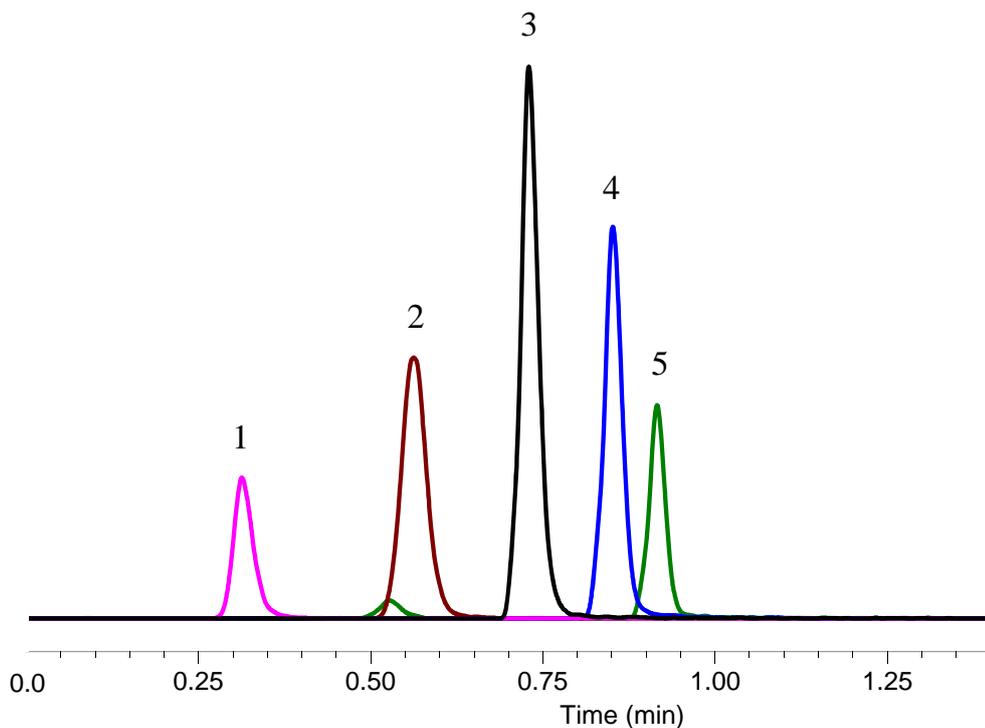# InertSearch™ for LC

Inertsil ® Applications

Analysis of β-blocker

Data No. LB270-0776

Conditions

Column : InertSustainSwift C18
(1.9 μ m, 50 x 2.1 mm I.D.)
Column Cat. No. : 5020-88228
Eluent : A) 10 mM HCOONH$_4$ in CH$_3$OH
B) 10 mM HCOONH$_4$ in H$_2$O

Time (min)	A (vol%)	B (vol%)
0	30	70
0.3	60	40
0.8	100	0
0.9	100	0
0.91	30	70
1.41	30	70

Flow Rate : 0.6 mL/min
Col. Temp. : 40 ℃
Detection : LC/MS/MS (ESI, Positive, MRM)
Injection Vol. : 1 μ L
Sample : Standard

Analyte:

1. Acebutolol	100 μ g/L
2. Atenolol	100 μ g/L
3. Labetalol	100 μ g/L
4. Nadolol	100 μ g/L
5. Pindolol	100 μ g/L

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