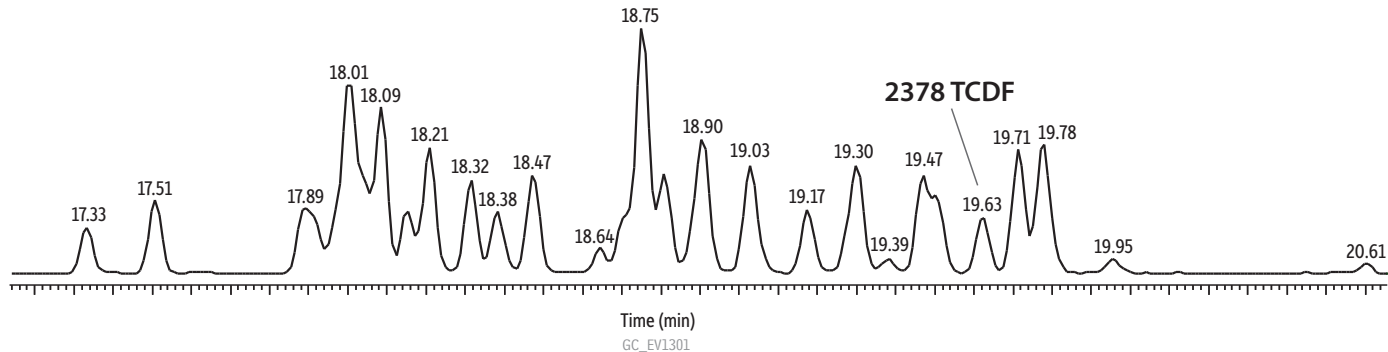


# Tetrachlorofurans on Rtx®-Dioxin2 (60 m x 0.18 mm x 0.10 µm)



**Column** Rtx®-Dioxin2, 60 m, 0.18 mm ID, 0.10 µm (cat.# custom)  
**Sample** Fly ash extract  
**Diluent:** Nonane  
**Conc.:** This is a "real world" sample extract.  
**Injection**  
**Inj. Vol.:** 1 µL splitless (hold 1 min)  
**Liner:** Premium 2 mm single taper w/wool (cat.# 23316.1)  
**Inj. Temp.:** 280 °C  
**Purge Flow:** 40 mL/min  
**Oven**  
**Oven Temp.:** 120 °C (hold 1 min) to 200 °C at 35 °C/min to 280 °C at 4.5 °C/min to 330 °C at 20 °C/min (hold 4.8 min)  
**Carrier Gas** He, constant flow  
**Flow Rate:** 1 mL/min

**Detector** HRMS  
**Mode:** Scan  
**Transfer Line**  
**Temp.:** 300 °C  
**Analyzer Type:** Magnetic Sector  
**Source Temp.:** 280 °C  
**Tune Type:** PFK  
**Electron Energy:** 40 eV  
**Resolving Power:** 10,000  
**Instrument** Waters AutoSpec Ultima Mass Spectrometer  
**Acknowledgement** Terry Kolic, Ontario Ministry of Environment