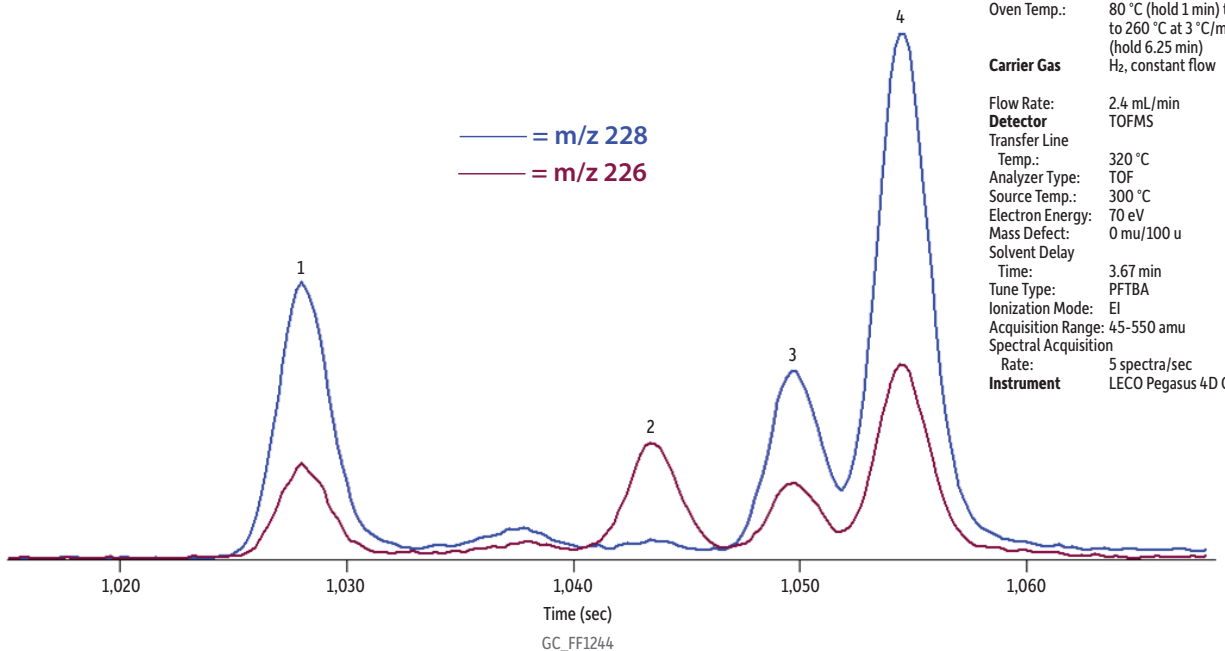
Benz[a]anthracene and Chrysene in a QuEChERS Extract of Mate Tea Separated from Potential Interfering PAHs on Rxi-PAH

Peaks	t_R (sec)
1. Benz[a]anthracene	1,028.4
2. Cyclopenta[cd]pyrene	1,044.0
3. Triphenylene	1,050.0
4. Chrysene	1,054.8



Column	Rxi-PAH, 60 m, 0.25 mm ID, 0.10 µm (cat.# 49317)
Injection	
Inj. Vol.:	2.5 µL splitless (hold 1 min)
Liner:	Premium 4 mm single taper w/wool (cat.# 23303)
Inj. Temp.:	275 °C
Purge Flow:	40 mL/min
Oven	
Oven Temp.:	80 °C (hold 1 min) to 210 °C at 40 °C/min to 260 °C at 3 °C/min to 350 °C at 11.5 °C/min (hold 6.25 min)
Carrier Gas	H_2, constant flow
Flow Rate:	2.4 mL/min
Detector	TOFMS
Transfer Line Temp.:	320 °C
Analyzer Type:	TOF
Source Temp.:	300 °C
Electron Energy:	70 eV
Mass Defect:	0 mu/100 u
Solvent Delay Time:	3.67 min
Tune Type:	PFTBA
Ionization Mode:	EI
Acquisition Range:	45-550 amu
Spectral Acquisition Rate:	5 spectra/sec
Instrument	LECO Pegasus 4D GCxGC-TOFMS

GC_FF1244

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