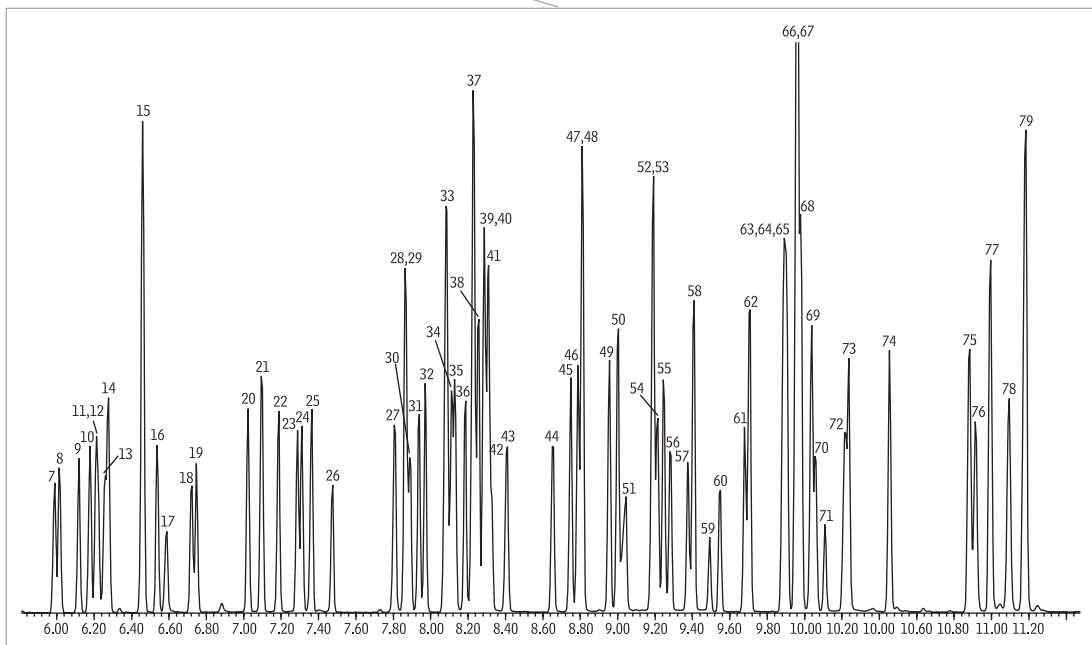
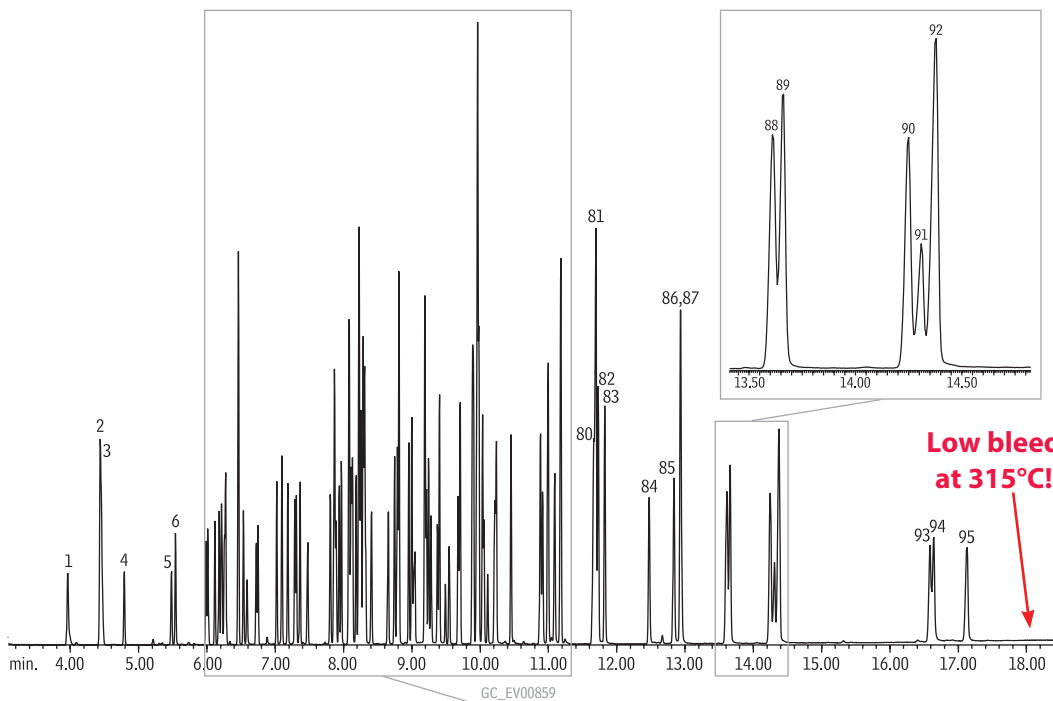


# Semivolatiles by EPA Method 525.2 on Rxi®-5ms

- Peaks**
1. Isophorone
  2. 2-Nitro-*m*-xylene (SS)
  3. Naphthalene
  4. Dichlorvos (DDVP)
  5. Hexachlorocyclopentadiene
  6. EPTC
  7. Mevinphos
  8. Butylate
  9. Vernolate
  10. Dimethyl phthalate
  11. Pebulate
  12. Etridiazole
  13. 2,6-Dinitrotoluene
  14. Acenaphthylene
  15. Acenaphthene-d10 (IS)
  16. Chloroneb
  17. Tebuthiuron
  18. 2,4-Dinitrotoluene
  19. Molinate
  20. Diethyl Phthalate
  21. Fluorene
  22. Propachlor
  23. Ethoprop (ethoprophos)
  24. Cycloate
  25. Chlorpropham
  26. Trifluralin
  27. Atraton
  28. Hexachlorobenzene
  29. Prometon
  30. Simazine
  31. Atrazine
  32. Propazine
  33. Pentachlorophenol
  34. Terbufos
  35. Propyzamide
  36. Diazinon
  37. Phenanthrene-d10 (IS)
  38. Phenanthrene
  39. Disulfoton
  40. Methylparaoxon
  41. Anthracene
  42. Terbacil
  43. Chlorothalonil
  44. Metribuzin
  45. Simetryn
  46. Ametryn
  47. Alachlor
  48. Prometryn
  49. Terbutryn
  50. di-*n*-Butyl phthalate
  51. Bromacil
  52. Cyanazine (Bladex)
  53. Metolachlor
  54. Chlorpyrifos
  55. Triadimefon
  56. DCPA methyl ester (Chlorthal-dimethyl)
  57. MGK-264 (isomer A)
  58. Diphenamid
  59. MGK-264 (isomer B)
  60. Merphos
  61. Heptachlor epoxide
  62. Fluoranthene
  63. Stirofos
  64. Disulfoton sulfone
  65. Butachlor
  66. Pyrene-d10 (SS)
  67. Fenamiphos
  68. Pyrene
  69. Napropamide (Devrinol®)
  70. *trans*-Nonachlor
  71. merphos oxide
  72. Tricyclazole (Beam)
  73. Carboxin
  74. Chlorobenzilate
  75. Benzyl butyl phthalate
  76. Norflurazon
  77. Bis(2-ethylhexyl) adipate
  78. Hexazinone (Velpar®)
  79. Triphenylphosphate (SS)
  80. Benz[a]anthracene
  81. Chrysene-d12 (IS)
  82. Chrysene
  83. Bis(2-ethylhexyl) phthalate
  84. Fenarimol
  85. *cis*-Permethrin
  86. *trans*-Permethrin
  87. Di-*n*-octyl phthalate
  88. Benzo[b]fluoranthene
  89. Benzo[k]fluoranthene
  90. Benzo[a]pyrene
  91. Fluridone (Sonar®)
  92. Perylene-d12 (SS)
  93. Indeno[1,2,3-*cd*]pyrene
  94. Dibenzo[a,h]anthracene
  95. Benzo[ghi]perylene



**Column** Rxi®-5ms, 30 m, 0.25 mm ID, 0.25 µm (cat.# 13423)  
**Sample** Method 525.2 Semivolatile Mix (revised) (cat.# 31899)  
 Organonitrogen Pesticide Mix #1 (Rev), Method 525.2 (cat.# 33012)  
 Organochlorine Pesticide Mix #2 (Rev), Method 525.2 (cat.# 33011)  
 Organophosphorus Pesticide Mix #1 (Rev), Method 525.2 (cat.# 33013)  
 Method 525.2 Nitrogen/Phosphorus Pesticide Mix #2 (cat.# 32423)  
 Method 525.2 Internal Standard Mix (cat.# 31825)  
 Method 525.2 Surrogate Standard Mix (cat.# 31826)  
 25 µg/mL for each IS and SS, 10 µg/mL each analyte

**Oven**  
 Oven Temp: 90 °C (hold 1 min.) to 270 °C at 20 °C/min. to 315 °C at 6 °C/min.  
 Carrier Gas: He, constant flow  
 Flow Rate: 1.2 mL/min.  
**Detector**  
 Mode: MS  
 Scan: Scan  
 Transfer Line  
 Temp.: 280 °C  
 Analyzer Type: Quadrupole  
 Solvent Delay  
 Time: 3.00 min.  
 Tune Type: DF1PP  
 Ionization Mode: EI  
 Scan Range: 35-550 amu  
**Instrument**  
 HP6890 GC & 5973 MSD  
**Notes**  
 Gas saver is on at 15 mL/min. (1 minute).

**Conc.:**  
**Injection**  
 Inj. Vol.: 1.0 µL pulsed splitless (hold 0.15 min.)  
 Liner: Drilled Uniliner (hole near bottom) (cat.# 20771)  
 Inj. Temp.: 250 °C  
 Pulse Pressure: 50 psi (344.7 kPa)  
 Pulse Time: 0.3 min.  
 Purge Flow: 80 mL/min.