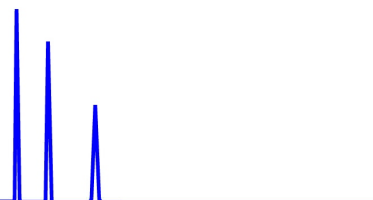




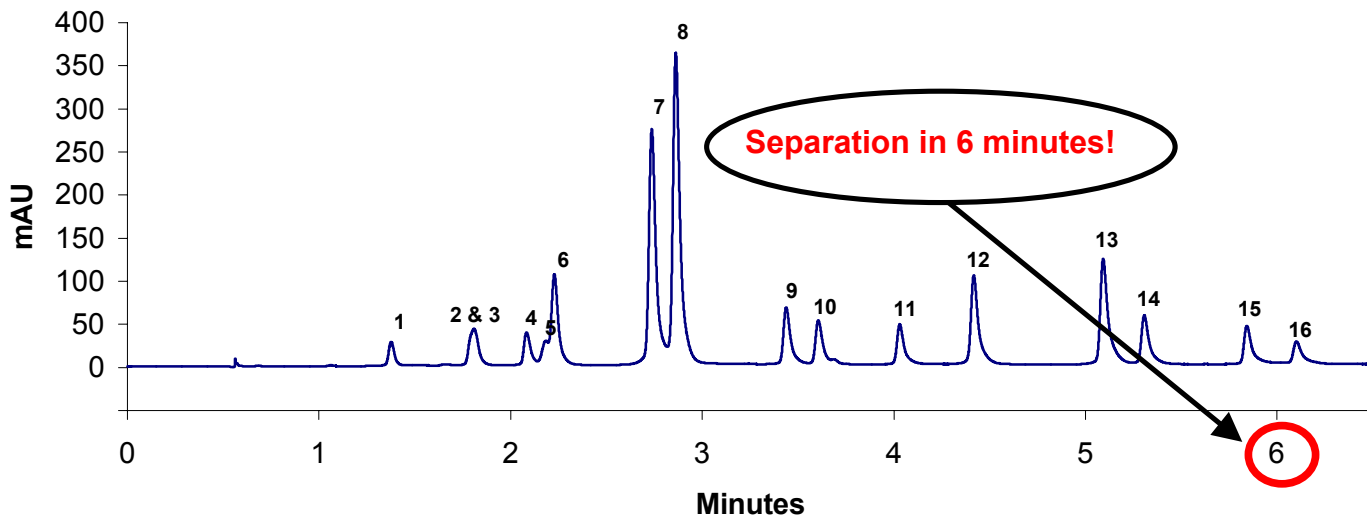
ZirChrom®

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

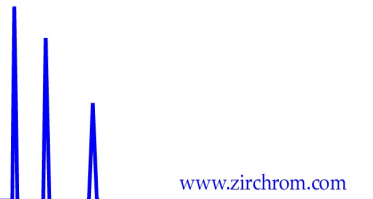
Detection: 254 nm
Injection: 2 uL
Temperature: 125°C with Metalox 200-C

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

A: Water
B: ACN

Flow rate: 3.0 ml/min.

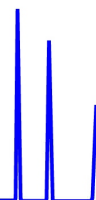
Solutes: 1=Napthalene, 2 =1-Methylnapthalene, 3 =Acenaphthylene, 4=Acenaphthene
5=Fluorene, 6=Decafluorobiphenyl, 7=Phenanthrene, 8=Anthracene
9=Fluoranthene, 10=Pyrene, 11=p-terphenyl-d14, 12=benzo(a)anthracene,
13=benzo(b)fluoranthene, 14=Benzo(a)pyrene, 15=Dibenzo(a,h)anthracene,
16=Benzo(g,h,i)perylene





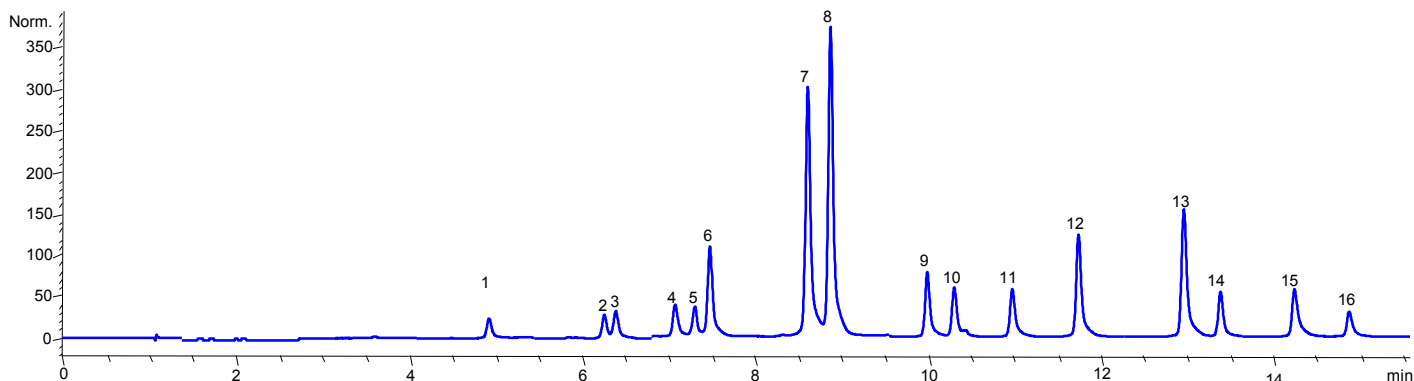
ZirChrom®

Technical
Bulletin #121



... For Peak Performance

16 Poly Aromatic Hydrocarbons on ZirChrom®-PS



Column: ZirChrom®-PS 150 × 4.6 mm

Mobile Phase: Gradient

Detection: 254 nm

Injection: 5 uL

Temperature: 80C with Metalox 200-C

Minutes	%A	%B
0	80	20
20	20	80
21	20	80

A: Water

B: ACN

Flow rate: 1.5 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

