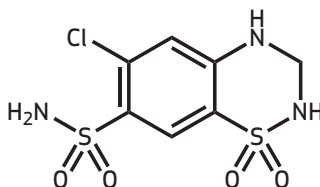


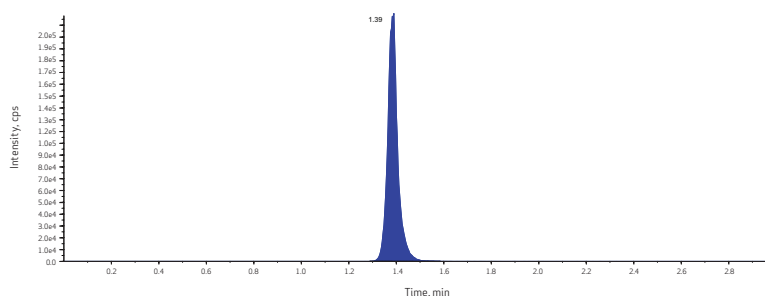
SiliaChrom® SB C18

SILICYCLE
UltraPure SILICA GELS

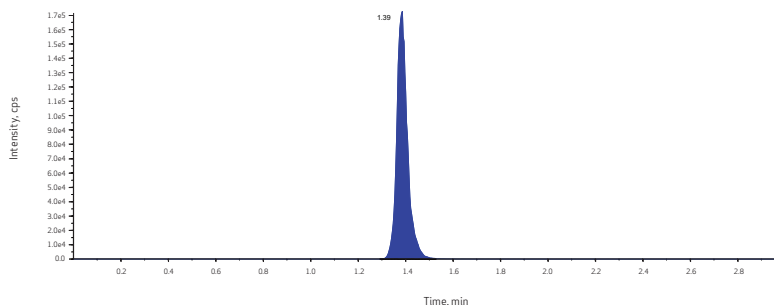
High Performance Liquid Chromatography - Tandem Mass Spectrometry for Hydrochlorothiazide in Human Plasma



Hydrochlorothiazide in Standard Solution



Hydrochlorothiazide in Human Plasma



Conditions

Mass System: API 4000 Q TRAP tandem mass spectrometer

Mass Condition: Multiple reaction monitoring (MRM) mode; electrospray ionization (ESI) in the positive ion mode; m/z 295.7→269.0 was used to quantify hydrochlorothiazide.

Column: SiliaChrom SB C18, 5 µm

Column Size: 2.1 x 150 mm

Mobile Phase: 0.01M ammonium acetate solution containing 0.1% formic acid/acetonitrile (10/90, v/v)

Flow Rate: 0.2 mL/min

Temperature: 25°C

Injection volume: 5 µL

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