

# HPLC Application

ID No.: 16441

## Acyclovir and Ganciclovir Analysis using Synergi Fusion-RP with MS Detection

**Column:** Synergi™ 4 µm Fusion-RP 80 Å, LC Column 100 x 2 mm, Ea

**Dimensions:** 100 x 2 mm ID

**Order No:** 00D-4424-B0

**Elution Type:** Isocratic

**Eluent A:** 10mM Ammonium Formate, pH 3.5

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 97    | 3     |

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** ambient

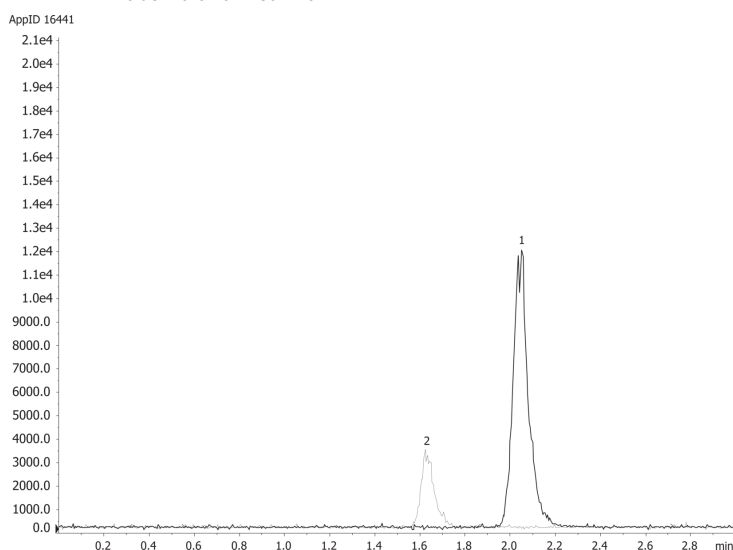
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** (MRM: Ganciclovir 256.2 -> 152.3 (blue); Acyclovir 226.2 -> 152.2 (red))

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Fusion-RP 4 x 2.0mm, 10/Pk Part No.: AJ0-7556

- Holder Part No.: KJ0-4282



### ANALYTES:

1 Acyclovir

Retention Time: 1.62 min

2 Ganciclovir

Retention Time: 2.05 min

