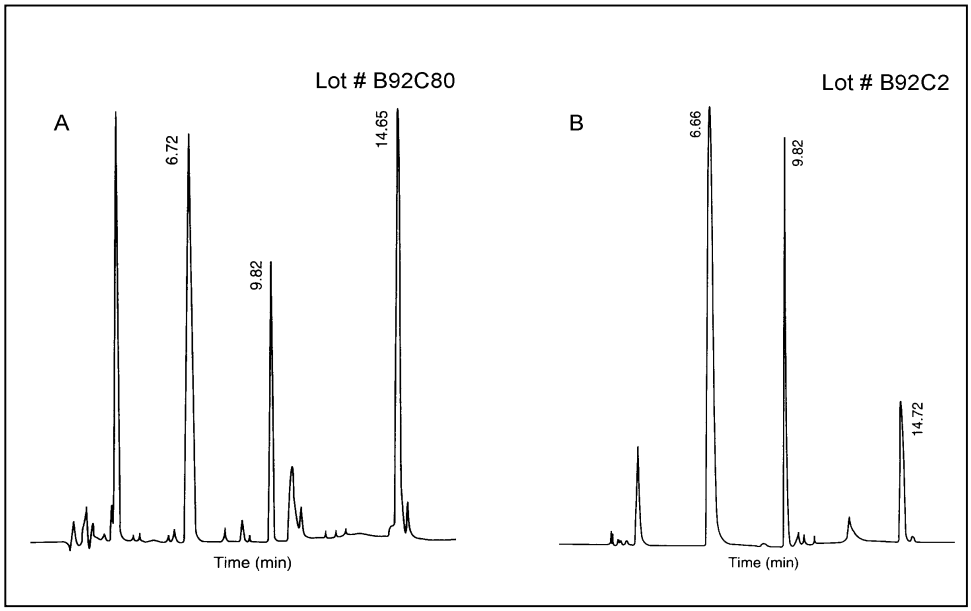
Lot-to-Lot Reproducibility
Neuro EndoPeptidase (NEP) Inhibitor

Application

Technical

Robert Ricker



Conditions:
ZORBAX Rx-C18 (4.6 X 150 mm) (Agilent P/N: 883967-902)
1 mL/min; 40°C; Detect. UV(254 nm)
Gradient: 38-70% B in 10 min.
Mobile Phase: A = 0.1 M $NaClO_4$, pH 2.3
B = 26% A + 74% ACN

Highlights

- *In this gradient-elution separation on different lots of ZORBAX Rx-C18 silica, there was less than 1% difference in elution times.*
- *High reproducibility in elution patterns of basic drugs demonstrates the careful lot-to-lot manufacture of ZORBAX Rx and StableBond columns.*
- *Consistent elution and good peak shape of these 'silanol-sensitive' basic drugs results from the extremely homogenous silanol surface and low acidity of ZORBAX Rx-SIL.*

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Printed in the USA
April 25, 2002
5988-6472EN

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