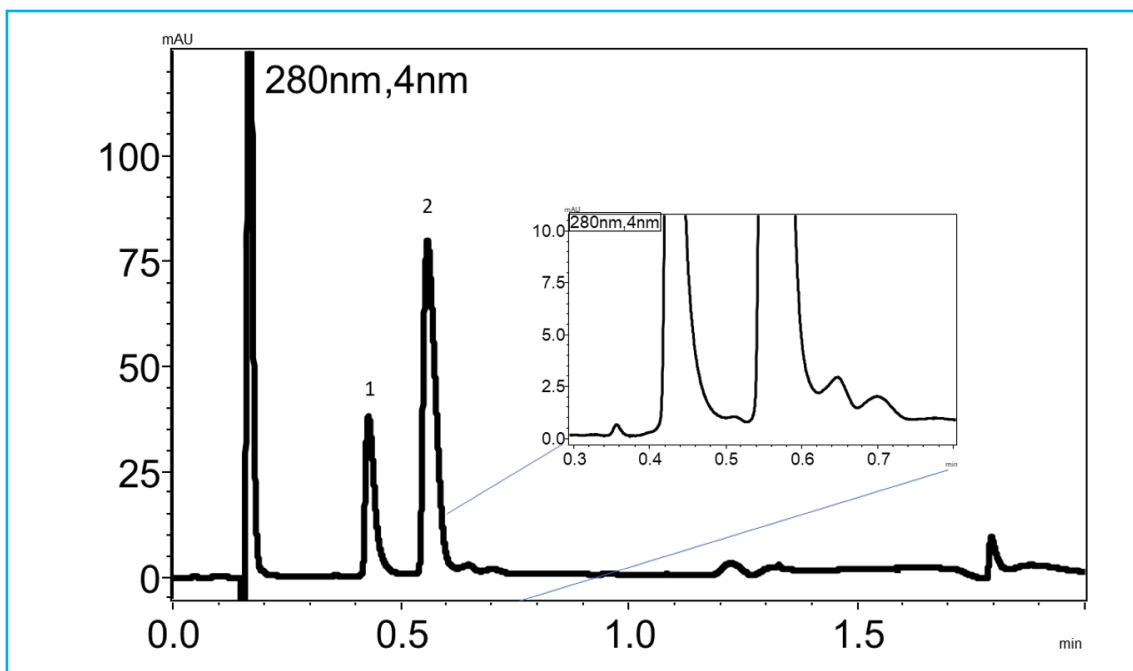




Rapid Separation of Reduced Trastuzumab on HALO 1000 Å Diphenyl

358



TEST CONDITIONS:

Column: HALO 1000 Å Diphenyl, 2.7 μ m, 1.5 x 50 mm
 Part Number: 9271X-426
 Mobile Phase A: water/0.1% formic acid
 Mobile Phase B: acetonitrile/0.1% formic acid
 Gradient: 29 - 38 %B in 1 min
 Flow Rate: 0.4 mL/min
 Pressure: 160 bar
 Temperature: 60 °C
 Detection: 280 nm
 Injection Volume: 0.5 μ L of 1 mg/mL reduced trastuzumab
 Sample Solvent: 6 M guanidine HCl/50 mM ammonium bicarbonate/10 mM DTT
 Data Rate: 100 Hz
 Response Time: 0.025 sec
 Flow Cell: 1 μ L
 LC System: Shimadzu Nexera X2

PEAK IDENTITIES

1. Light Chain
2. Heavy Chain

A rapid separation of reduced trastuzumab is performed on a HALO 1000 Å Diphenyl, 2.7 μ m column in 1.5 x 50 mm. The column is run at twice the usual flow rate to demonstrate how the Fused-Core® particle design enables fast separation while maintaining the resolution of the separation.

