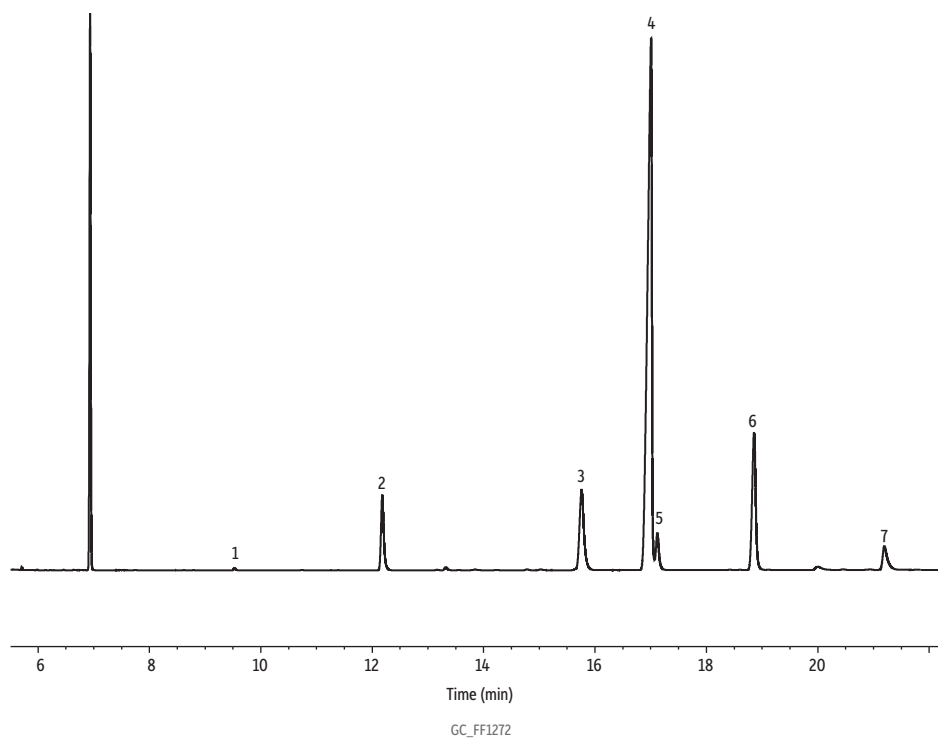


Butter Flavored Popcorn on Rt-2560



Peaks	ts (min)	Structural Nomenclature
1. Methyl myristate	9.256	C14:0
2. Methyl palmitate	12.178	C16:0
3. Methyl stearate	15.755	C18:0
4. Methyl oleate	17.001	C18:1 <i>cis</i> -9
5. Methyl vaccenate	17.116	C18:1 <i>cis</i> -11
6. Methyl linoleate	18.852	C18:2 <i>cis</i> -9,12
7. Methyl linolenate	21.193	C18:3 <i>cis</i> -9,12,15

Column Rt-2560, 100 m, 0.25 mm ID, 0.20 μ m (cat.# 13198)
Standard/Sample Butter flavored popcorn
Diluent: Hexane
Injection
 Inj. Vol.: 1 μ L split (split ratio 100:1)
 Liner: Topaz 4 mm ID straight inlet liner w/wool (cat.# 23300)
 Inj. Temp.: 250 °C
Oven
 Oven Temp.: 160 °C to 250 °C at 2 °C/min (hold 5 min)
Carrier Gas H₂, constant flow
Flow Rate: 2 mL/min
Detector FID @ 250 °C
Instrument Agilent 7890A GC
Sample Preparation The sample was prepared using sodium methoxide.