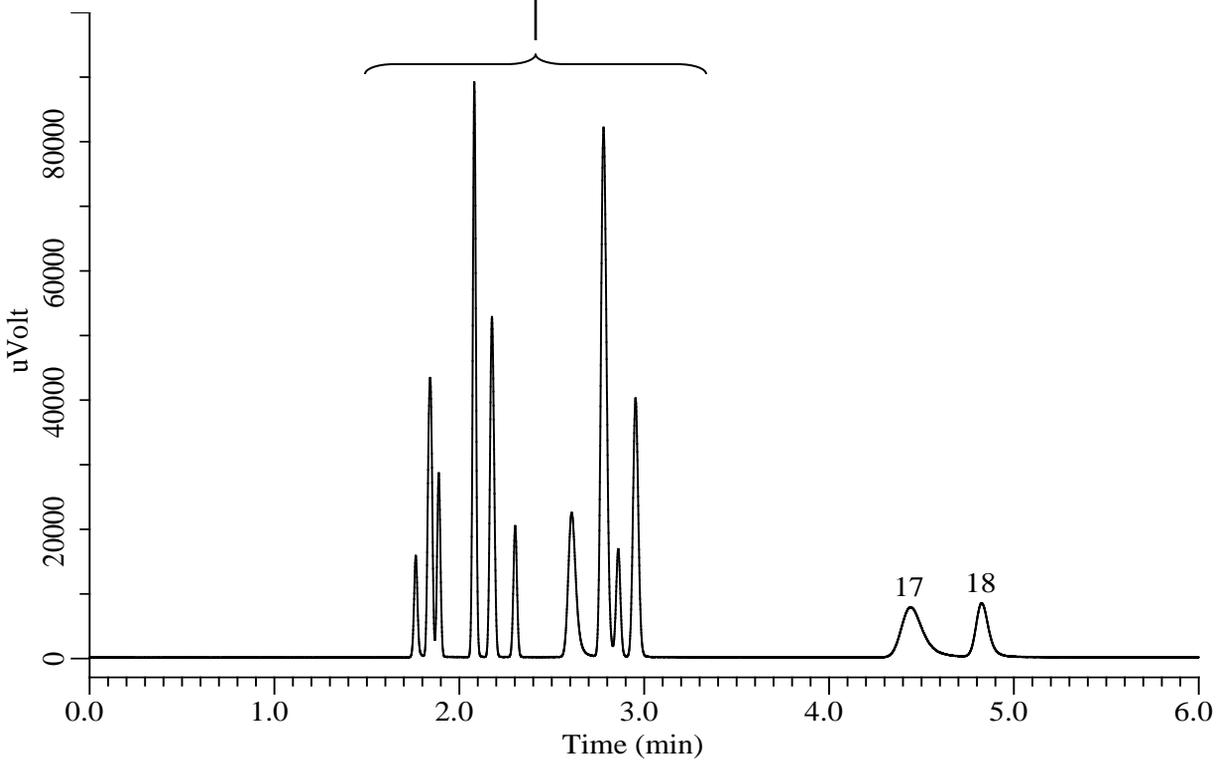
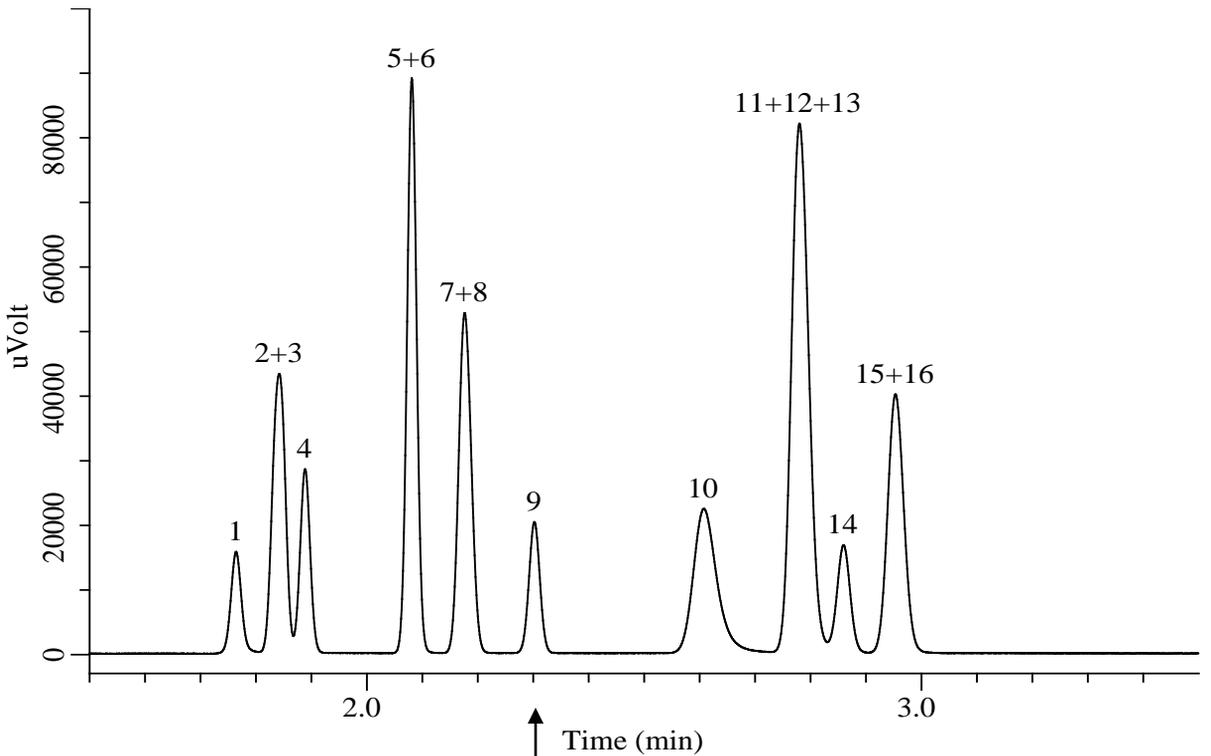


# InertSearch™ for GC

InertCap® Applications

## Hydrocarbons C1-C5

Data No. GA201-0591



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InertCap® Applications

## Hydrocarbons C1-C5

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### Conditions

**System** : GC/FID  
**Column** : TC-BOND U  
0.53 mm I.D. x 30 m df = 20 µm  
**Col. Cat. No.** : 1010-40443  
**Col. Temp.** : 150 °C  
**Carrier Gas** : He 30 kPa  
**Injection** : Split flow 50 mL/min  
190 °C  
**Detection** : FID Range 10<sup>0</sup>  
190 °C  
**Sample Size** : 100 ppm Vol/Vol in He  
200 µL

### Analyte

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