

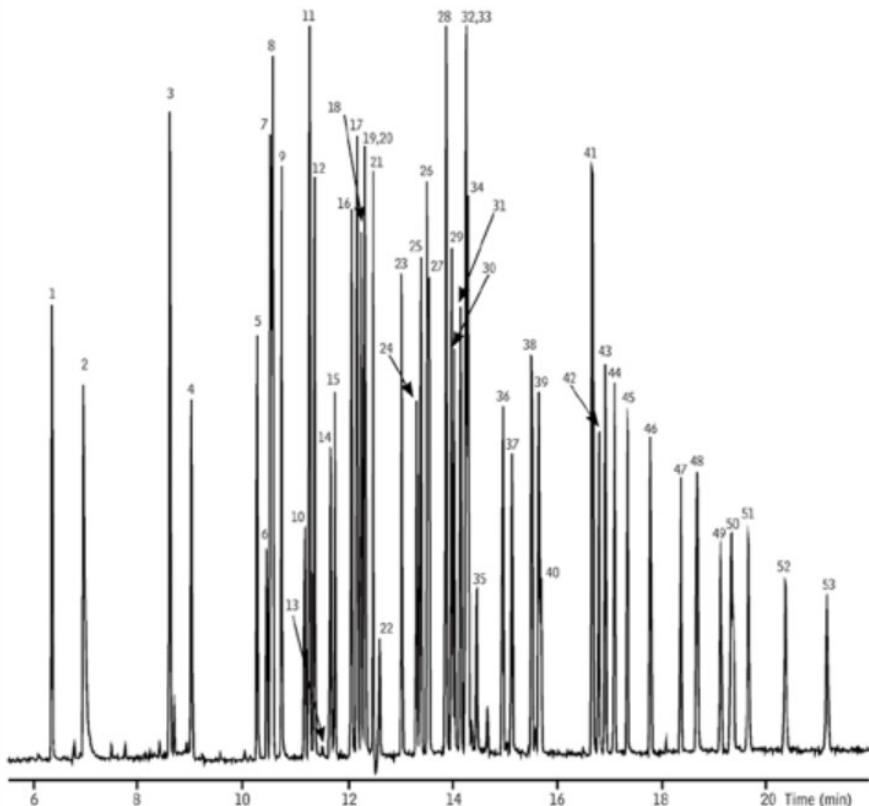
**CoreFocus**  
**Report**  
**No.415**

GC      FPD      SH Series

**SH-OPP2**

**Analysis of Organophosphorus Pesticides  
(U.S. EPA Method 8141A)**

**Keywords:** environmental, food analysis



1. Dichlorvos	19. Dioxathion	37. Crotoxyphos
2. Hexamethylphosphoramide	20. Fonophos	38. Stirofos
3. Mevinphos	21. Disulfoton	39. Prothiofos
4. Trichlorfon	22. Phosphamidon isomer (breakdown product)	40. Merphos oxone (breakdown product)
5. TEPP	23. Dichlorofenthion	41. Ethion
6. Demeton-O	24. Phosphamidon	42. Fensulfothion
7. Tributyl phosphate (SS)	25. Chlorpyrifos methyl	43. Sulprofos
8. Thionazin	26. Methyl parathion	44. Carbophenothion
9. Ethoprop	27. Ronnel	45. Famphur
10. Naled	28. Aspon	46. Triphenyl phosphate (SS)
11. Sulfotep	29. Fenitrothion	47. EPN
12. Phorate	30. Malathion	48. Phosmet
13. Dicrotophos	31. Chlorpyrifos	49. Leptophos
14. Monocrotophos	32. Trichloronate	50. Tri-o-cresyl phosphate
15. Demeton-S	33. Parathion-ethyl	51. Azinphos-methyl
16. Terbufos	34. Fenthion	52. Azinphos-ethyl
17. Dimethoate	35. Merphos	53. Coumaphos
18. Diazinon	36. Chlofenvinphos	

Instrument	: GC
Column	: SH-OPP2 (30 m x 0.32 mmI.D. df = 0.32 $\mu$ m), P/N: 221-75887-30
Column Temp.	: 80 °C (0.5 min) - 12 °C/min - 280 °C (10 min)
Carrier Gas	: He
Dead Time	: 1.03 min at 80 °C
Notes	: Constant pressure
Inj. Vol	: 1 $\mu$ L splitless (hold 1 min)
Inj. Temp.	: 200 °C
Detector	: FPD, 250 °C

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