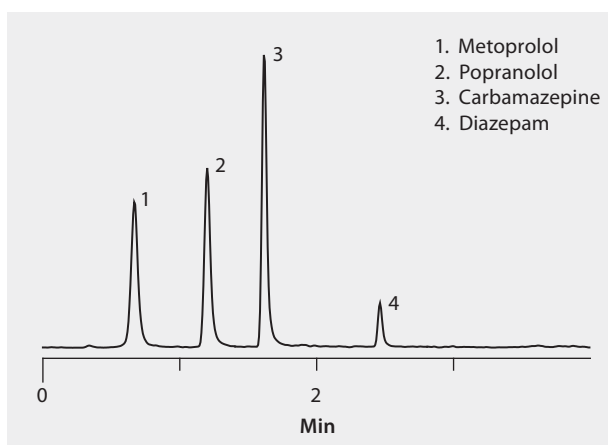


## UHPLC/MS Analysis of Various Drug Substances on Titan™ C18

A Titan C18 column provided rapid, baseline resolution of this set of drug substances. Fluka LC-MS Ultra CHROMASOLV solvents were used to supply low background interference and low particulate contaminants for robust, trouble-free operation. Cerilliant CRMs provided reliable identification and quantification.

column ..... Titan C18, 5 cm x 2.1 mm I.D., 1.9 µm particles (577122-U)  
mobile phase ..... [A] 5 mM ammonium formate; [B] 5 mM ammonium formate in 90:10 (v:v) acetonitrile:water  
gradient ..... 30 to 70% B in 3.0 min  
flow rate ..... 0.3 mL/min  
column temp. .... 35 °C  
detector ..... MS/MS  
injection ..... 3 µL  
sample ..... 50 ng/mL in methanol  
Application No. .... G006149



### Related Products

#### analytical column

Titan™ C18 UHPLC Column, 1.9 micron ([Supelco 577122-U](#))

#### mobile phase component

Acetonitrile ([Fluka 14261](#))

Ammonium formate ([Fluka 14266](#))

Water ([Fluka 14263](#))

#### standard

Carbamazepine solution ([Cerilliant C-053](#))

Diazepam solution ([Cerilliant D-907](#))

Metoprolol tartrate solution ([Cerilliant M-123](#))

Propranolol hydrochloride solution ([Cerilliant P-055](#))