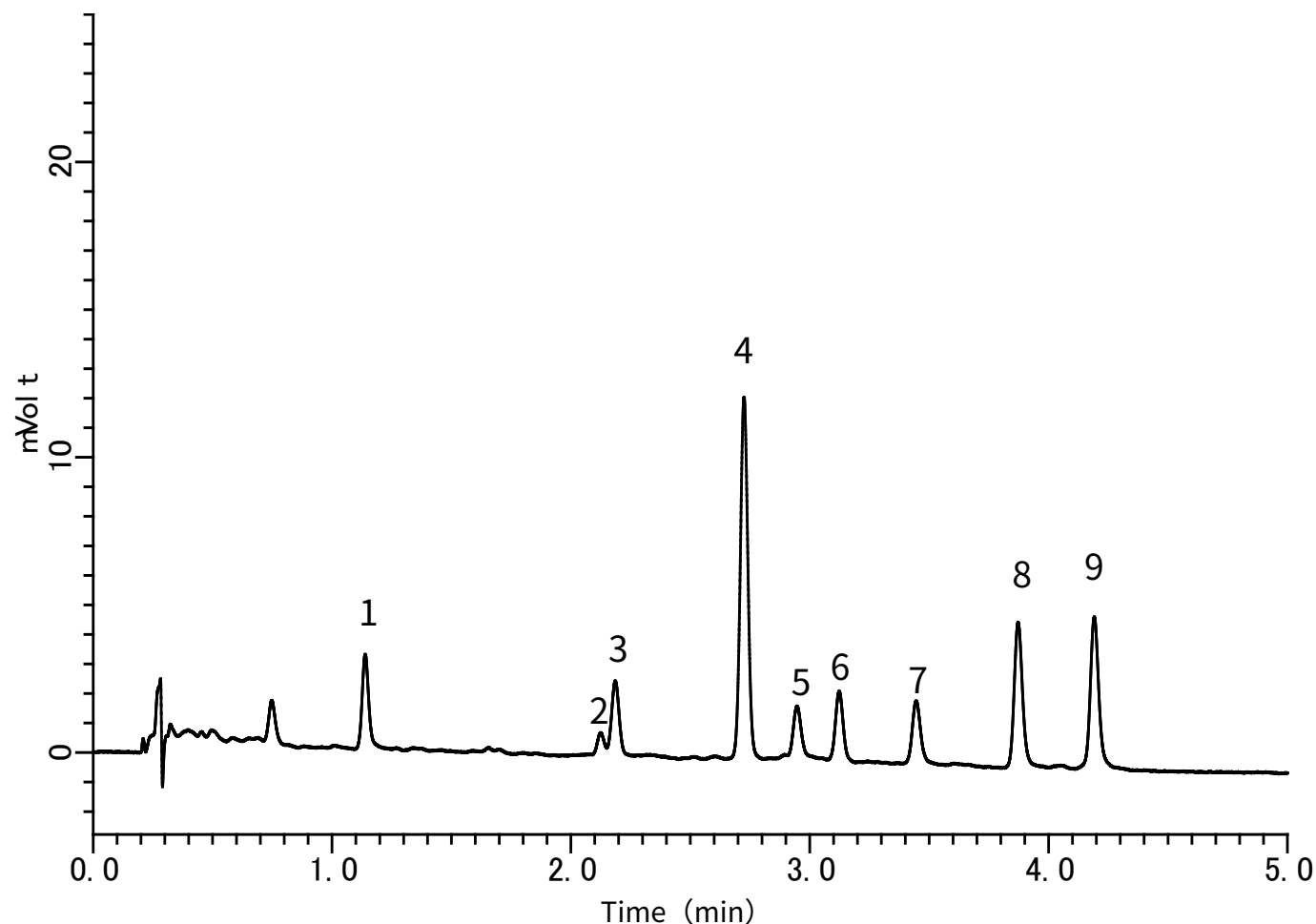


Analysis of 9 catechins

Data No. LA654-0735



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-3 (2 μ m, 50 x 2.1 mm I.D.)
Column Cat. No. : 5020-84652
Eluent : A) CH₃OH
B) 10mM NaH₂PO₄
A/B = 10/90 – 5 min – 50/50 – 0.1min
– 10/90 – 3.9min – 10/90, v/v
Flow rate : 0.5 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm (5 mm path length, UV Detector)
Injection Vol. : 5 μ L
Analyte : catechins

Analyte:

1. Gallic catechin	(20 mg/L)
2. Epigallocatechin	(20 mg/L)
3. Catechin	(2.0 mg/L)
4. Caffeine	(2.0 mg/L)
5. Epigallocatechin gallate	(2.0 mg/L)
6. Epicatechin	(2.0 mg/L)
7. Gallic catechin gallate	(2.0 mg/L)
8. Epicatechin gallate	(2.0 mg/L)
9. Catechin Gallate	(2.0 mg/L)