

Analysis of Ammonia

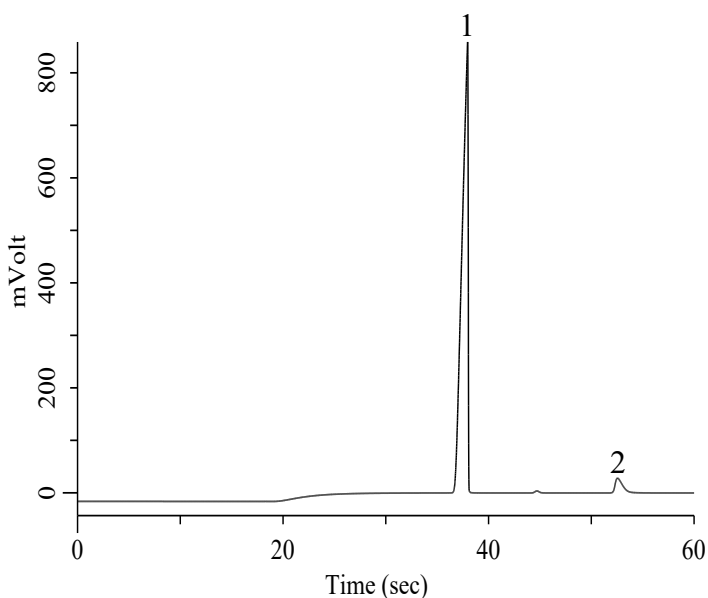
Specification

Two GC Channels

► Option

Backflush (BF)

Channel 1. Molsieve 5A



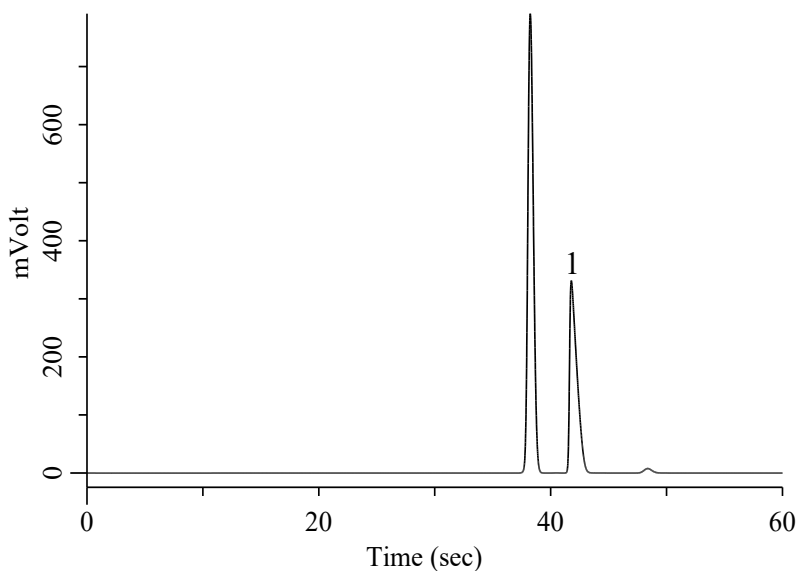
Conditions

System	: Micro GC
Column	: Molsieve 5A 10 m + BF 3 m
BF Time	: 18.2 sec
Column Temp.	: 100 °C
Carrier Gas	: Ar 170 kPa
Inject Time	: 40 msec

Analyte:

1. Hydrogen (H ₂)	60 % (v/v)
2. Nitrogen (N ₂)	20 % (v/v)

Channel 2. CP-Volamine



Conditions

System	: Micro GC
Column	: CP-Volamine 15 m
Column Temp.	: 100 °C
Carrier Gas	: He 150 kPa
Inject Time	: 40 msec

Analyte:

1. Ammonia (NH ₃)	20 % (v/v)
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