

神経伝達物質の分離

Neurotransmitter

Sun Shell HILIC-S 2.6 μ m, 100 x 2.1 mm i.d.

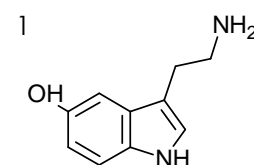
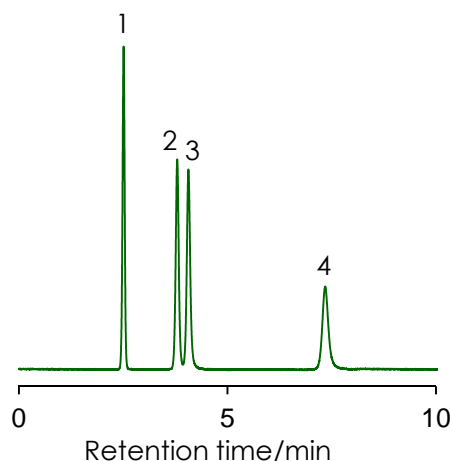
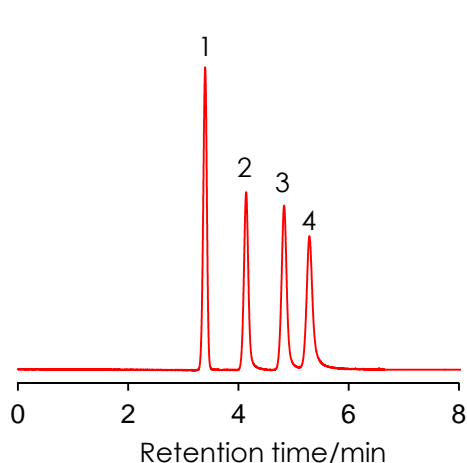
Sun Shell HILIC-Amide 2.6 μ m, 100 x 2.1 mm i.d.

Sun Shell RP-AQUA 2.6 μ m, 100 x 2.1 mm i.d.

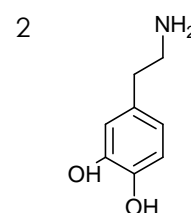
SunShell HILIC-S, 2.6 μ m

SunShell HILIC Amide, 2.6 μ m

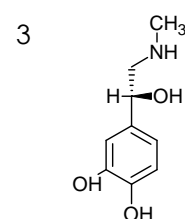
ACN:100 mM ammonium formate(pH3.0)=92.5:7.5



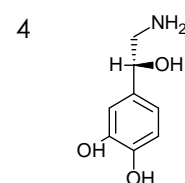
Serotonin



Dopamine



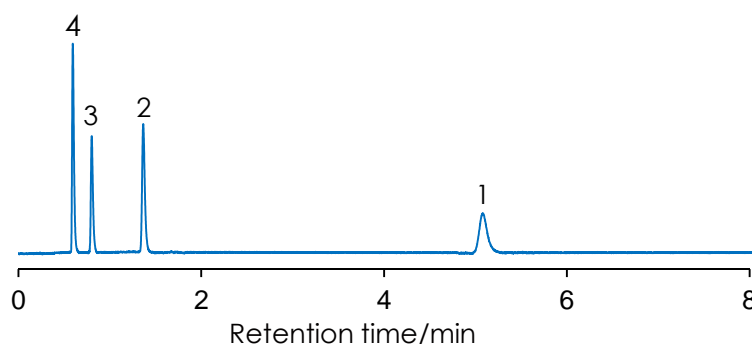
Epinephrine



Norepinephrine

Sun Shell RP-AQUA, 2.6 μ m

10 mM ammonium formate(pH3.0)



Column: Sun Shell HILIC Silica 2.6 μ m 100 x 2.1 mm

Sun Shell HILIC Amide 2.6 μ m 100 x 2.1 mm

Sun Shell RP-AQUA 2.6 μ m 100 x 2.1 mm

Mobile phase:

A) ACN:100 mM ammonium formate(pH3.0)=92.5:7.5

B) 10 mM ammonium formate(pH3.0)

Flow rate: 0.4mL /min

Temperature: 25 °C

Detection: UV@270 nm

Sample: 1 = Serotonin, 2 = Dopamine, 3 = Epinephrine, 4 = Norepinephrine