

**Table 4.10****Hydrocarbon Concentrations Ranges Expected In Urban Ambient Air**

Component	Range, ppm in air	
	Minimum	Maximum
Methane	1.2	15
Ethane	0.005	0.5
Propane	0.003	0.3
Isobutane	0.001	0.1
n-Butane	0.004	0.4
Isopentane	0.002	0.2
n-Pentane	0.002	0.2
Ethylene	0.004	0.3
Propene	0.001	0.1
Butene-1	0.000	0.02
Isobutylene	0.000	0.02
Trans-2-butene	0.000	0.01
Cis-2-butene	0.000	0.01
1, 3 Butadiene	0.000	0.01
Acetylene	0.000	0.2

**Source:** Katz, Morris, Ed., Methods of Air Sampling and Analysis, Interdisciplinary Books & Periodicals, American Public Health Association, Second Edition, 1977.