

# HPLC Application

ID No.: 19689

## Gabapentin extracted from plasma (25 µg/mL) using PPT on a Kinetex C18 2.6µm, 50x2.1mm

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4462-AN

**Elution Type:** Gradient

**Eluent A:** 5 mM Ammonium formate

**Eluent B:** Acetonitrile

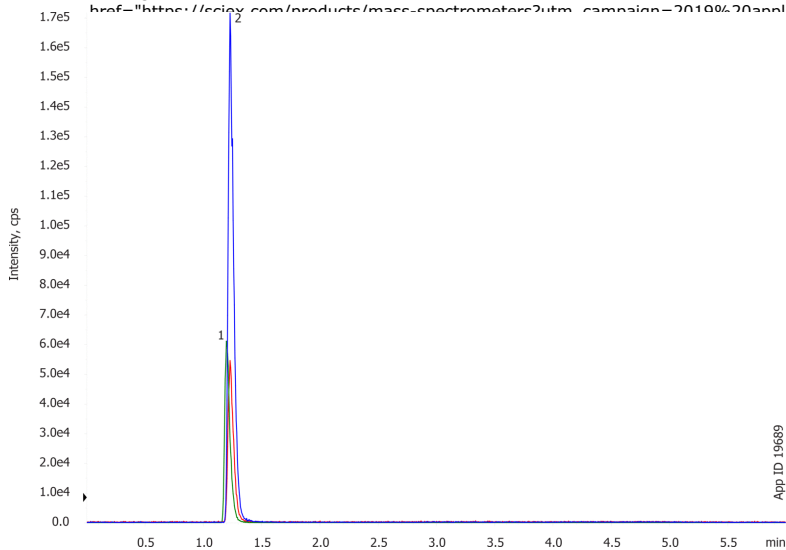
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 97    | 3     |
|                   | 2        | 1          | 97    | 3     |
|                   | 3        | 3          | 10    | 90    |

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** ambient

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

**Detector Info:** <a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<



Products used in this application:



### ANALYTES:

- 1 Gabapentin-d4  
Retention Time: 1.4 min
- 2 Gabapentin  
Retention Time: 1.4 min

