

HPLC Application

ID No.: 18850

Pain panel extracted from human urine at cutoff - Kinetex C18 2.6µm 50x2.1mm LCMSMS

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	95	5
	2	1.3	40	60
	3	1.31	5	95
	4	1.51	5	95
	5	1.52	95	5
	6	2.2	95	5

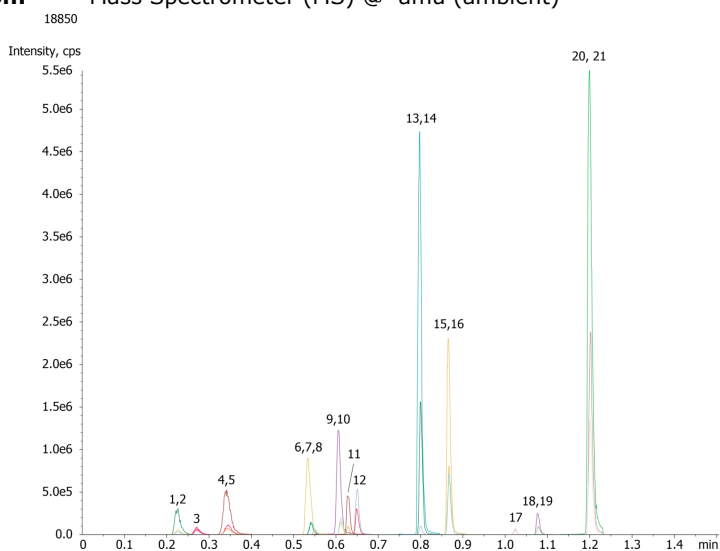
Flow Rate: 1.2 mL/min

Col. Temp.: ambient

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



Products used in this application:



Pain panel extracted from human urine at cutoff - Kinetex C18 2.6µm 50x2.1mm LCMSMS

ANALYTES:

- 1** Morphine
- 2** Morphine-d3
- 3** Oxymorphone
- 4** Hydromorphone
- 5** Hydromorphone-d6
- 6** Codeine
- 7** Codeine-d6
- 8** Naloxone
- 9** Oxycodone
- 10** Oxycodone-d6
- 11** Naltrexone
- 12** Hydrocodone
- 13** cis-Tramadol
- 14** C13-D3-tramadol
- 15** Meperidine
- 16** Meperidine-d4
- 17** Fentanyl
- 18** Buprenorphine
- 19** Buprenorphine-d4
- 20** Methadone
- 21** Methadone-d3

