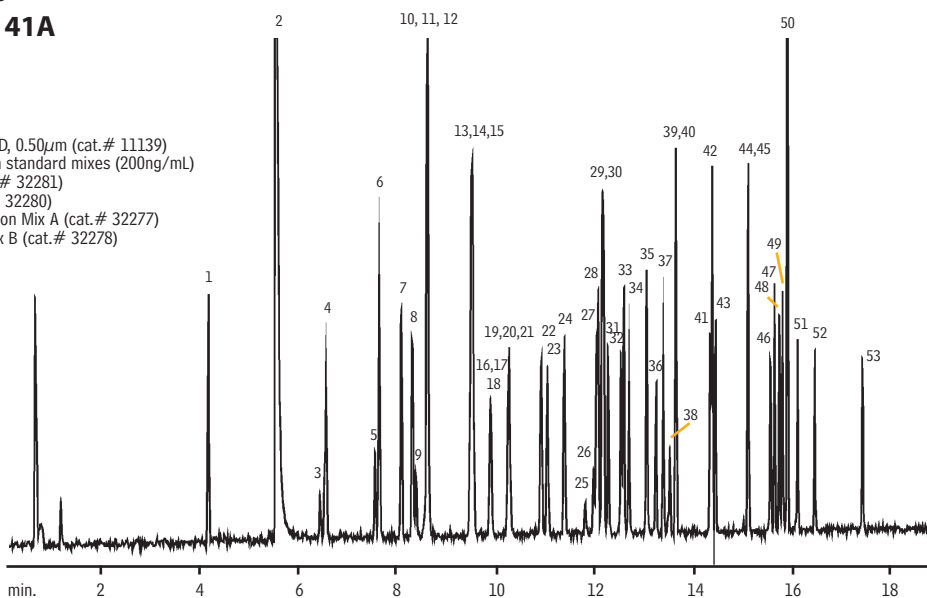


Organophosphorus Pesticides
US EPA Method 8140/8141/8141A
Rtx®-CLPesticides

Column: Rtx®-CLPesticides, 30m, 0.32mm ID, 0.50µm (cat.# 11139)
Sample: 1µL US EPA Method 8141A custom standard mixes (200ng/mL)
Triphenylphosphate Standard (cat.# 32281)
Tributylphosphate Standard (cat.# 32280)
8140/8141 OP Pesticides Calibration Mix A (cat.# 32277)
8141 OP Pesticides Calibration Mix B (cat.# 32278)

Splitless hold time: 1 min.
Oven temp.: 100°C to 180°C @ 10°C/min.
(hold 2 min.), to 300°C @
18°C/min. (hold 3 min.)
Inj./det. temp.: 250°C/280°C FPD



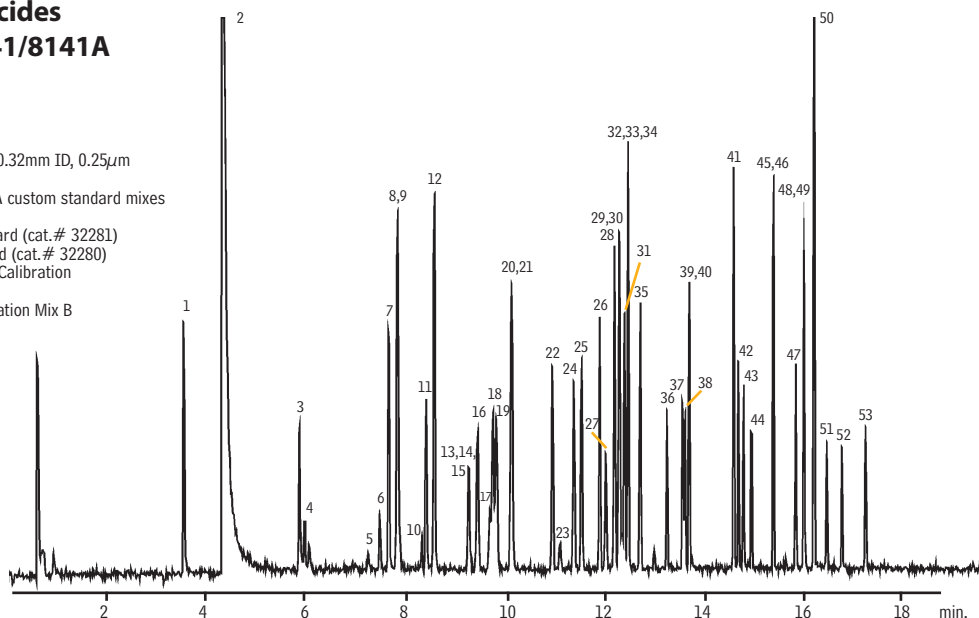
GC_EV00413

- | | | | | |
|-----------------------------|----------------------|-------------------------|---------------------|-------------------------------------|
| 1. dichlorvos | 12. sulfotepp | 23. chlorpyrifos methyl | 34. phosphamidon | 45. triphenyl phosphate (SS) |
| 2. hexamethylphosphoramide | 13. demeton-S | 24. ronnel | 35. parathion-ethyl | 46. leptophos |
| 3. trichlorfon | 14. terbufos | 25. phosphamidon isomer | 36. chlorfenvinphos | 47. ethion |
| 4. mevinphos | 15. fonophos | 26. merphos | 37. tokuthion | 48. phosmet |
| 5. demeton-O | 16. dicrotophos | 27. chlorpyrifos | 38. merphos oxone | 49. EPN |
| 6. thionazin | 17. diazinon | 28. fenthion | 39. crotoxyphos | 50. tri- <i>o</i> -cresyl phosphate |
| 7. ethoprop | 18. disulfoton | 29. aspon | 40. stirofos | 51. azinphos-methyl |
| 8. phorate | 19. dioxathion | 30. parathion-methyl | 41. bolstar | 52. azinphos-ethyl |
| 9. naled | 20. monocrotophos | 31. trichloronate | 42. famphur | 53. coumaphos |
| 10. tributyl phosphate (SS) | 21. dimethoate | 32. malathion | 43. carbophenothion | |
| 11. TEPP | 22. dichlorofenthion | 33. fenitrothion | 44. fensulfothion | |

Organophosphorus Pesticides
US EPA Method 8140/8141/8141A
Rtx®-CLPesticides2

Column: Rtx®-CLPesticides2, 30m, 0.32mm ID, 0.25µm (cat.# 11324)
Sample: 1µL US EPA Method 8141A custom standard mixes (200ng/mL)
Triphenylphosphate Standard (cat.# 32281)
Tributylphosphate Standard (cat.# 32280)
8140/8141 OP Pesticides Calibration Mix A (cat.# 32277)
8141 OP Pesticides Calibration Mix B (cat.# 32278)

Splitless hold time: 1 min.
Oven temp.: 100°C to 180°C @
10°C/min. (hold 2 min.),
to 300°C @ 18°C/min.
(hold 3 min.)
Inj./det. temp.: 250°C/280°C FPD



GC_EV00414

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|----------------------------|----------------------|-------------------------|---------------------|-------------------------------------|
| 1. dichlorvos | 12. sulfotepp | 23. phosphamidon isomer | 34. malathion | 45. triphenyl phosphate (SS) |
| 2. hexamethylphosphoramide | 13. demeton-S | 24. chlorpyrifos methyl | 35. parathion-ethyl | 46. ethion |
| 3. mevinphos | 14. dicrotophos | 25. ronnel | 36. chlorfenvinphos | 47. EPN |
| 4. trichlorfon | 15. dioxathion | 26. parathion-methyl | 37. crotoxyphos | 48. phosmet |
| 5. demeton-O | 16. terbufos | 27. phosphamidon | 38. tokuthion | 49. leptophos |
| 6. thionazin | 17. monocrotophos | 28. aspon | 39. merphos oxone | 50. tri- <i>o</i> -cresyl phosphate |
| 7. tributyl phosphate (SS) | 18. fonophos | 29. chlorpyrifos | 40. stirofos | 51. azinphos-methyl |
| 8. ethoprop | 19. diazinon | 30. trichloronate | 41. famphur | 52. azinphos-ethyl |
| 9. TEPP | 20. disulfoton | 31. merphos | 42. bolstar | 53. coumaphos |
| 10. naled | 21. dimethoate | 32. fenitrothion | 43. carbophenothion | |
| 11. phorate | 22. dichlorofenthion | 33. fenthion | 44. fensulfothion | |