

Amphetamines from Drugs of Abuse Screen (#AN2190)

ACE[®]
Ultra-inert
UHPLC & HPLC Columns

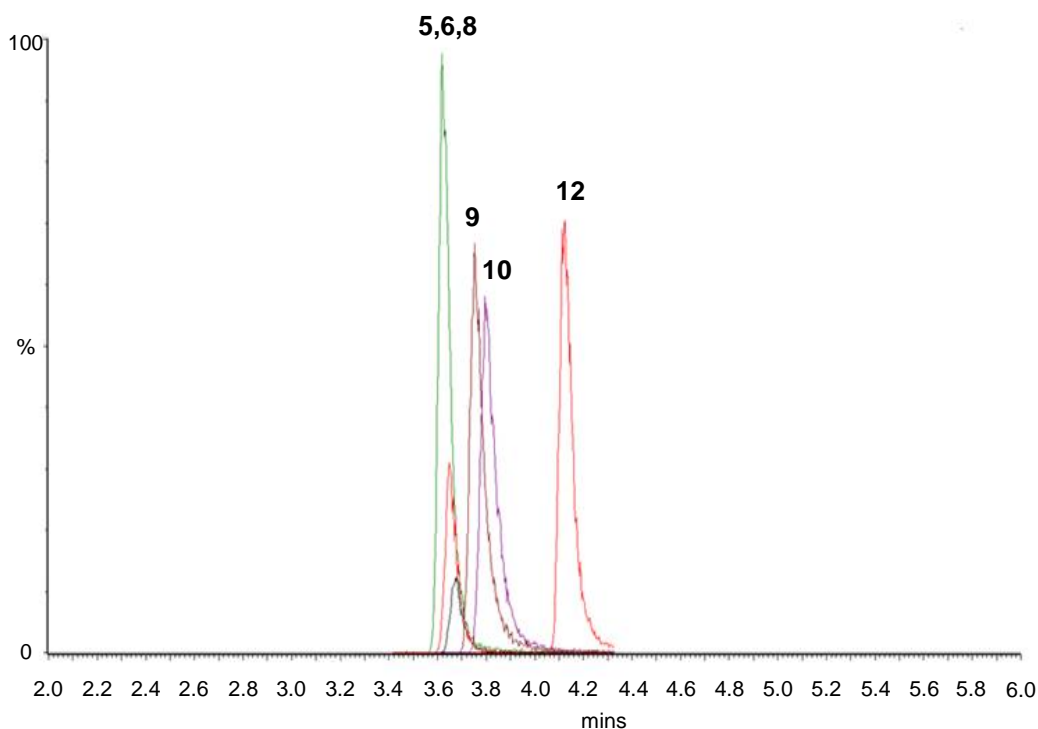
Application #AN2350

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
Ion source temperature: 150 °C
Collision gas pressure: 3.5 x10⁻³ mbar



5. Amphetamine-d5
(*m/z* 141.0 → 123.9)
6. Amphetamine
(*m/z* 136.0 → 118.9)
8. MDA
(*m/z* 180.1 → 105.0)
9. MDMA
(*m/z* 194.1 → 163.0)
10. Methamphetamine
(*m/z* 150.0 → 90.9)
12. MDEA
(*m/z* 208.2 → 163.0)

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