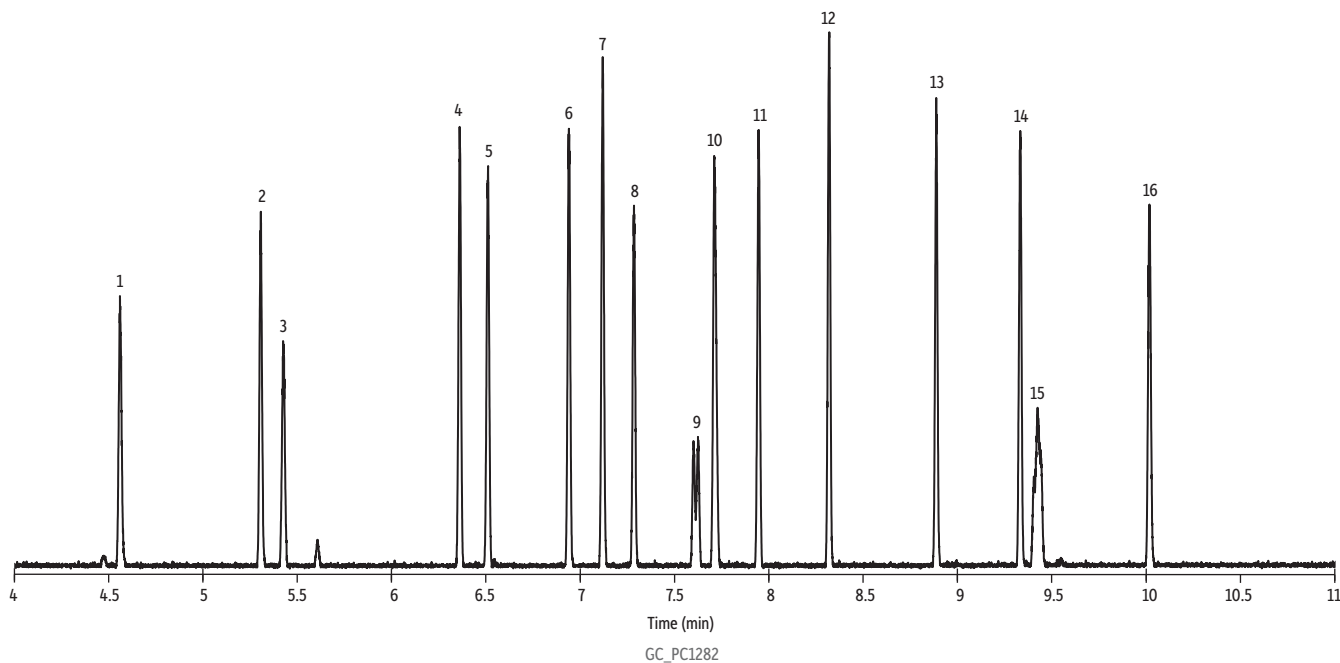


# Glycol Ethers of Regulatory Importance on Rtx®-624

Peaks	tR (min)	Conc. (µg/mL)	Common Name
1. EGME	4.561	100	Ethylene glycol methyl ether
2. EGEE	5.306	100	Ethylene glycol ethyl ether
3. Perfluoro TEGME (IS)	5.427	100	Perfluoro triethylene glycol methyl ether
4. PnPGE	6.362	100	Propylene glycol propyl ether
5. PGMA	6.511	100	Propylene glycol methyl ether acetate
6. EGBE	6.940	100	Ethylene glycol butyl ether
7. PGBE	7.119	100	Propylene glycol butyl ether
8. DEGME	7.285	100	Diethylene glycol methyl ether
9. DPGME I + DPGME II	7.613	100	Dipropylene glycol methyl ether
10. DEGEE + DPGME III	7.713	100	Diethylene glycol ethyl ether
11. 1,2-DCB-D4 (IS)	7.946	100	1,2-Dichlorobenzene-D4
12. EGHE	8.319	100	Ethylene glycol hexyl ether
13. DEGBE	8.880	100	Diethylene glycol butyl ether
14. EGPHE	9.333	100	Ethylene glycol phenyl ether
15. TPGME isomers	9.427	100	Tripropylene glycol methyl ether
16. DEGHE	10.018	100	Diethylene glycol hexyl ether

Standard was prepared from commercially available neat compounds, 95-99% purity.



**Column** Rtx®-624, 30 m, 0.25 mm ID, 1.40 µm (cat.# 10968)  
**Sample**  
**Diluent:** Methanol  
**Conc.:** 100 ppm  
**Injection**  
**Inj. Vol.:** 1 µL split (split ratio 30:1)  
**Liner:** Sky® 4 mm single taper w/wool (cat.# 23303.1)  
**Inj. Temp.:** 260 °C  
**Oven**  
**Oven Temp.:** 40 °C (hold 2 min) to 240 °C at 27 °C/min (hold 6 min)  
**Carrier Gas**  
**Flow Rate:** He, constant flow  
**Flow Rate:** 1.3 mL/min  
**Linear Velocity:** 41.05 cm/sec @ 40 °C  
**Detector** MS

**Scan Program:**

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	2	20-220	29

**Transfer Line**  
**Temp.:** 250 °C  
**Analyzer Type:** Quadrupole  
**Source Type:** Inert  
**Source Temp.:** 230 °C  
**Quad Temp.:** 150 °C  
**Electron Energy:** 70 eV  
**Solvent Delay**  
**Time:** 2 min  
**Tune Type:** PFTBA  
**Ionization Mode:** EI  
**Instrument** Agilent 7890A GC & 5975C MSD