

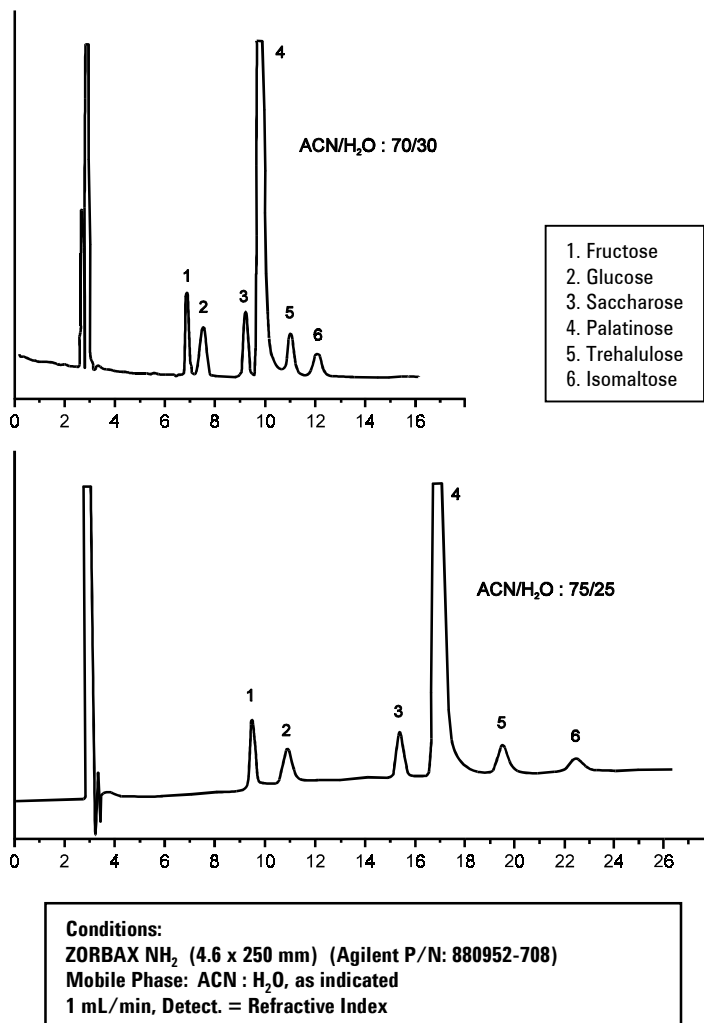
Effect of Mobile-Phase Strength in Separations of Mono- and Disaccharides

Application
Food Analysis
Robert Ricker

Sugars are important component of many foodstuffs derived from plant and animal sources. Sugars are also of great clinical importance. They have traditionally separated by normal-phase on NH_2 bonded phases. Effect of mobile-phase solvent strength in these separations is demonstrated for various mono- and disaccharides.

Highlights

- Good resolution of various mono- and disaccharides is obtained using a ZORBAX NH_2 column.
- Retention of sugars increases with increasing organic content in the mobile phase.



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