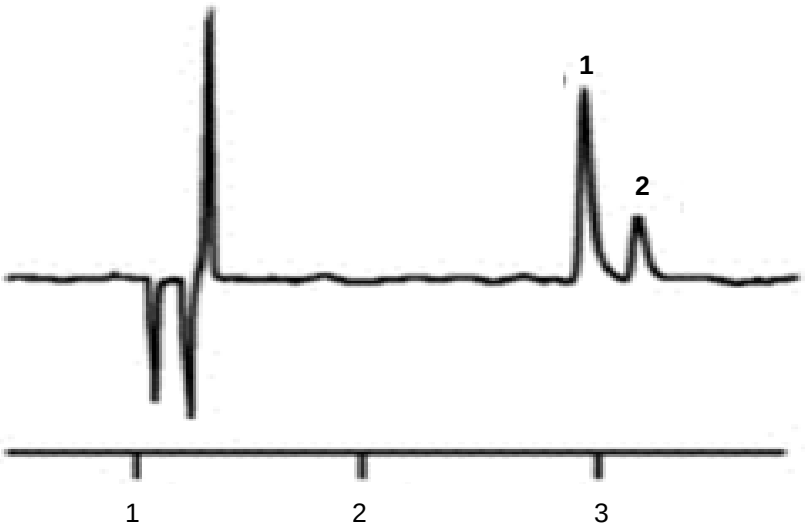
Psychoactive Substances in ‘Synthacaine’ by LC-UV

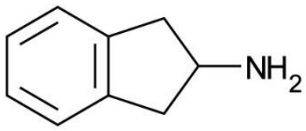
ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN3440

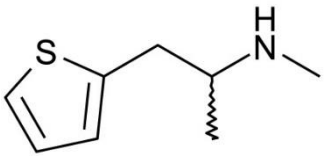
Conditions

Column:	ACE 3 C18
Dimensions:	150 x 4.6 mm
Part Number:	ACE-111-1546
Mobile Phase:	10 mM ammonium formate pH 3.5/MeCN (90:10 v/v)
Flow Rate:	1.2 mL/min
Temperature:	22 °C
Detection:	UV, 207 nm (2-Aminoindane) and 233 nm (Methiopropamine)
Sample:	Synthacaine 40 µg/mL





1. 2-Aminoindane
LOD 0.83 µg/mL



2. Methiopropamine
LOD 0.31 µg/mL

Cumba L, Kolliopoulos A, Smith J, Thompson P, Evans P, Sutcliffe O, do Carmo D, Banks C (2015) Forensic electrochemistry: indirect electrochemical sensing of the components of the new psychoactive substance ‘Synthacaine’. Analyst 140, 5536. doi:10.1039/c5an00858a

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