

Sulfur Free Odorants on a 25 Meter FFAP Module Using Micro GC Fusion®

Starting Parameters

These parameters can be used as a starting point for creating a method and can be adjusted to ensure all compounds are fully separated. Exact retention times will vary from GC to GC, but the compound order remains the same.

Method Parameter	Module – 25m HP-FFAP, Large Variable Volume Injector (GCMR-U85)
Inject time	250 ms
Injector temperature	90°C
Column pressure and carrier gas	35 psi, 99.999% helium
Column temperature	60°C(10 s) -->180°C (10 s), 0.8 C°/s
Sample pump time	15 s
Sample inlet temperature	90°C

Chromatogram

25m HP-FFAP, Large Variable Volume Injector

Note: Thiophene (THT), a sulfur-containing odorant, is used for reference.

