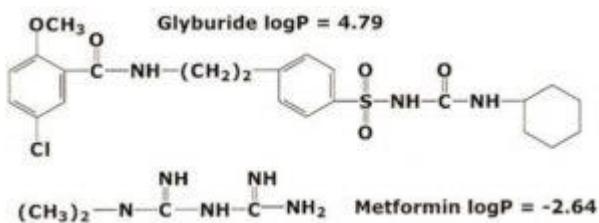
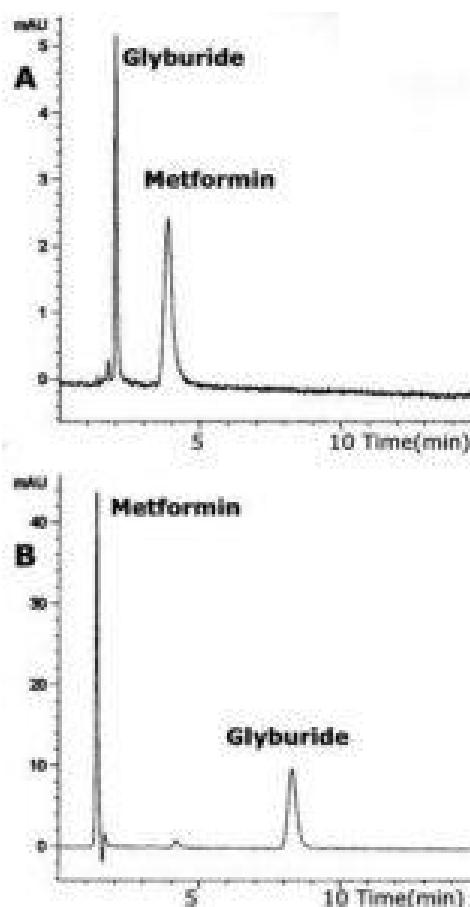




Glyburide and Metformin Analyzed with HPLC - AppNote

Separation of Highly Polar and Non-Polar Compounds in one Isocratic run

In this Method, the polar compound, Metformin, and the nonpolar compound Glyburide, can be retained on the same Stationary Phase (see A & B). Depending on the Mobile Phase composition either Metformin or Glyburide can be retained longer.



Method Conditions

Column: Cogent Bidentate C18TM, 4 μ m, 100 \AA

Catalog No.: 40018-75P

Dimensions: 4.6 x 75mm

Mobile Phase:

A: 15% DI Water / 85% Acetonitrile / 0.5% Formic Acid

B: 50% DI Water / 50% Acetonitrile / 0.5% Formic Acid

Injection vol.: 1 μ L**Flow rate:** 0.5mL / minute**Detection:** UV @ 254nm**Sample Preparation:** Stock Solution: 100 μ g / μ L Glyburide and Metformin

Notes: Elution order was confirmed by LCMS, APCI+, with single ion monitoring Metformin (m/z 130) and Glyburide (m/z 369).

**Attachment No 08 Glyburide and Metformin Analyzed with HPLC pdf 0.2 Mb** [Download File](#)

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