

Biomonitoring of Hydroxypyrene

Method VEV0017J
HPLC RP Mode

Column: Eurospher 100-5 C18, 250 x 4.0 mm ID

Order No. 25DE181ESJ

Phase: Eurospher 100-5 C18

Conditions: Eluent: A: Acetonitrile
B: Water
Gradient: 0 – 28 min 60% - 100% A
5 min hold, equilibrate column 10 min with 60% A for next injection
Flow rate: 1.0 ml/min
Temperature: 30 °C
Volume: 10 µl

Detection: Fluorescence: excitation 242 nm, emission 388 nm

Substances: Hydroxypyrene (Biomarker of PAH contamination)

Keywords: Hydroxypyrene , Biomarker , PAH Contamination

Chromatogram:

1. Hydroxypyrene

