

CoreFocus
Report
No.534

GC

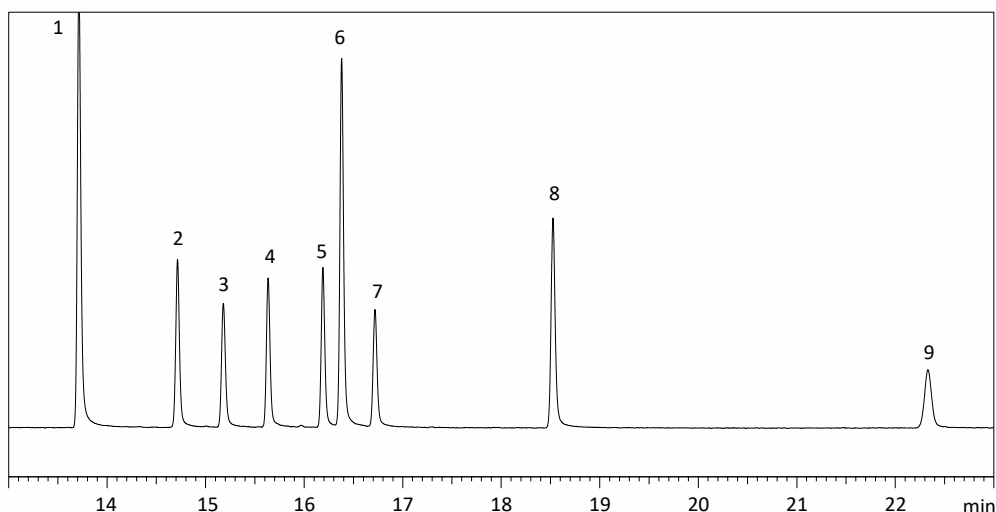
FPD

SH Series

SH-1

Analysis of Pesticides

Keywords: Food safety, FPD detector, Organosulfur compound, Organophosphorus compound



- | | |
|---------------------|--|
| 1. Dimethoate | 6. Malathion |
| 2. Diazinon | 7. Chlorpyrifos |
| 3. Iprofenfos | 8. Prothiofos |
| 4. Parathion-methyl | 9. Ethyl-p-nitrophenylthionobenzenephosphonate |
| 5. Fenitrothion | |

Column	: SH-1 30 m x 0.32 mm I.D., df= 1.0 µm, P/N : 221-75725-30
Column Oven Temp.	: 80 °C (1 min) → 10 °C/min → 250 °C (10 min)
Injection Temperature	: 230 °C
Injection Mode	: Splitless
Carrier Gas	: He, 80 cm/sec (Linear Velocity)
FPD	: 280 °C (H ₂ 90 mL/min, Air 80 mL/min)
	S mode

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