

# HPLC Application

ID No.: 23591

## Catecholamines using Luna Omega Polar C18 100x2.1mm

**Column:** Luna Omega 1.6 um Polar C18 100 A LC Column 100 x 2.1 mm, Ea

**Dimensions:** 100 x 2.1 mm ID

**Order No:** 00D-4748-AN

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% formic acid

**Eluent B:** Acetonitrile with 0.1% formic acid

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 100   | 0     |
|                   | 2        | 3          | 10    | 90    |
|                   | 3        | 3.1        | 100   | 0     |

**Flow Rate:** 400 µL/min

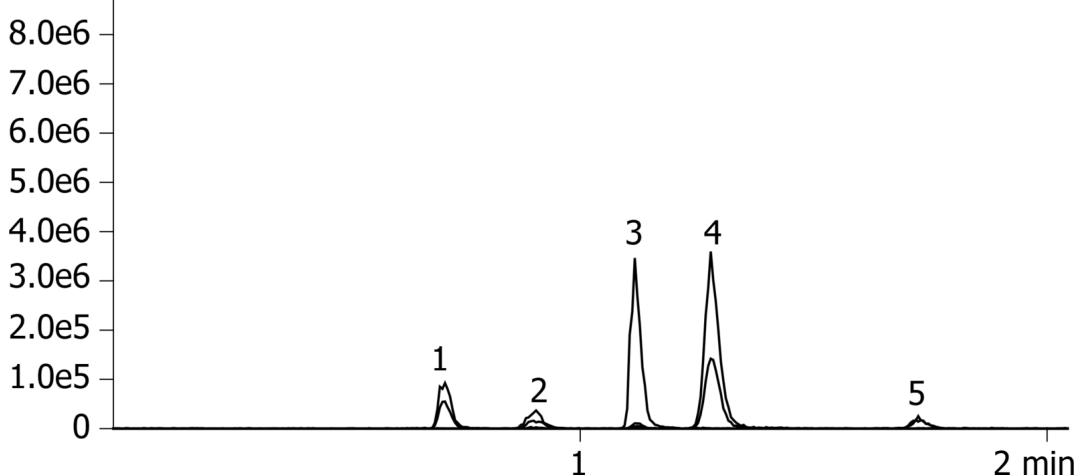
**Col. Temp.:** 50 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (450 °C)

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



Products used in this application:



### ANALYTES:

- 1 Norepinephrine  
Retention Time: 0.71 min
- 2 Epinephrine  
Retention Time: 0.9 min
- 3 Normetanephrine  
Retention Time: 1.12 min
- 4 Dopamine  
Retention Time: 1.28 min
- 5 Metanephrine  
Retention Time: 1.72 min
- 6 3-Methoxy tyramine  
Retention Time: 2.23 min

