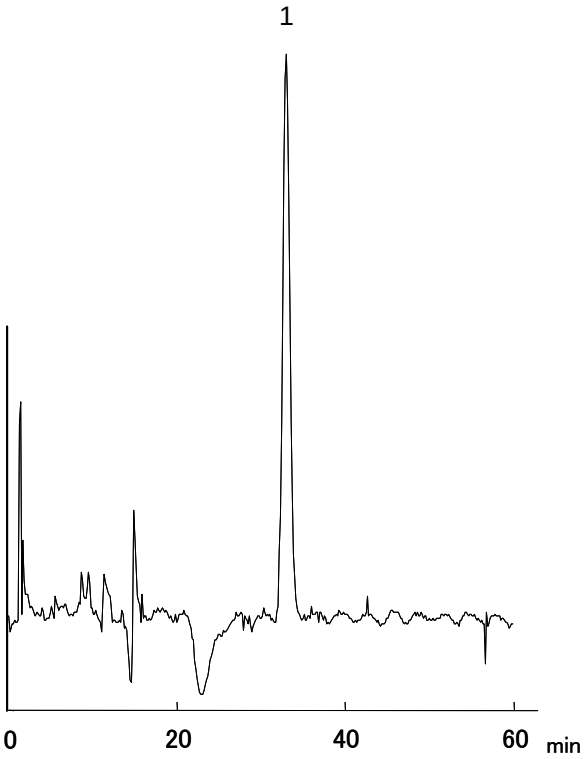
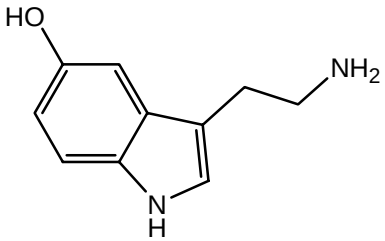
セロトニン　Serotonin

1. セロトニン (100 ng/mL)
   Serotonin (M.W. 176.2)





【HPLC Conditions】

Column	:	CAPCELL PAK C_{18} MG S5 ; 1.5 mm i.d. x 150 mm
Mobile phase	:	Phosphoric acid was added to 100 mmol/L KH_2PO_4 until its pH value reaches 3.4. Sodium octane sulfate was dissolved in the pH–adjusted solution at 4 mmol/L. The solution and acetonitrile were mixed at the ratio, 95 / 5. Thereafter, EDTA-2Na was dissolved in the mixed solution at 0.02 mmol/L.
Flow rate	:	100 μL/min
Temperature	:	40 ˚C
Detection	:	ECD 750 mV
Inj. vol.	:	1 μL
Sample dissolved in	:	Its 1-mg/mL solution (in methanol) was diluted to 100 ng/mL with the mobile phase.

※ 1 μg/mL = 1 ppm