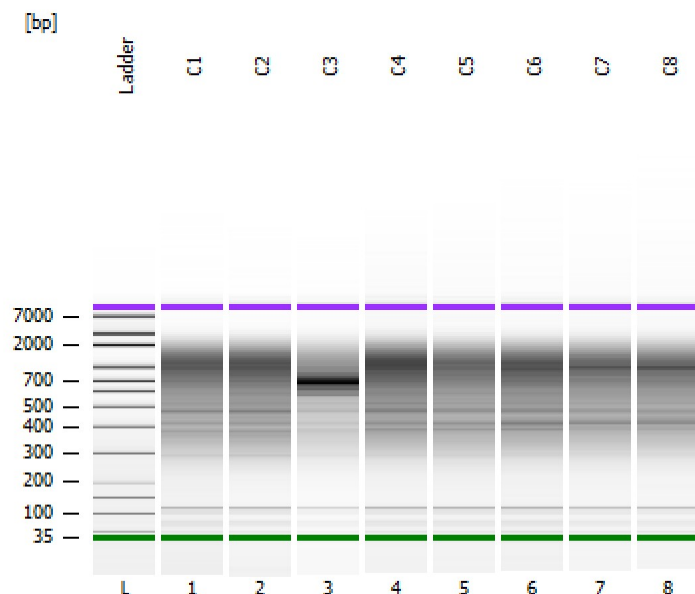


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

### Electrophoresis File Run Summary



#### Instrument Information:

Instrument Name: DE34903152

Firmware: C.01.069

Serial#: DE34903152

Type: G2938C

#### Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy

Assay Class: High Sensitivity DNA Assay

Version: 1.03

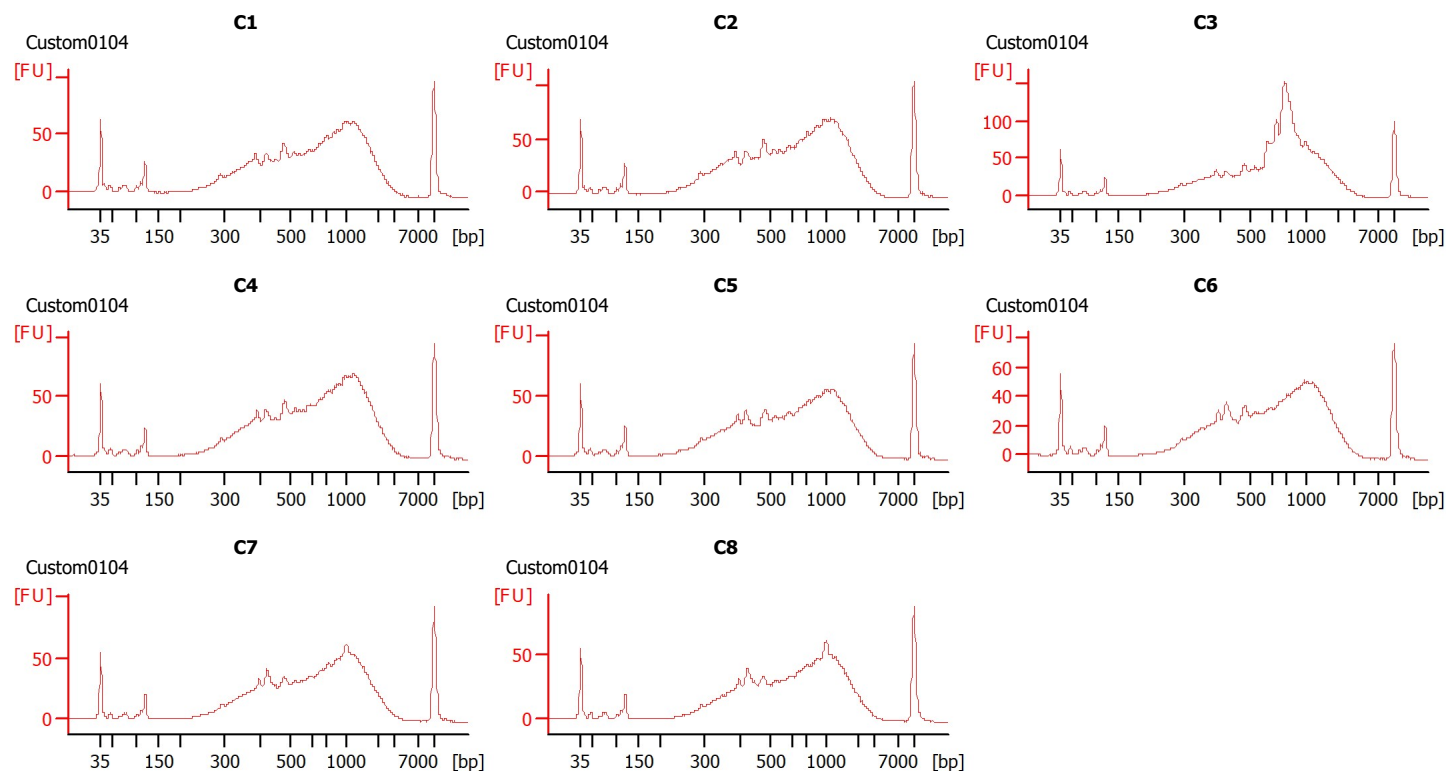
Assay Comments: Copyright © 2003-2010 Agilent Technologies

#### Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...\bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

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

| Sample Name | Sample<br>Comment | Rest.<br>Digest          | Statu<br>s | Observation | Result Label | Result Color |
|-------------|-------------------|--------------------------|------------|-------------|--------------|--------------|
| C1          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C2          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C3          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C4          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C5          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C6          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C7          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| C8          | Custom0104        | <input type="checkbox"/> | ✓          |             |              |              |
| Ladder      |                   | <input type="checkbox"/> | ✓          |             |              |              |

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

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 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

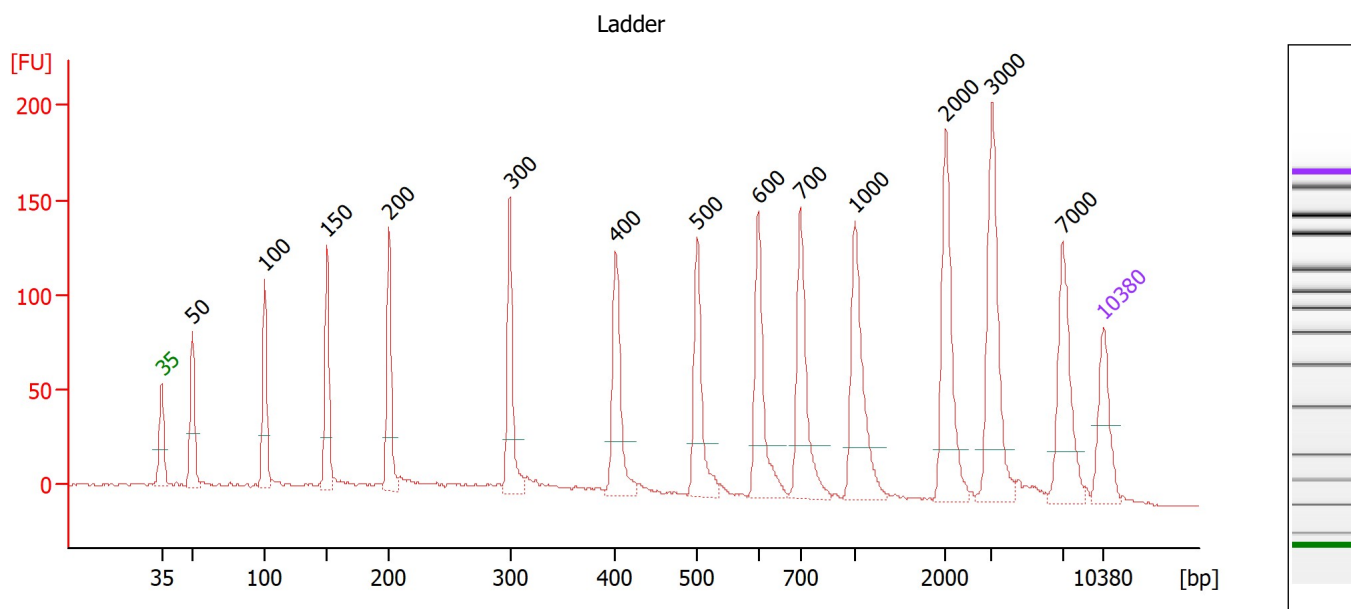
### Ladder

| 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:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary



### Overall Results for Ladder

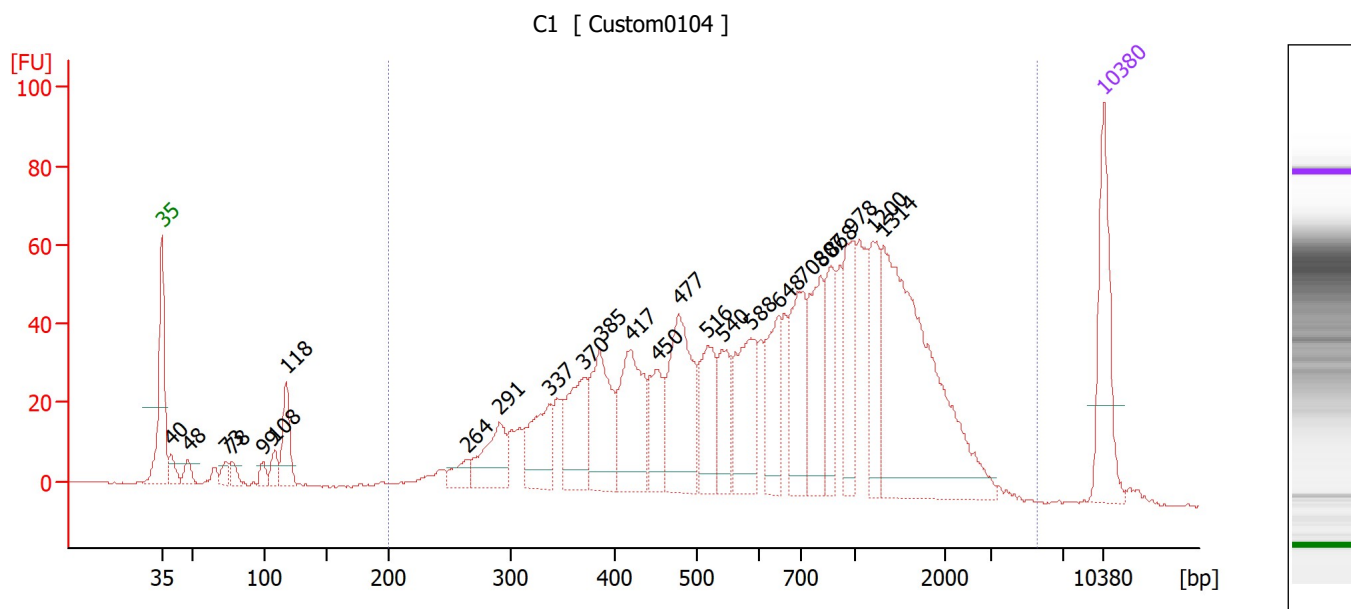
Noise: 0.3

### Peak table for Ladder

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 50        | 150.00        | 4,545.5           | Ladder Peak  |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****Overall Results for sample 1 : C1**

Number of peaks found: 25      Corr. Area 1: 1,573.0  
Noise: 0.2

**Peak table for sample 1 : C1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 40        | 16.40         | 625.3             |              |
| 3    | 48        | 15.97         | 505.9             |              |
| 4    | 73        | 13.84         | 286.3             |              |
| 5    | 78        | 12.22         | 238.8             |              |
| 6    | 99        | 11.68         | 178.6             |              |
| 7    | 108       | 17.14         | 239.9             |              |
| 8    | 118       | 54.79         | 705.9             |              |
| 9    | 264       | 19.97         | 114.7             |              |
| 10   | 291       | 63.82         | 332.0             |              |
| 11   | 337       | 68.79         | 309.3             |              |
| 12   | 370       | 78.93         | 323.5             |              |
| 13   | 385       | 101.70        | 399.8             |              |
| 14   | 417       | 111.45        | 404.5             |              |
| 15   | 450       | 53.24         | 179.1             |              |
| 16   | 477       | 135.20        | 429.9             |              |
| 17   | 516       | 70.04         | 205.6             |              |
| 18   | 540       | 50.10         | 140.5             |              |
| 19   | 588       | 88.61         | 228.4             |              |
| 20   | 648       | 62.42         | 145.9             |              |
| 21   | 708       | 86.61         | 185.3             |              |
| 22   | 807       | 80.73         | 151.5             |              |
| 23   | 868       | 57.28         | 100.0             |              |
| 24   | 978       | 70.21         | 108.8             |              |
| 25   | 1,200     | 60.67         | 76.6              |              |
| 26   | 1,314     | 279.46        | 322.2             |              |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****... Peak table for sample 1 : C1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 27   | 10,380    | 75.00         | 10.9              | Upper Marker |

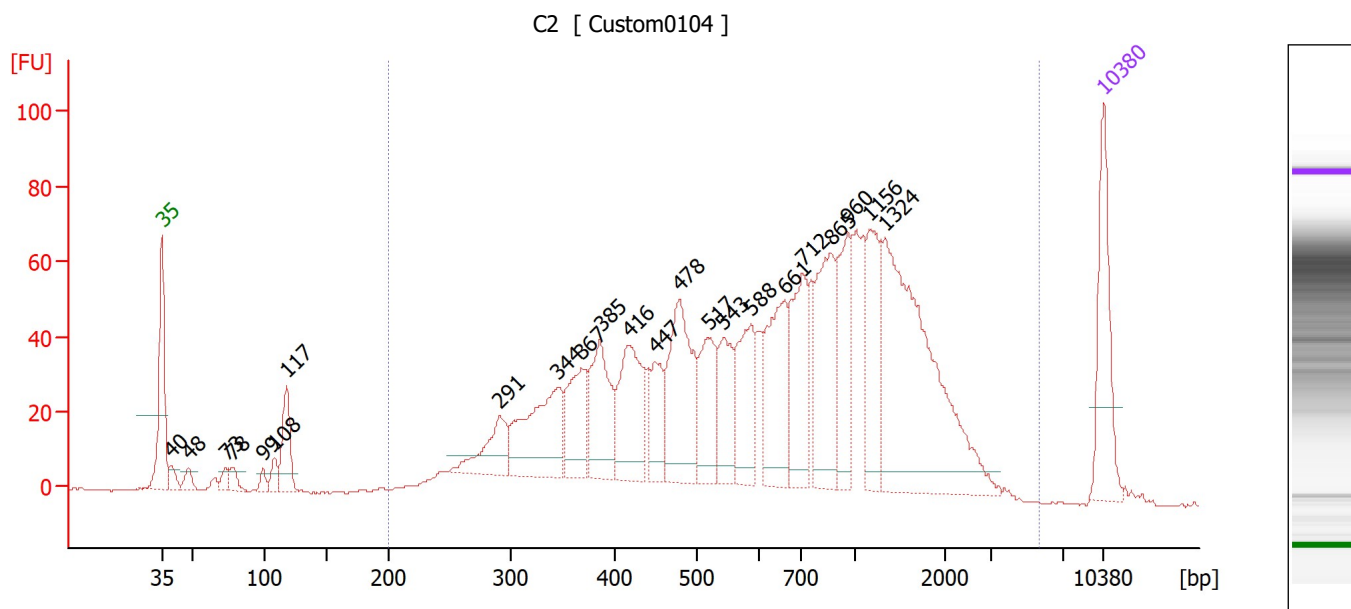
**Region table for sample 1 : C1**

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 5,558   | 1,573.0    | 94         | 856               | 63.5                        | 1,785.40      | 4,899.9           |       |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 2 : C2

Number of peaks found: 23      Corr. Area 1: 1,787.8  
 Noise: 0.3

### Peak table for sample 2 : C2

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 40        | 13.69         | 522.1             |              |
| 3    | 48        | 13.87         | 435.9             |              |
| 4    | 73        | 11.23         | 232.1             |              |
| 5    | 78        | 13.85         | 270.4             |              |
| 6    | 99        | 10.33         | 158.6             |              |
| 7    | 108       | 16.83         | 236.4             |              |
| 8    | 117       | 58.50         | 755.8             |              |
| 9    | 291       | 58.22         | 302.9             |              |
| 10   | 344       | 124.76        | 548.9             |              |
| 11   | 367       | 76.57         | 315.8             |              |
| 12   | 385       | 94.61         | 372.3             |              |
| 13   | 416       | 104.43        | 380.2             |              |
| 14   | 447       | 48.57         | 164.4             |              |
| 15   | 478       | 137.79        | 436.8             |              |
| 16   | 517       | 72.53         | 212.6             |              |
| 17   | 543       | 63.28         | 176.5             |              |
| 18   | 588       | 78.65         | 202.7             |              |
| 19   | 661       | 103.69        | 237.6             |              |
| 20   | 712       | 95.98         | 204.2             |              |
| 21   | 865       | 109.31        | 191.5             |              |
| 22   | 960       | 77.47         | 122.3             |              |
| 23   | 1,156     | 76.98         | 100.9             |              |
| 24   | 1,324     | 275.10        | 314.8             |              |
| 25   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

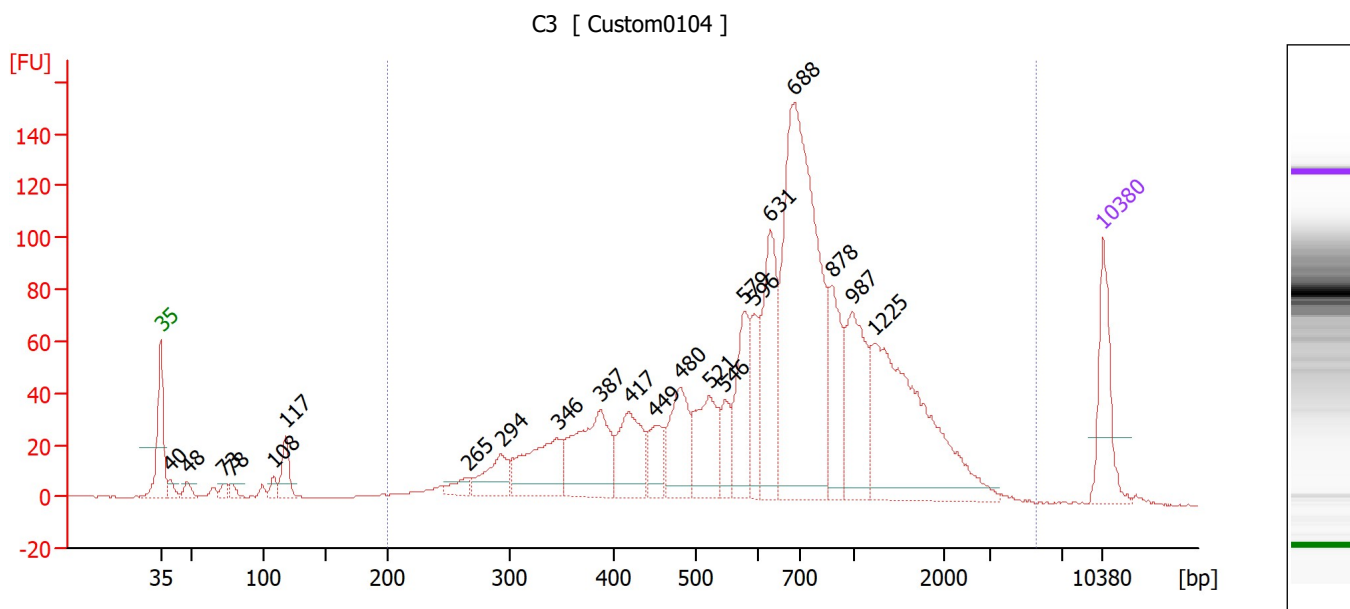
Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****... Region table for sample 2 :****C2**

| <b>From<br/>[bp]</b> | <b>To [bp]</b> | <b>Corr.<br/>Area</b> | <b>% of<br/>Total</b> | <b>Average Size<br/>[bp]</b> | <b>Size distribution in<br/>CV [%]</b> | <b>Conc.<br/>[pg/μl]</b> | <b>Molarity<br/>[pmol/l]</b> | <b>Co<br/>lor</b>                                                                   |
|----------------------|----------------|-----------------------|-----------------------|------------------------------|----------------------------------------|--------------------------|------------------------------|-------------------------------------------------------------------------------------|
| 200                  | 5,731          | 1,787.8               | 96                    | 848                          | 64.7                                   | 1,965.97                 | 5,460.0                      |  |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****Overall Results for sample 3 : C3**

Number of peaks found: 22      Corr. Area 1: 2,015.9  
Noise: 0.2

**Peak table for sample 3 : C3**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 40        | 15.21         | 583.2             |              |
| 3    | 48        | 15.01         | 472.1             |              |
| 4    | 73        | 11.43         | 237.4             |              |
| 5    | 78        | 10.26         | 199.7             |              |
| 6    | 108       | 15.13         | 212.5             |              |
| 7    | 117       | 48.37         | 623.8             |              |
| 8    | 265       | 20.21         | 115.4             |              |
| 9    | 294       | 63.68         | 328.7             |              |
| 10   | 346       | 121.14        | 531.0             |              |
| 11   | 387       | 157.53        | 617.4             |              |
| 12   | 417       | 100.12        | 363.5             |              |
| 13   | 449       | 48.31         | 163.2             |              |
| 14   | 480       | 100.33        | 316.8             |              |
| 15   | 521       | 106.22        | 309.1             |              |
| 16   | 546       | 38.07         | 105.6             |              |
| 17   | 579       | 104.99        | 274.7             |              |
| 18   | 596       | 59.69         | 151.9             |              |
| 19   | 631       | 155.48        | 373.6             |              |
| 20   | 688       | 541.91        | 1,194.1           |              |
| 21   | 878       | 97.94         | 169.0             |              |
| 22   | 987       | 132.65        | 203.6             |              |
| 23   | 1,225     | 296.66        | 367.0             |              |
| 24   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

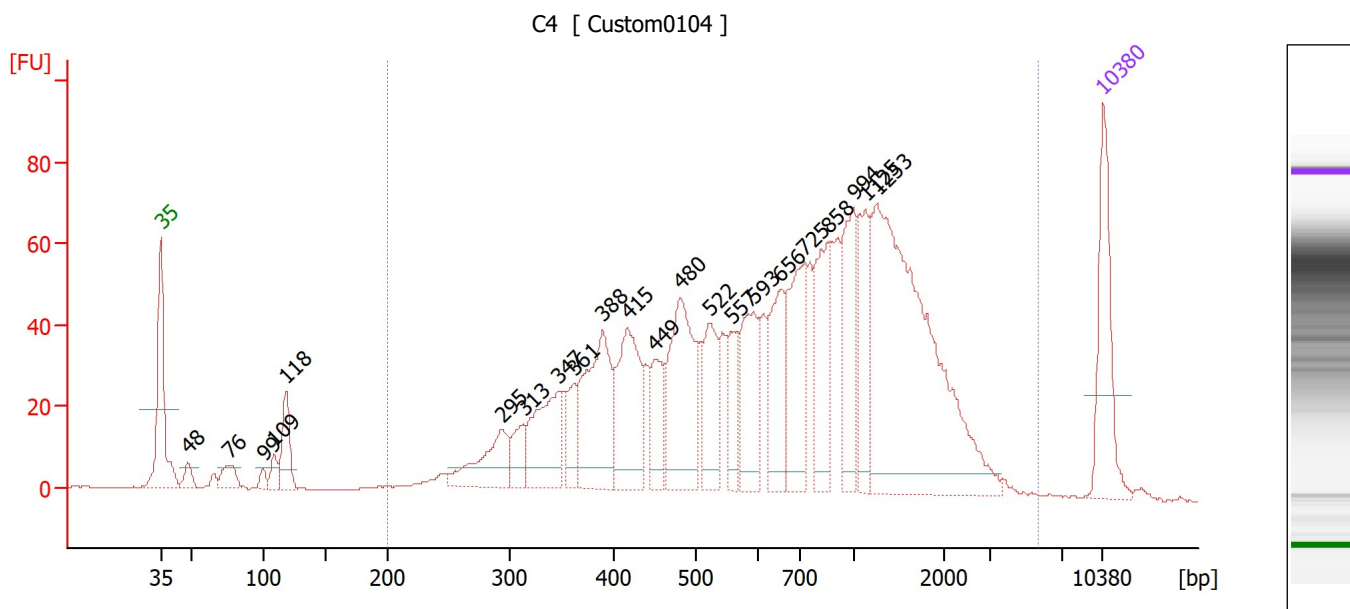
Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****... Region table for sample 3 :****C3**

| <b>From<br/>[bp]</b> | <b>To [bp]</b> | <b>Corr.<br/>Area</b> | <b>% of<br/>Total</b> | <b>Average Size<br/>[bp]</b> | <b>Size distribution in<br/>CV [%]</b> | <b>Conc.<br/>[pg/μl]</b> | <b>Molarity<br/>[pmol/l]</b> | <b>Co<br/>lor</b>                                                                   |
|----------------------|----------------|-----------------------|-----------------------|------------------------------|----------------------------------------|--------------------------|------------------------------|-------------------------------------------------------------------------------------|
| 200                  | 5,618          | 2,015.9               | 95                    | 821                          | 62.9                                   | 2,259.39                 | 6,006.4                      |  |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Electropherogram Summary Continued ...****Overall Results for sample 4 : C4**

Number of peaks found: 22      Corr. Area 1: 1,723.6  
Noise: 0.2

**Peak table for sample 4 : C4**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 48        | 15.53         | 488.4             |              |
| 3    | 76        | 25.28         | 502.9             |              |
| 4    | 99        | 8.87          | 135.2             |              |
| 5    | 109       | 16.16         | 225.5             |              |
| 6    | 118       | 51.34         | 660.1             |              |
| 7    | 295       | 69.28         | 356.4             |              |
| 8    | 313       | 30.70         | 148.6             |              |
| 9    | 347       | 93.61         | 408.9             |              |
| 10   | 361       | 34.23         | 143.6             |              |
| 11   | 388       | 135.27        | 527.9             |              |
| 12   | 415       | 114.84        | 419.2             |              |
| 13   | 449       | 48.14         | 162.5             |              |
| 14   | 480       | 138.40        | 436.8             |              |
| 15   | 522       | 70.20         | 203.6             |              |
| 16   | 557       | 41.66         | 113.3             |              |
| 17   | 593       | 78.17         | 199.7             |              |
| 18   | 656       | 73.41         | 169.6             |              |
| 19   | 725       | 99.68         | 208.2             |              |
| 20   | 858       | 84.16         | 148.7             |              |
| 21   | 994       | 80.59         | 122.8             |              |
| 22   | 1,125     | 65.14         | 87.8              |              |
| 23   | 1,253     | 358.78        | 433.8             |              |
| 24   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

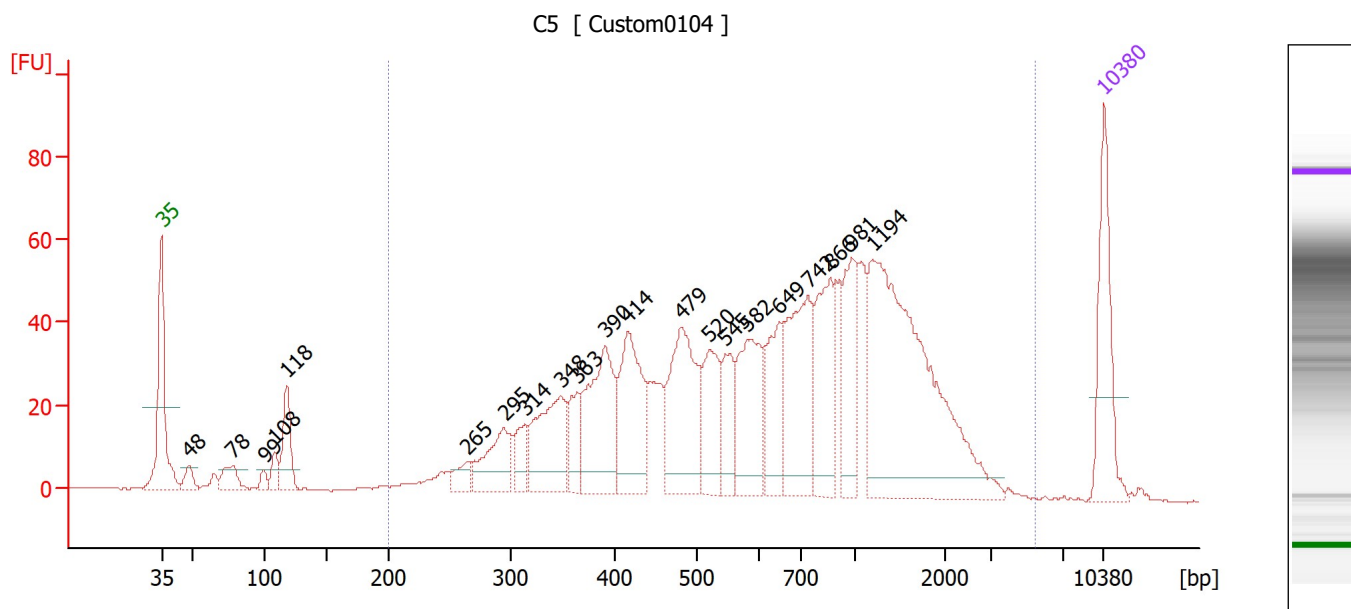
**Electropherogram Summary Continued ...****... Region table for sample 4 :****C4**

| <b>From<br/>[bp]</b> | <b>To [bp]</b> | <b>Corr.<br/>Area</b> | <b>% of<br/>Total</b> | <b>Average Size<br/>[bp]</b> | <b>Size distribution in<br/>CV [%]</b> | <b>Conc.<br/>[pg/μl]</b> | <b>Molarity<br/>[pmol/l]</b> | <b>Co<br/>lor</b>                                                                   |
|----------------------|----------------|-----------------------|-----------------------|------------------------------|----------------------------------------|--------------------------|------------------------------|-------------------------------------------------------------------------------------|
| 200                  | 5,698          | 1,723.6               | 94                    | 887                          | 68.0                                   | 1,954.97                 | 5,262.9                      |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 5 : C5

Number of peaks found: 21      Corr. Area 1: 1,438.4  
 Noise: 0.2

### Peak table for sample 5 : C5

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 48        | 16.67         | 523.8             |              |
| 3    | 78        | 27.63         | 536.0             |              |
| 4    | 99        | 9.55          | 145.6             |              |
| 5    | 108       | 18.20         | 254.7             |              |
| 6    | 118       | 56.47         | 725.8             |              |
| 7    | 265       | 18.12         | 103.8             |              |
| 8    | 295       | 64.93         | 333.5             |              |
| 9    | 314       | 30.38         | 146.5             |              |
| 10   | 348       | 104.04        | 452.6             |              |
| 11   | 363       | 39.08         | 163.0             |              |
| 12   | 390       | 129.45        | 502.7             |              |
| 13   | 414       | 117.24        | 429.1             |              |
| 14   | 479       | 137.23        | 434.0             |              |
| 15   | 520       | 70.84         | 206.4             |              |
| 16   | 545       | 49.91         | 138.8             |              |
| 17   | 582       | 99.43         | 258.9             |              |
| 18   | 649       | 68.72         | 160.5             |              |
| 19   | 742       | 129.15        | 263.8             |              |
| 20   | 866       | 96.65         | 169.2             |              |
| 21   | 981       | 76.26         | 117.8             |              |
| 22   | 1,194     | 317.90        | 403.3             |              |
| 23   | 10,380    | 75.00         | 10.9              | Upper Marker |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

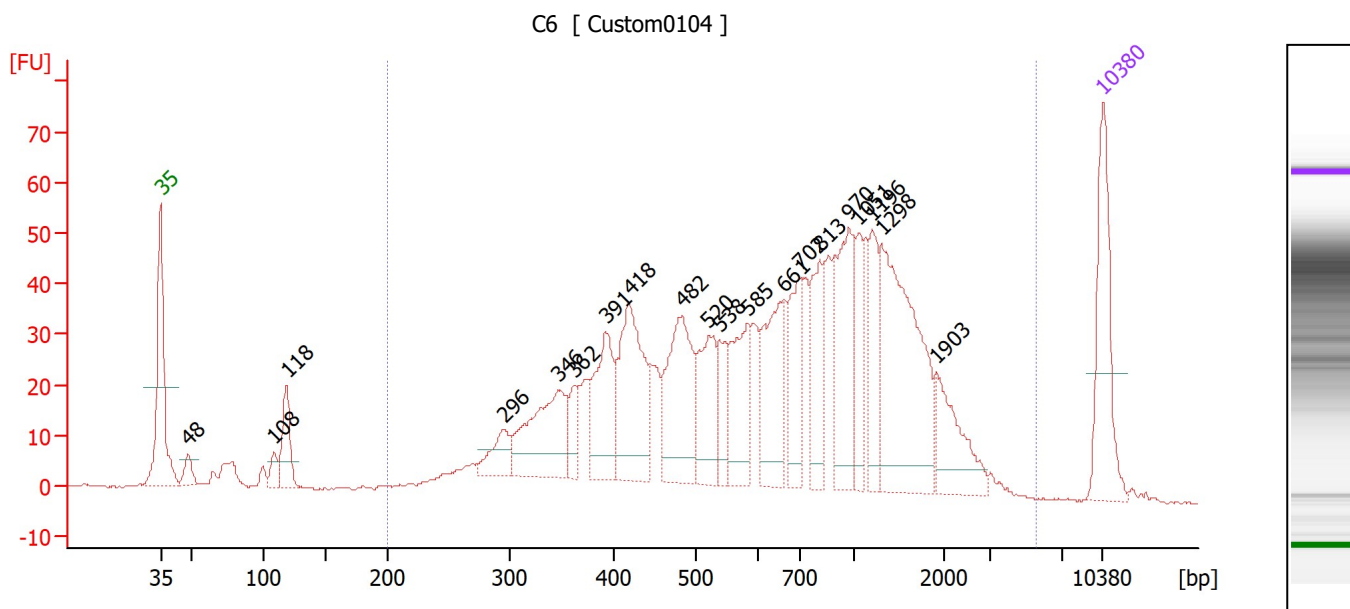
**Electropherogram Summary Continued ...****... Region table for sample 5 :****C5**

| <b>From<br/>[bp]</b> | <b>To [bp]</b> | <b>Corr.<br/>Area</b> | <b>% of<br/>Total</b> | <b>Average Size<br/>[bp]</b> | <b>Size distribution in<br/>CV [%]</b> | <b>Conc.<br/>[pg/μl]</b> | <b>Molarity<br/>[pmol/l]</b> | <b>Co<br/>lor</b>                                                                   |
|----------------------|----------------|-----------------------|-----------------------|------------------------------|----------------------------------------|--------------------------|------------------------------|-------------------------------------------------------------------------------------|
| 200                  | 5,440          | 1,438.4               | 94                    | 844                          | 66.8                                   | 1,742.36                 | 4,878.1                      |  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 6 : C6

Number of peaks found: 20      Corr. Area 1: 1,260.3  
 Noise: 0.1

### Peak table for sample 6 : C6

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 48        | 16.80         | 527.9             |              |
| 3    | 108       | 15.65         | 219.7             |              |
| 4    | 118       | 49.83         | 637.8             |              |
| 5    | 296       | 32.60         | 167.0             |              |
| 6    | 346       | 110.00        | 481.3             |              |
| 7    | 362       | 25.59         | 107.2             |              |
| 8    | 391       | 86.25         | 334.3             |              |
| 9    | 418       | 124.42        | 451.5             |              |
| 10   | 482       | 116.45        | 366.2             |              |
| 11   | 520       | 71.46         | 208.2             |              |
| 12   | 538       | 35.38         | 99.7              |              |
| 13   | 585       | 69.95         | 181.2             |              |
| 14   | 661       | 87.18         | 199.9             |              |
| 15   | 702       | 62.29         | 134.4             |              |
| 16   | 813       | 57.17         | 106.6             |              |
| 17   | 970       | 89.87         | 140.4             |              |
| 18   | 1,051     | 45.31         | 65.3              |              |
| 19   | 1,196     | 53.86         | 68.3              |              |
| 20   | 1,298     | 172.96        | 201.9             |              |
| 21   | 1,903     | 53.23         | 42.4              |              |
| 22   | 10,380    | 75.00         | 10.9              | Upper Marker |

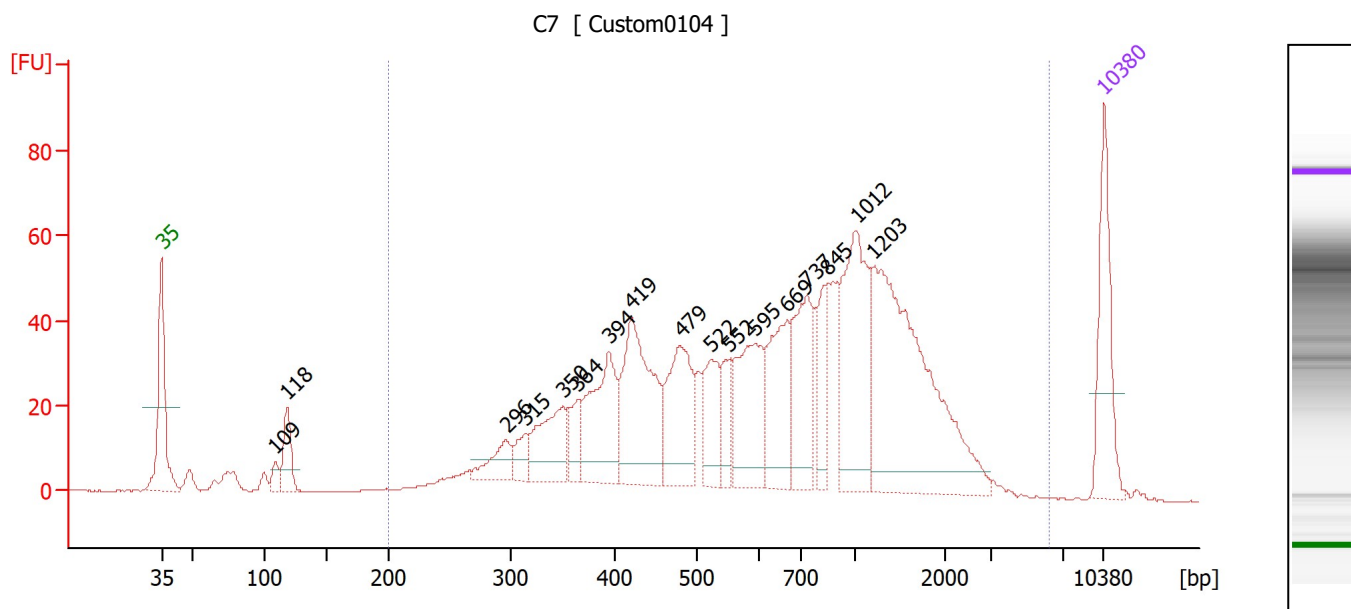
### Region table for sample 6 : C6

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 5,605   | 1,260.3    | 95         | 847               | 64.8                        | 1,676.10      | 4,579.8           | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 7 : C7

Number of peaks found: 17      Corr. Area 1: 1,346.5  
 Noise: 0.2

### Peak table for sample 7 : C7

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 109       | 14.79         | 206.5             |              |
| 3    | 118       | 47.15         | 605.6             |              |
| 4    | 296       | 37.61         | 192.3             |              |
| 5    | 315       | 21.81         | 105.1             |              |
| 6    | 350       | 78.05         | 337.5             |              |
| 7    | 364       | 30.50         | 127.0             |              |
| 8    | 394       | 116.08        | 446.7             |              |
| 9    | 419       | 163.92        | 592.9             |              |
| 10   | 479       | 110.68        | 350.3             |              |
| 11   | 522       | 60.28         | 175.0             |              |
| 12   | 552       | 33.59         | 92.2              |              |
| 13   | 595       | 109.17        | 278.1             |              |
| 14   | 669       | 97.20         | 220.1             |              |
| 15   | 737       | 99.87         | 205.4             |              |
| 16   | 845       | 49.18         | 88.2              |              |
| 17   | 1,012     | 154.85        | 231.9             |              |
| 18   | 1,203     | 291.66        | 367.3             |              |
| 19   | 10,380    | 75.00         | 10.9              | Upper Marker |

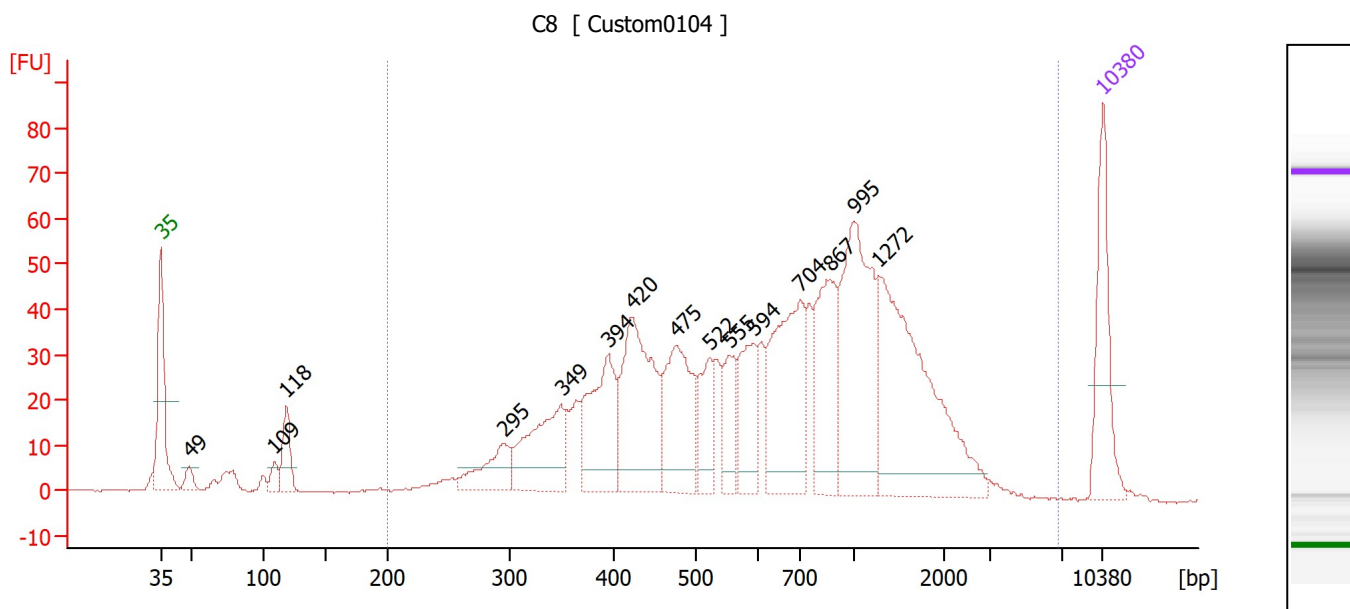
### Region table for sample 7 : C7

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 6,304   | 1,346.5    | 95         | 856               | 67.7                        | 1,746.89      | 4,774.5           | Blue  |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 PM

### Electropherogram Summary Continued ...



### Overall Results for sample 8 : C8

Number of peaks found: 15      Corr. Area 1: 1,252.7  
 Noise: 0.1

### Peak table for sample 8 : C8

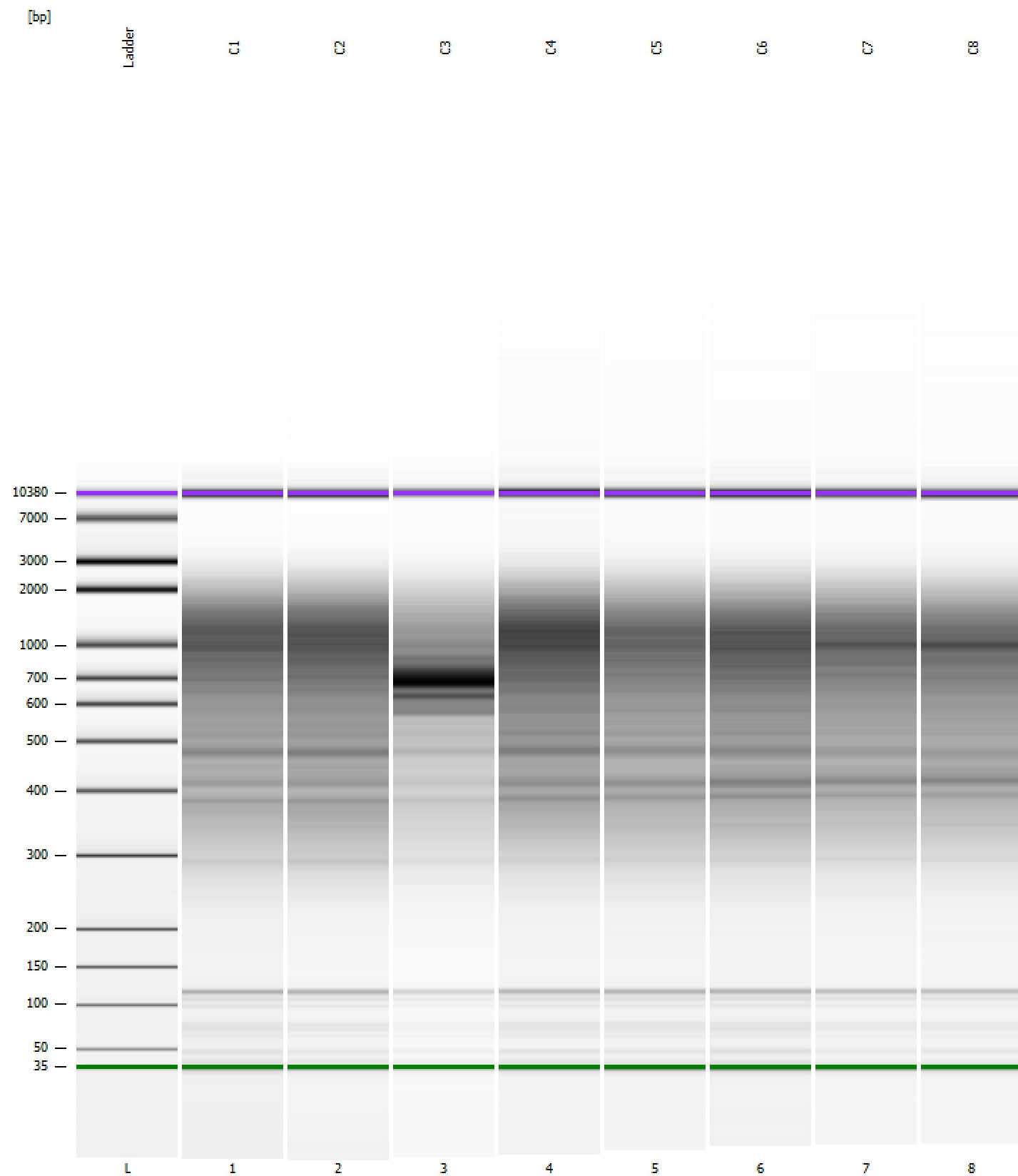
| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker |
| 2    | 49        | 15.23         | 470.1             |              |
| 3    | 109       | 14.44         | 201.6             |              |
| 4    | 118       | 43.99         | 564.2             |              |
| 5    | 295       | 53.28         | 273.5             |              |
| 6    | 349       | 112.00        | 486.1             |              |
| 7    | 394       | 117.55        | 452.3             |              |
| 8    | 420       | 169.10        | 609.5             |              |
| 9    | 475       | 122.12        | 389.4             |              |
| 10   | 522       | 54.38         | 157.9             |              |
| 11   | 555       | 44.72         | 122.1             |              |
| 12   | 594       | 67.11         | 171.1             |              |
| 13   | 704       | 161.16        | 346.7             |              |
| 14   | 867       | 107.60        | 188.0             |              |
| 15   | 995       | 183.14        | 278.9             |              |
| 16   | 1,272     | 231.96        | 276.2             |              |
| 17   | 10,380    | 75.00         | 10.9              | Upper Marker |

### Region table for sample 8 : C8

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200       | 6,807   | 1,252.7    | 95         | 851               | 67.7                        | 1,639.65      | 4,458.1           | Blue  |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
Modified: 5/19/2025 4:29:22 PM

**Gel Image**

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...bioanalyzer\2100 expert\data\2025-05-19\Custom0104\_cDNA.xad

Created: 5/19/2025 2:36:37 PM  
 Modified: 5/19/2025 4:29:22 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      |              | 5/19/2025 3:17:56 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\data\2025-05-19\Bioanalyzer1_High Sensitivity DNA Assay_DE34903152_2025-05-19_002.xad) |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C                                                                                                                                                         |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name :                                                                                                                                                                          |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies                                                                                                                                                   |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152                                                                                                                                                            |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069                                                                                                                                                             |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode                                                                                                                                                           |        | Instrument | Run      |              | 5/19/2025 2:36:43 PM | (GMT --07:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |