Lansoprazole and Degradation Products Separation after Acidic Hydrolysis in 0.1 M HCl

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN1520

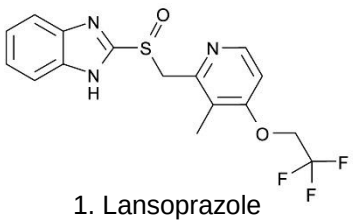
Conditions

Column:	ACE 5 SuperC18
Dimensions:	150 x 4.6 mm
Part Number:	EXL-1211-1546U
Mobile Phase:	A: 0.1% ammonia in H_2O
	B :0.1% ammonia in MeCN/H_2O (90:10 v/v)

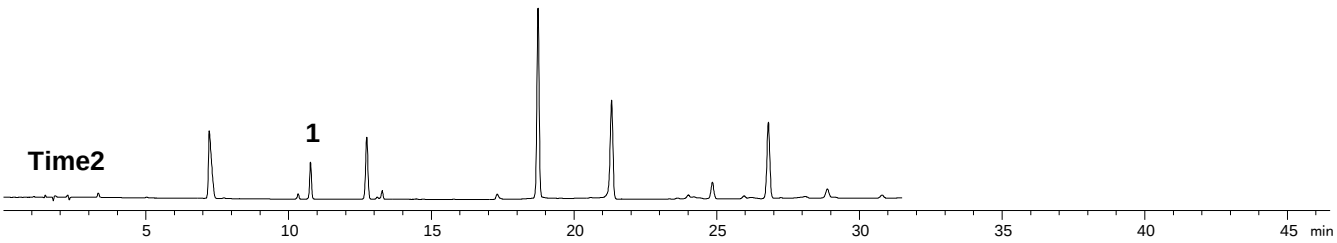
Time1 (mins)	Time2 (mins)	Time3 (mins)	%B
0.0	0.0	0.0	10
15.0	30.0	45.0	90
15.5	30.5	45.5	90
18.0	33.0	48.0	10

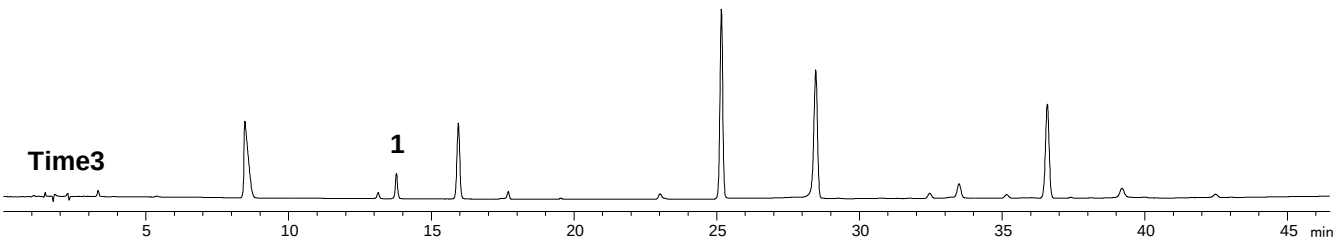
Post time 10 minutes

Flow Rate:	1 mL/min
Injection:	5 µL
Temperature:	30 °C
Detection:	UV, 280 nm



1. Lansoprazole





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