

## Polycyclic Aromatic Hydrocarbons (PAHs) in Water by Zebron ZB-5MS

**Column:** Zebron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G010-11

**Oven Profile:** 140C to 240C @ 15C/min to 275C @ 4C/min to 320C @ 10C/min for 5min

**Carrier Gas:** Constant Flow Helium, 1.4 mL/min

**Injection:** Split 15:1 1 µL @ 310°C

**Detection:** Mass Spectrometer (MS) (270°C)

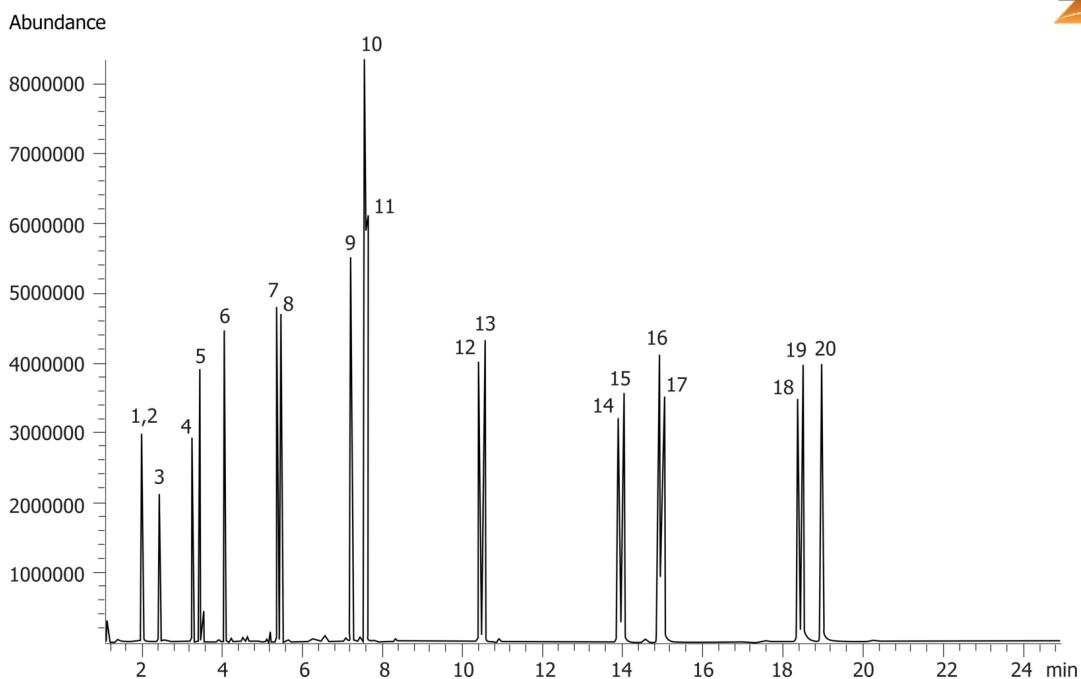
**Detector Info:** Within the 17 PAH's Mix Deuterated versions of 3 of the probes were added, surrogates (D8 Napthalene, D10 Pyrene) and D12-Benzo[a]pyrene for the ISS



Products used in this application:



19651



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### ANALYTES:

- 1 Naphthalene-d8
- 2 Naphthalene
- 3 2-Methylnaphthalene
- 4 Acenaphthalene
- 5 Acenaphthene
- 6 Fluorene
- 7 Anthracene
- 8 Phenanthrene
- 9 Fluoranthene
- 10 Pyrene-d10
- 11 Pyrene
- 12 Benzo[a]anthracene
- 13 Chrysene
- 14 Benzo[b]fluroanthene
- 15 Benzo[k]fluroanthene
- 16 Benzo[a]pyrene-d12
- 17 Benzo[a]pyrene
- 18 Indeno[1,2,3-cd]pyrene
- 19 Dibenz[a,h]anthracene
- 20 Benzo[g,h,i]perylene

