



Column: [Kinetex™ 2.6 μm C18 100 Å LC Column 50 x 2.1 mm](#)

Part No: [00B-4462-AN](#)

Dimensions: 50 x 2.1 mm ID

Elution Type: Gradient

Elution A: 0.1% Formic acid in H₂O

Elution B: 0.1% Formic acid ACN

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	95	5
2	0.5	95	5
3	2.5	5	95
4	3.5	5	95
5	3.51	95	5
6	5.3	95	5

Flow Rate: 450 μL/min

Col. Temp: 25 °C

Detection: Mass Spectrometer (MS) @ amu (22°C)

Compounds:

- 1- Morphine; 2- Oxycodone; 3- Hydromorphone; 4- Codeine; 5- Naloxone; 6- Oxycodone; 7- Naltrexone; 8- Hydrocodone; 9- Tramadol; 10- Meperidine; 11- Fentanyl; 12- Buprenorphine; 13- Methadone