# HPLC Application

ID No.: **15862**

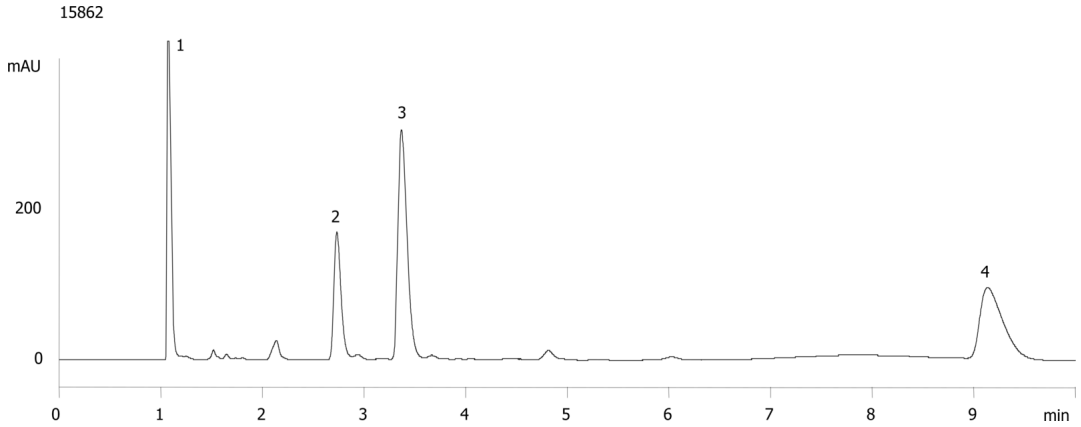
## Non-Polar Basics at Low pH on Luna 5um C18(2)

**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:** | Isocratic | | | |
| **Eluent A:** | 20mM Phosphate buffer pH2.5 | | | |
| **Eluent B:** | Acetonitrile | | | |
| **Gradient** | **Step No.** | **Time (min)** | **Pct A** | **Pct B** |
| **Profile:** | **1** | 0 | 75 | 25 |
| **Flow Rate:** | 1.5 mL/min | | | |
| **Col. Temp.:** | ambient | | | |
| **Detection:** | UV-Vis Abs.-Variable Wave.(UV) @ 210 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. Maleic acid
2. Chlorpheniramine
3. Triprolidine
4. Diphenhydramine

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