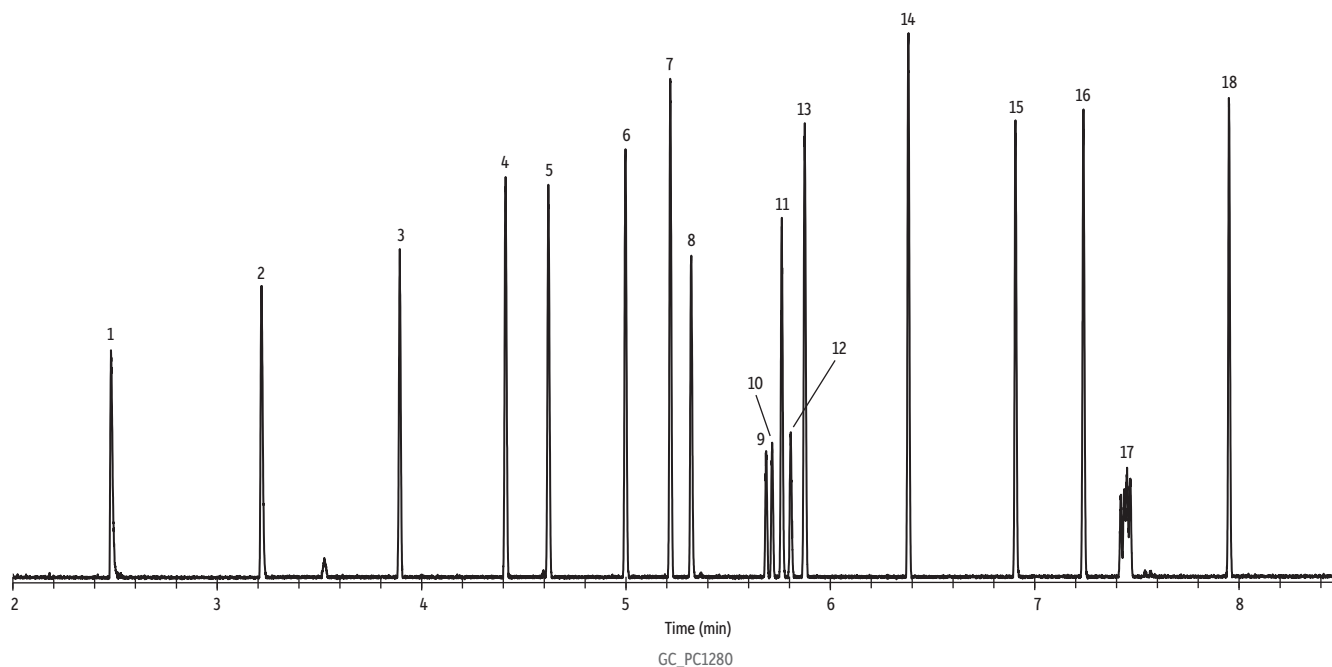


Glycol Ethers of Regulatory Importance on Rxi®-1301Sil MS

Peaks	tR (min)	Conc. (µg/mL)	Common Name
1. EGME	2.483	100	Ethylene glycol methyl ether
2. EGEE	3.218	100	Ethylene glycol ethyl ether
3. Perfluoro TEGME (IS)	3.894	100	Perfluoro triethylene glycol methyl ether
4. PnPGE	4.412	100	Propylene glycol propyl ether
5. PGMA	4.622	100	Propylene glycol methyl ether acetate
6. EGBE	4.998	100	Ethylene glycol butyl ether
7. PGBE	5.218	100	Propylene glycol butyl ether
8. DEGME	5.320	100	Diethylene glycol methyl ether
9. DPGME I	5.685	100	Dipropylene glycol methyl ether
10. DPGME II	5.715		Dipropylene glycol methyl ether
11. DEGEE	5.763	100	Diethylene glycol ethyl ether
12. DPGME III	5.807		Dipropylene glycol methyl ether
13. 1,2-DCB-D4 (IS)	5.876	100	1,2-Dichlorobenzene-D4
14. EGHE	6.383	100	Ethylene glycol hexyl ether
15. DEGBE	6.907	100	Diethylene glycol butyl ether
16. EGPhE	7.239	100	Ethylene glycol phenyl ether
17. TPGME isomers	7.451	100	Tripropylene glycol methyl ether
18. DEGHE	7.952	100	Diethylene glycol hexyl ether

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



Column Rxi®-1301Sil MS, 30 m, 0.25 mm ID, 0.25 µm (cat.# 16094)
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 300 °C at 27 °C/min (hold 3 min)
Carrier Gas 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.: 300 °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