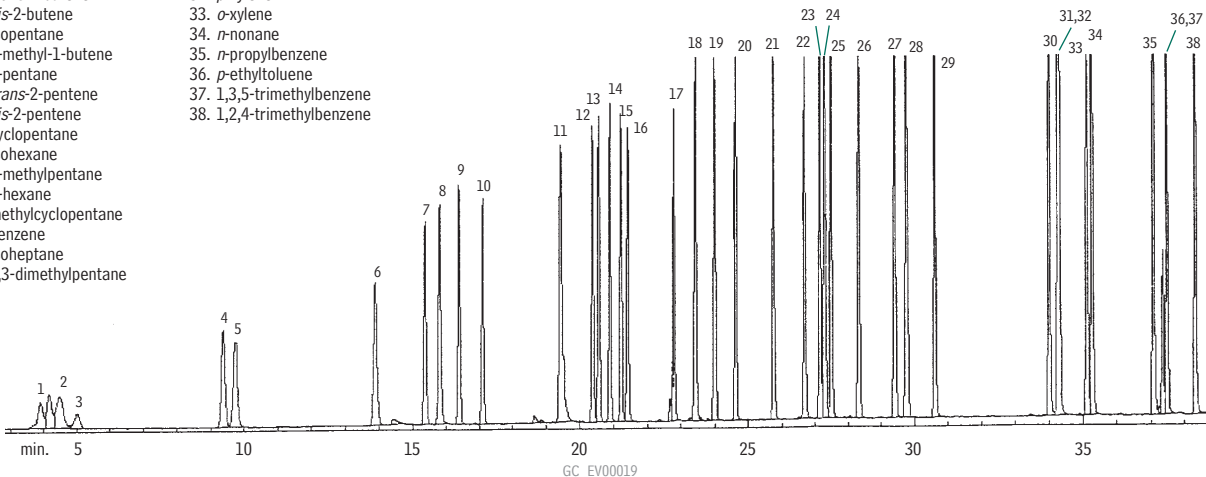


# Ozone Precursors Rtx®-1

60m, 0.32mm ID, 3.0 $\mu$ m Rtx®-1 (cat.# 10187)  
0.5L of C2-C9 gas standard cryogenically concentrated;  
15nL/component desorbed onto column.

- |                             |                             |
|-----------------------------|-----------------------------|
| 1. ethylene                 | 24. 3-methylhexane          |
| 2. acetylene                | 25. 2,2,4-trimethylpentane  |
| 3. ethane                   | 26. <i>n</i> -heptane       |
| 4. propylene                | 27. methylcyclohexane       |
| 5. propane                  | 28. 2,2,3-trimethylpentane  |
| 6. isobutane                | 29. toluene                 |
| 7. 1-butene                 | 30. ethylbenzene            |
| 8. <i>n</i> -butane         | 31. <i>m</i> -xylene        |
| 9. <i>trans</i> -2-butene   | 32. <i>p</i> -xylene        |
| 10. <i>cis</i> -2-butene    | 33. <i>o</i> -xylene        |
| 11. isopentane              | 34. <i>n</i> -nonane        |
| 12. 2-methyl-1-butene       | 35. <i>n</i> -propylbenzene |
| 13. <i>n</i> -pentane       | 36. <i>p</i> -ethyltoluene  |
| 14. <i>trans</i> -2-pentene | 37. 1,3,5-trimethylbenzene  |
| 15. <i>cis</i> -2-pentene   | 38. 1,2,4-trimethylbenzene  |
| 16. cyclopentane            |                             |
| 17. isohexane               |                             |
| 18. 3-methylpentane         |                             |
| 19. <i>n</i> -hexane        |                             |
| 20. methylcyclopentane      |                             |
| 21. benzene                 |                             |
| 22. isoheptane              |                             |
| 23. 2,3-dimethylpentane     |                             |

Oven temp.: -60°C (hold 5 min.) to 100°C @ 8°C/min., to  
150°C @ 6°C/min., then to 240°C @ 8°C/min.  
Carrier gas: helium  
Linear velocity: 30cm/sec. (flow rate: 1.8cc/min.)  
FID sensitivity: 64 x 10<sup>12</sup> AFS



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