HPLC Application

ID No.: **1315**

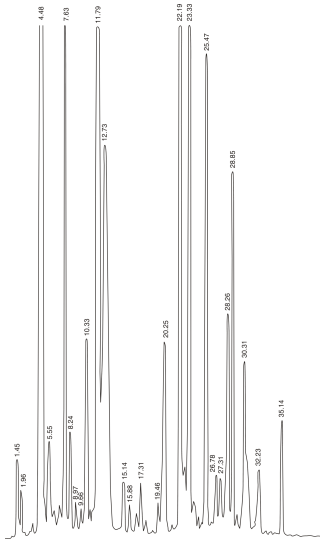
Polyamines (Dansylated)

Products used in this application:

LUNA®

Column:	Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea			
Dimensions:	150 x 4.6 mm ID			
Order No:	00F-4252-E0			
Elution Type:	Gradient			
Eluent A:	Water/methanol/acetonitrile (65:25:10)			
Eluent B:	Methanol/acetonitrile (90:10)			
Gradient Profile:	**Step No.**	**Time (min)**	**Pct A**	**Pct B**
	1	0	90	10
	2	30	0	100
Flow Rate:	1.9 mL/min			
Col. Temp.:	ambient			
Detection:	Fluorescence (FLUOR) @ 365 nm (ambient)			
Analyst Note:	SecurityGuard™ Guard Cartridge System extends column lifetime.			

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287
- Holder Part No.: KJ0-4282



ANALYTES:

1 Tryptamine
Retention Time: 19.46 min

2 Phenathylamine
Retention Time: 20.25 min

3 Putrescine
Retention Time: 22.19 min

4 Cadaverine
Retention Time: 23.33 min

5 Histamine
Retention Time: 25.47 min

6 Tyramine
Retention Time: 28.85 min

7 Spermidine
Retention Time: 30.31 min

8 Spermine
Retention Time: 35.14 min

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