

**CoreFocus**  
**Report**

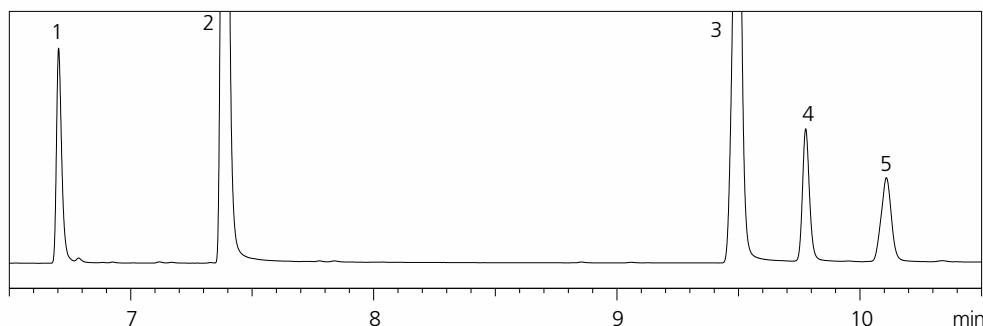
**No.536**

GC      FPD      SH Series

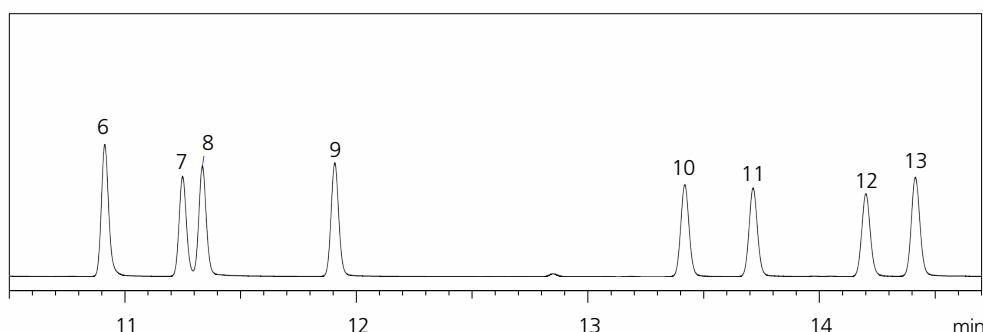
**SH-1701**

**Analysis of Pesticides**

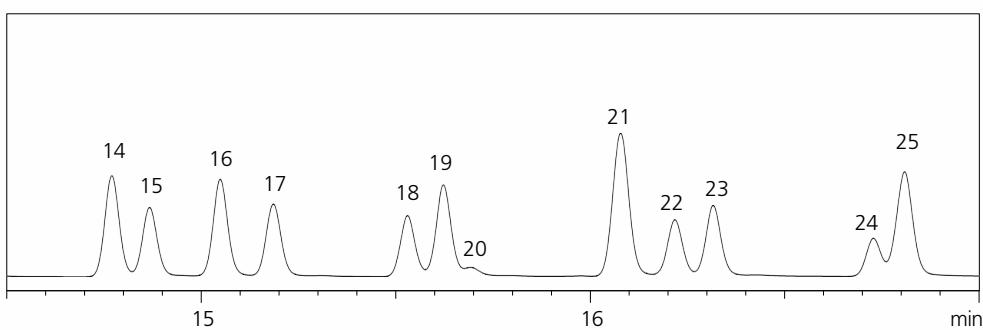
**Keywords: Food safety, FPD detector, Organosulfur compound, Organophosphorus compound**



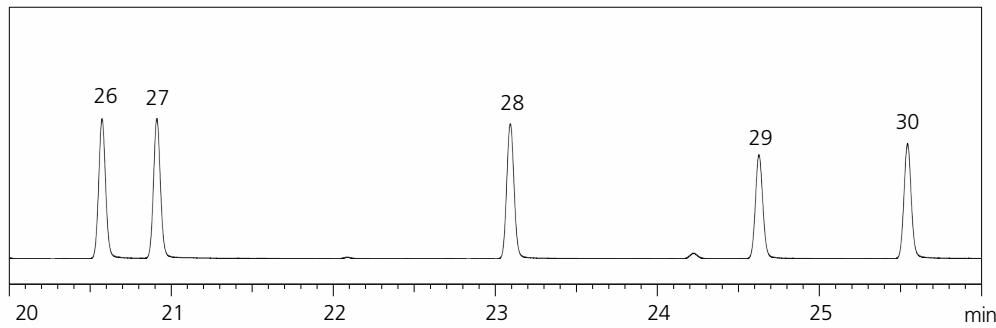
- 1. Dichlorvos
- 2. Methamidophos
- 3. Acephate
- 4. Ethoprophos
- 5. Cadusafos



- 6. Thiometon
- 7. Terbufos
- 8. Diazinon
- 9. Etrinphos
- 10. Tolclofos-methyl
- 11. Pirimiphos-methyl
- 12. Chlormpyrifos
- 13. Parathion-methyl



- 14. Fenthion
- 15. Malathion
- 16. Fenitrothion
- 17. (Z)-Dimethylvinphos
- 18. Isofenphos oxon
- 19. Parathion
- 20.  $\alpha$ -CVP
- 21. Isofenphos + Quinalphos
- 22.  $\beta$ -CVP
- 23. Phenthroate
- 24. Fosthiazate-1
- 25. Fosthiazate-2 + Prothiofos



- 26. Edifenphos
- 27. Fensulfothion
- 28. EPN
- 29. Phosalone
- 30. Pyraclofos

Column	: SH-1701 30 m x 0.25 mm I.D., df= 0.25 $\mu$ m, P/N : 221-75777-30
Column Oven Temp.	: 60°C (1 min) → 20°C/min → 180 °C → 5 °C/min → 280 °C (10 min)
Injection Temperature	: 260°C
Injection Mode	: Splitless
Carrier Gas	: He, 39.9 cm/sec (Linear Velocity)
FPD	: 300 °C (H <sub>2</sub> 0 mL/min, Air 80 mL/min) P mode

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