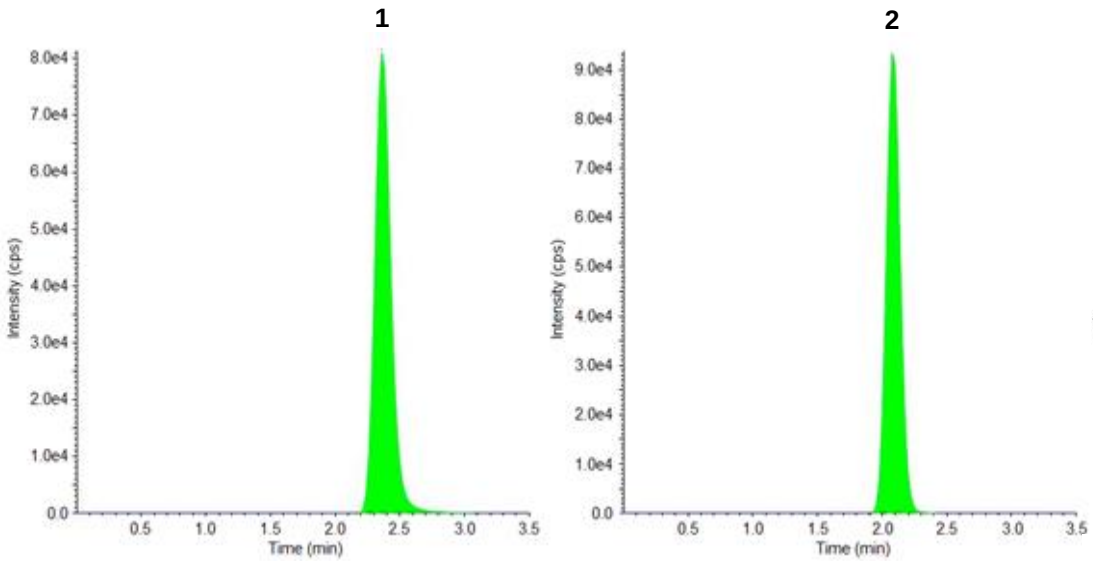
Olanzapine in Human Plasma by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

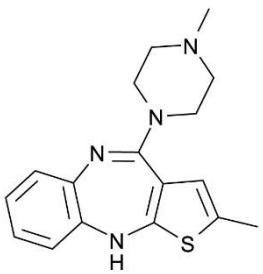
Application #AN2520

Conditions

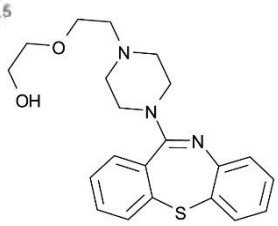
Column:	ACE 5 C18-300
Dimensions:	100 x 4.6 mm
Part Number:	ACE-221-1046
Mobile Phase:	MeCN/0.01% ammonia in 2 mM ammonium formate pH 6.6 (85:15 v/v)
Flow Rate:	0.9 mL/min
Injection:	5 µL
Detection:	API 4000 triple quad MS Turbo Ion Spray in positive mode Ion Spray voltage: 5500 V Temperature: 550 °C



MRM chromatograms of plasma sample after administration of 5 mg dose of olanzapine



1. Olanzapine
m/z 313.2 → 256.2)



2. Quetiapine (IS)
(*m/z* 384.2 → 253.2)

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