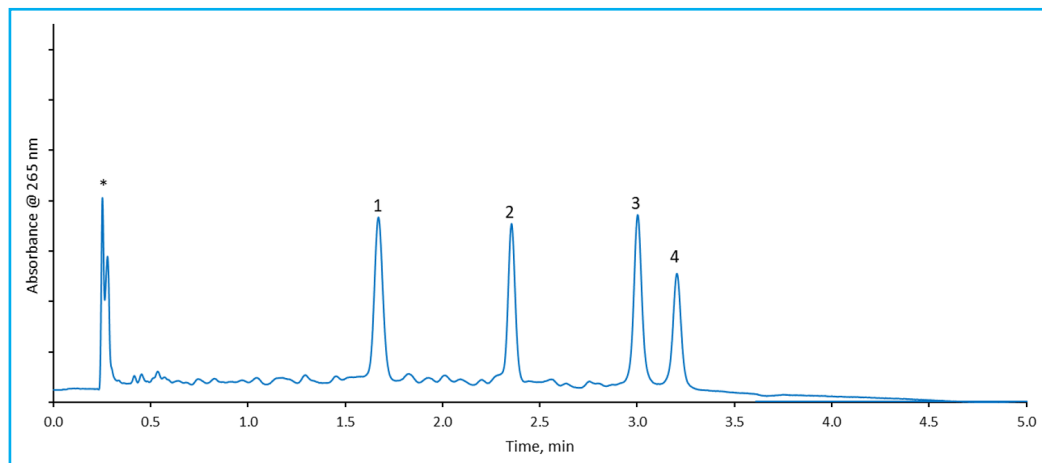




ssRNA Ladder Separation on HALO® OLIGO C18

381



PEAK IDENTITIES

- 1. 17 mer
- 2. 21 mer
- 3. 25 mer
- 4. 29 mer
- * Tris HCl/EDTA

TEST CONDITIONS:

Column: HALO 120 Å OLIGO C18, 2.7 µm, 2.1 x 50 mm

Part Number: P2A62-402

Mobile Phase A: 100mM TEAA, Adjusted to pH = 8.56

Mobile Phase B: ACN

Gradient:	Time	%B
	0.0	5
	5.0	10
	5.3	60
	5.6	60
	5.7	5
	9.0	5

Flow Rate: 0.4 mL/min

Back Pressure: 116 bar

Temperature: 60 °C

Injection: 3.0 µL, 30µg on Column

Sample Solvent: 10mM Tris HCl/1mM EDTA pH=8.0

Wavelength: PDA, 265 nm

Flow Cell: 1 µL

Data Rate: 40 Hz

Response Time: 0.05 sec.

LC System: Shimadzu Nexera X2

A ssRNA ladder of mixed sequence and length is separated on the HALO®OLIGO C18 column. The RNA, ranging from 17 - 29 mer in length, show less retention compared to similar length ssDNA samples, but are still baseline separated. Using the HALO®OLIGO C18 column not only can DNA be analyzed but RNA samples can also be analyzed with ease.

