

Jupiter® 300 C4 - Effect of Varying Mobile Phase Gradient Conditions

Column: Jupiter® 5 µm C4 300 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4167-E0

Elution Type: Gradient

Eluent A: 0.1% TFA in Water

Eluent B: 90% ACN 0.09% TFA in Water

Gradient	Step No.	Time (min)	Pct A	Pct B
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Profile:	1	0	80	20
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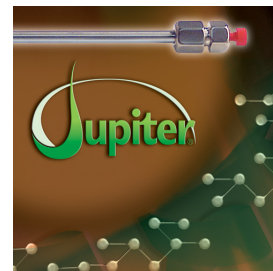
2 25 45 55

Flow Rate: 1 mL/min

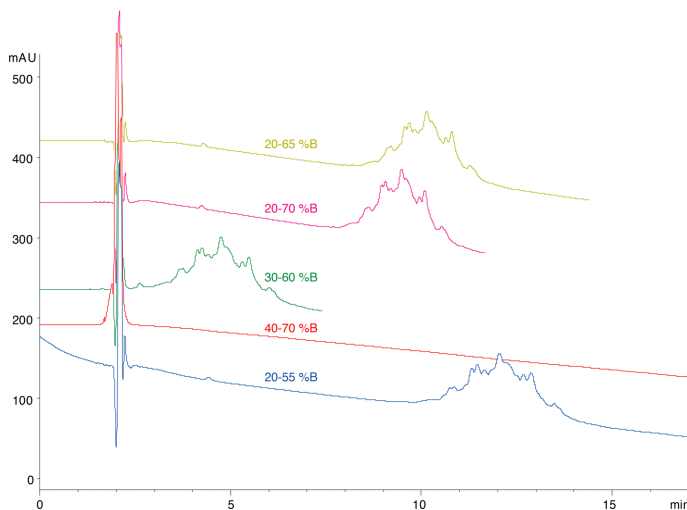
Col. Temp.: 45 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (ambient)

Analyst Note: Reversed phase runs of PEGylated ribonuclease A using different gradient conditions on a Jupiter 300 C4 column (gradient length = 15 min) show that if initial 0%R is increased much above 250% then retention and resolution of PEGylated forms is lost. Gradient slopes of between 1-2%/min



Products used in this application:

**ANALYTES:**

- ## 1 PEGylated Ribonuclease A