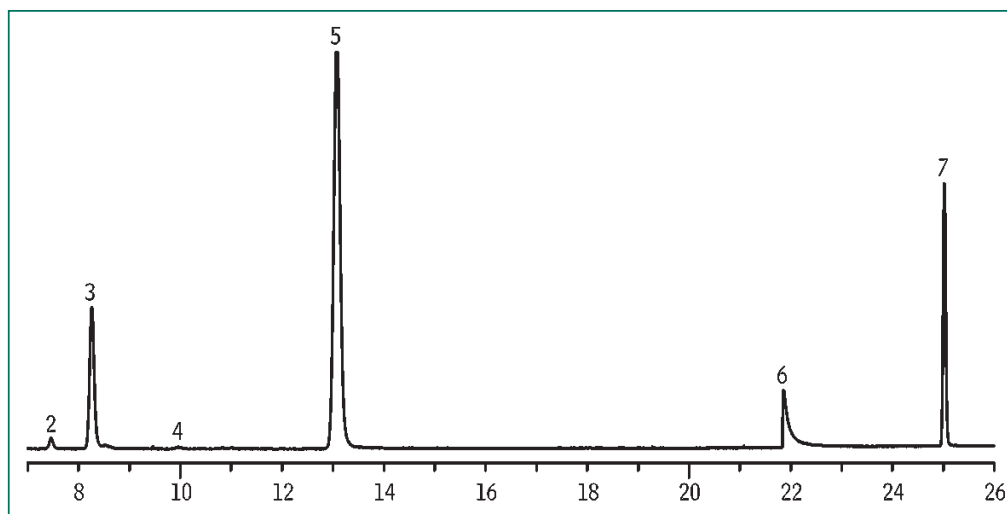


## Residual Solvents Class 2 Mixture B Rtx®-624

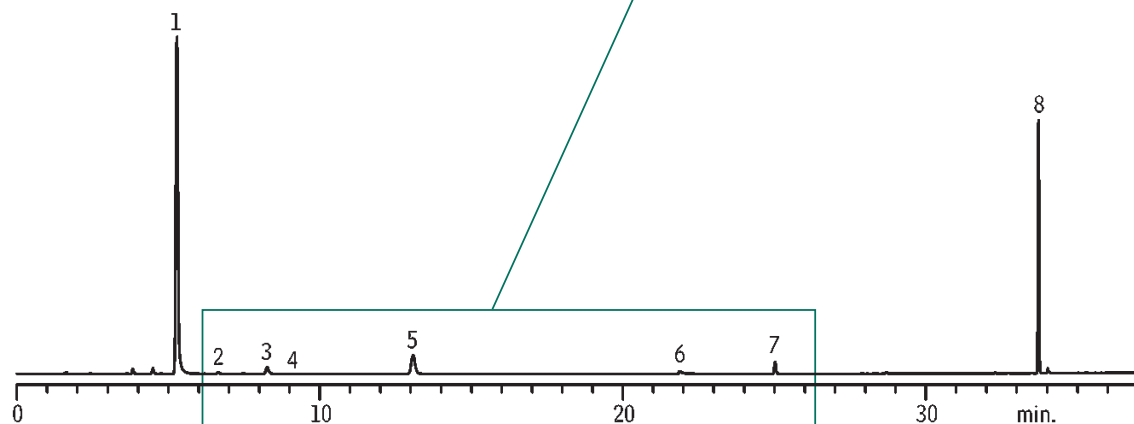


1. hexane
2. nitromethane
3. chloroform
4. 1,2-dimethoxyethane
5. trichloroethylene
6. pyridine
7. 2-hexanone
8. tetralin

Column: Rtx®-624, 30m, 0.32mm ID, 1.8 $\mu$ m (cat.# 10970)  
 Sample: USP <467> Class 2 Mixture B standard solution (cat.# 36280) in 20mL headspace vial  
 Inj.: headspace injection (split ratio 1:5), 1mm split liner Siltek® deactivated (cat.# 20972-214.1)  
 Inj. temp.: 140°C  
 Carrier gas: helium, constant flow  
 Flow rate: 2.16mL/min., 35.3cm/sec.  
 Oven temp.: 40°C for 20 min. to 240°C @ 10°C/min. (hold for 20 min.)  
 Det.: FID @ 240°C

### Headspace Conditions

Instrument: Tekmar HT3  
 Transfer line temp.: 105°C  
 Valve oven temp.: 105°C  
 Sample temp.: 80°C  
 Sample equil. time: 45 min.  
 Vial pressure: 10psi  
 Pressurize time: 0.5 min.  
 Loop fill pressure: 5psi  
 Loop fill time: 2.00 min.  
 Inject time: 1.00 min.



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