Opiates from Drugs of Abuse Screen (#AN2190)

ACE®
Ultra-inert
UHPLC & HPLC Columns

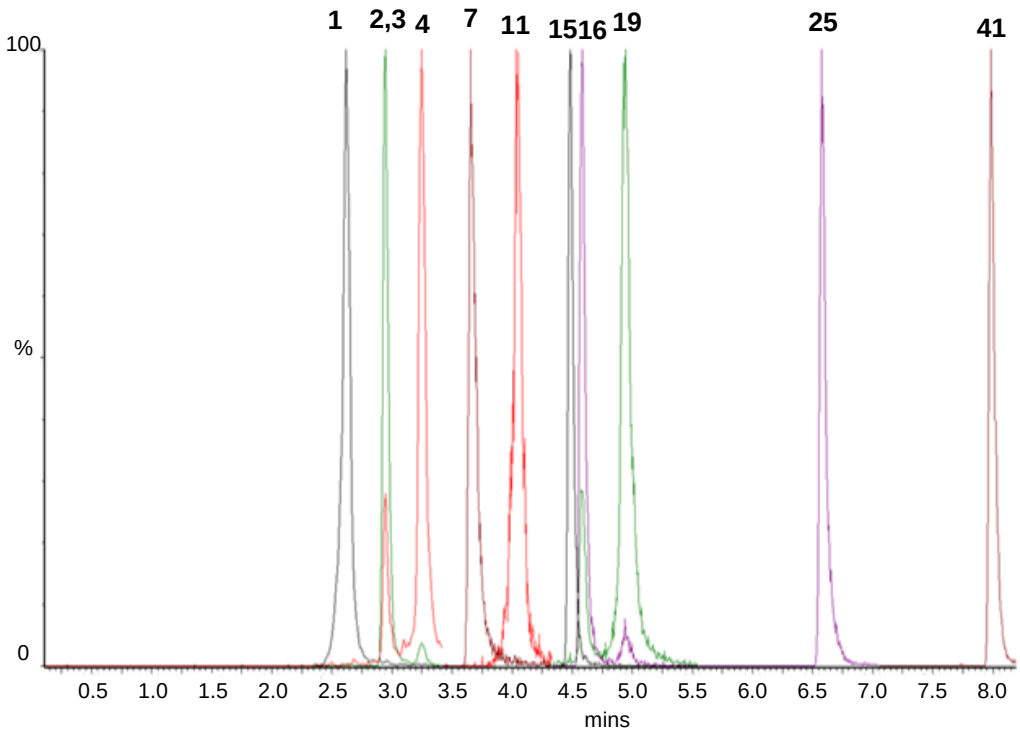
Application #AN2340

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 H_2O 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. Oxymorphone (*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)

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