

InertSearch™ for GC

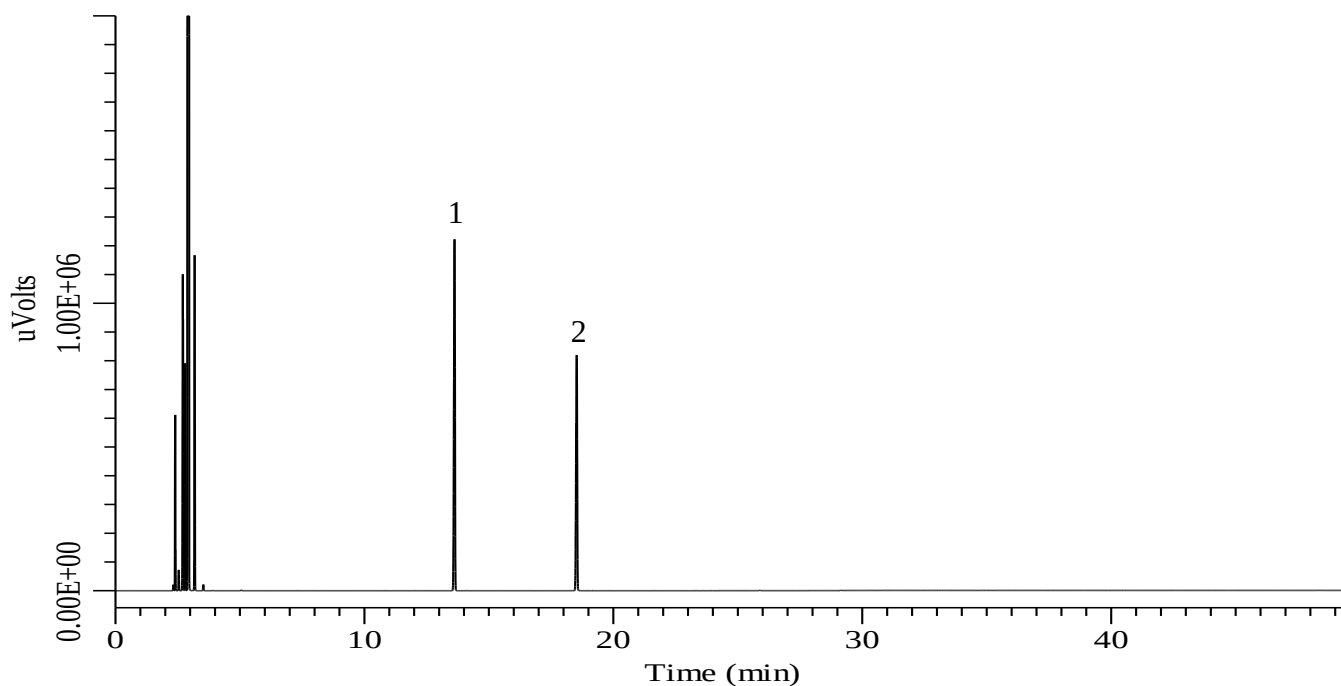
InertCap® Applications

Memantine Hydrochloride

(Under the Condition of United States Pharmacopeia 39, Assay)

Data No. GA 290-0904

Standard solution



Conditions

System : GC-4000 Plus-FID
Column : InertCap 5
0.32 mm I.D. x 50 m df = 0.52 µm
Col. Temp. : 50 °C - 5 °C/min - 145°C
- 10°C/min - 250°C (20 min)
Carrier Gas : He 4.0 mL/min
Injection : Split 1:50
220 °C
Injection Vol. : 1 µL
Detection : FID Auto Range
300 °C
Sample : Standard

Analyte

1. Adamantane
2. Memantine
Taling factor (1) : 0.85 (≦ 2.0)
Taling factor (2) : 0.89 (≦ 2.0)
Relative standard deviation (1 to 2) (%) (n=5) : 0.39 (≦ 2.0)