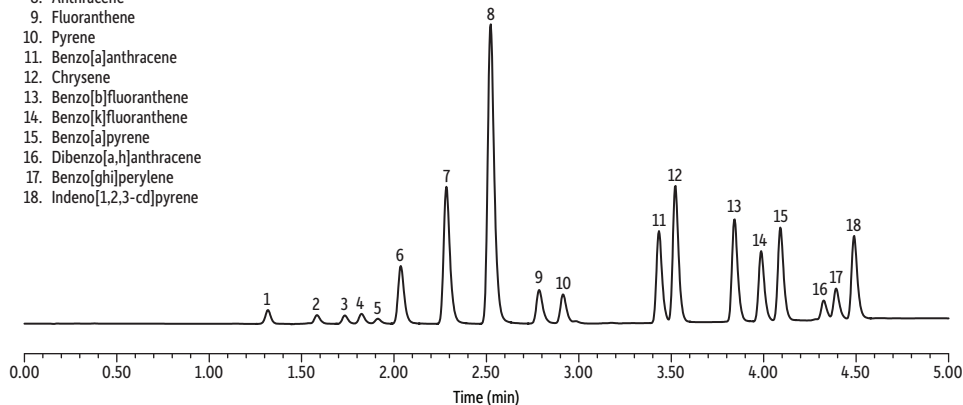


EPA 8310 PAH Mix on Pinnacle® DB PAH

Peaks

1. Naphthalene
2. Acenaphthylene
3. 1-Methylnaphthalene
4. 2-Methylnaphthalene
5. Acenaphthene
6. Fluorene
7. Phenanthrene
8. Anthracene
9. Fluoranthene
10. Pyrene
11. Benzo[a]anthracene
12. Chrysene
13. Benzo[b]fluoranthene
14. Benzo[k]fluoranthene
15. Benzo[a]pyrene
16. Dibenzo[a,h]anthracene
17. Benzo[ghi]perylene
18. Indeno[1,2,3-cd]pyrene



LC_EV0521

Column Pinnacle® DB PAH (cat.# 9470252)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 1.9 µm
Pore Size: 140 Å
Temp.: 30 °C
Sample EPA Method 8310 PAH Mixture (cat.# 31841)
Diluent: acetonitrile
Conc.: 10 µg/mL
Inj. Vol.: 1 µL
Mobile Phase
A: water
B: acetonitrile

Time (min)	Flow (mL/min)	%A	%B
0	0.8	60	40
2	0.8	40	60
4	0.8	0	100
4.5	0.8	0	100
4.51	0.8	60	40
5	0.8	60	40

Max Pressure: 724 bar
Detector Photo diode array @ 254, 4.8 nm
Instrument Waters