

## **Comparison of Micro and Regular Flow** Cell Using ZORBAX 300SB-C8 (3.5 µm)

Application Technical **Robert Ricker** 

The use of a micro flow cell is suggested when using small particle-size column packings. Comparison of flow cells using a 3.5 µm short ZORBAX 300SB-C8 illustrates reduction of band broadening and improvement of peak resolution for proteins and peptides using a micro flow cell.



Injection: 10µL, 1-6 µg protein, 1 mL/min, 35°C, Detect. UV( 215 nm) micro flow cell

## Highlights

- ZORBAX 300SB-C8 (3.5µm) with 50-mm column length can reduce time of analysis for peptides and proteins without sacrificing efficiency.
- By reducing the flow cell size, extracolumn volume effects are minimized with small particle-size packing.



Robert Ricker is an application chemist based at Agilent Technologies, Wilmington, Delaware.

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