Itraconazole and Hydroxyitraconazole in Human Whole Blood by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

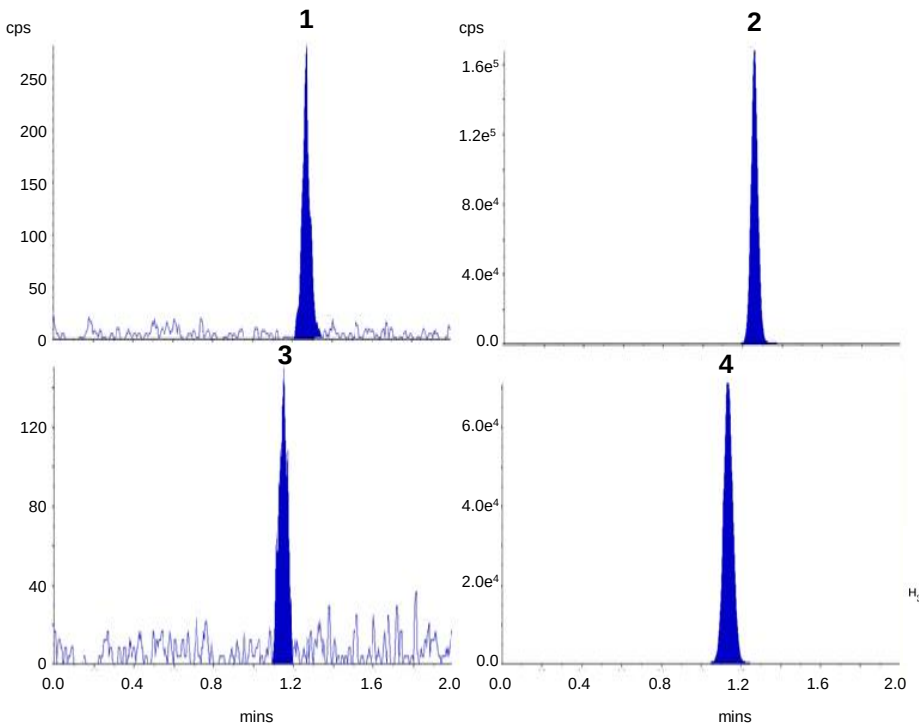
Application #AN3380

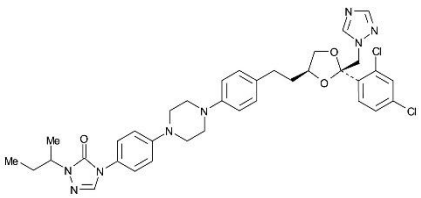
Conditions

Column:	ACE 3 C18-AR
Dimensions:	50 x 2.1 mm
Part Number:	ACE-119-0502
Mobile Phase:	A: 10 mM ammonium acetate in H_2O
	B: 10 mM ammonium acetate in MeOH

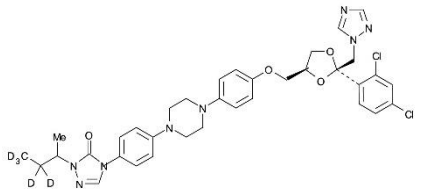
Time (mins)	%B
0	75
2	98
3	98

Flow Rate:	0.7 mL/min
Temperature:	45 °C
Detection:	AB Sciex 4000
	ESI positive ion mode
Sample:	1.0 ng/mL human whole blood (LLOQ)

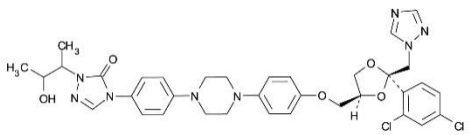




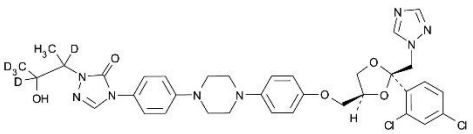
1. Itraconazole
(*m/z* 705.3 → 392.3)



2. Itraconazole-d5
(*m/z* 710.4 → 397.4)



3. Hydroxyitraconazole
(*m/z* 721.3 → 408.2)



4. Hydroxyitraconazole-d5
(*m/z* 726.4 → 413.3)

Reproduced with permission of Agilux Laboratories, USA
© 2015 ACT Ltd. All rights reserved. All products are available worldwide.