

# HPLC Application

ID No.: 24156

## Workplace drug monitoring using Luna Omega 5um Polar C18 50x2.1mm

**Column:** Luna Omega 5u Polar C18 100A, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4754-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        | 4          | 0     | 100   |

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 25 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

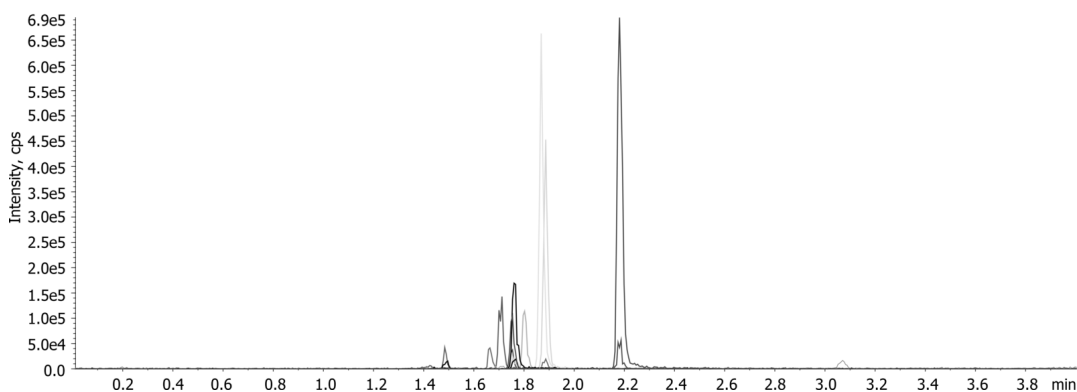
**Detector Info:**

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<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:



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### ANALYTES:

- 1** Morphine
- 2** Amphetamine
- 3** Codeine
- 4** MDA
- 5** Methamphetamine
- 6** 6-MAM
- 7** MDMA
- 8** MDEA
- 9** BZE
- 10** PCP
- 11** THC-OH

