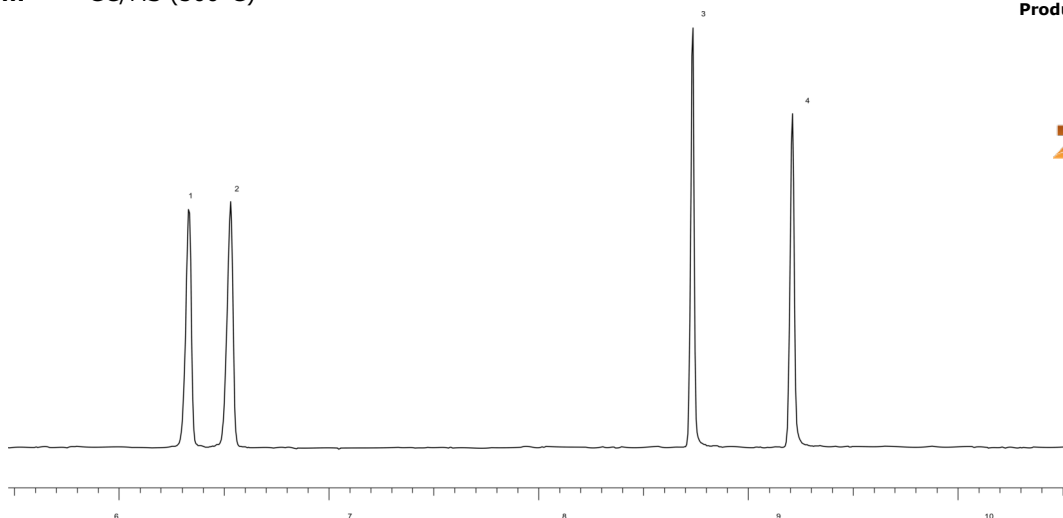


## GC-MS Food PAH analysis (EFSA PAH4) using on 10 meter Zebtron<sup>™</sup> ZB-PAH-EU GC Column

**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

