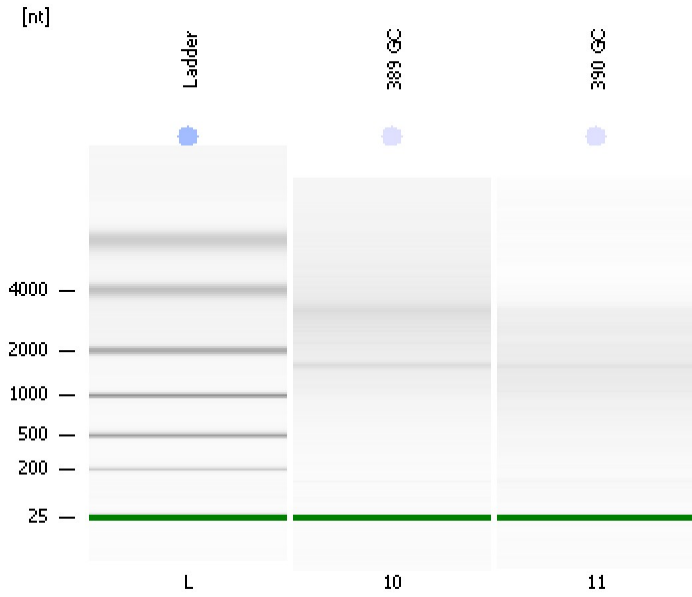


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

**Electrophoresis File Run Summary**



Instrument Information:

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

Assay Information:

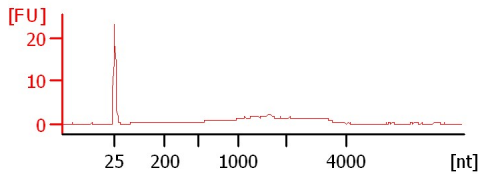
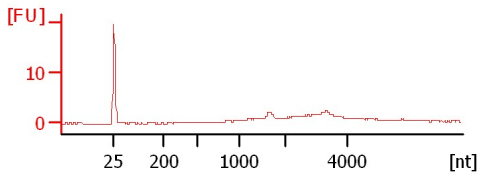
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

Assay Class: Eukaryote Total RNA Pico  
Version: 2.6  
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)

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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico  
 Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
 Modified: 8/23/2017 11:43:19 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
389 GC		✓	RIN: 4.30	
390 GC		✓	RIN: 1.90	
Ladder		✓	All Other Samples	

**Chip Lot #** **Reagent Kit Lot #**

**Chip Comments :**

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 18  
End Analysis Time Range [s] : 69  
Ladder Concentration [pg/ $\mu$ l] : 1000  
Lower Marker Concentration [pg/ $\mu$ l] : 0  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 18  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.3  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

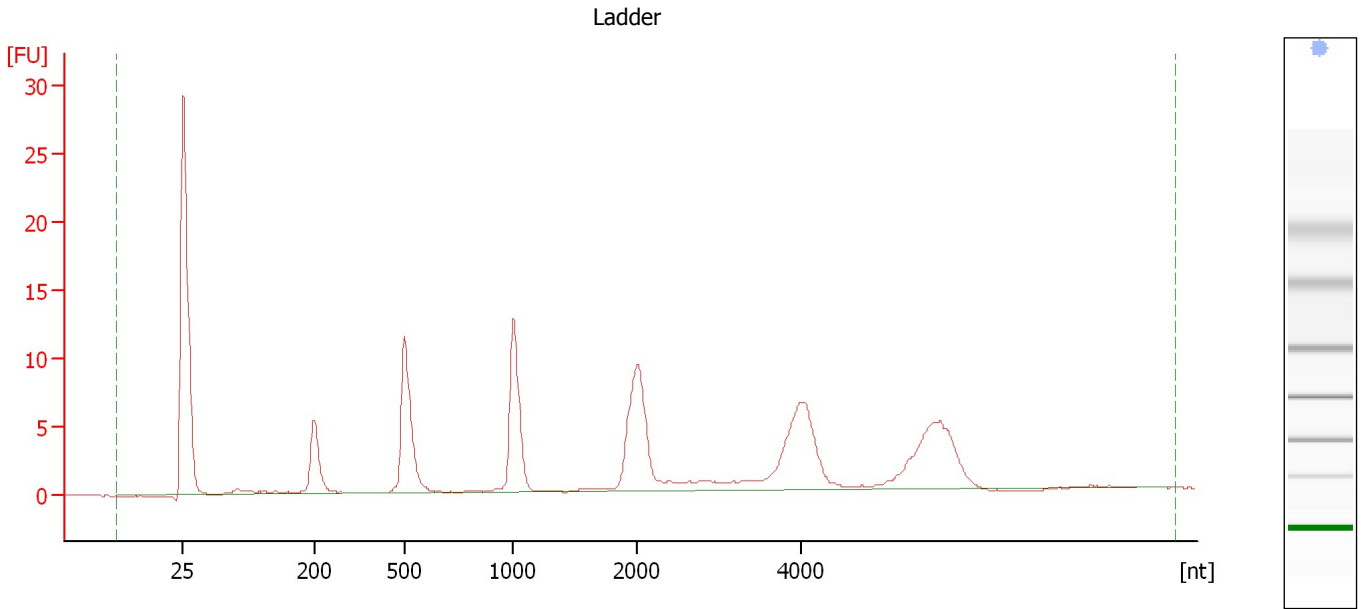
### Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

**Electropherogram Summary**



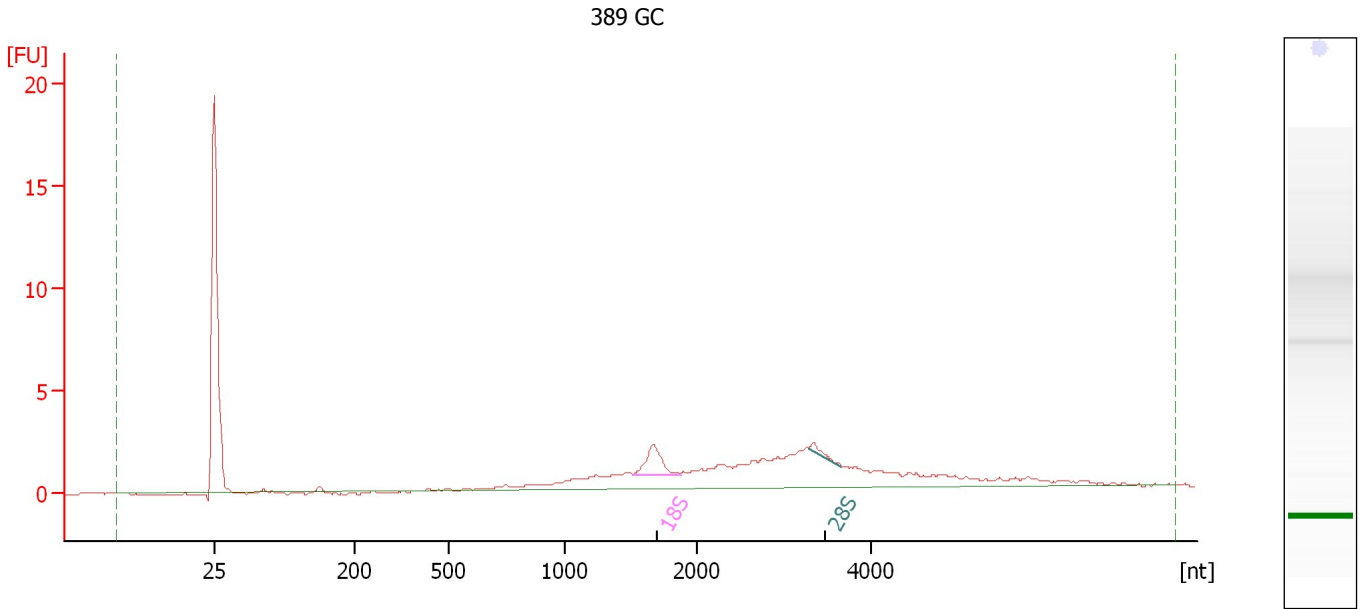
**Overall Results for Ladder**

RNA Area:	119.2	Result Flagging Color:	<span style="background-color: blue; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : 389 GC**

RNA Area:	42.9	RNA Integrity Number (RIN):	4.3 (B.02.08)
RNA Concentration:	360 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN: 4.30

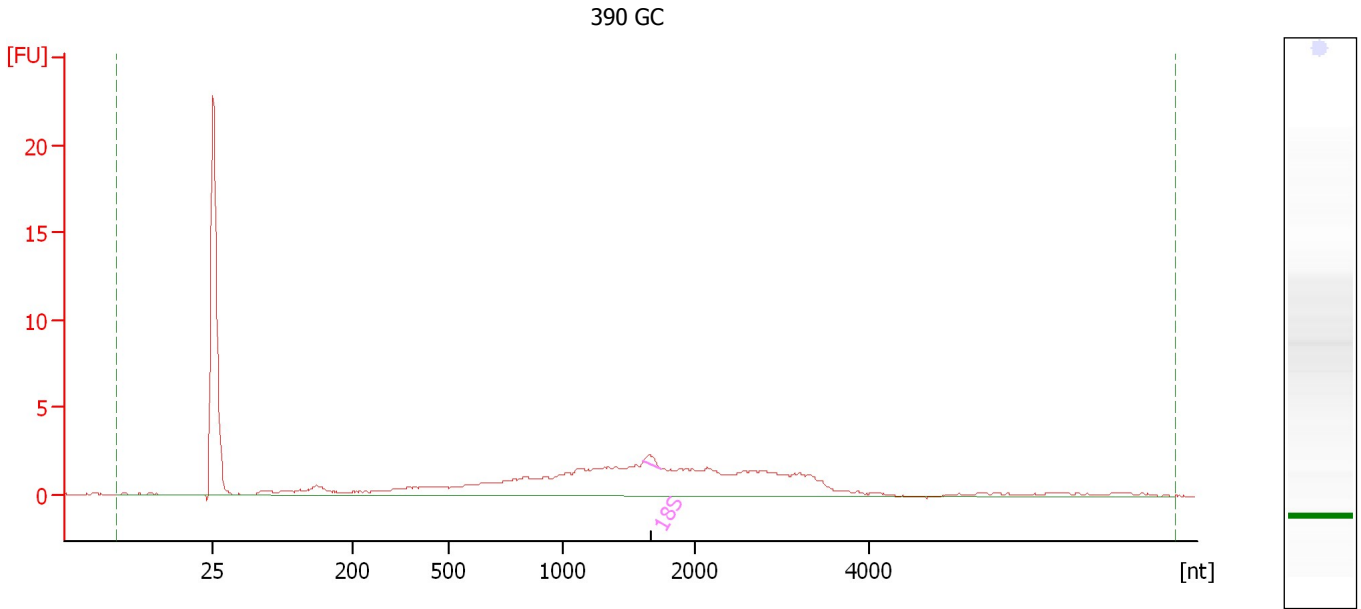
**Fragment table for sample 10 : 389 GC**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,511	1,868	2.6	6.0
28S	3,274	3,655	0.5	1.1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : 390 GC**

RNA Area:	61.5	RNA Integrity Number (RIN):	1.9 (B.02.08)
RNA Concentration:	516 µg/µl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.90

**Fragment table for sample 11 : 390 GC**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,607	1,737	0.5	0.8

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...\2100 expert\data\2017-08-23\2017-08-23\_001\_389GC\_390GC.xad

Created: 8/23/2017 11:16:01 AM  
Modified: 8/23/2017 11:43:19 AM

**Gel Image**

