Amphetamines from Drugs of Abuse Screen (#AN2190)

ACE®
Ultra-inert
UHPLC & HPLC Columns

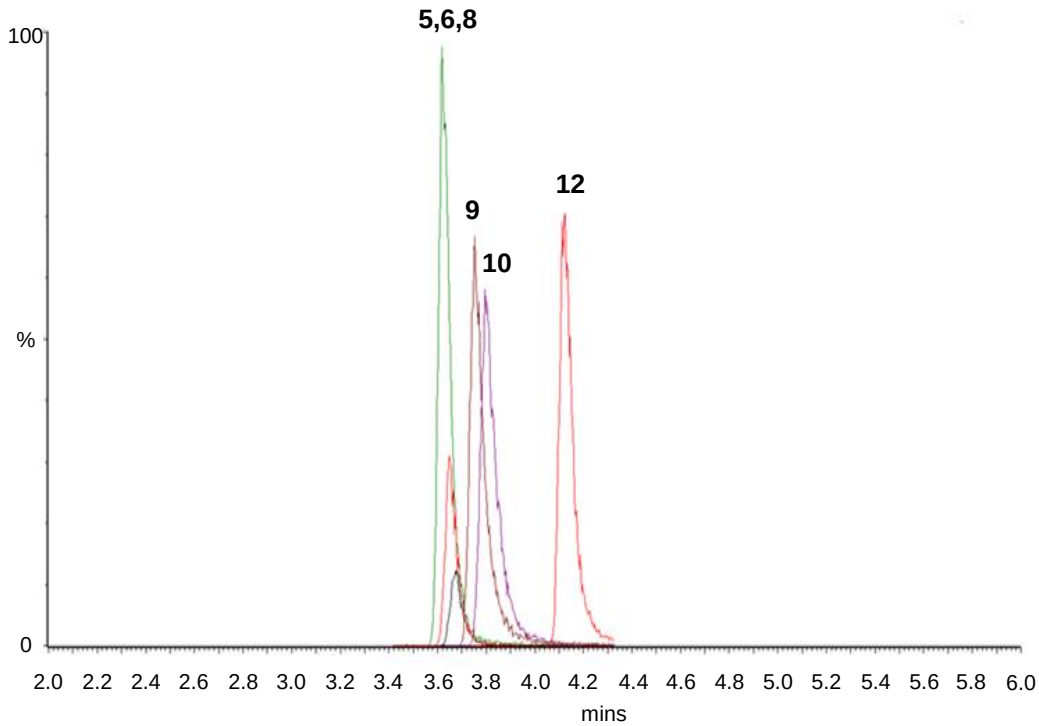
Application #AN2350

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 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 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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