

| Pesticides | | MW | Formula | tR (min) | Target ion (m/z) | Q1 (m/z) | Q2 (m/z) | Q3 (m/z) |
|---------------|-----------------------------|--------|--|--------------|---------------------|-------------|-------------|-------------|
| 1 | 1,2-dibromo-3-chloropropane | 236.33 | C3H5Br2Cl | 5.72 | 157 | 155 | 75 | 159 |
| 2 | hexachloropentadiene | 272.77 | C5Cl6 | 9.93 | 237 | 239 | 235 | 272 |
| 3 | diallate | 270.22 | C10H17Cl2NOS | 17.83 | 86 | 128 | 234 | 236 |
| 4 | Alpha-BHC | 290.83 | C6H6Cl6 | 17.87 | 181 | 183 | 219 | 217 |
| 5 | hexachlorobenzene | 284.80 | C6Cl6 | 17.93 | 284 | 286 | 282 | 288 |
| 6 | Gamma-BHC | 290.83 | C6H6Cl6 | 18.12 | 181 | 183 | 219 | 217 |
| 7 | Beta-BHC | 290.83 | C6H6Cl6 | 18.90 | 219 | 181 | 217 | 183 |
| 8 | chlordene | 338.87 | C10H6Cl6 | 19.22 | 303 | 230 | 301 | 338 |
| 9 | Delta-BHC | 290.83 | C6H6Cl6 | 20.05 | 219 | 181 | 217 | 183 |
| 10 | heptachlor | 373.32 | C10H5Cl7 | 20.41 | 272 | 274 | 100 | 237 |
| 11 | aldrin | 364.91 | C12H8Cl6 | 22.10 | 263 | 293 | 265 | 298 |
| 12 | isodrin | 364.91 | C12H8Cl6 | 23.46 | 193 | 195 | 263 | 364 |
| 13 | Heptachlor epoxide-isomer B | 389.32 | C10H5Cl7O | 24.56 | 353 | 357 | 355 | 351 |
| 14 | Gamma-chlordane | 409.78 | C10H6Cl8 | 24.99 | 373 | 375 | 377 | 371 |
| 15 | Endosulfan I | 406.93 | C9H6Cl6O3S | 25.89 | 241 | 195 | 265 | 339 |
| 16 | Alpha-chlordane | 409.78 | C10H6Cl8 | 26.37 | 373 | 375 | 377 | 371 |
| 17 | trans-nonachlor | 444.22 | C10H5Cl9 | 26.49 | 409 | 407 | 411 | 405 |
| 18 | dieldrin | 380.91 | C12H8Cl6O | 27.34 | 263 | 380 | 277 | 79 |
| 19 | 4,4'-DDE | 318.03 | C14H8Cl4 | 27.49 | 246 | 248 | 316 | 318 |
| 20 | endrin | 380.91 | C12H8Cl6O | 28.13 | 263 | 245 | 345 | 317 |
| 21 | Endosulfan II | 406.93 | C9H6Cl6O3S | 28.59 | 246 | 318 | 210 | 176 |
| 22 | chlorobenzilate | 325.19 | C16H14Cl2O3 | 28.74 | 251 | 111 | 139 | 253 |
| 23 | Cis-nonachlor | 444.22 | C10H5Cl9 | 28.87 | 409 | 407 | 411 | 405 |
| 24 | 4,4'-DDD | 320.04 | C14H10Cl4 | 29.10 | 235 | 165 | 199 | 257 |
| 25 | Endrin aldehyde | 380.91 | C12H8Cl6O | 29.98 | 345 | 347 | 343 | 250 |
| 26 | Endosulfan sulfate | 422.92 | C9H6Cl6O4S | 30.25 | 272 | 274 | 387 | 229 |
| 27 | 4,4'-DDT | 354.49 | C14H9Cl5 | 30.82 | 235 | 237 | 199 | 165 |
| 28 | Endrin keton | 346.46 | C12H9Cl5O | 31.63 | 317 | 345 | 315 | 319 |
| 29 | Methoxychlor | 345.65 | C16H15Cl3O2 | 32.36 | 227 | 274 | 238 | 228 |
| | | | | | | | | |
| PCB congeners | | MW | Formula | tR (min) | Target ion (m/z) | Q1 (m/z) | Q2 (m/z) | Q3 (m/z) |
| 1 | 1 | 188.65 | C ₁₂ H ₉ Cl | 10.85 | 188 | 190 | 152 | 153 |
| 2 | 5 | 233.10 | C ₁₂ H ₈ Cl ₂ | 13.25 | 222 | 224 | 152 | 151 |
| 3 | 18 | 257.54 | C ₁₂ H ₇ Cl ₃ | 14.24 | 256 | 258 | 186 | 260 |
| 4 | 29 | 257.54 | C ₁₂ H ₇ Cl ₃ | 15.30 | 292 | 290 | 220 | 222 |
| 5 | 31,50,77 | 257.54 | C ₁₂ H ₇ Cl ₃ | 15.39 | 256 | 258 | 186 | 260 |
| 6 | 52 | 291.99 | C ₁₂ H ₆ Cl ₄ | 16.24 | 292 | 290 | 220 | 222 |
| 7 | 104 | 326.43 | C ₁₂ H ₅ Cl ₅ | 16.58 | 326 | 324 | 328 | 254 |
| 8 | 44 | 291.99 | C ₁₂ H ₆ Cl ₄ | 16.71 | 292 | 290 | 220 | 222 |
| 9 | 66 | 291.99 | C ₁₂ H ₆ Cl ₄ | 17.79 | 292 | 290 | 220 | 222 |
| 10 | 101 | 326.43 | C ₁₂ H ₅ Cl ₅ | 18.38 | 326 | 324 | 328 | 254 |
| 11 | 87 | 326.43 | C ₁₂ H ₅ Cl ₅ | 19.03 | 326 | 324 | 328 | 254 |
| 12 | 110,154 | 326.43 | C ₁₂ H ₅ Cl ₅ | 19.26 | 326 | 360 | 328 | 254 |
| 13 | 151 | 360.88 | C ₁₂ H ₄ Cl ₆ | 19.53 | 360 | 324 | 290 | 362 |

| | | | | | | | | |
|----|-----|--------|--|--------------|-----|-----|-----|-----|
| 14 | 188 | 395.32 | C ₁₂ H ₃ Cl ₇ | 20.24 | 394 | 324 | 396 | 398 |
| 15 | 153 | 360.88 | C ₁₂ H ₄ Cl ₆ | 20.48 | 360 | 358 | 290 | 362 |
| 16 | 141 | 360.88 | C ₁₂ H ₄ Cl ₆ | 20.79 | 360 | 288 | 290 | 362 |
| 17 | 138 | 360.88 | C ₁₂ H ₄ Cl ₆ | 21.14 | 360 | 288 | 290 | 362 |
| 18 | 187 | 395.32 | C ₁₂ H ₃ Cl ₇ | 21.51 | 364 | 396 | 324 | 359 |
| 19 | 183 | 395.32 | C ₁₂ H ₃ Cl ₇ | 21.65 | 364 | 396 | 324 | 359 |
| 20 | 201 | 429.77 | C ₁₂ H ₂ Cl ₈ | 22.49 | 430 | 428 | 432 | 358 |
| 21 | 180 | 395.32 | C ₁₂ H ₃ Cl ₇ | 22.82 | 394 | 324 | 396 | 398 |
| 22 | 170 | 395.32 | C ₁₂ H ₃ Cl ₇ | 23.51 | 394 | 324 | 396 | 398 |
| 23 | 208 | 464.21 | C ₁₂ HCl ₉ | 24.50 | 464 | 392 | 462 | 466 |
| 24 | 206 | 464.21 | C ₁₂ HCl ₉ | 25.80 | 464 | 392 | 462 | 466 |

| | | MW | Formula | tR (min) | Target ion (m/z) | Q1 (m/z) | Q2 (m/z) | Q3 (m/z) |
|---|------------------|--------|--|--------------|---------------------|-------------|-------------|-------------|
| 1 | Bisphenol-A | 228.29 | C ₁₅ H ₁₆ O ₂ | 19.80 | 357 | 358 | 359 | 372 |
| 2 | Estrone | 270.37 | C ₁₈ H ₂₂ O ₂ | 24.01 | 342 | 343 | 257 | 218 |
| 3 | 17beta-Estradiol | 272.38 | C ₁₈ H ₂₄ O ₂ | 24.43 | 416 | 417 | 285 | 232 |
| 4 | 17-Alpha | 296.40 | C ₂₀ H ₂₄ O ₂ | 25.71 | 425 | 440 | 426 | 285 |