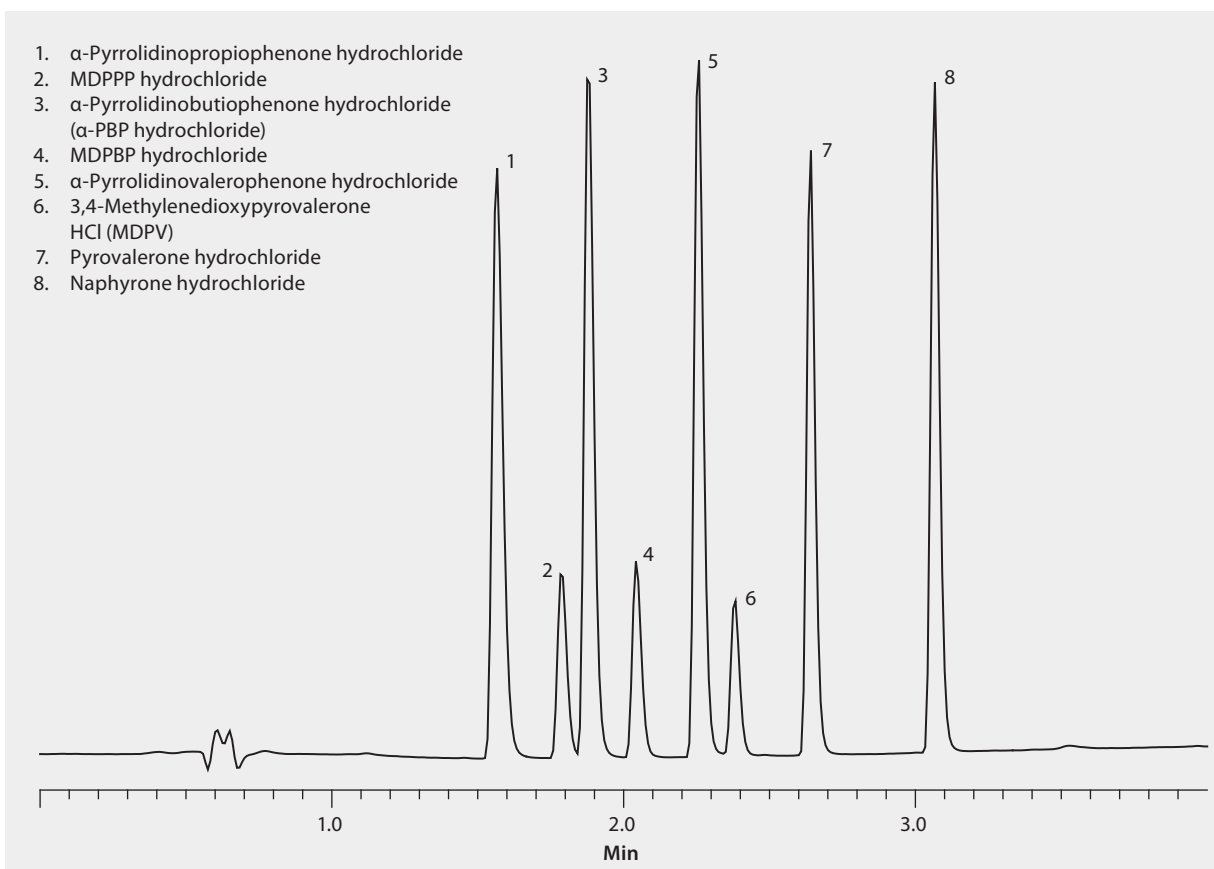


## UHPLC Analysis of Flakka and Related Compounds on Ascentis® Express RP-Amide in Reversed-Phase Mode

The rapid gradient separation of the street drug Flakka ( $\alpha$ -PVP) and related compounds is shown here on an Ascentis Express RP-Amide column in reversed-phase mode. Highest grade UHPLC solvents were used to supply low background interference and low particulate contamination for robust, trouble-free operation. Cerilliant CRMs provided reliable identification and quantification.

market focus	Forensics and Toxicology
column	Ascentis Express RP-Amide, 10 cm x 2.1 mm I.D., 2 $\mu$ m (51576-U)
mobile phase	[A] 0.1% formic acid in water; [B] 0.1% formic acid in acetonitrile
gradient	5% to 95% A in 6 min
flow rate	0.4 mL/min
pressure	6400 psi
column temp.	35 °C
detector	UV, 265 nm
injection	1 $\mu$ L
sample	50 $\mu$ g/mL in 0.1% formic acid in water:0.1% formic acid in acetonitrile (90:10)
Application No.	G1006579



### Related Products

#### analytical column

Ascentis® Express RP-Amide, 2 Micron UHPLC Column ([Supelco 51576-U](#))

#### standard

MDPBP hydrochloride solution ([Cerilliant M-154](#))

MDPPP hydrochloride solution ([Cerilliant M-176](#))

3,4-Methylenedioxypropylvalerone HCl (MDPV) solution ([Cerilliant M-146](#))

Naphyrone hydrochloride ([Cerilliant N-067](#))

Pyrovalerone hydrochloride solution ([Cerilliant P-081](#))

$\alpha$ -Pyrrolidinobutiophenone hydrochloride solution ([Cerilliant P-110](#))

$\alpha$ -Pyrrolidinopropiophenone hydrochloride solution ([Cerilliant P-100](#))

$\alpha$ -Pyrrolidinovalerophenone hydrochloride solution ([Cerilliant P-090](#))