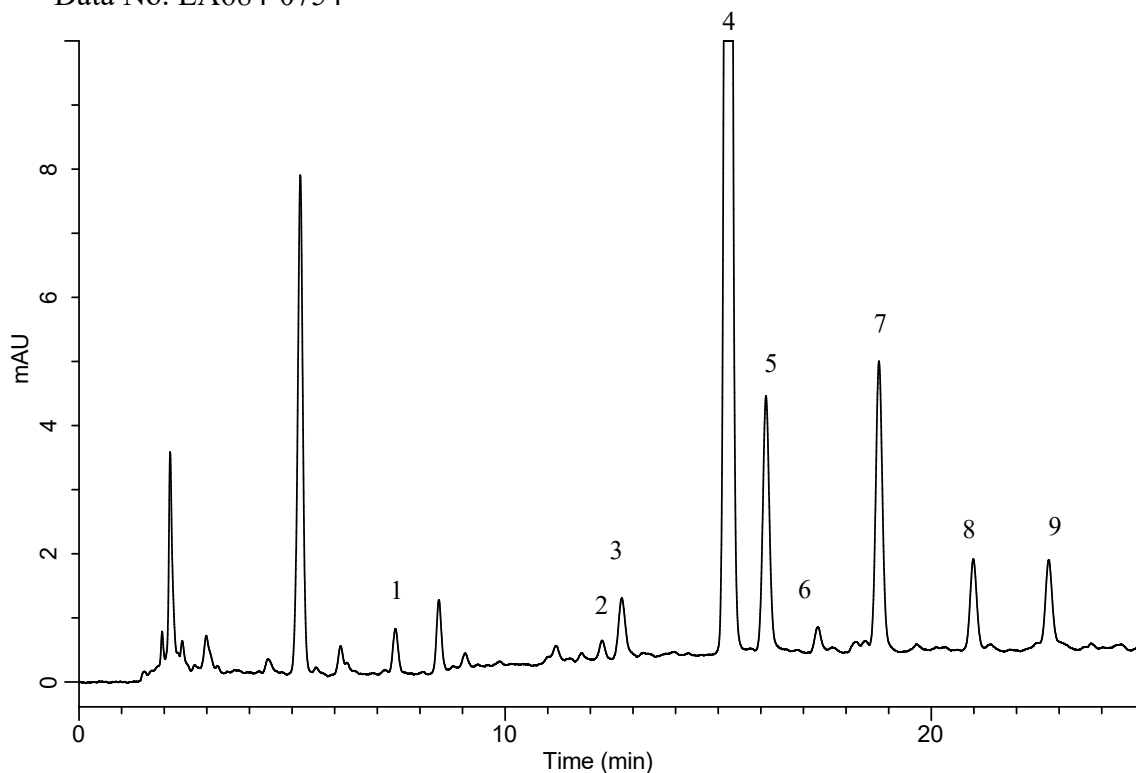


Analysis of Catechins in a tea

Data No. LA684-0754



Conditions

System : GL-7400 HPLC System
Column : Inertsil ODS-3 (4 µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-04645
Eluent : A) CH₃OH
 : B) 10 mM NaH₂PO₄
 : A/B = 10/90 – 30 min – 50/50. v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm (GL-7450 UV Detector)
Injection Vol. : 10 µL

Analyte

1. Gallocathechin (GC)
2. Epigallocatechin (EGC)
3. Catechin (C)
4. Caffeine
5. Epigallocatechingallate (EGCg)
6. Epicatechin (EC)
7. Gallocatechingallate (GCg)
8. Epicatechingallate (ECg)
9. Catechingallate (Cg)