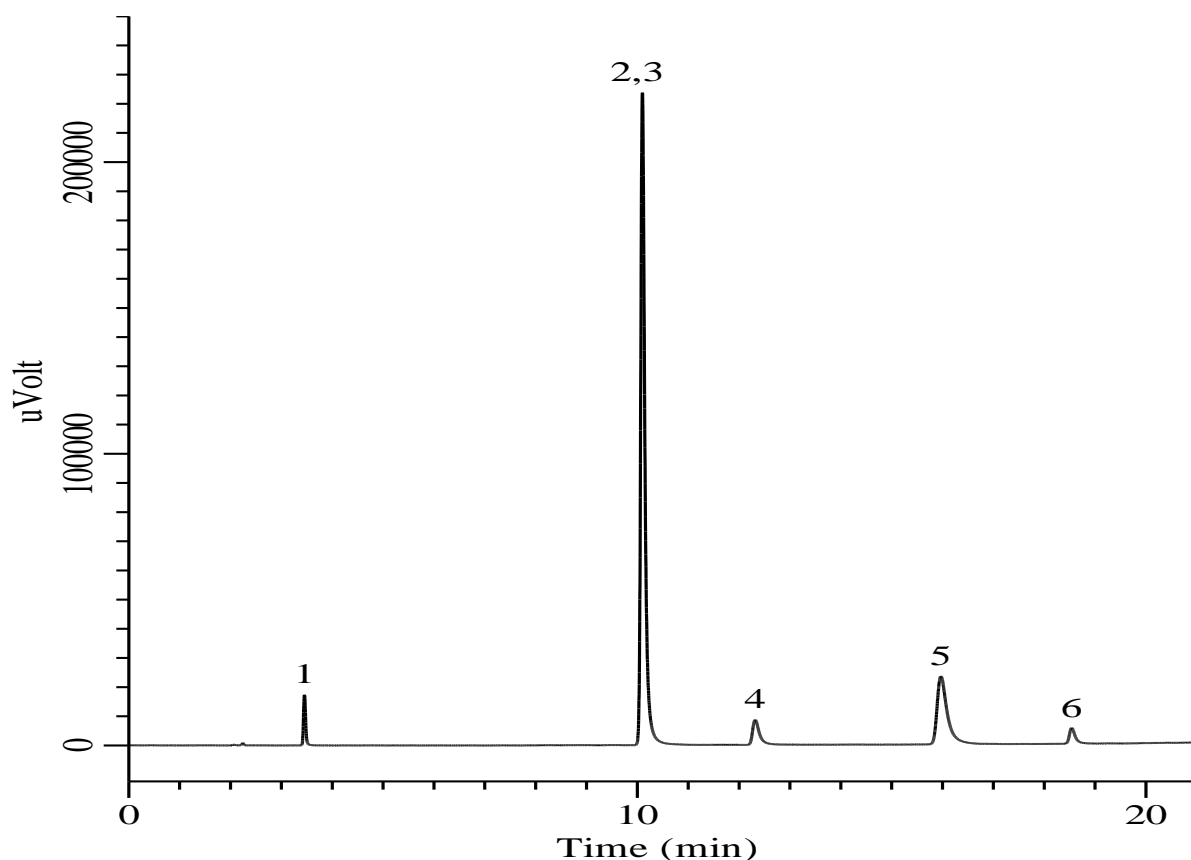


## Organic fluorine compounds



### Conditions

**System** : GC-FID  
**Column** : TC-BOND Q  
 0.53 mm I.D. x 30 m df = 20  $\mu$ m  
**Col. Cat. No.** : 1010-40243  
**Col. Temp.** : 40 °C(5 min hold) - 10 °C/min - 200 °C  
**Carrier Gas** : He 20 kPa  
**Injection** : Split flow 50 mL/min  
 120 °C  
**Detection** : FID Range 10<sup>0</sup>  
 250 °C  
**Sample Size** : 1000 ppm Vol/Vol in N<sub>2</sub>  
 400  $\mu$ L

### Analyte

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