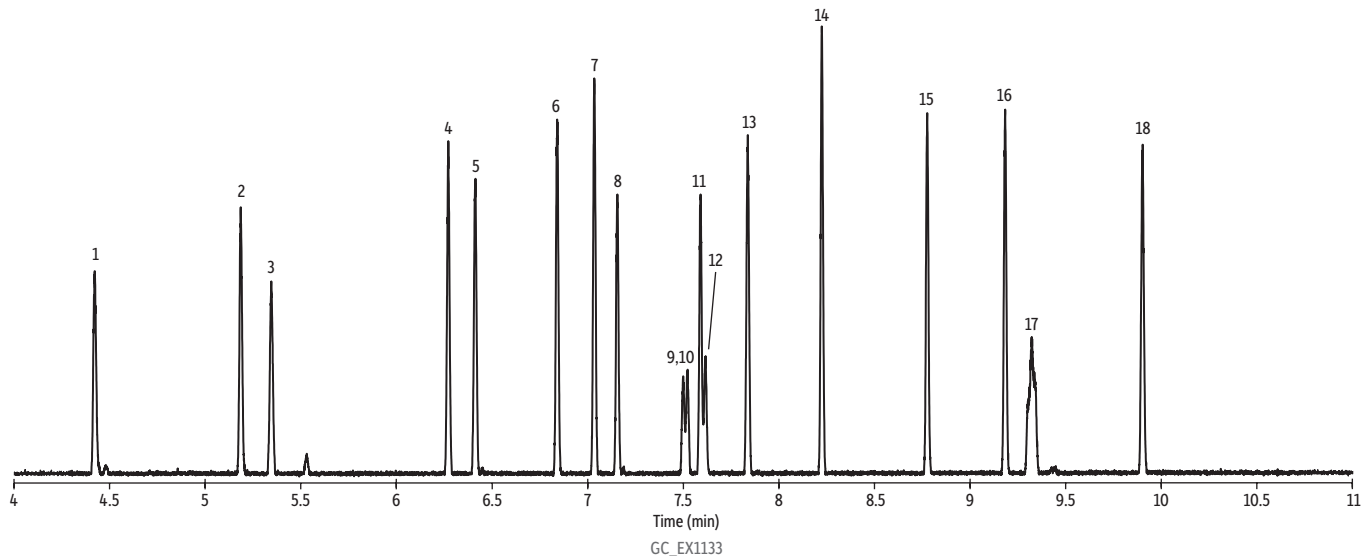


# Glycol Ethers of Regulatory Importance on a Non-Restek 624-Type Column

Peaks	tR (min)	Conc. (µg/mL)	Common Name
1. EGME	4.423	100	Ethylene glycol methyl ether
2. EGEE	5.186	100	Ethylene glycol ethyl ether
3. Perfluoro TEGME (IS)	5.346	100	Perfluoro triethylene glycol methyl ether
4. PnPGE	6.272	100	Propylene glycol propyl ether
5. PGMA	6.412	100	Propylene glycol methyl ether acetate
6. EGBE	6.841	100	Ethylene glycol butyl ether
7. PGBE	7.036	100	Propylene glycol butyl ether
8. DEGME	7.156	100	Diethylene glycol methyl ether
9. DPGME I	7.510	100	Dipropylene glycol methyl ether
10. DPGME II	7.510	100	Dipropylene glycol methyl ether
11. DEGEE	7.591	100	Diethylene glycol ethyl ether
12. DPGME III	7.616	100	Dipropylene glycol methyl ether
13. 1,2-DCB-D4 (IS)	7.838	100	1,2-Dichlorobenzene-D4
14. EGHE	8.225	100	Ethylene glycol hexyl ether
15. DEGBE	8.777	100	Diethylene glycol butyl ether
16. EGPhE	9.184	100	Ethylene glycol phenyl ether
17. TPGME isomers	9.324	100	Tripropylene glycol methyl ether
18. DEGHE	9.903	100	Diethylene glycol hexyl ether

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



**Column**  
**Sample**  
 Diluent: Methanol  
 Conc.: 100 ppm  
**Injection**  
 Inj. Vol.: 1 µL split (split ratio 30:1)  
 Inj. Temp.: 260 °C  
**Oven**  
 Oven Temp.: 40 °C (hold 2 min) to 240 °C at 27 °C/min (hold 6 min)  
**Carrier Gas**  
 Carrier Gas: He, constant flow  
 Flow Rate: 1.3 mL/min  
 Linear Velocity: 41.05 cm/sec @ 40 °C  
**Detector**  
 Mode: MS  
 Scan Program: Scan

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