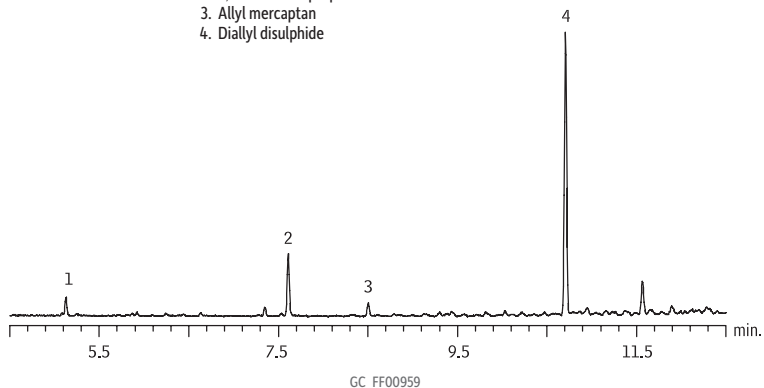


## Garlic Powder on Rxi-5ms

### Peaks

1. Allyl methylsulfide
2. 3,3'-Thiobis-1-propene
3. Allyl mercaptan
4. Diallyl disulphide



<b>Column</b>	Rxi -5ms, 30 m, 0.25 mm ID, 1.00 $\mu$ m (cat.# 13453) using IP deactivated guard column 5 m, 0.32 mm ID (cat.# 10044)
<b>Sample</b>	Garlic powder
<b>Injection</b>	headspace-trap
<b>Headspace-Trap</b>	
Instrument:	PerkinElmer Turbomatrix 40 Trap Headspace Sampler
Column Pressure:	15 psi
Inj. Time:	0.02 min
Inj. Temp.:	220 °C
Inj. Pressure:	30 psi
Withdraw Time:	0.2 min
Transfer Line	
Temp.:	110 °C
Oven Temp.:	80 °C
Needle Temp.:	90 °C
Vial Pressurize	
Time:	1 min
Thermostat Time:	15 min
<b>Oven</b>	
Oven Temp.:	35 °C (hold 1 min) to 220 °C at 15 °C/min to 300 °C at 45 °C/min
<b>Carrier Gas</b>	He, constant flow
Flow Rate:	1.5 mL/min
<b>Detector</b>	MS
Mode:	Scan
Ionization Mode:	El
Scan Range:	35-350 amu
<b>Notes</b>	Injection: split (10:1)