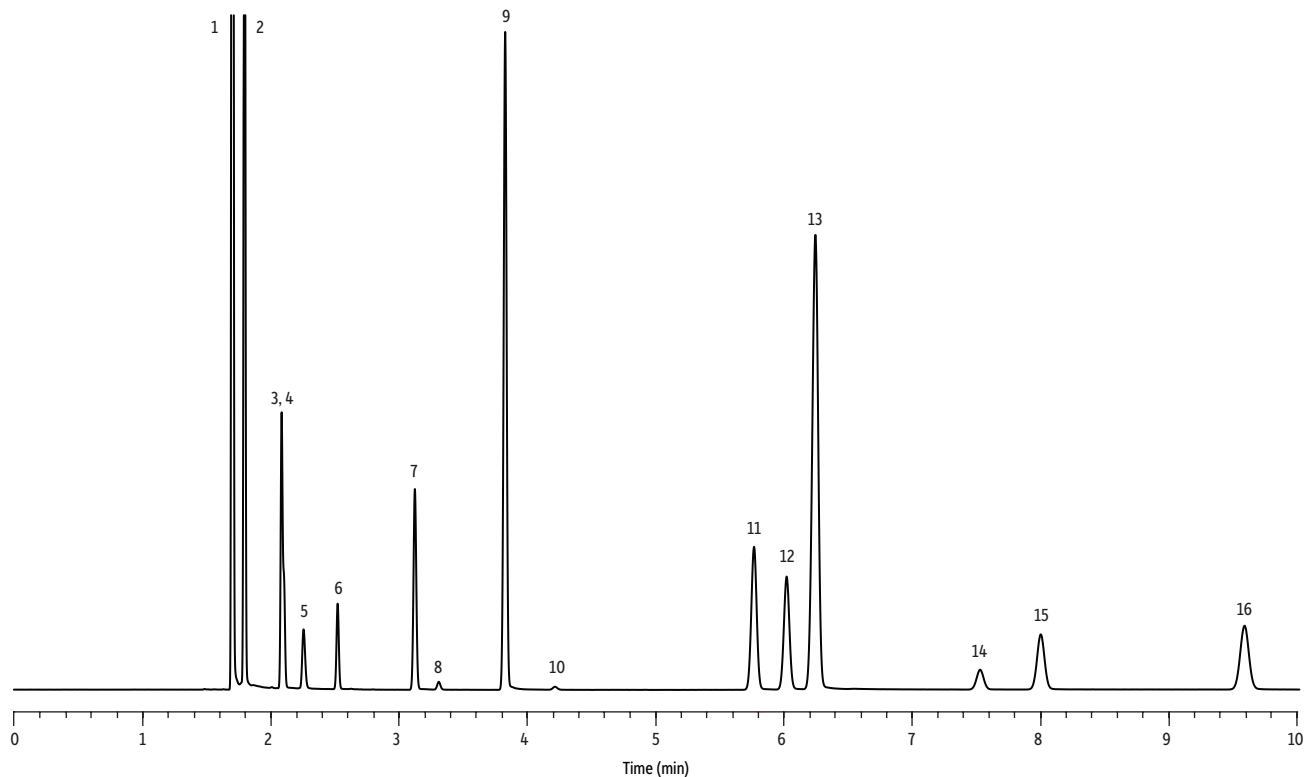


Residual Solvents Class 2 - Mix A (2013 Rev) on Stabilwax® (G16)



GC_PH1177

Peaks	t _R (min)
1. Cyclohexane	1.70
2. Methylcyclohexane	1.79
3. <i>trans</i> -1,2-Dichloroethene	2.08
4. Tetrahydrofuran	2.08
5. Methanol	2.25
6. Dichloromethane	2.52
7. <i>cis</i> -1,2-Dichloroethene	3.12
8. Acetonitrile	3.31
9. Toluene	3.82
10. 1,4-Dioxane	4.21
11. Ethylbenzene	5.76
12. <i>p</i> -Xylene	6.02
13. <i>m</i> -Xylene	6.24
14. Cumene	7.53
15. <i>o</i> -Xylene	8.00
16. Chlorobenzene	9.59

Column Stabilwax®, 30 m, 0.32 mm ID, 0.25 µm (cat.# 10624)
Sample Residual Solvents Class 2 - Mix A (2013 Rev) (cat.# 36012)
Diluent: Water
Conc.: Per USP <467> method
Injection
Inj. Vol.: 1,000 µL headspace-loop split (split ratio 50:1)
Liner: Premium 1.0 mm ID straight inlet liner (cat.# 23333.1)
Headspace-Loop
Inj. Port Temp.: 140 °C
Instrument: Tekmar HT3
Inj. Time: 1.0 min
Transfer Line Temp.: 105 °C
Valve Oven Temp.: 105 °C
Needle Temp.: 80 °C
Standby flow rate: 50 mL/min
Sample Temp.: 80 °C
Platen temp equil. time: 1.0 min
Sample Equil. Time: 45 min
Mixer time: 5.0 min
Mixing level: 5
Mixer stabilize time: 0.50 min
Vial Pressure: 20 psi
Pressurize Time: 5.0 min
Pressure Equilibration Time: 0.20 min
Loop Pressure: 10 psi
Loop Fill Time: 2.0 min
Oven
Oven Temp.: 50 °C (hold 20 min) to 165 °C at 6 °C/min (hold 20 min)
Carrier Gas
Flow Rate: He, constant flow
2.2 mL/min
Linear Velocity: 36 cm/sec @ 50 °C
Detector
Make-up Gas Flow Rate: FID @ 250 °C
45 mL/min
Make-up Gas Type: Nz
Hydrogen flow: 40 mL/min
Air flow: 450 mL/min
Data Rate: 20 Hz
Instrument Agilent/HP6890 GC