

Rivaroxaban in Human Plasma by LC-MS/MS

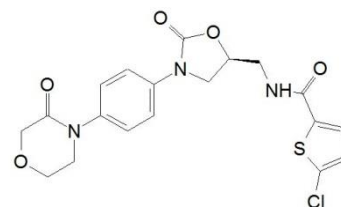
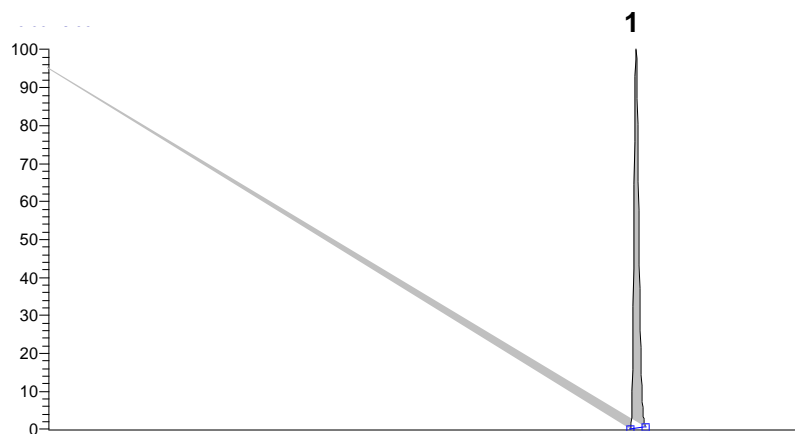
Application #AN4650

Conditions

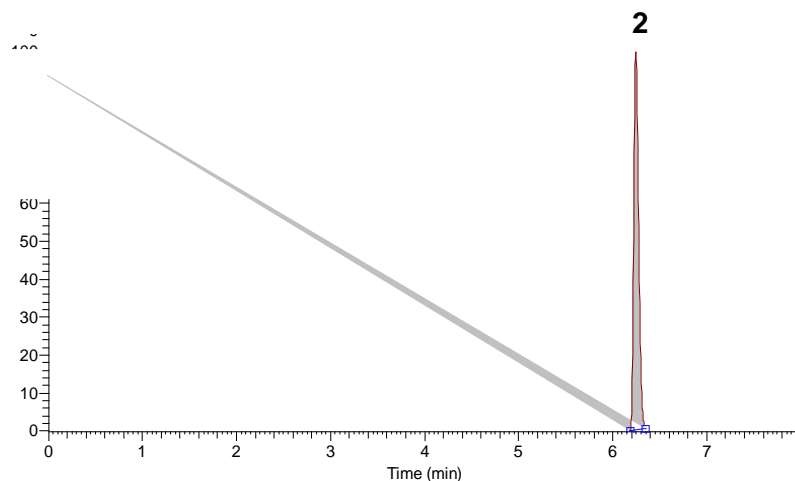
Column: ACE 3 C18-PFP
Dimensions: 150 x 2.1 mm
Part Number: ACE-1110-1502
Mobile Phase: A: 10 mM ammonium formate pH 4.0 in H₂O
B: MeCN

Time (mins)	%B
0.0	10
3.0	100
4.0	100
4.1	10
8.0	10

Flow Rate: 0.2 mL/min
Injection: 5 µL
Temperature: 50 °C
Detection: Thermo TSQ Quantum MS
ESI in positive ion mode
Sample: Human plasma



1. Rivaroxaban
(*m/z* 436.0 → 144.8-145.0)



2. ¹³C₆-Rivaroxaban (I.S.)
(*m/z* 442.0 → 144.8-145.0)