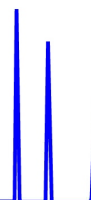




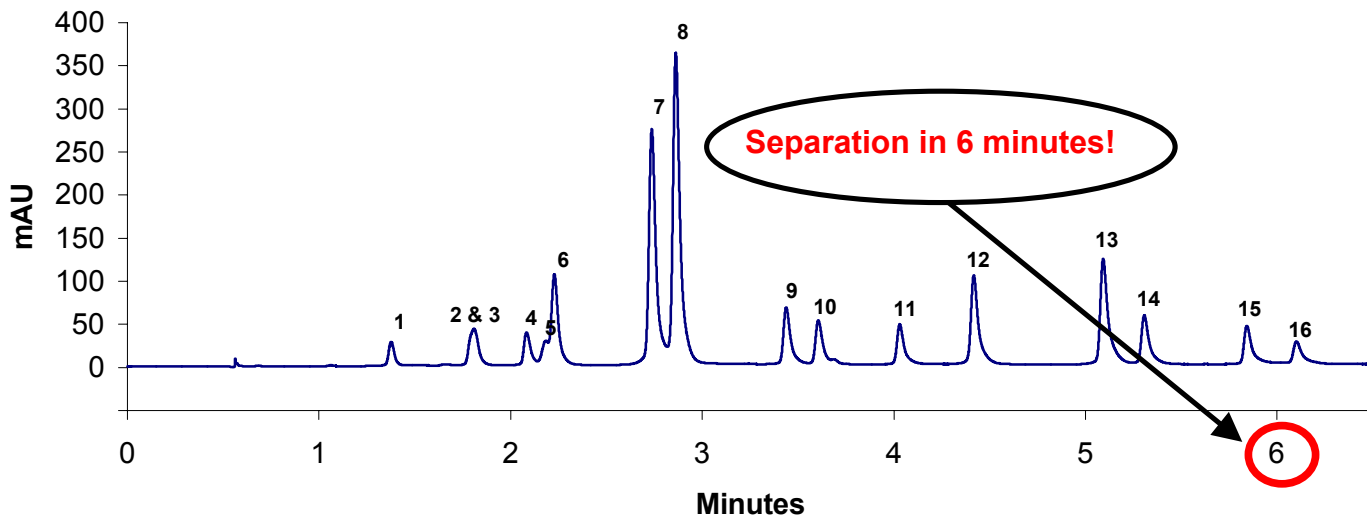
ZirChrom®

Technical
Bulletin #271



... For Peak Performance

16 Poly Aromatic Hydrocarbons on ZirChrom®-PS at 125°C



Column: ZirChrom®-PS 150 × 4.6 mm
Mobile Phase: Gradient

Detection: 254 nm
Injection: 2 uL
Temperature: 125°C with Metalox 200-C

| Minutes | %A | %B |
|---------|----|----|
| 0 | 90 | 10 |
| 7 | 50 | 50 |
| 7.5 | 50 | 50 |

A: Water
B: ACN

Flow rate: 3.0 ml/min.

Solutes: 1=Napthalene, 2 =1-Methylnapthalene, 3 =Acenaphthylene, 4=Acenaphthene
5=Fluorene, 6=Decafluorobiphenyl, 7=Phenanthrene, 8=Anthracene
9=Fluoranthene, 10=Pyrene, 11=p-terphenyl-d14, 12=benzo(a)anthracene,
13=benzo(b)fluoranthene, 14=Benzo(a)pyrene, 15=Dibenzo(a,h)anthracene,
16=Benzo(g,h,i)perylene

