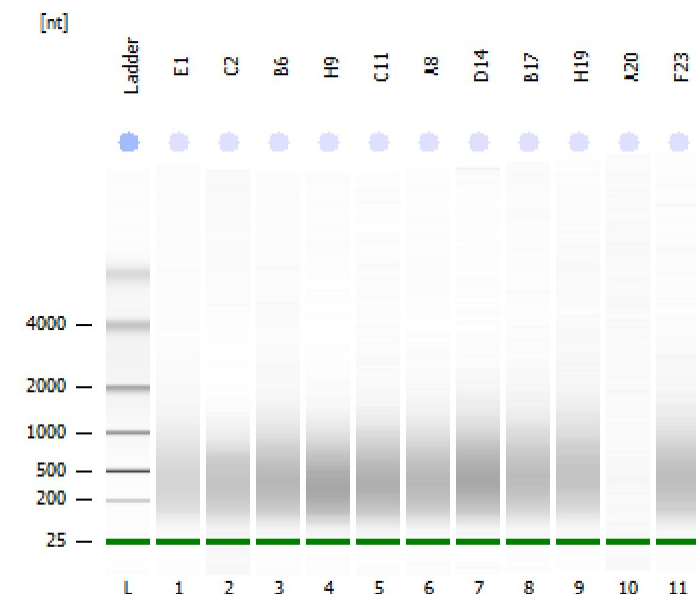


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152
Serial#: DE34903152

Firmware: C.01.069
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files (x86)\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)

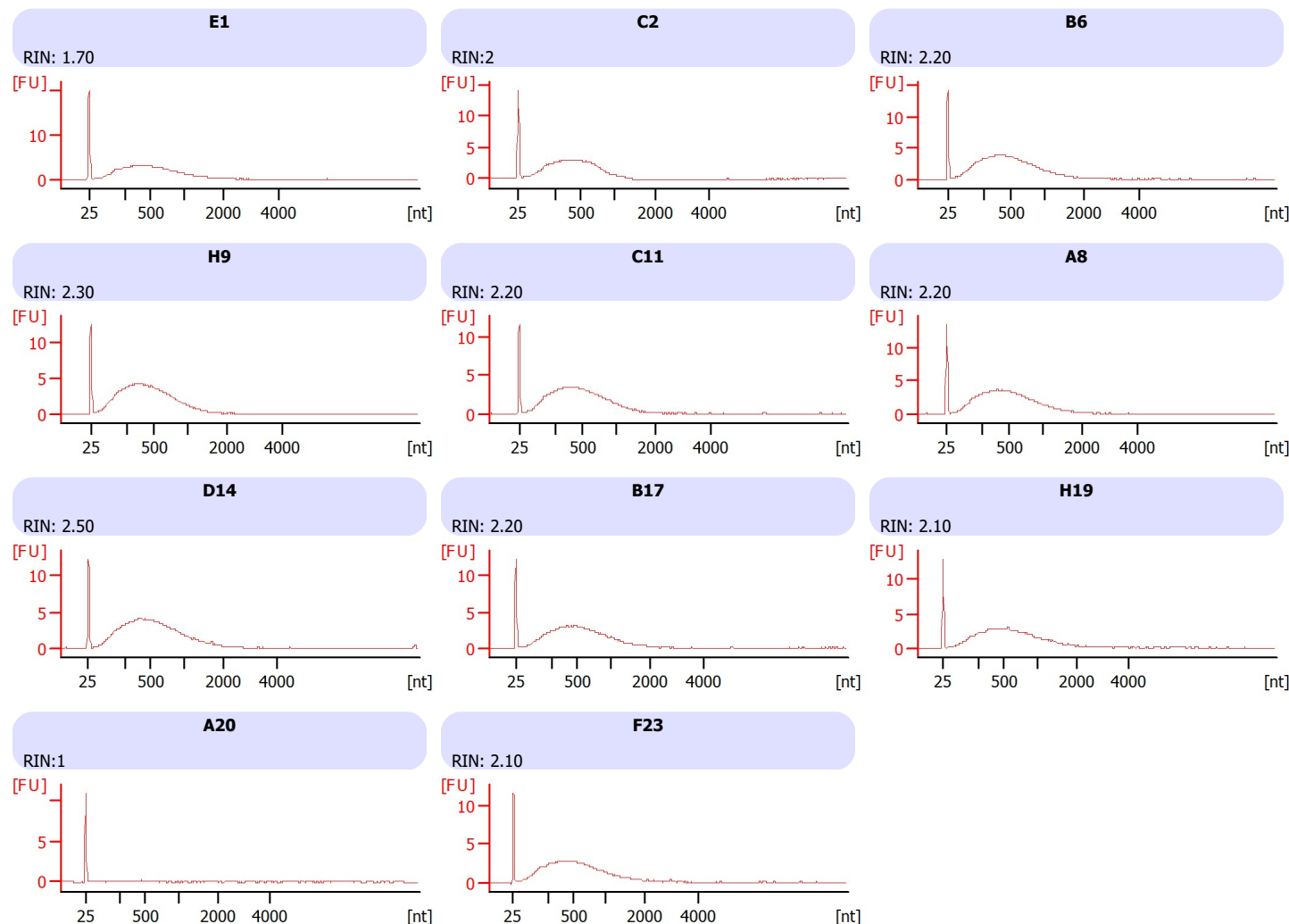
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
E1		✓	RIN: 1.70	
C2		✓	RIN:2	
B6		✓	RIN: 2.20	
H9		✓	RIN: 2.30	
C11		✓	RIN: 2.20	
A8		✓	RIN: 2.20	
D14		✓	RIN: 2.50	
B17		✓	RIN: 2.20	
H19		✓	RIN: 2.10	
A20		✓	RIN:1	
F23		✓	RIN: 2.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
 Modified: 5/27/2025 2:57:00 PM

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/μl] : 1000
 Lower Marker Concentration [pg/μl] : 0
 Upper Marker Concentration [pg/μl] : 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

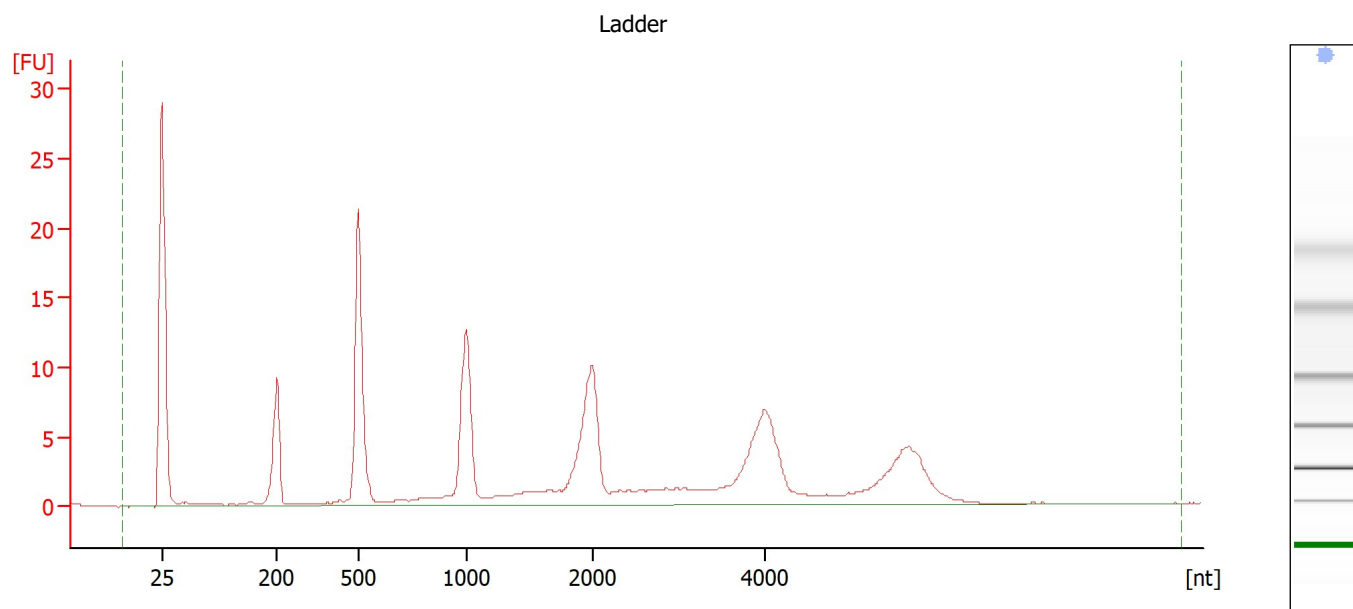
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 159.1

Result Flagging Color:



RNA Concentration: 1,000 pg/μl

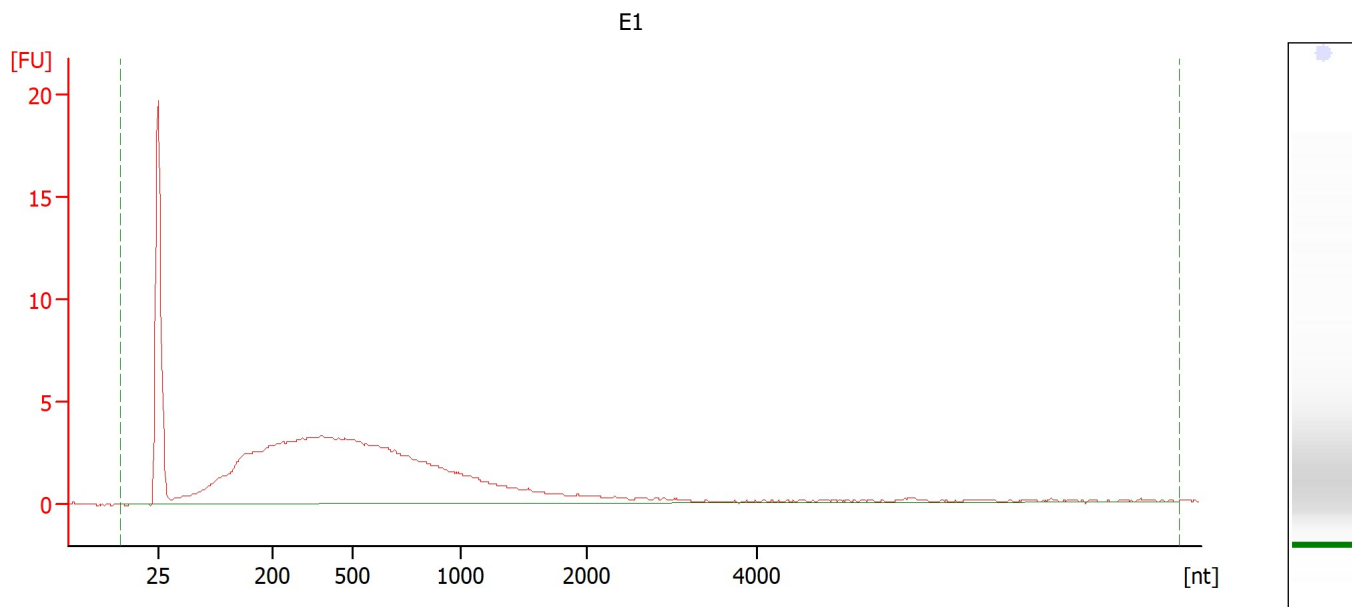
Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



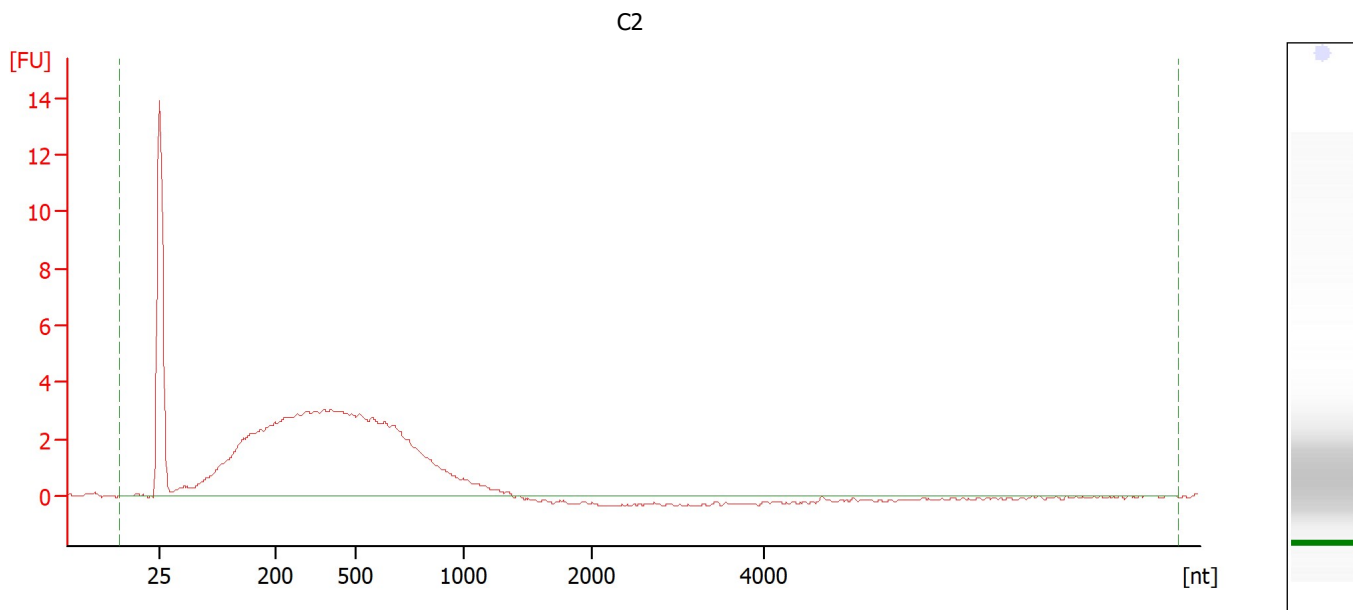
Overall Results for sample 1 : E1

RNA Area:	122.1	RNA Integrity Number (RIN):	1.7 (B.02.10)
RNA Concentration:	768 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.70

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



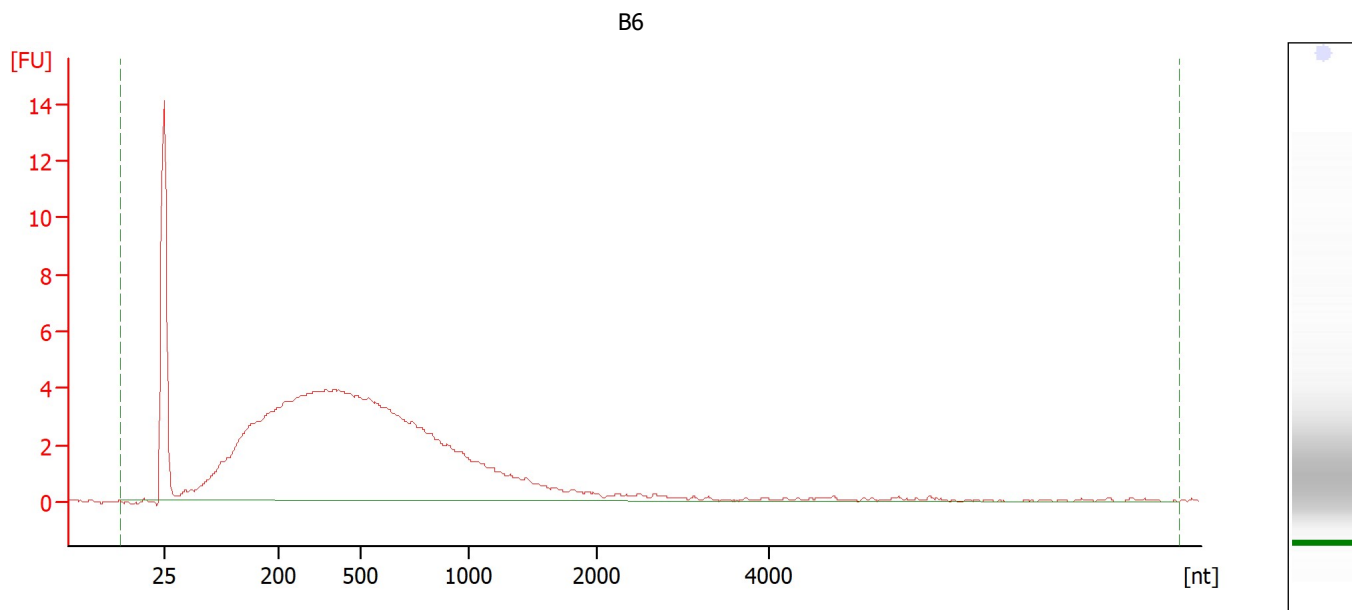
Overall Results for sample 2 : C2

RNA Area:	92.5	RNA Integrity Number (RIN):	2 (B.02.10)
RNA Concentration:	582 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



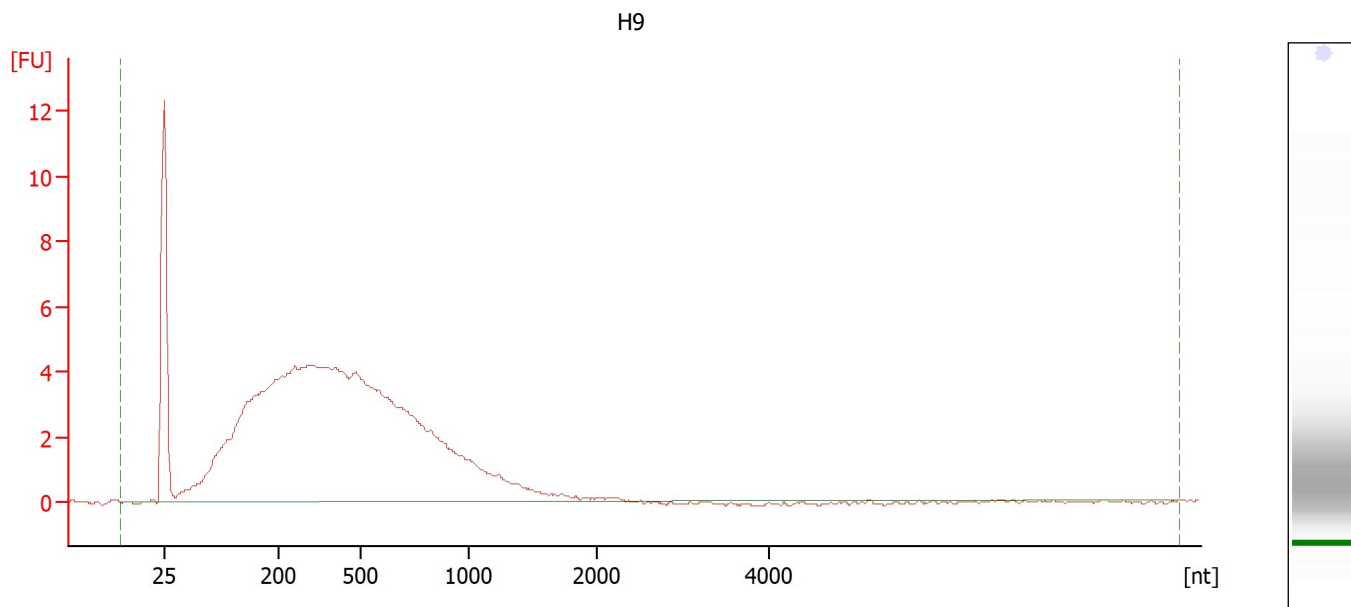
Overall Results for sample 3 : B6

RNA Area:	136.0	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	855 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



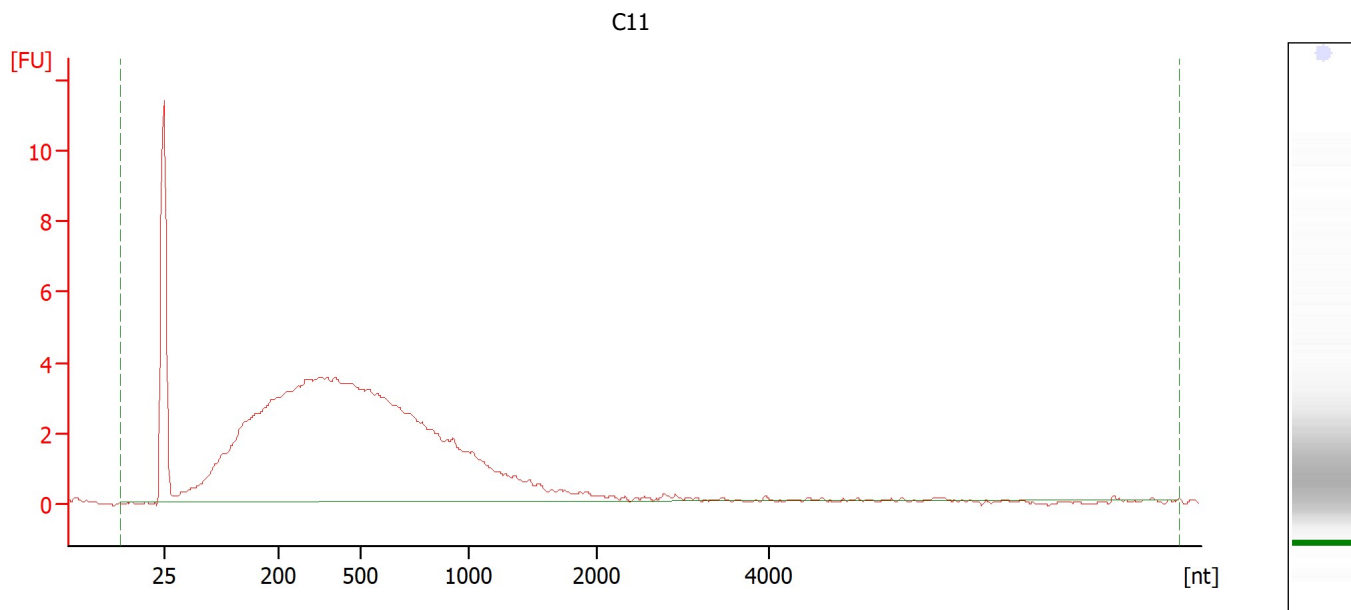
Overall Results for sample 4 : H9

RNA Area:	137.6	RNA Integrity Number (RIN):	2.3 (B.02.10)
RNA Concentration:	865 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



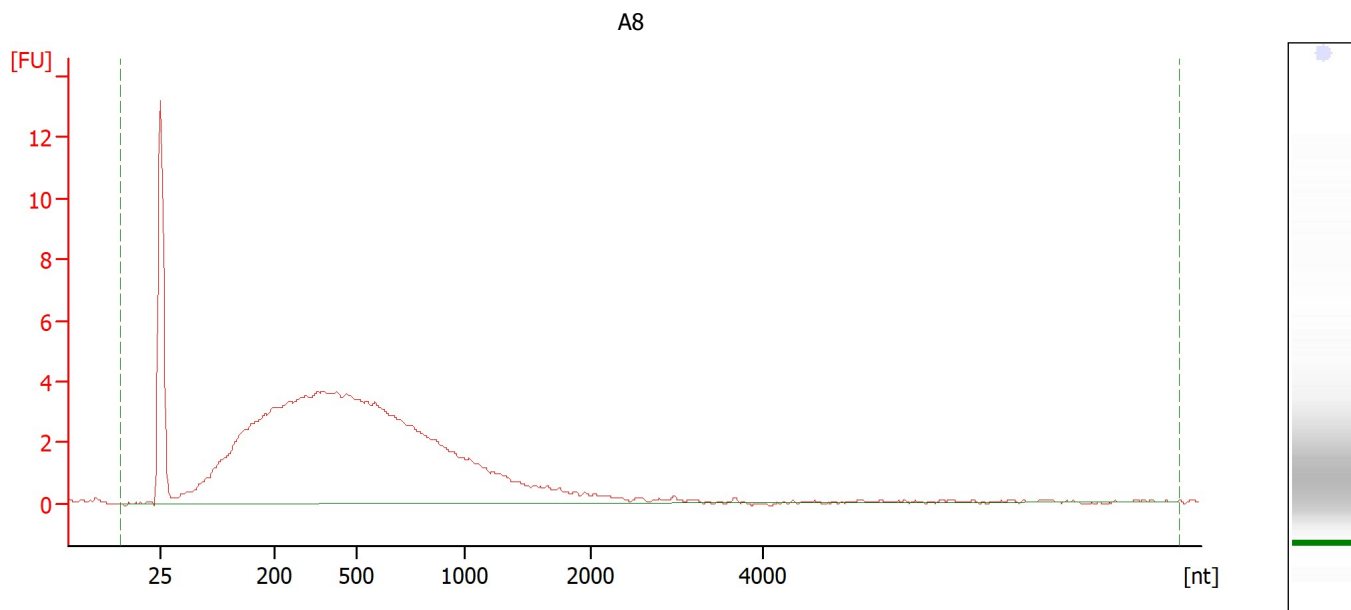
Overall Results for sample 5 : C11

RNA Area:	121.2	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	762 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



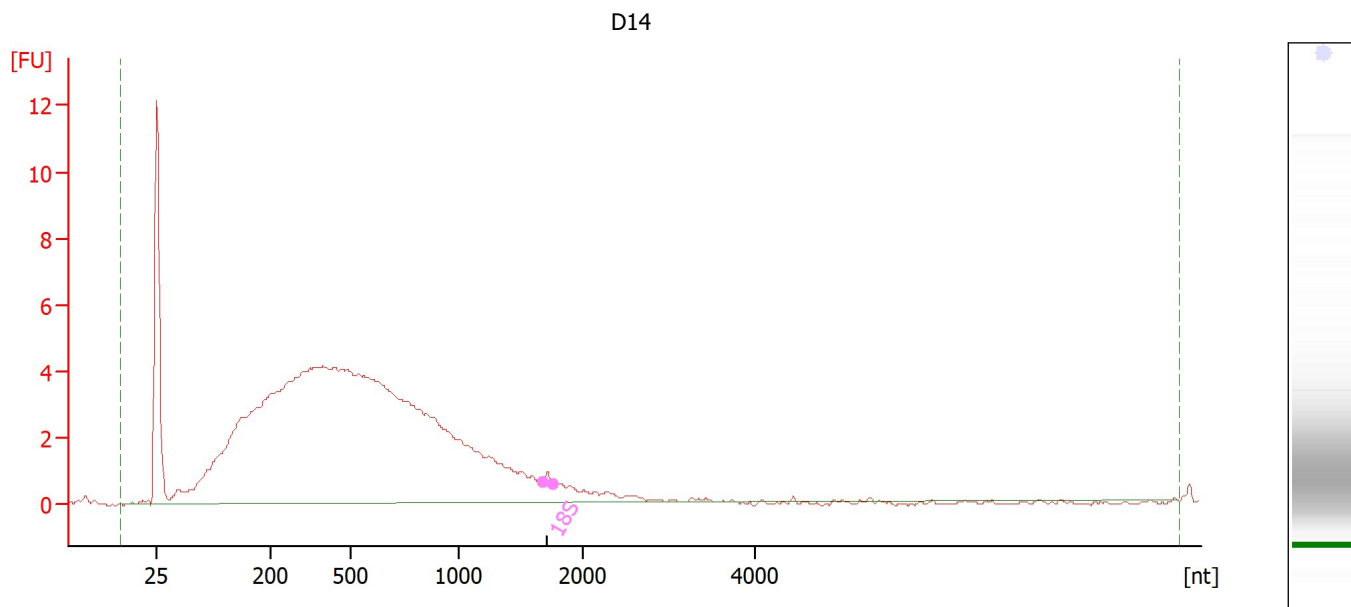
Overall Results for sample 6 : A8

RNA Area:	128.5	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	808 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : D14

RNA Area:	144.3	RNA Integrity Number (RIN):	2.5 (B.02.10)
RNA Concentration:	907 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

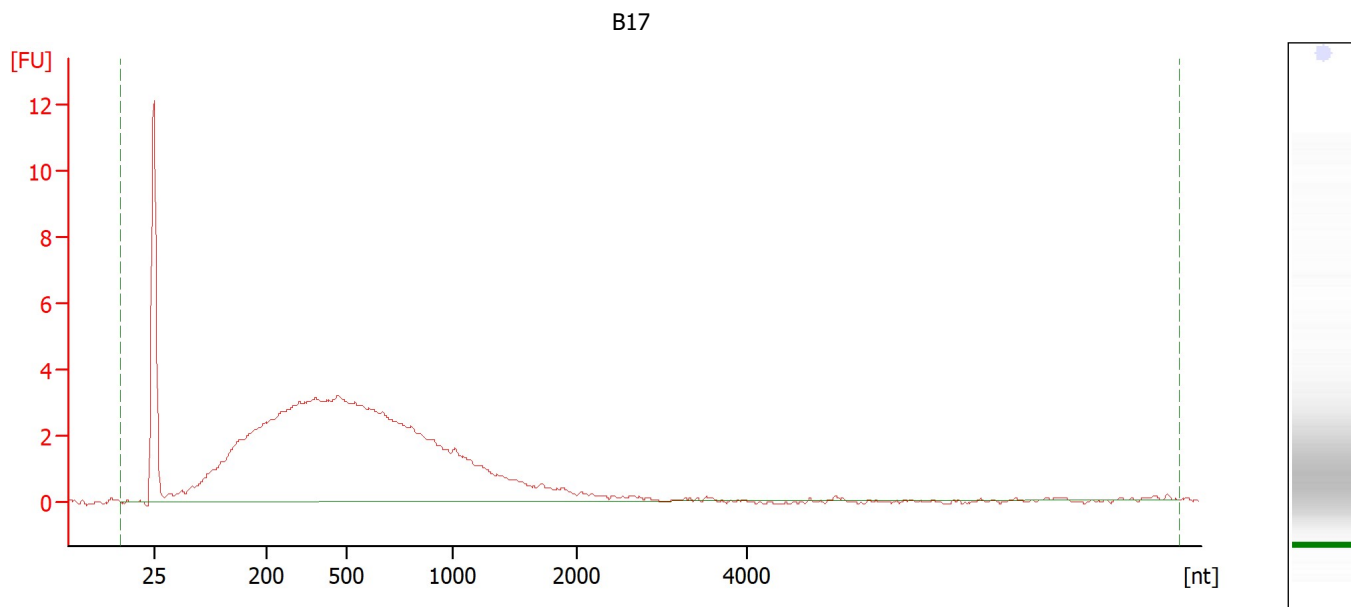
Fragment table for sample 7 : D14

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,674	1,750	0.2	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



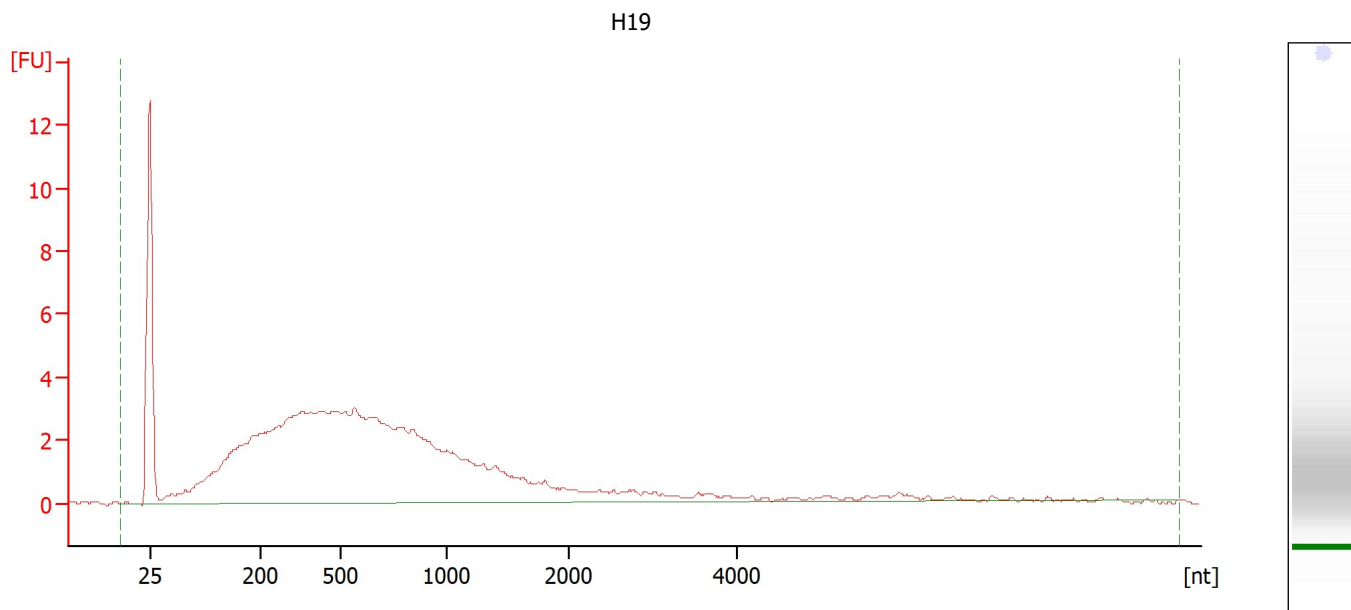
Overall Results for sample 8 : B17

RNA Area:	108.2	RNA Integrity Number (RIN):	2.2 (B.02.10)
RNA Concentration:	680 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



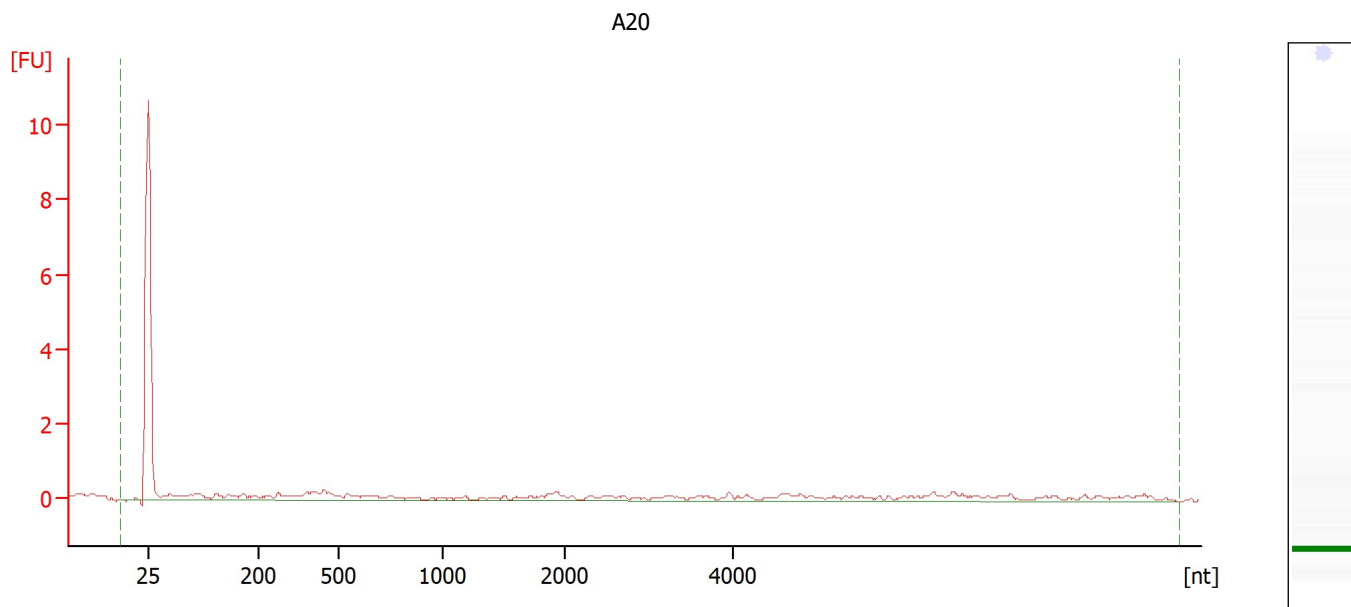
Overall Results for sample 9 : H19

RNA Area:	115.5	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	726 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



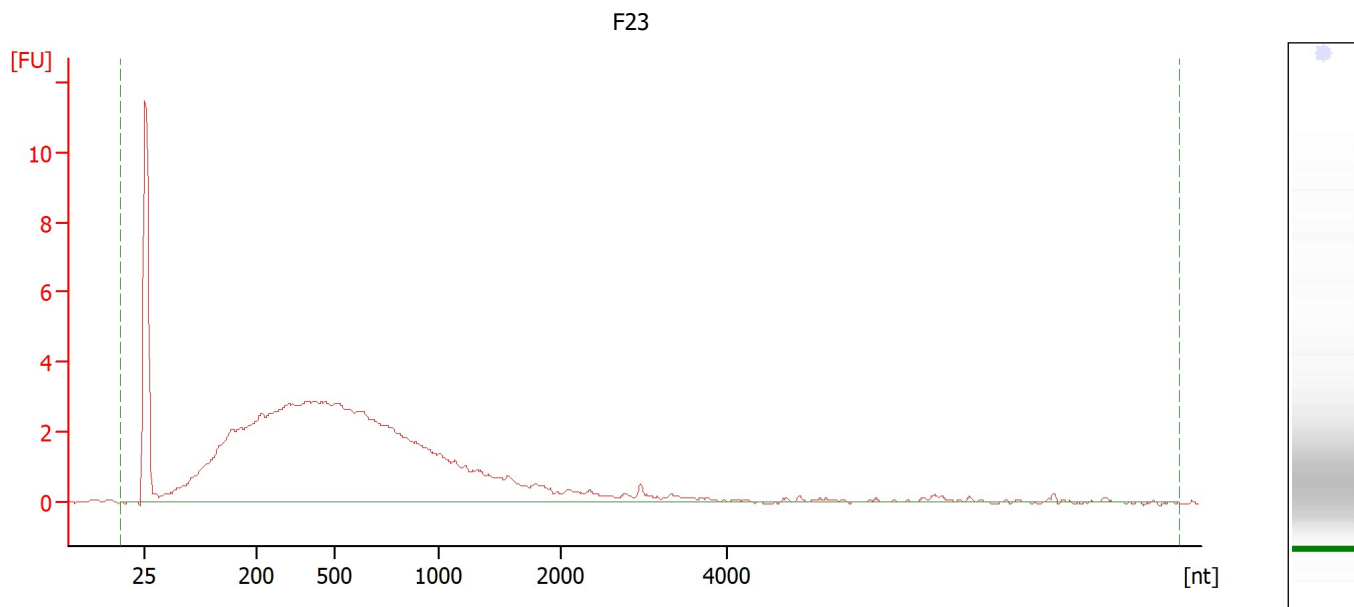
Overall Results for sample 10 : A20

RNA Area:	11.7	RNA Integrity Number (RIN):	1 (B.02.10)
RNA Concentration:	74 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Electropherogram Summary Continued ...



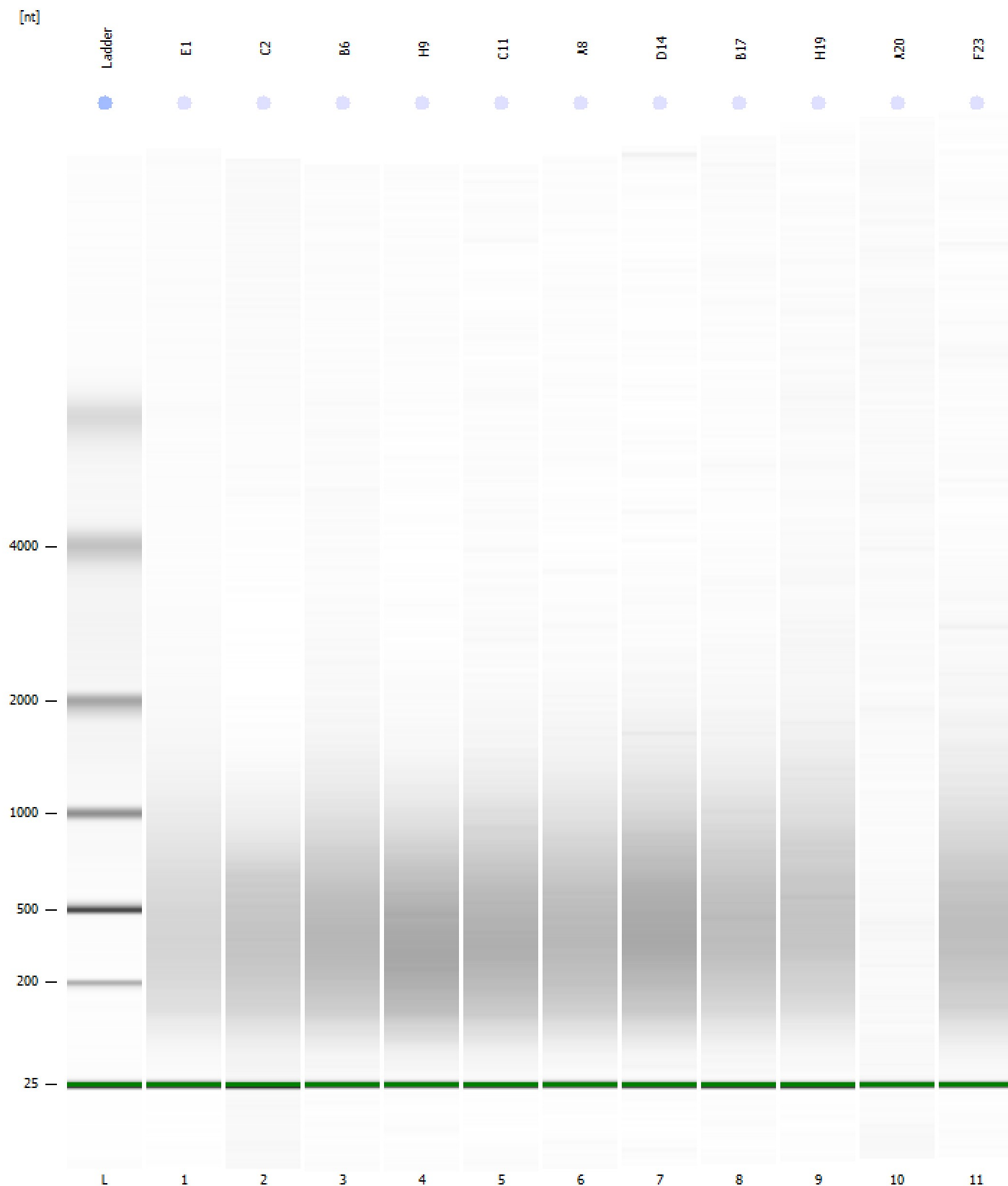
Overall Results for sample 11 : F23

RNA Area:	110.2	RNA Integrity Number (RIN):	2.1 (B.02.10)
RNA Concentration:	693 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad

Created: 5/27/2025 2:33:57 PM
Modified: 5/27/2025 2:57:00 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...zer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad
 Created: 5/27/2025 2:33:57 PM
 Modified: 5/27/2025 2:57:00 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		5/27/2025 2:56:58 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\2025-05-27\Bioanalyzer1_Eukaryote Total RNA Pico_DE34903152_2025-05-27_001.xad)		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		5/27/2025 2:34:05 PM	(GMT --07:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB