

Opiates from Drugs of Abuse Screen (#AN2190)

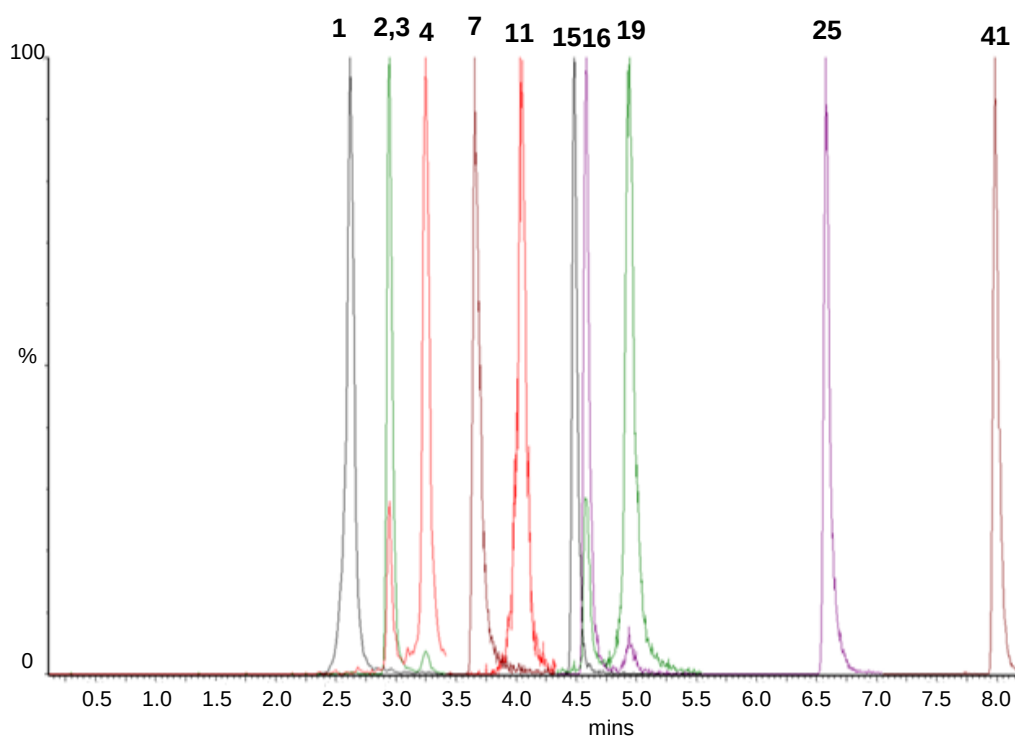
Application #AN2340

Conditions

Column: ACE Excel 1.7 C18
Dimensions: 100 x 2.1 mm
Part Number: EXL-171-1002U
Mobile Phase: A: 5 mM ammonium acetate in H₂O
B: 5 mM ammonium acetate in MeOH

Time (mins)	%B
0.0	10
10.0	90
11.9	90
13.4	10
15.5	10

Flow Rate: 0.3 mL/min
Injection: 10 µL
Temperature: 40 °C
Detection: MS Quattro Premier XE triple quad
MRM, positive and negative ESI mode
Desolvation temperature: 450 °C
IonSource temperature: 150 °C
Collision gas pressure: 3.5 x10⁻³ mbar



1. Oxycodone
(*m/z* 302.2 → 198.1)
2. Morphine-d3
(*m/z* 289.2 → 201.0)
3. Morphine
(*m/z* 286.2 → 201.0)
4. Hydromorphone
(*m/z* 286.2 → 185.1)
7. Dihydrocodeine
(*m/z* 302.2 → 199.1)
11. Oxycodone
(*m/z* 316.2 → 241.2)
- 15.6-MAM
(*m/z* 328.2 → 165.1)
16. Codeine
(*m/z* 300.3 → 215.1)
19. Hydrocodone
(*m/z* 300.2 → 199.1)
25. EDDP
(*m/z* 278.2 → 234.2)
41. Methadone
(*m/z* 310.2 → 265.2)