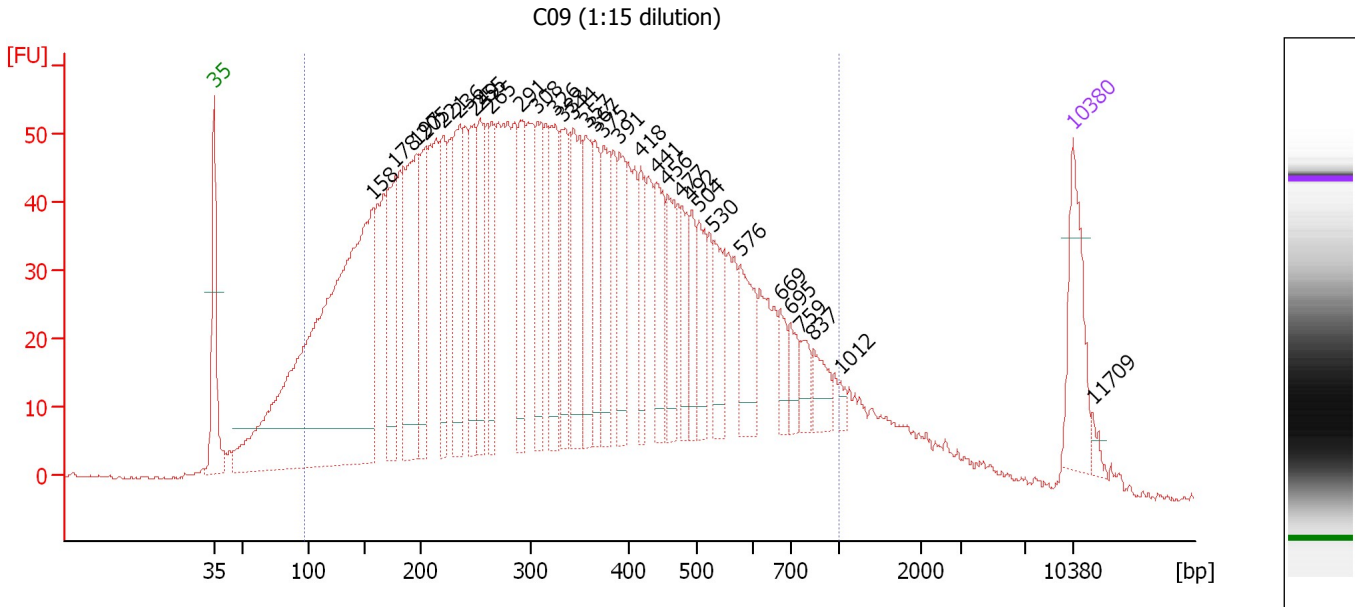
**Region table for sample 8 : C08 (1:15 dilution)**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|---|
| 92        | 333               | 1,000   | 1,946.0    | 91         | 51.0                        | 2,831.44      | 18,800.2          |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : C09 (1:15 dilution)**

Number of peaks found: 32                      Corr. Area 1: 2,653.9  
 Noise: 0.3

**Peak table for sample 9 : C09 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 158       | 972.01        | 9,321.2           |              | 55.95                      |
| 3    | 178       | 151.94        | 1,293.0           |              | 57.77                      |
| 4    | 197       | 223.24        | 1,715.7           |              | 59.51                      |
| 5    | 205       | 109.20        | 807.6             |              | 60.21                      |
| 6    | 221       | 107.66        | 736.8             |              | 61.68                      |
| 7    | 236       | 151.70        | 974.0             |              | 62.99                      |
| 8    | 249       | 118.15        | 718.7             |              | 64.16                      |
| 9    | 255       | 102.79        | 610.9             |              | 64.68                      |
| 10   | 265       | 92.46         | 528.4             |              | 65.59                      |
| 11   | 291       | 93.37         | 485.5             |              | 67.94                      |
| 12   | 308       | 101.55        | 500.0             |              | 69.33                      |
| 13   | 326       | 107.82        | 501.0             |              | 70.81                      |
| 14   | 333       | 98.91         | 449.9             |              | 71.37                      |
| 15   | 344       | 127.83        | 562.3             |              | 72.29                      |
| 16   | 357       | 95.81         | 406.7             |              | 73.29                      |
| 17   | 367       | 76.41         | 315.8             |              | 74.07                      |
| 18   | 375       | 83.43         | 337.3             |              | 74.72                      |
| 19   | 391       | 82.69         | 320.5             |              | 76.02                      |
| 20   | 418       | 54.01         | 195.7             |              | 77.76                      |
| 21   | 441       | 77.03         | 264.8             |              | 79.02                      |
| 22   | 456       | 68.58         | 227.7             |              | 79.89                      |
| 23   | 477       | 50.75         | 161.1             |              | 81.06                      |
| 24   | 492       | 42.41         | 130.6             |              | 81.89                      |
| 25   | 504       | 60.68         | 182.5             |              | 82.50                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad


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### Electropherogram Summary Continued ...

#### ... Peak table for sample 9 : C09 (1:15 dilution)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 530       | 60.76         | 173.7             |              | 83.71                      |
| 27   | 576       | 68.56         | 180.4             |              | 85.84                      |
| 28   | 669       | 26.27         | 59.5              |              | 89.10                      |
| 29   | 695       | 26.73         | 58.2              |              | 89.93                      |
| 30   | 759       | 23.89         | 47.7              |              | 90.84                      |
| 31   | 837       | 30.40         | 55.0              |              | 91.84                      |
| 32   | 1,012     | 6.07          | 9.1               |              | 94.01                      |
| 33   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 34   | 11,709    | 0.00          | 0.0               |              | 114.56                     |

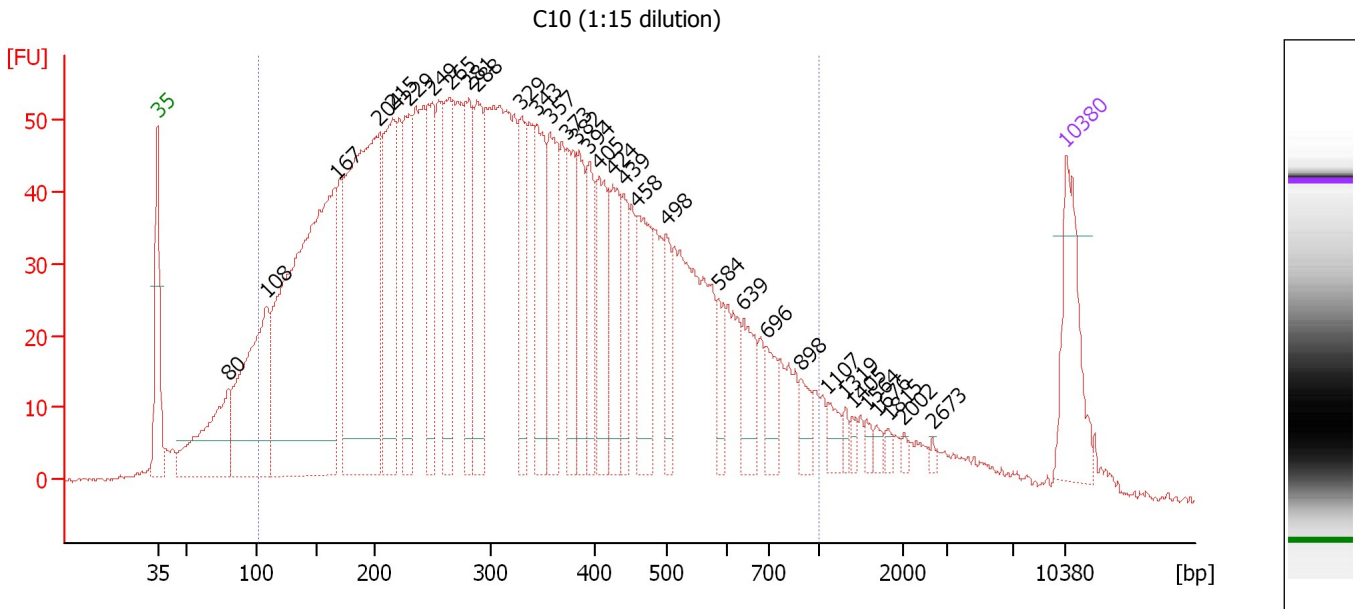
#### Region table for sample 9 : C09 (1:15 dilution)

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|---|
| 98        | 353               | 1,000   | 2,653.9    | 90         | 49.1                        | 5,512.66      | 33,962.5          |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : C10 (1:15 dilution)**

Number of peaks found: 33                      Corr. Area 1: 2,523.0  
 Noise: 0.3

**Peak table for sample 10 : C10 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 80        | 153.55        | 2,912.7           |              | 48.47                      |
| 3    | 108       | 263.77        | 3,688.3           |              | 51.39                      |
| 4    | 167       | 674.94        | 6,139.3           |              | 56.73                      |
| 5    | 204       | 484.90        | 3,608.2           |              | 60.10                      |
| 6    | 215       | 175.30        | 1,236.2           |              | 61.10                      |
| 7    | 229       | 120.69        | 800.1             |              | 62.33                      |
| 8    | 249       | 125.15        | 761.2             |              | 64.16                      |
| 9    | 265       | 136.52        | 781.3             |              | 65.56                      |
| 10   | 281       | 102.96        | 555.4             |              | 67.00                      |
| 11   | 288       | 120.62        | 635.1             |              | 67.62                      |
| 12   | 329       | 81.44         | 374.7             |              | 71.07                      |
| 13   | 343       | 108.44        | 479.1             |              | 72.16                      |
| 14   | 357       | 118.26        | 502.6             |              | 73.26                      |
| 15   | 373       | 81.02         | 328.8             |              | 74.61                      |
| 16   | 382       | 77.55         | 307.5             |              | 75.31                      |
| 17   | 394       | 64.38         | 247.5             |              | 76.27                      |
| 18   | 405       | 88.73         | 332.1             |              | 77.02                      |
| 19   | 424       | 81.42         | 291.2             |              | 78.07                      |
| 20   | 439       | 52.01         | 179.4             |              | 78.94                      |
| 21   | 458       | 97.58         | 322.8             |              | 79.99                      |
| 22   | 498       | 42.13         | 128.2             |              | 82.22                      |
| 23   | 584       | 31.15         | 80.9              |              | 86.20                      |
| 24   | 639       | 46.09         | 109.3             |              | 88.17                      |
| 25   | 696       | 31.11         | 67.7              |              | 89.96                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad


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**Electropherogram Summary Continued ...**

**... Peak table for sample 10 : C10 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 898       | 20.32         | 34.3              |              | 92.63                      |
| 27   | 1,107     | 16.22         | 22.2              |              | 94.64                      |
| 28   | 1,319     | 6.94          | 8.0               |              | 96.04                      |
| 29   | 1,405     | 6.24          | 6.7               |              | 96.60                      |
| 30   | 1,564     | 6.24          | 6.0               |              | 97.65                      |
| 31   | 1,676     | 6.28          | 5.7               |              | 98.40                      |
| 32   | 1,815     | 4.72          | 3.9               |              | 99.31                      |
| 33   | 2,002     | 3.92          | 3.0               |              | 100.54                     |
| 34   | 2,673     | 2.82          | 1.6               |              | 102.77                     |
| 35   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

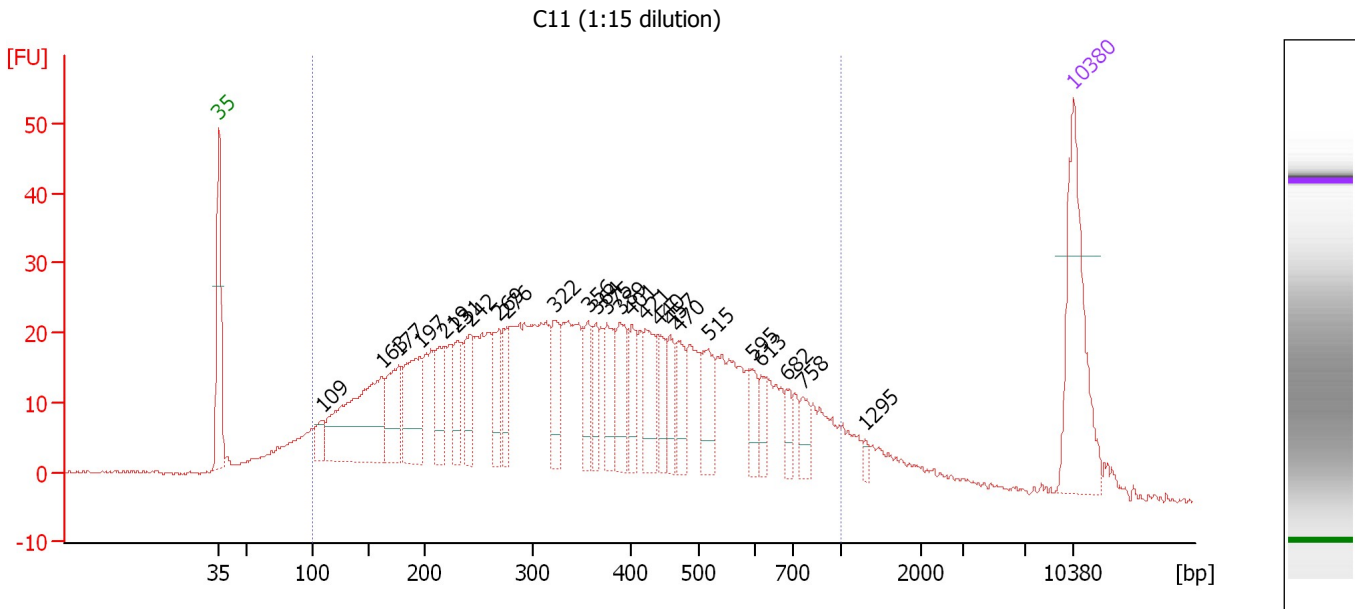
**Region table for sample 10 : C10 (1:15 dilution)**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color   |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|---|
| 102       | 344               | 1,000   | 2,523.0    | 90         | 48.8                        | 4,932.68      | 30,581.3          |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : C11 (1:15 dilution)**

Number of peaks found: 25                      Corr. Area 1: 1,153.3  
 Noise: 0.2

**Peak table for sample 11 : C11 (1:15 dilution)**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 109       | 16.96         | 236.4             |              | 51.43                      |
| 3    | 163       | 145.06        | 1,352.2           |              | 56.36                      |
| 4    | 177       | 53.38         | 455.9             |              | 57.72                      |
| 5    | 197       | 65.46         | 504.5             |              | 59.46                      |
| 6    | 219       | 42.03         | 291.4             |              | 61.43                      |
| 7    | 231       | 28.60         | 187.8             |              | 62.52                      |
| 8    | 242       | 37.09         | 231.8             |              | 63.57                      |
| 9    | 269       | 30.58         | 172.4             |              | 65.93                      |
| 10   | 276       | 28.69         | 157.4             |              | 66.58                      |
| 11   | 322       | 36.76         | 172.8             |              | 70.51                      |
| 12   | 356       | 30.25         | 128.7             |              | 73.22                      |
| 13   | 364       | 22.61         | 94.1              |              | 73.87                      |
| 14   | 375       | 35.28         | 142.5             |              | 74.75                      |
| 15   | 389       | 34.61         | 134.9             |              | 75.84                      |
| 16   | 401       | 22.10         | 83.5              |              | 76.80                      |
| 17   | 421       | 38.11         | 137.1             |              | 77.93                      |
| 18   | 440       | 23.38         | 80.5              |              | 78.98                      |
| 19   | 457       | 21.19         | 70.2              |              | 79.94                      |
| 20   | 470       | 25.84         | 83.3              |              | 80.64                      |
| 21   | 515       | 32.92         | 96.8              |              | 83.04                      |
| 22   | 595       | 15.77         | 40.2              |              | 86.71                      |
| 23   | 613       | 11.48         | 28.4              |              | 87.37                      |
| 24   | 682       | 10.88         | 24.2              |              | 89.51                      |
| 25   | 758       | 13.64         | 27.3              |              | 90.82                      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

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### Electropherogram Summary Continued ...

#### ... Peak table for sample 11 : C11 (1:15 dilution)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 26   | 1,295     | 3.62          | 4.2               |              | 95.88                      |
| 27   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

#### Region table for sample 11 : C11 (1:15 dilution)

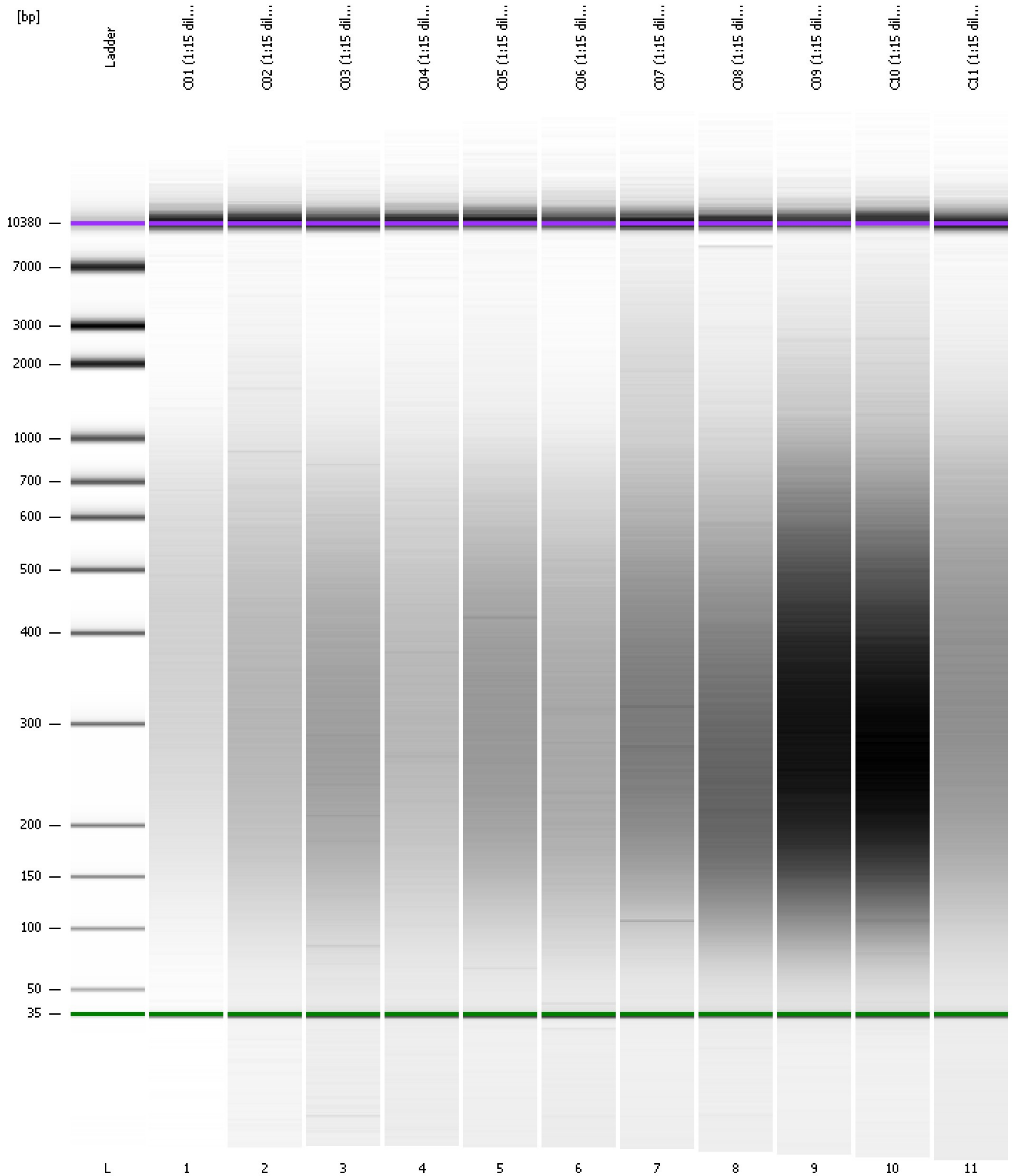
| From [bp] | Average Size [bp] | To [bp] | Corr. Area | % of Total | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|-------------------|---------|------------|------------|-----------------------------|---------------|-------------------|-------|
| 100       | 380               | 1,000   | 1,153.3    | 89         | 47.8                        | 1,692.58      | 9,709.3           | ■     |



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
Modified: 12/18/2014 1:08:22 PM

**Gel Image**



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2014-12-18\2014-12-18\_001.xad

Created: 12/18/2014 12:23:57 PM  
 Modified: 12/18/2014 1:08:22 PM

**Run Logbook**

| Description   | Number | Source     | Category | Sub Category | Time                   | Time Zone                           | User     | Host     |
|---|--------|------------|----------|--------------|------------------------|-------------------------------------|----------|----------|
| Run ended on port 1 (Number of wells acquired: 12)  |        | Instrument | Run      |              | 12/18/2014 1:05:17 PM  | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Run started on port 1 (File: C:\Documents and Settings\Bioanalyzer\2014-12-18\2014-12-18_001.xad) |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Product Number : G2938B   |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Name :  |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Vendor : Agilent Technologies   |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Serial# : DE13701086  |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Firmware : C.01.069   |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |
| Cartridge : Electrode   |        | Instrument | Run      |              | 12/18/2014 12:24:03 PM | (GMT --08:00) Pacific Standard Time | UC Davis | D8XSMGH1 |