

# HPLC Application

ID No.: 16193

## PEGylated Insulin on Jupiter<sup>®</sup> 300 C4, C18 and Two Experimental Columns

**Column:** Jupiter<sup>®</sup> 5  $\mu$ m 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 and 2% ACN in Water

**Eluent B:** 70/20% ACN/IPA, 0.08% TFA in Water

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	85	15
	<b>2</b>	25	30	70

**Flow Rate:** 1 mL/min

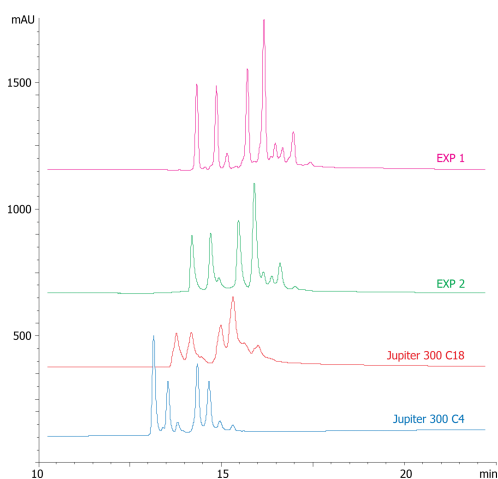
**Col. Temp.:** 45 °C

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

**Analyst Note:** Reversed phase of PEGylated Insulin run on listed columns. Note the reduced resolution for the Jupiter C18 and EXP 2 column which compare to the Jupiter C4 column. Although it is difficult to visualize, the Jupiter actually has better resolution of PEGylated forms than the EXP 1 column.



Products used in this application:



### ANALYTES:

- 1 PEGylated Insulin

