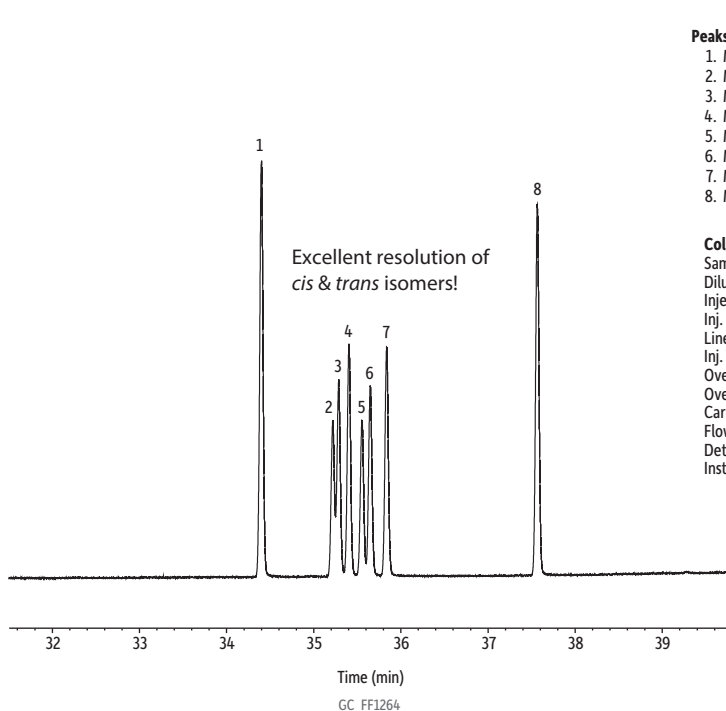


## Unsaturated *cis/trans* FAMES on Rt-2560



Peaks	tr (min)	Conc. mg/mL	Structural Nomenclature
1. Methyl stearate	34.402	2.0	C18:0
2. Methyl petroselaidate	35.220	0.8	C18:1 ( <i>trans</i> -6)
3. Methyl elaidate	35.288	1.0	C18:1 ( <i>trans</i> -9)
4. Methyl <i>trans</i> -vaccenate	35.405	1.2	C18:1 ( <i>trans</i> -11)
5. Methyl petroselinatate	35.555	0.8	C18:1 ( <i>cis</i> -6)
6. Methyl oleate	35.650	1.0	C18:1 ( <i>cis</i> -9)
7. Methyl vaccenate	35.838	1.2	C18:1 ( <i>cis</i> -11)
8. Methyl linoleate	37.567	2.0	C18:2 ( <i>cis</i> -9,12)

<b>Column</b>	Rt-2560, 100 m, 0.25 mm ID, 0.20 $\mu$ m (cat.# 13198)
Sample	<i>cis/trans</i> FAME mix (cat.# 35079)
Diluent:	Methylene chloride
Injection	
Inj. Vol.:	1 $\mu$ L split (split ratio 200:1)
Liner:	Topaz 4 mm ID straight inlet liner w/ wool (cat.# 23300)
Inj. Temp.:	240 °C
Oven	
Oven Temp.:	100 °C (hold 4 min) to 240 °C at 3 °C/min (hold 10 min)
Carrier Gas	H <sub>2</sub> , constant flow
Flow Rate:	2.2 mL/min
Detector	FID @ 250 °C
Instrument	Agilent 7890A GC