HPLC Application

Pain Panel with and without sample focusing on Kinetex C18 2.6 μ m 50 x 2.1 mm by LC/MS

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 ACN			
Gradient	Step No.	Time (min)	Pct A	Pct B
Profile:	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			

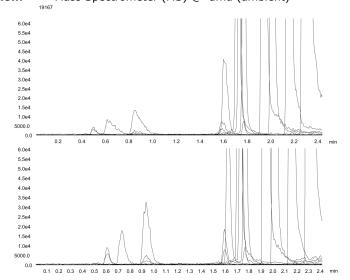


Products used in this application:



Flow Rate: Col. Temp.: ambient

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



©2025 Phenomenex Inc. All rights reserved.

Phenomenex products are available worldwide.

www.phenomenex.com

For more information contact your Phenomenex Representative at support@phenomenex.com



HPLC Application ID No.: 19167



Pain Panel with and without sample focusing on Kinetex C18 2.6 μ m 50 x 2.1 mm by LC/MS

ANALYTES:

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

©2025 Phenomenex Inc. All rights reserved.

Phenomenex products are available worldwide.

www.phenomenex.com

For more information contact your Phenomenex Representative at support@phenomenex.com