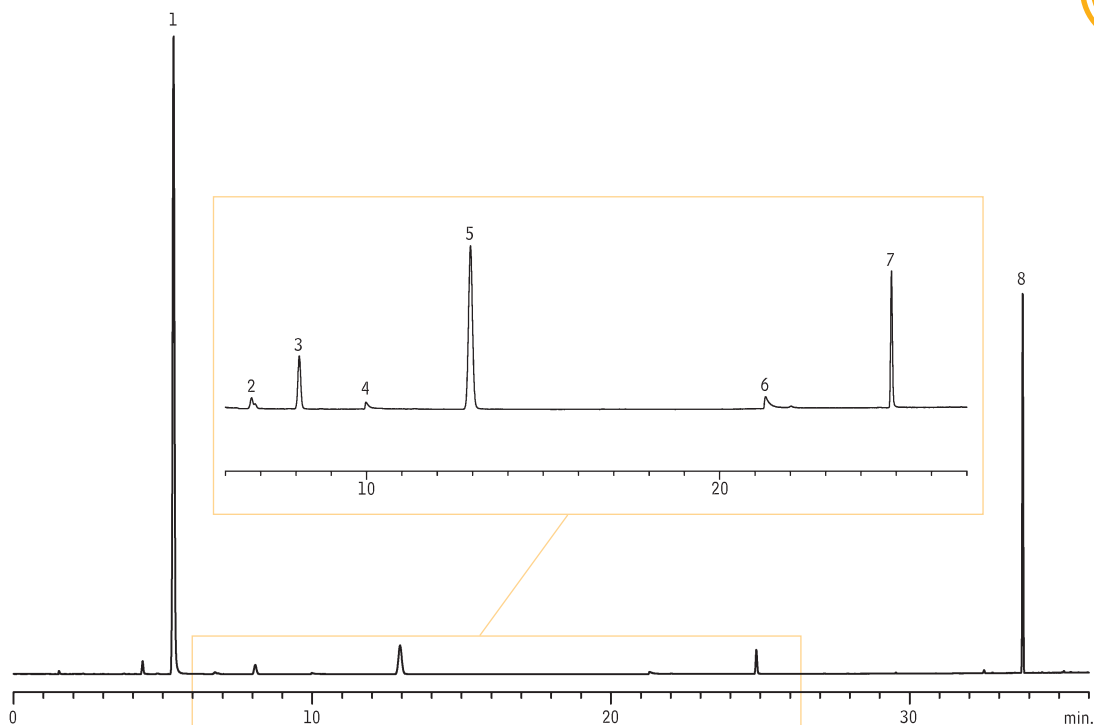


Class 2—Mix B Residual Solvents for Water-Soluble Articles on Rxi®-624Sil MS



GC\_PH1148

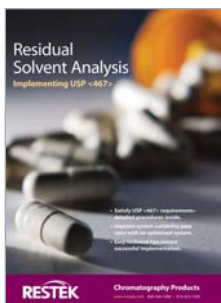
Peaks	RT (min.)	Conc. (µg/mL)
1. Hexane	5.355	2.42
2. Nitromethane	6.793	0.42
3. Chloroform	8.092	0.50
4. 1,2-Dimethoxyethane	9.980	0.83
5. Trichloroethene	12.941	0.67
6. Pyridine	21.303	1.67
7. 2-Hexanone	24.862	0.42
8. Tetralin	33.781	0.83

**Column:** Rxi®-624Sil MS, 30 m, 0.32mm ID, 1.80 µm (cat.# 13870)  
**Sample:** Residual Solvents Class 2 - Mix B (cat.# 36280)  
**Diluent:** water  
**Injection:** headspace-loop split (split ratio 5:1)  
**Liner:** 1 mm Split (cat.# 20972)

**Headspace-Loop**  
**Inj. Port Temp.:** 140 °C  
**Instrument:** Tekmar HT3  
**Inj. Time:** 1 min.  
**Transfer Line Temp.:** 110 °C  
**Valve Oven Temp.:** 110 °C  
**Sample Temp.:** 80 °C  
**Sample Equil. Time:** 60 min.  
**Vial Pressure:** 10 psi  
**Pressurize Time:** 0.5 min.  
**Pressure Equilibration Time:** 0.05 min.  
**Loop Pressure:** 5 psi  
**Loop Fill Time:** 0.1 min.

**Oven**  
**Oven Temp:** 40 °C (hold 20 min.) to 240 °C at 10 °C/min. (hold 20 min.)  
**Carrier Gas:** He, constant flow  
**Linear Velocity:** 35 cm/sec.  
**Dead Time:** 1.45 min. @ 40 °C  
**Detector:** FID @ 250 °C  
**Data Rate:** 5 Hz

**Instrument:** Agilent/HP6890 GC  
**Acknowledgement:** Teledyne Tekmar



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