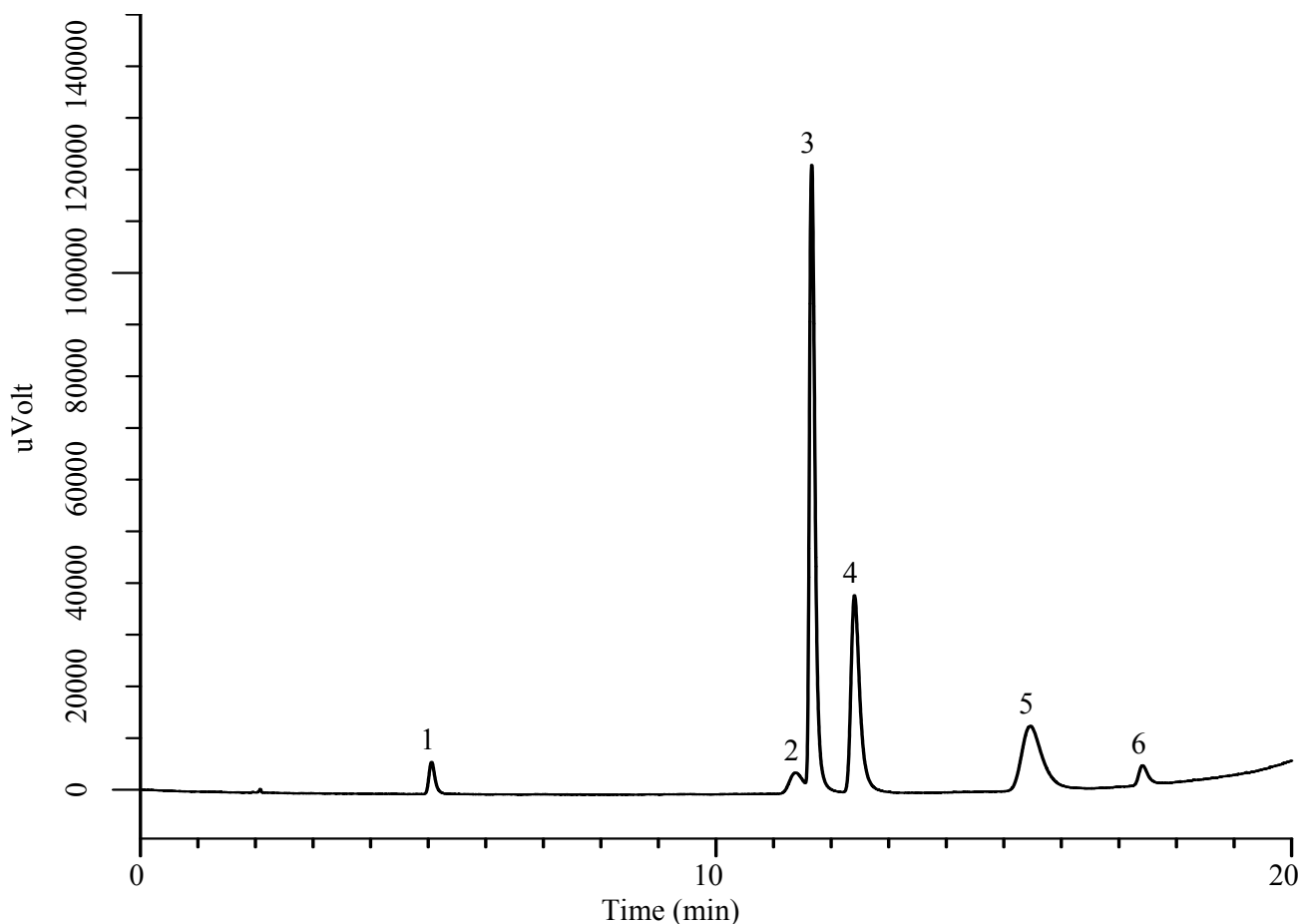


InertSearch™ for GC

InertCap® Applications

Organic fluorine compounds

Data No. GA219-0591



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. : 40 °C(5 min hold) - 10 °C/min - 190 °C
Carrier Gas : He 20 kPa
Injection : Split flow 50 mL/min
120 °C
Detection : FID Range 10⁰
190 °C
Sample Size : 1000 ppm Vol/Vol in N₂
400 µL

Analyte

1. Trifluoromethane (R-23)
2. Dichlorodifluoromethane (R-12)
3. 1,1-Difluoroethane (R-152a)
4. 1,1,1,2-Tetrafluoroethane (R-134a)
5. 1,2-Dichloro-1,1,2,2-tetrafluoroethane (R-114)
6. Trichlorofluoromethane (R-11)