

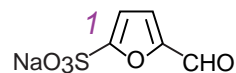
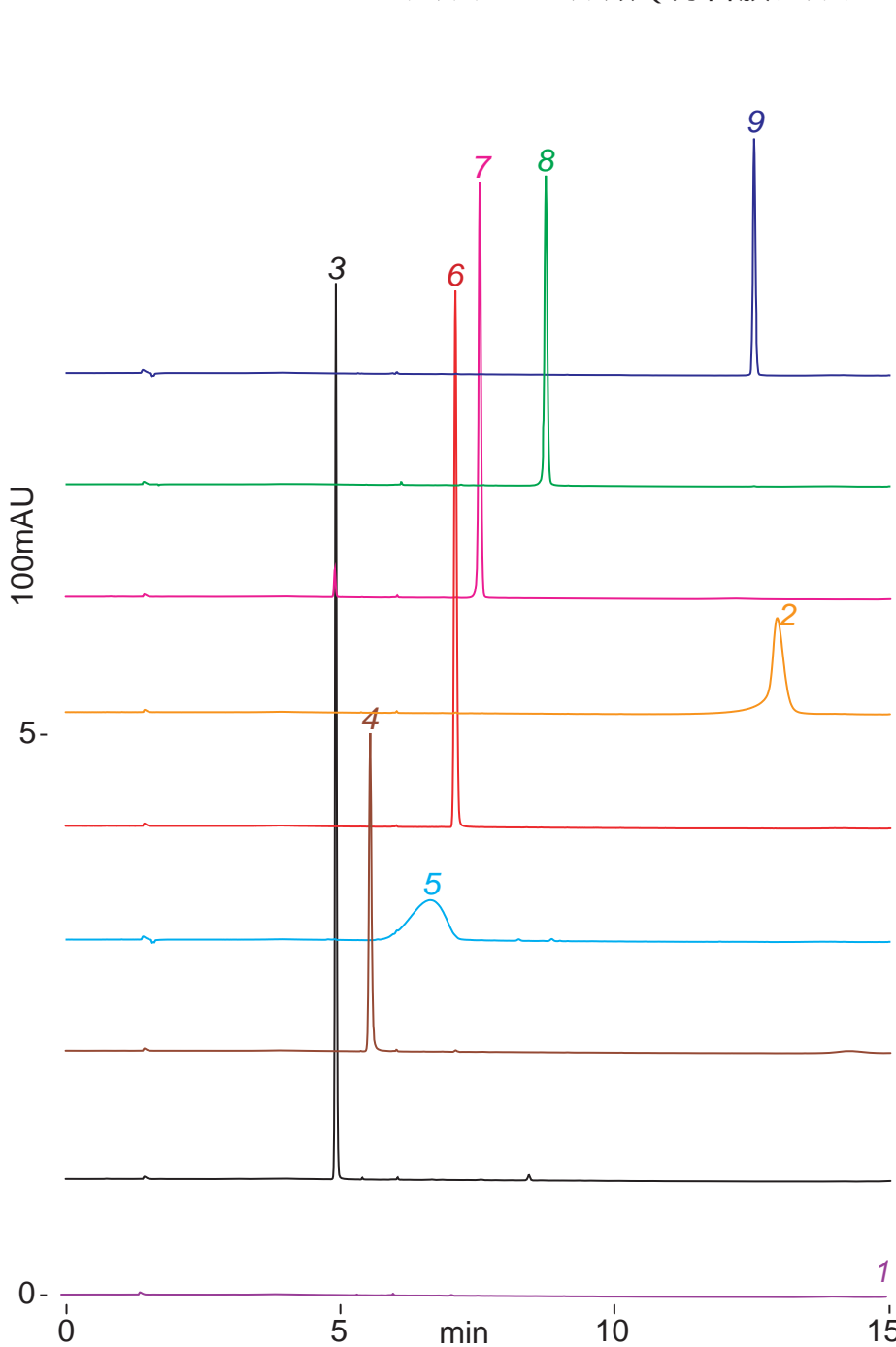
Cadenza CX-C18

100 x 4.6 mm

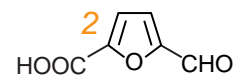
HPLC COLUMN APPLICATION

Furfural (Aromatic aldehyde)

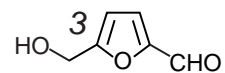
フルフラール類 (芳香族アルデヒド)



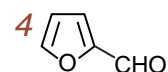
5-formyl-2-furansulfonic acid
(50ug/mL, water / HCOOH = 100 / 1)



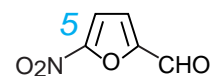
5-formyl-2-furancarboxylic acid
(35ug/mL, water / HCOOH = 100 / 1)



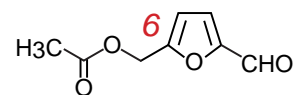
5-hydroxymethyl-2-furaldehyde
(50ug/mL, water / HCOOH = 100 / 1)



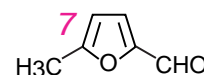
furfural
(25ug/mL, water / HCCO = 100 / 1)



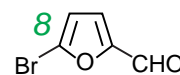
5-nitro-2-furaldehyde
(100ug/mL, water / ACN / HCOOH = 50 / 50 / 1)



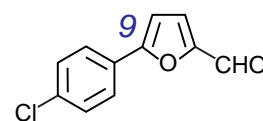
5-acetoxymethylfurfural
(50ug/mL, water / HCOOH = 100 / 1)



5-methyl-2-furaldehyde
(50ug/mL, water / HCOOH = 100 / 1)



5-bromo-2-furaldehyde
(33umg/mL, water / ACN / HCOOH = 83 / 17 / 1)



5-(4-chlorophenyl)-2-furaldehyde
(100mg/mL, water / ACN / HCOOH = 50 / 50 / 1)

100 x 4.6 mm

A: water / formic acid = 100 / 0.1

B: water / acetonitrile / formic acid = 10 / 90 / 0.1

0%B (0-1min), 0-100%B (1-15min)

1.0mL/min (10MPa), 37°C, 280nm

10µL (25-100ug/mL)