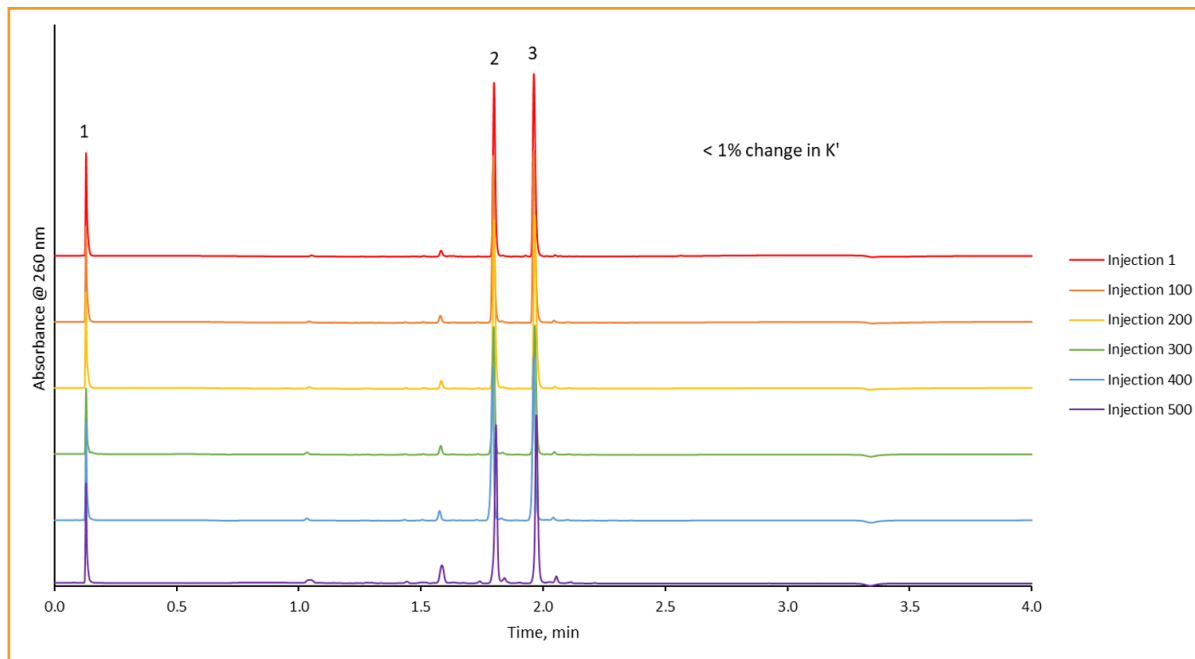




High Temperature/ pH Amitriptyline Stability using HALO® Elevate

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TEST CONDITIONS:

Column: HALO 120 Å ELV C18, 2.7 µm, 2.1 x 50 mm
 Part Number: 92272-402
 Mobile Phase A: 95/5 10mM Ammonium Bicarbonate,
 pH:10/ Acetonitrile
 Mobile Phase B: Acetonitrile

Gradient:	Time	%B
	0.0	0
	2.5	95
	3.0	95
	3.1	0
	5.0	0

Flow Rate: 0.8 mL/min
 Back Pressure: 220 bar
 Temperature: 60 °C
 Detection: UV/PDA, 260 nm
 Injection Volume: 1.0 µL
 LC System: Shimadzu Nexera X2

PEAK IDENTITIES:

1. Uracil
2. Acenaphthene
3. Amitriptyline

A high temperature/ high pH stability run of a common tricyclic antidepressant (amitriptyline) is achieved using a HALO® Elevate C18 column. Less than a 1% change in retention is achieved over 20,000 column volumes.

