

EPH Silica Cartridge Background Extraction Aromatic Fraction on Rxi-5ms

| Peaks | tr (min) | Conc. (µg/mL) |
|----------------|----------|---------------|
| 1. o-Terphenyl | 14.177 | 5 |

Column Rxi-5ms, 30 m, 0.32 mm ID, 0.25 µm (cat.# 13424)
Sample MA EPH surrogate spike mix (cat.# 31479)
Conc.: 5 µg/mL
Injection
Inj. Vol.: 1 µL splitless (hold 1 min)
Liner: Premium 4.0 mm ID cyclo double taper inlet liner (cat.# 23310)
Inj. Temp.: 300 °C
Purge Flow: 50 mL/min
Oven
Oven Temp.: 40 °C (hold 1 min) to 300 °C at 12 °C/min to 330 °C at 6 °C/min
Carrier Gas He, constant flow
Flow Rate.: 2 mL/min
Linear Velocity: 41.0 cm/sec @ 40 °C
Dead Time: 1.12 min @ 40 °C
Detector FID @ 330 °C
Make-up Gas Flow Rate: 45 mL/min
Make-up Gas Type: N₂
Hydrogen flow: 40 mL/min
Air flow: 450 mL/min
Data Rate: 50 Hz
Instrument Agilent 7890B GC
Notes The area of the surrogate peak was excluded from the calculated total extracted background value for Region 2.

