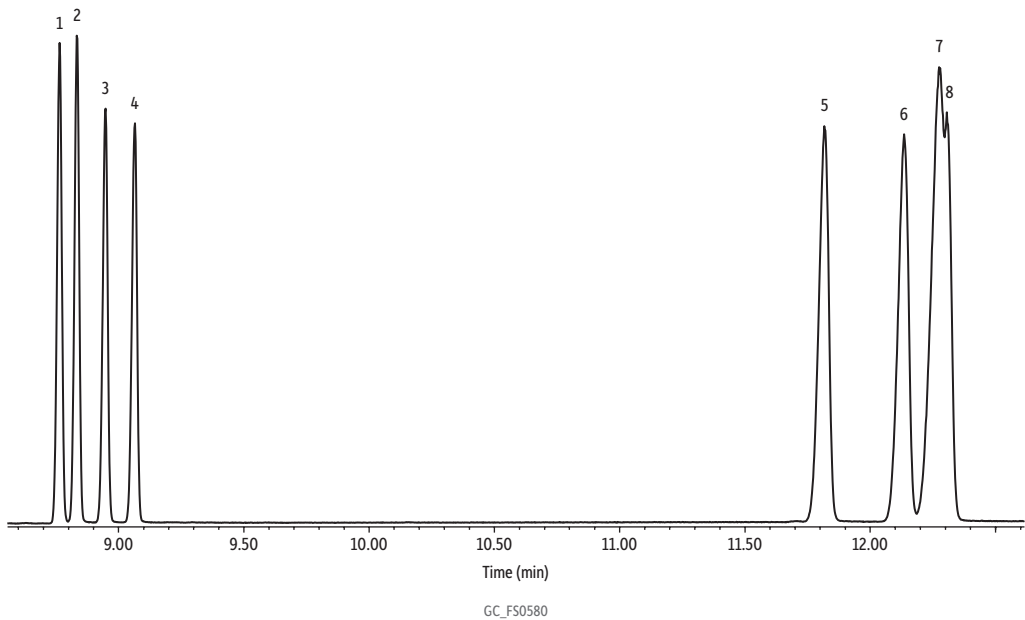


Sugar alditol acetates on Rtx-1701



Peaks	ts (min)
1. Rhamnose alditol acetate	8.762
2. Mannose alditol acetate	8.831
3. Galactose alditol acetate	8.953
4. Xylose alditol acetate	9.066
5. Fucose alditol acetate	11.186
6. Glucose alditol acetate	12.133
7. Ribose alditol acetate	12.275
8. Xylitol acetate	12.303

Column	Rtx-1701, 30 m, 0.25 mm ID, 0.25 µm (cat.# 12023)			
Standard/Sample	Alditol Acetate Mixture-1 (Matreya, LLC, cat.# 1124) Alditol Acetate Mixture-2 (Matreya, LLC, cat.# 1125)			
Diluent:	Chloroform			
Conc.:	50,000 µg/mL			
Injection				
Inj. Vol.:	1 µL split (split ratio 400:1)			
Liner:	Topaz 4.0 mm ID Precision Inlet Liner w/ Wool (cat.# 23305)			
Inj. Temp.:	250 °C			
Oven				
Oven Temp.:	40 °C (hold 0.5 min) to 230 °C at 30 °C/min (hold 7 min)			
Carrier Gas	He, constant flow			
Flow Rate:	1.4 mL/min			
Linear Velocity:	42.906 cm/sec @ 40 °C			
Dead Time:	1.165 min @ 40 °C			
Detector	MS			
Mode:	Scan			
Scan Program:				
	Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
	1	1.5	50-750	7.5
Transfer Line Temp.:	280 °C			
Analyzer Type:	Quadrupole			
Source Type:	Extractor			
Source Temp.:	280 °C			
Quad Temp.:	150 °C			
Electron Energy:	978 eV			
Solvent Delay Time:	1.5 min			
Tune Type:	PFTBA			
Ionization Mode:	EI			
Instrument	Agilent 7890B GC & 5977A MSD			