

Zenix™ SEC-150 and Zenix™ SEC-300 comparison

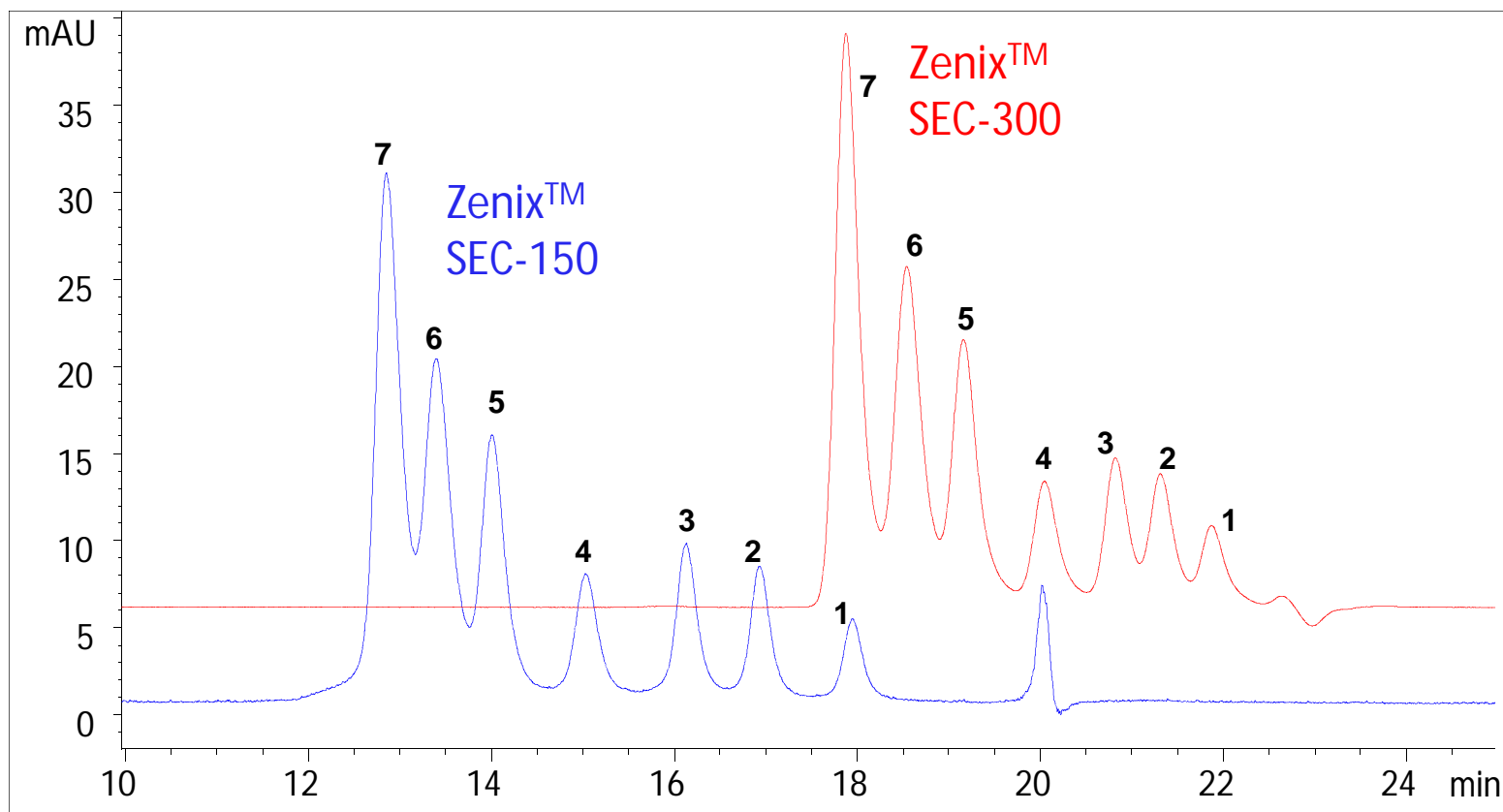
Column: Zenix™ SEC- 300, Zenix™ SEC-150, 7.8 x 300 mm

Mobile phase : 150 mM Phosphate buffer, pH 7; Flow rate: 0.5 mL/min;

Detector: UV 260 nm, Column temperature: 25 °C;

Injection volume: 30 µL; Pressure: 41 bar;

Sample: 1) dA10, 2) dA15, 3) dA20, 5) dA40, 6) dA50, 7) dA60, 0.1 µM each in water
4) 5'-ATATCTACACGGCTACCCGTACCAATGCTGCTTCC-3' (35 nt)



300 Å gives better resolution for longer oligonucleotides (>30 nt), 150 Å separates poly dAs with baseline resolution for shorter oligos (<35 nt)