

Cadenza CD-C18 HT

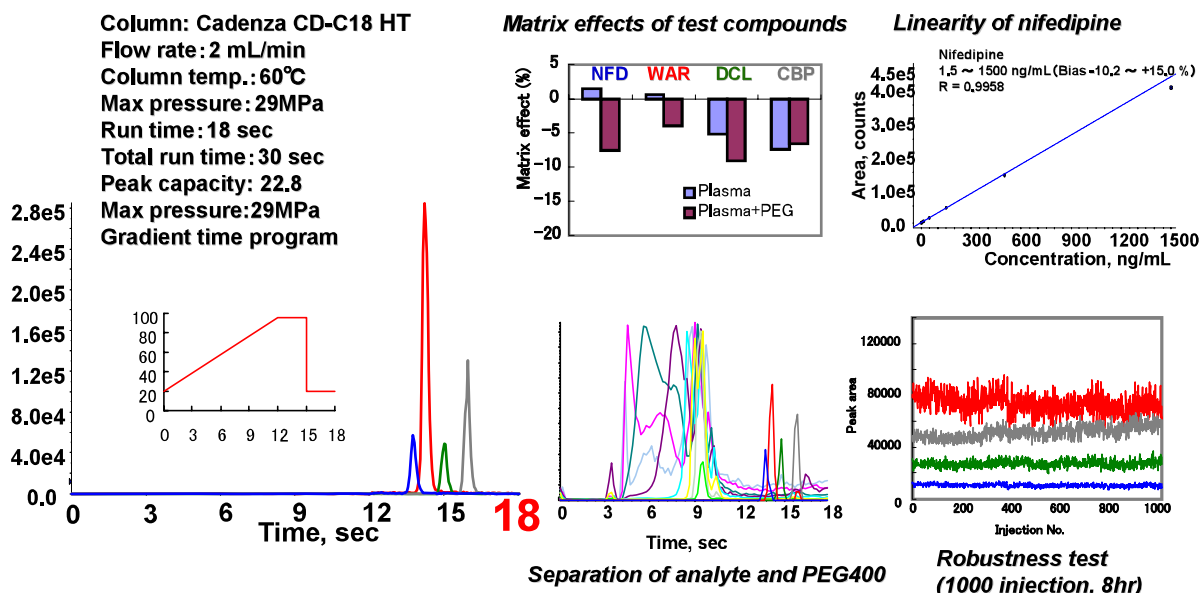
50 x 2 mm

Application

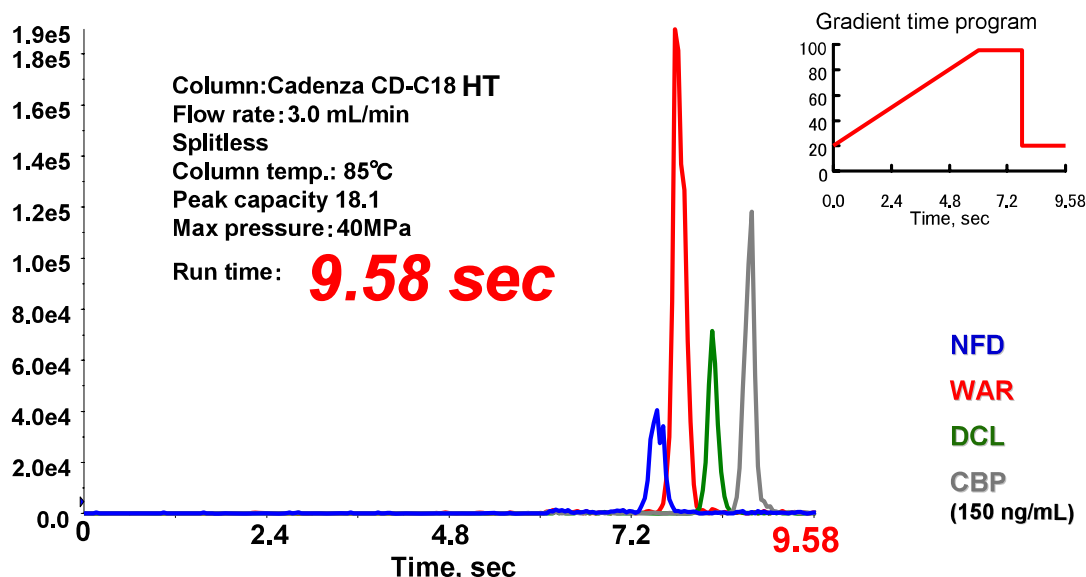
Ultra-high throughput LC-MS/MS analysis of drugs in blood plasma

LC-MS/MSによる血漿中薬物の超高速定量分析

Results of "Ultra-high" throughput analysis (18 sec)



Pushing the envelope of ultra-high throughput analysis!!



Cadenza CD-C18 HT, 50 x 2 mm
 A: 0.1% HCOOH in water, B: 0.1% HCOOH in acetonitrile
 2µL (20µL plasma + 500µL acetonitrile)
 Shimadzu UFLC - AB Sciex API5000 (ESI positive, MRM)
 NFD(nifedipine) 347 > 254, WAR(warfarin) 309 > 163,
 DCL(diclofenac) 296 > 214, CBP(2-amino-5-chlorobenzophenone) 232 > 126

Courtesy of Dr. IKEHARA Tatsuya, Shionogi Co., Ltd., JAPAN