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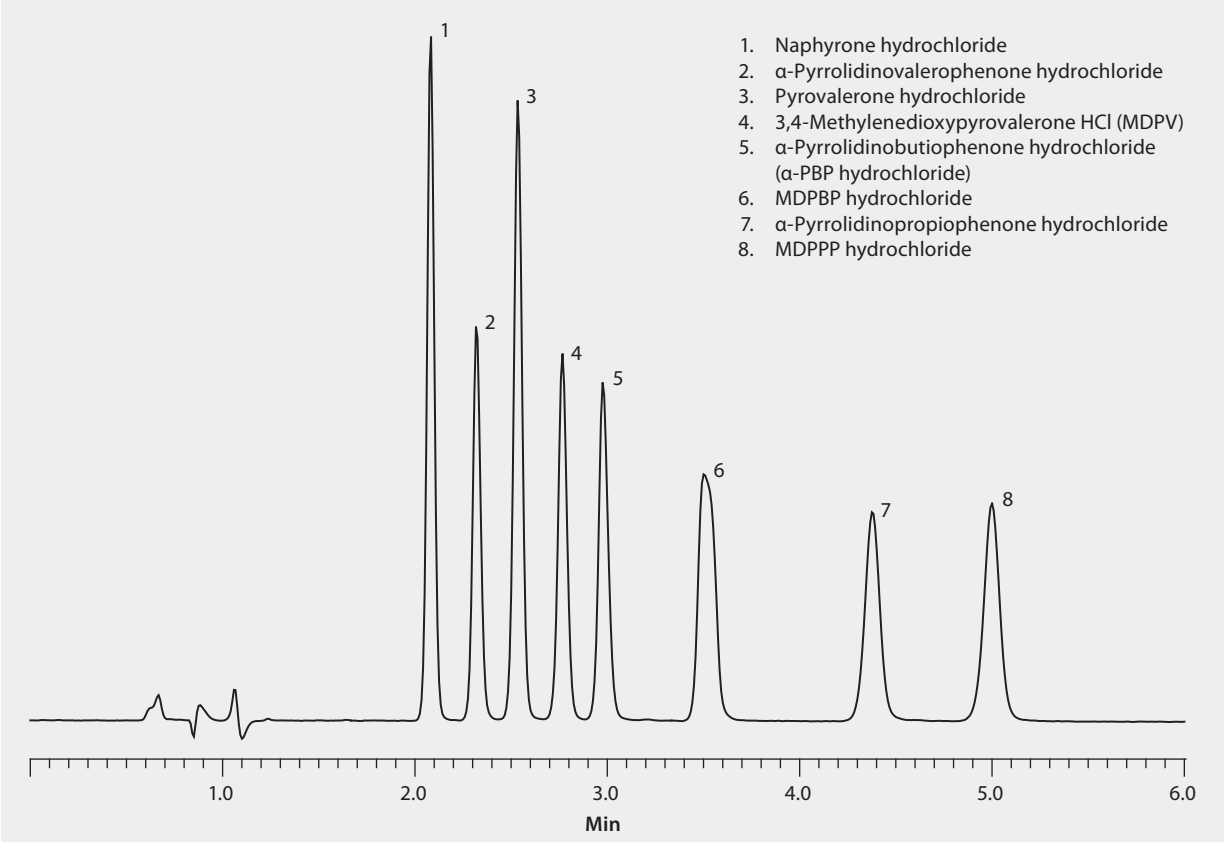
UHPLC Analysis of Flakka and Related Compounds on Titan™ Silica in HILIC Mode

The rapid separation of the street drug Flakka (α-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 µm (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 µL
sample	50 µg/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-Methylenedioxypyrovalerone HCl (MDPV) solution (Cerilliant M-146)
Naphyrone hydrochloride (Cerilliant N-067)
Pyrovalerone hydrochloride solution (Cerilliant P-081)
α-Pyrrolidinobutiophenone hydrochloride solution (Cerilliant P-110)
α-Pyrrolidinopropiophenone hydrochloride solution (Cerilliant P-100)
α-Pyrrolidinovalerophenone hydrochloride solution (Cerilliant P-090)