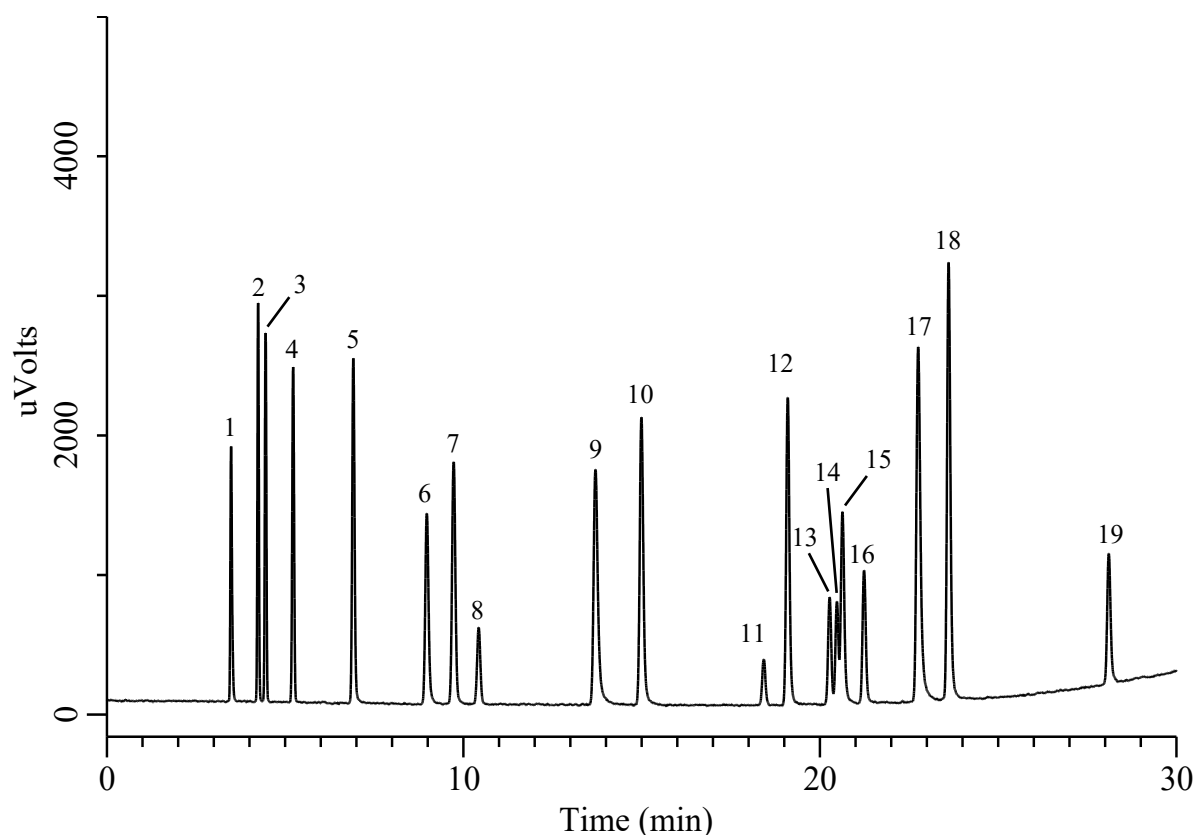


Analysis of Hydrocarbons C1-C5



Conditions

System : GC-4000 Plus system
Column : TB-PLOT GasPro (GL Sciences Inc.)
0.32 mm I.D. x 30 m df = 5 μ m
Column Cat. No. : 1010-46502
Column Temp. : 40 °C (10 min) - 5 °C/min - 180 °C
Carrier Gas : He 120 kPa, Constant Press.
Injection : Split 40 mL/min
250 °C
Detection : FID Auto Range
250 °C
Injection Vol. : 200 μ L
Sample : Standard

Analyte :

1. Methane	11. Methyl acetylene
2. Ethane	12. 1-Butene
3. Ethylene	13. 1,3-Butadiene
4. Acetylene	14. <i>trans</i> -2-Butene
5. Propane	15. Isobutene
6. Cyclopropane	16. <i>cis</i> -2-Butene
7. Propylene	17. Isopentane
8. Propadiene	18. <i>n</i> -Pentane
9. Isobutane	19. 2-Methyl-1-butene
10. <i>n</i> -Butane	

Each 100 ppm (v/v) Balance Gas N₂