HPLC Application

ID No.: **16043**

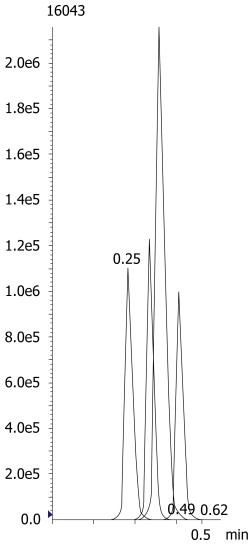
MercuryMS - Luna 3µm C18(2) 20 x 2.0mm (mini column) for Tricyclics in Plasma by LC/MS/MS

Column: Luna® 3 µm C18(2) 100 Å, LC Column 20 x 2 mm, Ea
Dimensions: 20 x 2 mm ID
Order No: 00M-4251-B0
Elution Type: Isocratic
Eluent A: 0.1% Formic Acid in Water
Eluent B: 0.1% Formic Acid in Acetonitrile

Gradient Profile:	**Step No.**	**Time (min)**	**Pct A**	**Pct B**
	1	0	28	72

Flow Rate: 0.6 mL/min
Col. Temp.: ambient
Detection: Mass Spectrometer (MS) @ amu (ambient)
Analyst Note: Total Ion Chromatogram is shown below. Single Ion Chromatograms are available. Please ask your Phenomenex Technical Representative.

Products used in this application:



ANALYTES:

1 Doxepin
Retention Time: 0.25 min

2 Desipramine
Retention Time: 0.33 min

3 Imipramine
Retention Time: 0.36 min

4 Nortriptyline
Retention Time: 0.39 min

5 Trimipramine
Retention Time: 0.43 min

6 Amitriptyline
Retention Time: 0.48 min

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