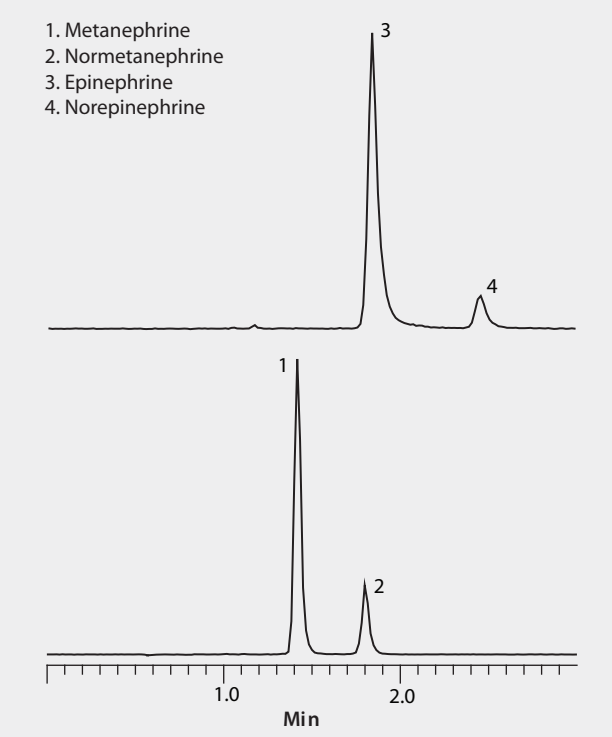
Email: techserv@sial.com

LC/MS/MS Analysis of Epinephrine, Metanephrine and Metabolites on Ascentis® Express OH5

HILIC mode on Ascentis Express OH5 provided rapid separation of neurotransmitters in highly MS-compatible mobile phases. Fluka LC-MS Ultra CHROMASOLV solvents were used to supply low background interference and low particulate contaminants for robust, trouble-free operation. Cerilliant CRMs provided reliable identification and quantification.

market focus	Clinical
column	Ascentis Express OH5, 10 cm x 2.1 mm I.D., 2.7 µm particles (53757-U)
mobile phase	[A] 5 mM ammonium formate; [B] 5 mM ammonium formate in acetonitrile; (15:85, A:B)
flow rate	0.3 mL/min
pressure	1189 psi (82 bar)
column temp.	35 °C
detector	MS ESI(+), 100-1000 m/z
injection	1 µL
sample	300 ng/mL each in acetonitrile
Application No.	G005879



Related Products

analytical column
Ascentis® Express OH5, 2.7 Micron HPLC Column (Supelco 53757-U)
mobile phase component
Acetonitrile (Fluka 14261)
Ammonium formate (Fluka 14266)
Water (Fluka 14263)
standard
Catecholamine Mix 1 (Epinephrines) solution (Cerilliant C-109)
Catecholamine Mix 2 (Metanephrines) solution (Cerilliant C-110)