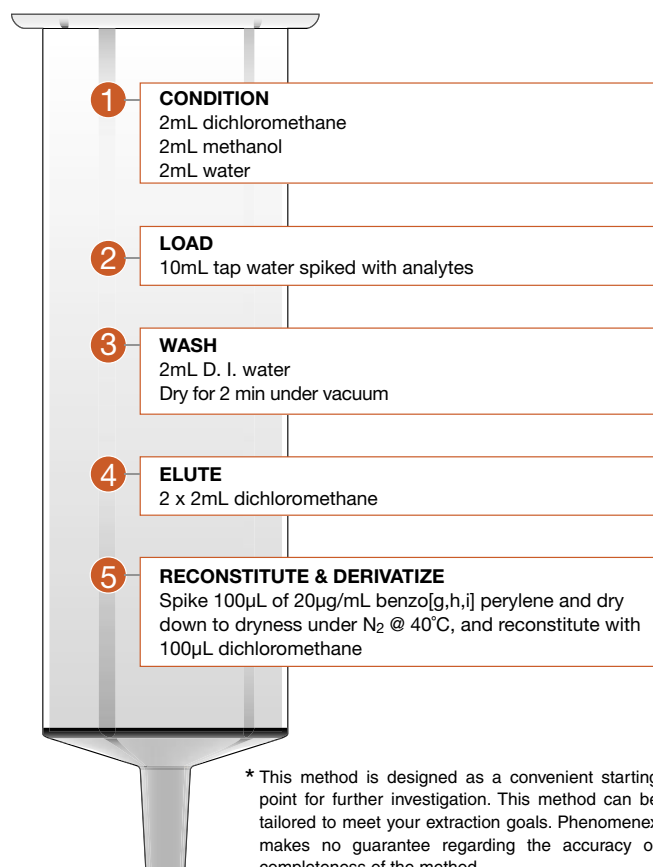
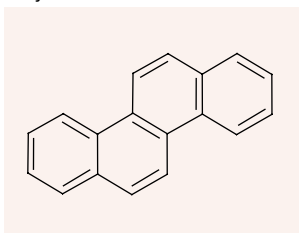


## Polycyclic Aromatic Hydrocarbons (PAH) Extracted from Tap Water using strata™ X

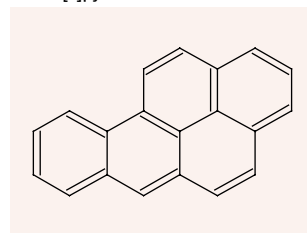
### SPE Procedure\* strata-X 60mg/3mL



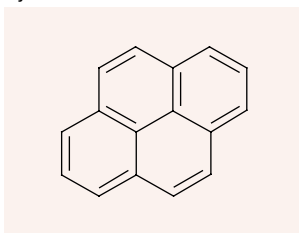
Chrysene



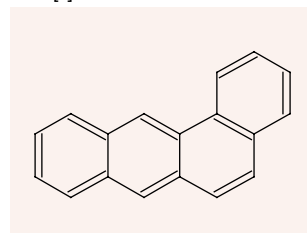
Benzo[a]pyrene



Pyrene

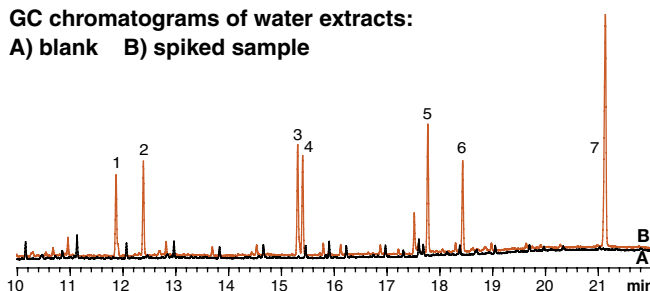


Benz[a]anthracene



### GC chromatograms of water extracts:

#### A) blank B) spiked sample



### Ordering Information

Order Number	Description
8B-S100-TAK-TN	strata-X 30mg/1mL Tubes (100/Box)
8B-S100-UBJ-TN	strata-X 60mg/3mL Tubes (50/Box)
8B-S100-FBJ-TN	strata-X 200mg/3mL Tubes (50/Box)
8B-S100-HBJ-TN	strata-X 500mg/3mL Tubes (50/Box)
8B-S100-ECH-TN	strata-X 100mg/6mL Tubes (30/Box)
8B-S100-FCH-TN	strata-X 200mg/6mL Tubes (30/Box)
8B-S100-HCH-TN	strata-X 500mg/6mL Tubes (30/Box)
8B-S100-HDG-TN	strata-X 500mg/12mL Giga Tubes (20/Box)
8B-S100-JEG-TN	strata-X 1g/20mL Giga Tubes (20/Box)
8B-S100-NGB-TN	strata-X 96-Well Plate 5mg/well (2/Box)
8B-S100-AGB-TN	strata-X 96-Well Plate 10mg/well (2/Box)
8B-S100-TGB-TN	strata-X 96-Well Plate 30mg/well (2/Box)
8B-S100-UGB-TN	strata-X 96-Well Plate 60mg/well (2/Box)
00M-S033-B0-CB-TN	strata-X 25µm On-Line Extraction Cartridge (each)
CH0-5845-TN	20mm Cartridge Holder (each)

### GC-MS Analysis Conditions:

<b>Column:</b>	Zebron™ ZB-5, 30meter x 0.25mm x 0.25µm (Order No: 7HG-G002-11-TN)
<b>Injection:</b>	1µL splitless for 0.4 min at 280°C
<b>Carrier:</b>	Constant flow Helium at 1.1 mL/min
<b>Oven:</b>	120°C to 320°C at 10°C/min hold for 2min
<b>Detector:</b>	MSD scan mode (50 to 450 amu); Source = 240°C; Transfer line = 320°C
<b>Peaks:</b>	1. Fluoranthene 5. Benzo[b]fluoranthene 2. Pyrene 6. Benzo[a]pyrene 3. Benz[a]anthracene 7. Benzo[g,h,i]perylene (ES) 4. Chrysene

### Results

Compound	Concentration (ng/mL)	% Recovery	% RSD (n=3)
Fluoranthene	100	92	5.73
Pyrene	100	89	5.58
Benz[a]anthracene	100	82	2.55
Chrysene	100	67	3.99
Benzo[b]fluoranthene	100	81	3.10
Benzo[a]pyrene	100	79	3.59

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