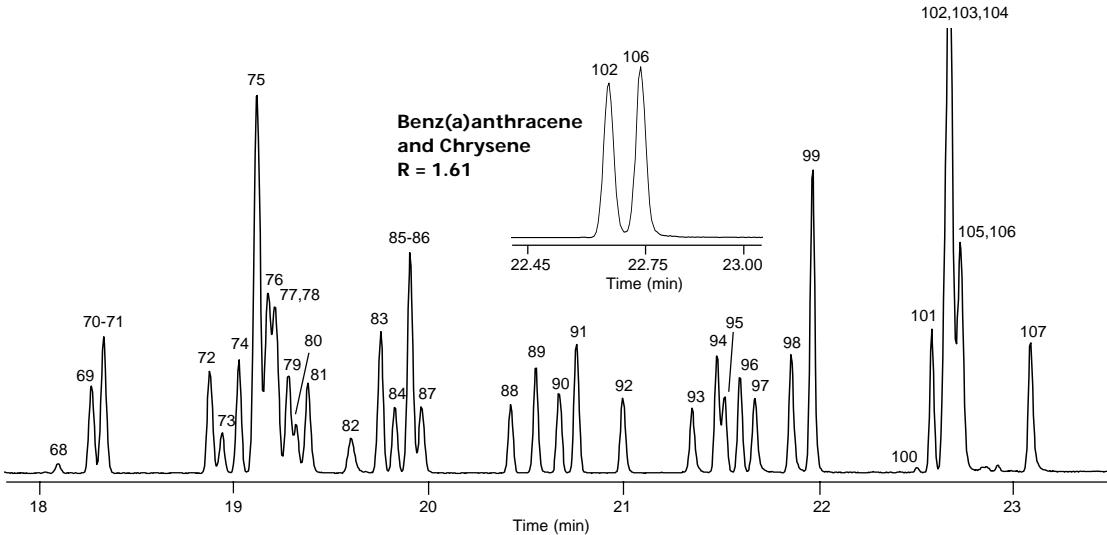
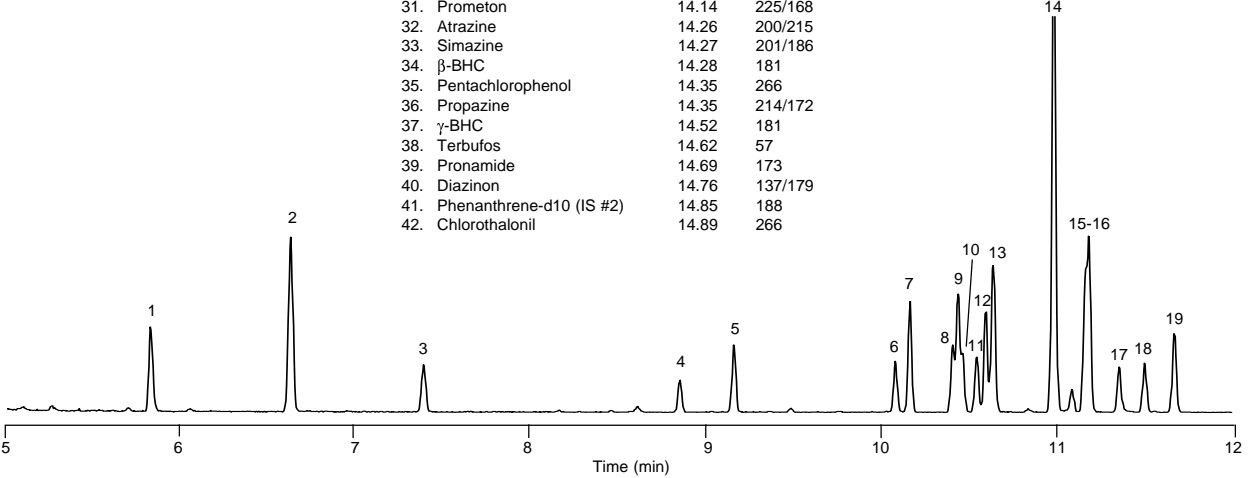


**EPA Method 525.2**

**Column:** DB-5ms  
 30 m x 0.25 mm I.D. x 0.25 µm  
**J&W P/N:** 122-5532  
**Carrier:** Helium at 32 cm/sec  
 (measured at 45°C)  
 constant flow mode  
**Oven:** 45°C for 1 min  
 45-130°C at 30°/min  
 130-180°C hold for 3 min  
 130-180°C at 12°/min  
 180-240°C at 7°/min  
 240-325°C at 12°/min  
 325°C hold for 5 min  
**Injector:** splitless, 1 µL, 300°C,  
 1.0 min purge activation time,  
 FocusLiner  
**Detector:** MSD, 325°C transfer line,  
 full scan m/z 45-450  
**Sample:** composite mixture of Accustandard  
 Method 525.2 standards  
 (M-525.2-SV-ASL, M-525.2-FS-ASL,  
 M-525.2-CP-ASL, M-525.2-NP1-ASL,  
 M-525.2-NP2-ASL);  
 target compounds at 2 ng/µL,  
 IS/SS at 5 ng/µL

Peak I.D.	RT	m/z	Peak I.D.	RT	m/z
1. Isophorone	5.85	82	43. Phenanthrene	14.92	178
2. 1,3-Dimethyl-2-nitrobenzene (SS)	6.65	134	44. Terbacil	15.02	161
3. Dichlorvos	7.41	109	45. Methyl paraoxon	15.04	109
4. Hexachlorocyclopentadiene	8.87	237	46. Disulfoton	15.05	88
5. EPTC	9.17	128	47. Anthracene	15.06	178
6. Mevinphos	10.09	127	48. δ-BHC	15.20	181
7. Butylate	10.18	57/146	49. 2,4,5-Trichlorobiphenyl	15.59	256
8. Vernolate	10.42	128	50. Metribuzin	15.95	198
9. Dimethyl phthalate	10.45	163	51. Alachlor	16.14	160
10. Terrazole (aka Etridazole)	10.47	211/183	52. Simetryn	16.23	213
11. 2,6-Dinitrotoluene	10.56	165	53. Ametryn	16.33	227/170
12. Tillam (aka Pebulate)	10.61	128	54. Heptachlor	16.36	100
13. Acenaphthylene	10.65	152	55. Prometryne	16.40	241/184
14. Acenaphthene-d10 (IS #1)	11.00	164	56. Prebane (aka Terbutryne)	16.72	226/185
15. Chloroneb	11.17	191	57. Bromacil	16.79	205
16. 2-Chlorobiphenyl	11.19	188	58. Di-n-butyl phthalate	16.90	149
17. Tebutiuron	11.37	156	59. 2,2',4,4'-Tetrachlorobiphenyl	17.02	292
18. 2,4-Dinitrotoluene	11.51	165	60. Metolachlor	17.11	162
19. Molinate	11.68	126	61. Dursban (aka Chlorpyrifos)	17.15	197/97
20. Diethyl phthalate	12.21	149	62. Cyanazine	17.23	225/68
21. Fluorene	12.35	166	63. Dacthal (aka DCPA methyl ester)	17.27	301
22. Propachlor	12.46	120	64. Aldrin	17.29	66
23. Ethoprop	12.82	158	65. Triadimefon	17.43	57
24. Cycloate	12.86	83/154	66. Diphenamid	17.73	72/167
25. Chlorpropham	13.08	127	67. MGK-264 (isomer A)	17.78	164/66
26. Trifluralin	13.14	306	68. MGK-264 (isomer B)	18.11	164
27. α-BHC	13.69	181	69. Heptachlor epoxide	18.28	81
28. 2,3-Dichlorobiphenyl	13.74	222/152	70. 2,2',3',4,6-Pentachlorobiphenyl	18.34	326
29. Hexachlorobenzene	13.77	284	71. Merphos	18.36	209/153
30. Gesatamine (aka Atraton)	13.99	196/169			
31. Prometon	14.14	225/168			
32. Atrazine	14.26	200/215			
33. Simazine	14.27	201/186			
34. β-BHC	14.28	181			
35. Pentachlorophenol	14.35	266			
36. Propazine	14.35	214/172			
37. γ-BHC	14.52	181			
38. Terbufos	14.62	57			
39. Pronamide	14.69	173			
40. Diazinon	14.76	137/179			
41. Phenanthrene-d10 (IS #2)	14.85	188			
42. Chlorothalonil	14.89	266			



Peak I.D.	RT	m/z
72. $\gamma$ -Chlordane	18.88	373
73. Tetrachlorvinphos (aka Stirifos)	18.95	109
74. Butachlor	19.03	176/160
75. Pyrene-d10 (SS)	19.13	212
76. Pyrene	19.18	202
77. $\alpha$ -Chlordane	19.21	375/373
78. Endosulfan I	19.22	195
79. <i>trans</i> -Nonachlor	19.28	409
80. Fenamiphos	19.33	303/154
81. Napropamide	19.39	72
82. Tricyclazole	19.61	189
83. p,p'-DDE	19.76	246
84. DEF	19.84	57/169
85. 2,2',4,4',5,6'-Hexa-chlorobiphenyl	19.90	360
86. Dieldrin	19.92	79
87. Carboxin	19.97	143
88. Endrin	20.43	67/81
89. Chlorobenzilate	20.56	139
90. Endosulfan II	20.68	195
91. p,p'-DDD	20.77	235/165
92. Endrin aldehyde	21.01	67
93. Norflurazon	21.36	145

Peak I.D.	RT	m/z
94. Benzyl butyl phthalate	21.49	149
95. Endosulfan sulfate	21.53	272
96. p,p'-DDT	21.61	235/165
97. Hexazinone	21.68	171
98. <i>bis</i> (2-Ethylhexyl) adipate	21.87	129
99. Triphenylphosphate (SS)	21.98	326/325
100. Endrin ketone (breakdown product)	22.52	67/317
101. 2,2',3,3',4,4',6-Hepta-chlorobiphenyl	22.59	394/396
102. Benz[a]anthracene	22.66	228
103. Chrysene-d12 (IS #3)	22.68	240
104. 2,2',3,3',4,5',6,6'-Octa-chlorobiphenyl	22.70	430/428
105. Methoxychlor	22.73	227
106. Chrysene	22.74	228
107. <i>bis</i> (2-Ethylhexyl) phthalate	23.10	149
108. Fenarimol	23.80	139
109. <i>cis</i> -Permethrin	24.38	183
110. <i>trans</i> -Permethrin	24.50	183
111. Benzo[b]fluoranthene	25.06	252
112. Benzo[k]fluoranthene	25.12	252
113. Fluridone	25.66	328
114. Benzo[a]pyrene	25.67	252
115. Perylene-d12 (SS)	25.78	264
116. Ideno[1,2,3-cd]pyrene	27.63	276
117. Dibenzo[a,h]anthracene	27.69	278
118. Benzo[g,h,i]perylene	28.11	276

