

ACN: 34124-0010-03-107

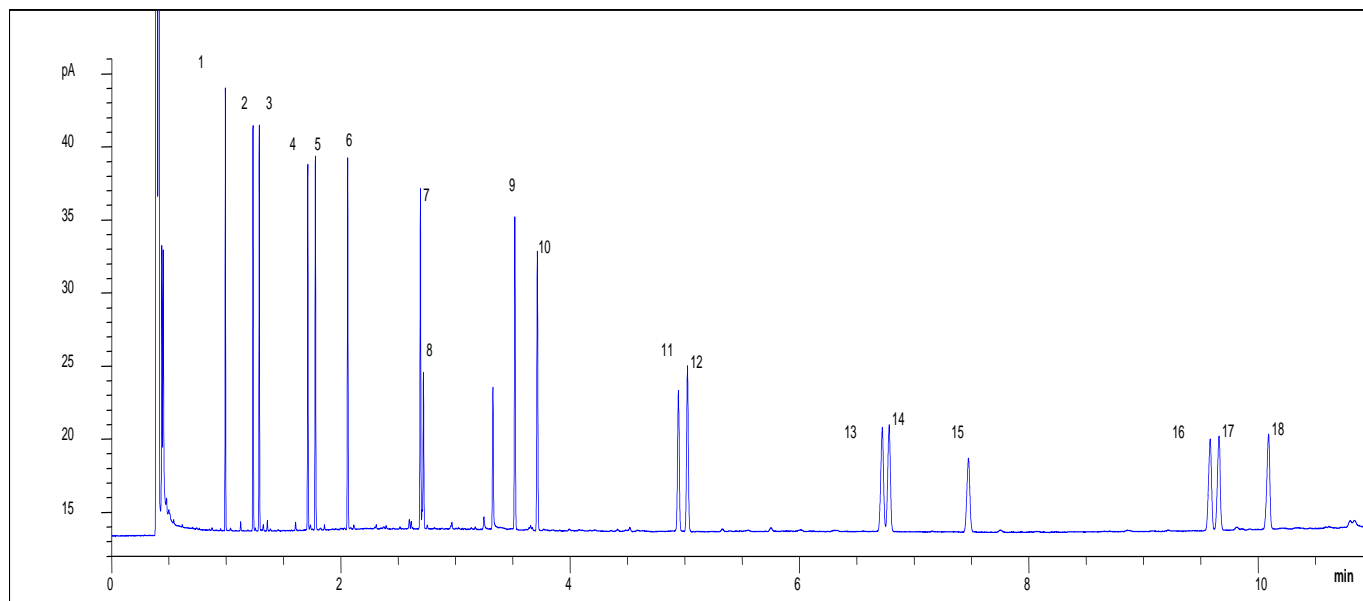
## EPA Method 610 Polycyclic Aromatic Hydrocarbons NSP – 610 Column

### Column Specifications

<b>Column Description:</b>	NSP-610	<b>Part Number:</b>	3412-15010
<b>Length (m):</b>	12	<b>Diameter (mm):</b>	0.15
<b>Film Thickness (µm):</b>	0.10		

### Test Conditions

<b>Injector Temperature (°C):</b>	300, Split, 50:1.	<b>Detector:</b>	FID, 360°C
<b>Carrier Gas</b>	Helium (Flow: 2.0 ml/min).	<b>Linear Velocity (cm/s):</b>	78
<b>Oven Temperature:</b>	100°C to 230°C @ 50°C/min. to 260°C @ 6°C/min to 300°C @ 12°C/min(1min) to 350°C @ 15°C /min(2min).		
<b>Pressure program:</b>	50 psi (1min) –70 psi @ 5 psi/min		
<b>Test Sample:</b>	Priority PAH (50 ppm), 1 µL.		
<b>Temperature Limits (°C):</b>	40-360		



### Compound Identification (Peaks)

1. Naphthalene	10. Pyrene
2. 1-Methyl Naphthalene	11. Benz[a]anthracene
3. 2-Methyl Naphthalene	12. Chrysene
4. Acenaphthylene	13. Benzo[b]fluoranthene
5. Acenaphthene	14. Benzo[k]fluoranthene
6. Fluorene	15. Benzo[a]pyrene
7. Phenanthrene	16. Indeno[1,2,3,-c,d]pyrene
8. Anthracene	17. Dibenz[a,h]anthracene
9. Fluoranthene	18. Benzo[g,h,i]perylene