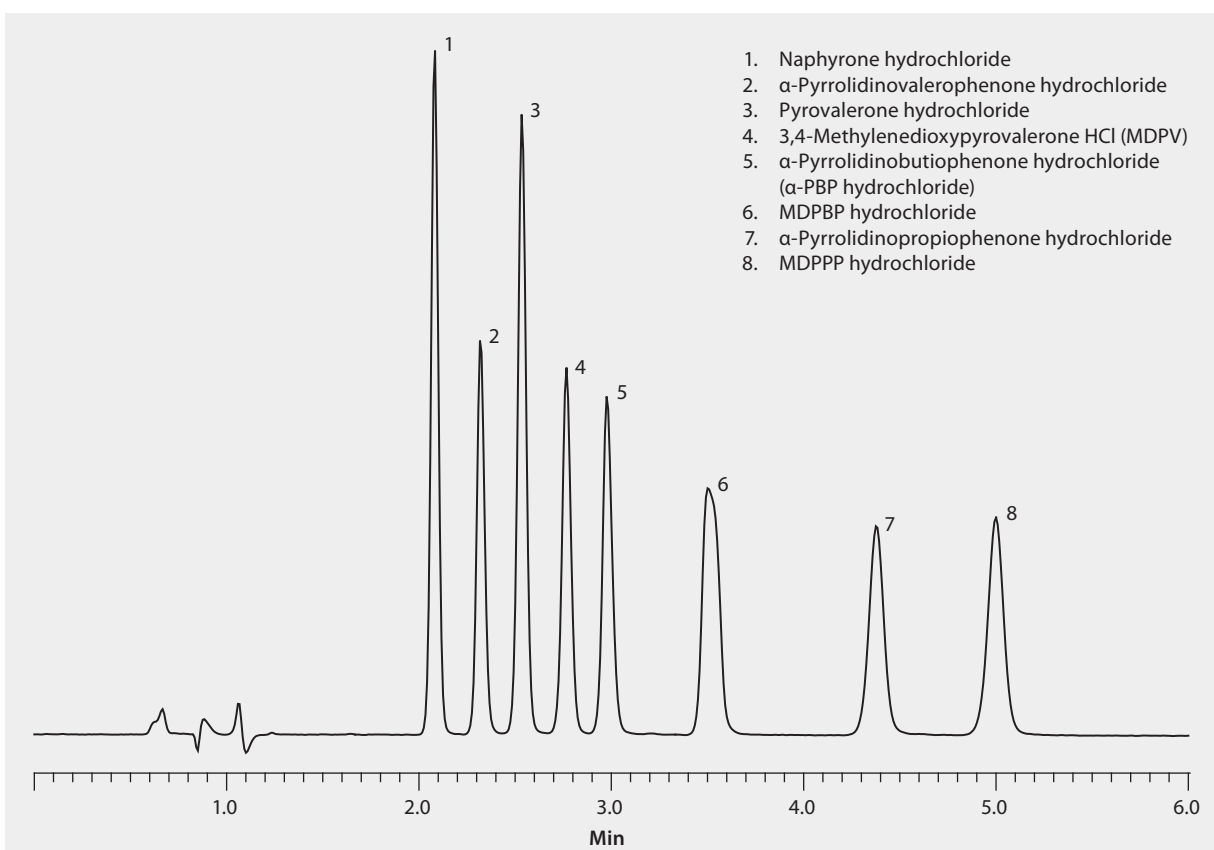


## UHPLC Analysis of Flakka and Related Compounds on Titan™ Silica in HILIC Mode

The rapid separation of the street drug Flakka ( $\alpha$ -PVP) and related compounds is shown here on a Titan Silica column in HILIC 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	Titan Silica, 10 cm x 2.1 mm I.D., 2 $\mu$ m (581532-U)
mobile phase	10 mM ammonium formate in acetonitrile:water (95:5)
flow rate	0.4 mL/min
column temp.	35 °C
detector	UV, 265 nm
injection	1 $\mu$ L
sample	50 $\mu$ g/mL in methanol:acetonitrile (10:90)
Application No.	G1006578



### Related Products

#### analytical column

Titan™ Silica UHPLC Column, 1.9 micron ([Supelco 581532-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](#))

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

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

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