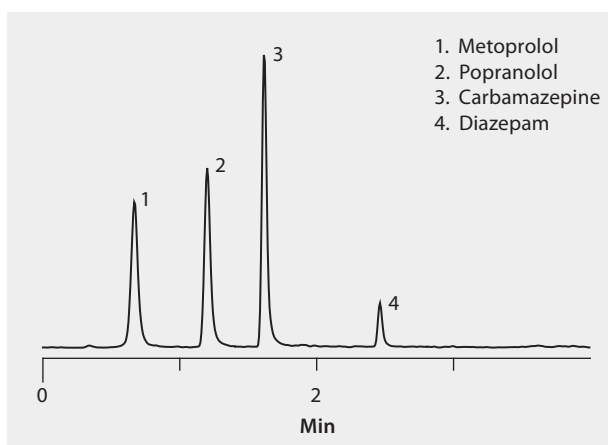


UHPLC/MS Analysis of Various Drug Substances on Titan™ C18

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](#))