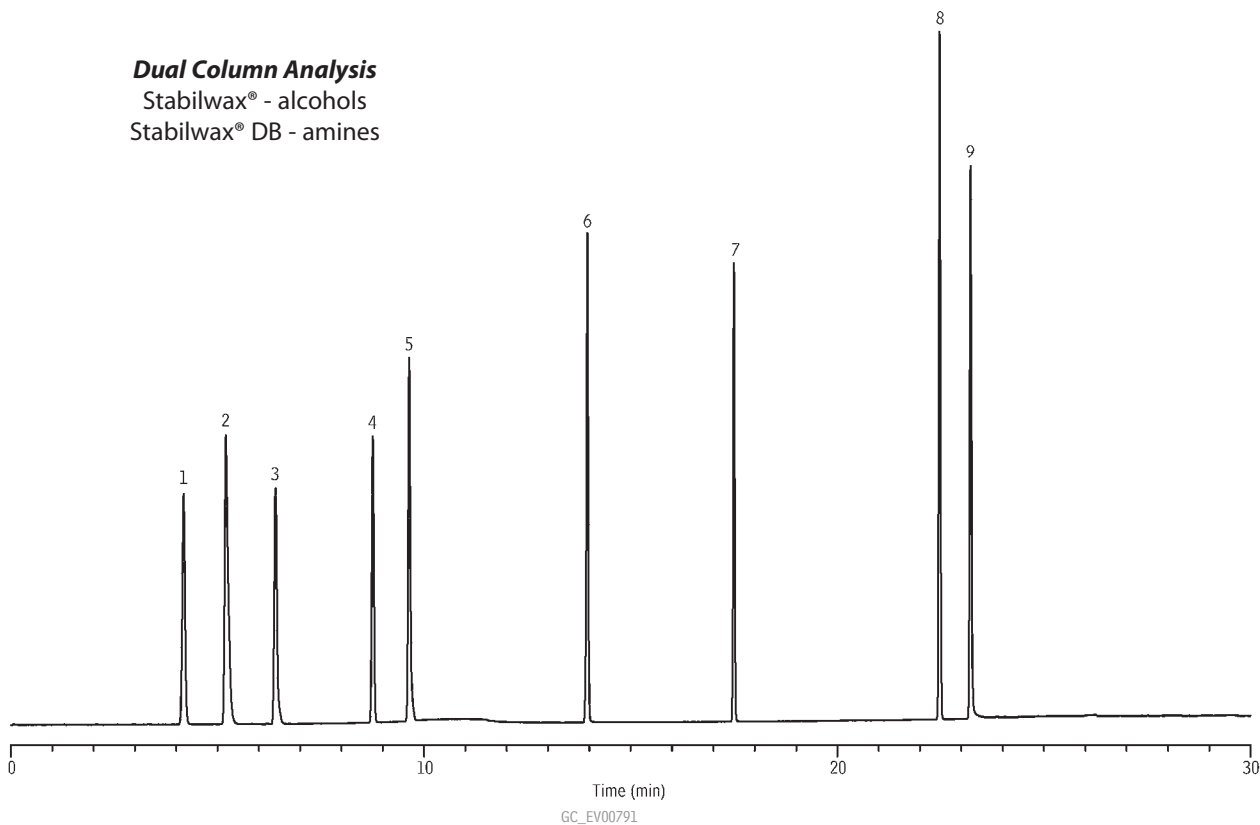


Volatile Organic
US EPA Method 1671
Stabilwax®

Dual Column Analysis

Stabilwax® - alcohols
Stabilwax® DB - amines



Peak	Retention Time (min.)
1. tetrahydrofuran (IS)	4.17
2. methanol	5.20
3. ethanol	6.40
4. acetonitrile	8.75
5. <i>n</i> -propanol	9.64
6. methyl Cellosolve®	13.95
7. formamide	17.50
8. dimethyl sulfoxide	22.47
9. ethylene glycol	23.22

Columns: shown: Stabilwax®, 30m, 0.32mm ID, 1.0µm (cat.# 10654)
(Column 2: Stabilwax® DB, 30m, 0.32mm ID, 1.0µm (cat.# 10854))
Flow from injector split to two columns using 0.53mm ID intermediate-polarity deactivated guard column (cat.# 10045), SeCure™ "Y" Connector (cat.# 20278), and "Y" Press-Tight® Connector (cat.# 20405)

Sample: 100µg/mL 1671 volatile organics mix in deionized water

Inj.: 1.0µL, split (split ratio 12:1), 4mm gooseneck splitless inlet liner (cat.# 20798)

Inj. temp.: 200°C

Carrier gas: helium, constant pressure

Linear velocity: 2.48mL/min. / 39.25cm/sec. @ 40°C
(Column 2: 2.51mL/min. / 39.68cm/sec. @ 40°C)

Oven temp.: 40°C (5 min.) to 180°C @ 7°C/min., hold 5 min.

Det.: FID @ 250°C

Searching for a chromatogram?

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