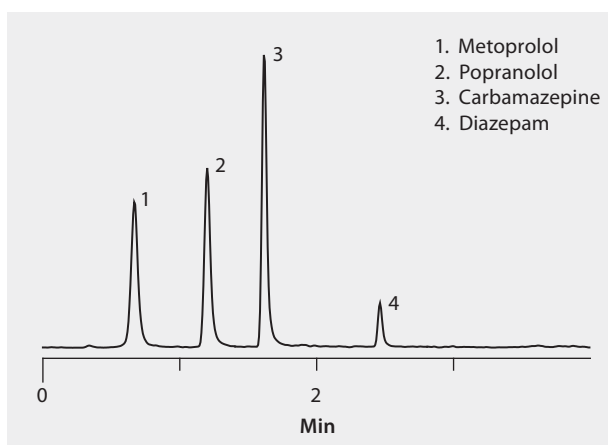


## UHPLC/MS Analysis of Various Drug Substances on Titan™ C18

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](#))