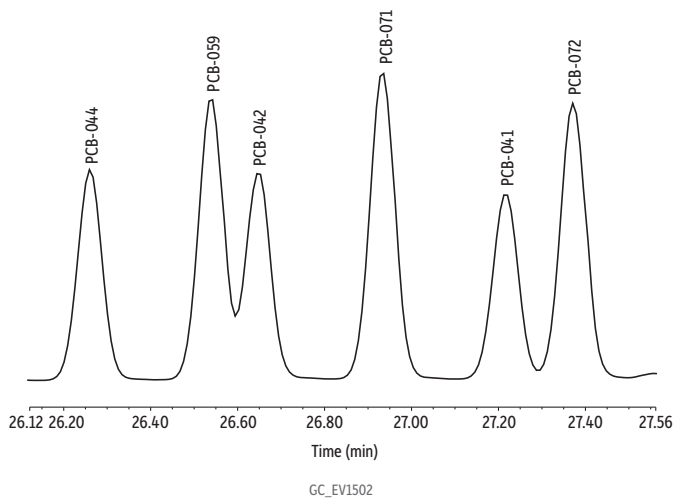


## Tetrachlorobiphenyl M-2Cl<sup>+</sup> Quantitation Ion on Rtx-PCB



**Column** Rtx-PCB, 60 m, 0.18 mm ID, 0.18  $\mu$ m (cat.# 41304)  
**Sample** AccuGrand 209 PCB standard (cat.# PCB-209-AG)  
**Diluent:** Isooctane  
**Injection**  
Inj. Vol.: 2  $\mu$ L splitless (hold 0.75 min)  
Liner: Topaz 4.0 mm ID single taper inlet liner w/ wool (cat.# 23303)  
Inj. Temp.: 350 °C  
Purge Flow: 100 mL/min  
**Oven**  
Oven Temp.: 120 °C (hold 1.1 min) to 188 °C at 20 °C/min to 260 °C at 2 °C/min to 300 °C at 6 °C/min to 320 °C at 10 °C/min (hold 6 min)  
**Carrier Gas**  
Flow Rate: He, constant flow  
1.44 mL/min  
**Detector** TSQ 9000 with AEI  
Transfer  
Line Temp.: 320 °C  
Analyzer Type: Quadrupole  
Source Type: AEI  
Source Temp.: 350 °C  
Solvent  
Delay Time: 11.01 min  
Tune Type: PFTBA  
Ionization Mode: EI  
**Instrument** Thermo Scientific TSQ 8000 Triple Quadrupole GC-MS