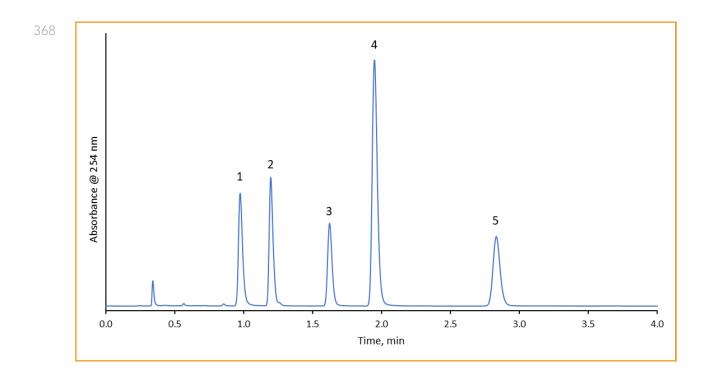
PHARMACEUTICALS

HALO

Separation of Antidepressants on HALO® Elevate



TEST CONDITIONS:

Column: HALO 120 Å ELV C18, 2.7 µm, 2.1 x 100 mm Part Number: 92272-602 Mobile Phase A: 10mM Ammonium Bicarbonate, pH:10 Mobile Phase B: Acetonitrile Isocratic: 60% B Flow Rate: 0.5 mL/min Back Pressure: 260 bar Temperature: 35 °C Detection: UV/PDA, 254 nm Injection Volume: 0.2 µL LC System: Shimadzu Nexera X2

PEAK IDENTITIES:

- 1. Nortriptyline
- 2. Doxepin
- 3. Imipramine
- 4. Amitriptyline
- 5. Trimipramine

Tricyclic antidepressants (TCAs) are a class of drugs primarily used to manage depression. A separation of antidepressants is achieved under high pH conditions using a HALO[®] Elevate C18 column. Excellent peak shape and selectivity is achieved in under 3 minutes.

AMT_AN_Rev_1
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