

GC-MS Food PAH analysis (EFSA PAH4) using on 10 meter Zebtron[™] ZB-PAH-EU GC Column

Column: Zebtron ZB-PAH-EU, GC Cap. Column 10mx 0.10mm, 0.08µm, Ea

Phase:

Dimensions: 10 meters x 0.1 mm x 0.08 µm

Order No: 7CB-G043-59

Oven Profile: 70°C for .4 min to 180°C @ 140°C/min to 230°C @ 14°C/min 230°C for 3 min to 280°C @ 85°C/min 280°C for 5 min to 330°C @ 40°C/min 330°C

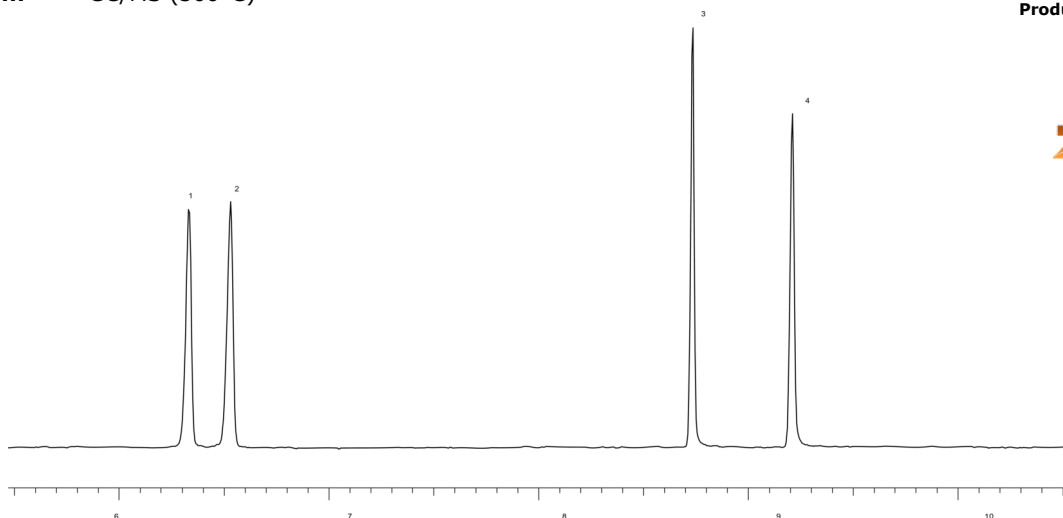
Carrier Gas: Constant Flow Helium, 0.88 mL/min

Injection: Split 15:1 1 µL @ 320°C

Detection: GC/MS (300°C)



Products used in this application:



ANALYTES:

- 1** Benz[a]anthracene
Retention Time: 6.27 min
- 2** Chrysene
Retention Time: 6.52 min
- 3** Benzo[b]fluoranthene
Retention Time: 8.75 min
- 4** Benzo[a]pyrene
Retention Time: 9.2 min

