

HPLC Application

ID No.: 18843

Extraction of Cocaine-NIDA5 Using strata X-C on Kinetex 2.6µm C18 50 x 2.1mm ID by LCMS

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: 0.1% Formic acid in H₂O

Eluent B: 0.1% Formic acid in ACN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 90 | 10 |
| | 2 | 2 | 30 | 70 |
| | 3 | 2.01 | 5 | 95 |
| | 4 | 2.3 | 5 | 95 |
| | 5 | 2.31 | 90 | 10 |
| | 6 | 4.1 | 90 | 10 |

Flow Rate: 450 µL/min

Col. Temp.: ambient

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

Detector Info: ESI Condition

Positive Ionization

NEB: 12.00

CUR: 7.00

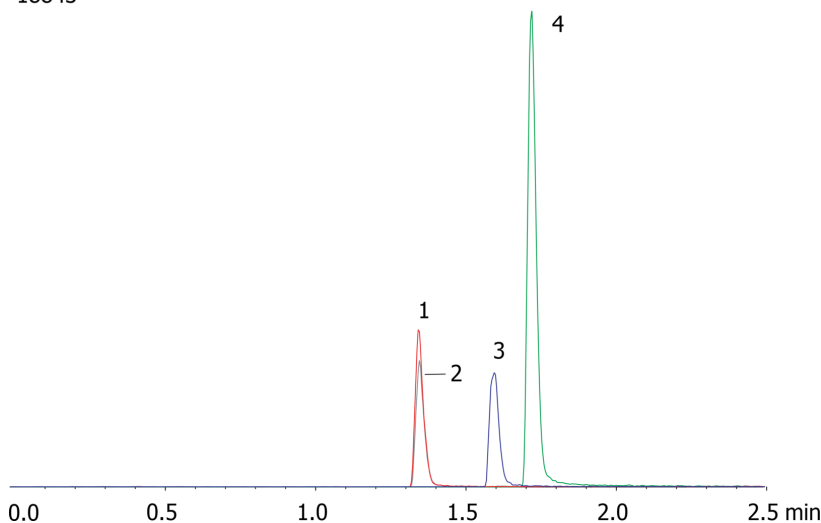
CAD: 12.00

IS: 5500.00

TEM: 400.00

EP: 10.00

18843



Products used in this application:



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ANALYTES:

- 1 Benzoylcegonine-d3
- 2 Benzoylcegonine
- 3 Cocaine
- 4 Cocaethylene

