

HPLC Application

ID No.: 24514

EPA 8310 on Kinetex 3.5µm PAH 100x4.6mm

Column: Kinetex® 3.5 µm PAH, LC Column 100 x 4.6 mm, Ea

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4764-E0

Elution Type: Gradient

Eluent A: Water

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	50	50
	2	7	0	100
	3	8	0	100
	4	9	50	50
	5	12	50	50

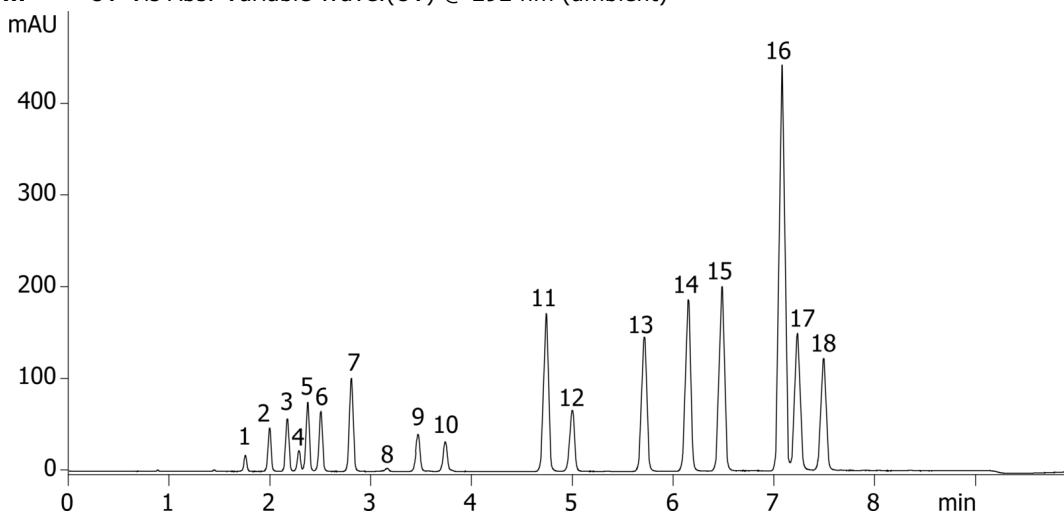
Flow Rate: 1.2 mL/min

Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 292 nm (ambient)



Products used in this application:



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ANALYTES:

- 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

