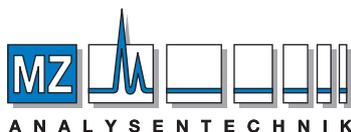


InertSearch™ for GC

InertCap® Applications

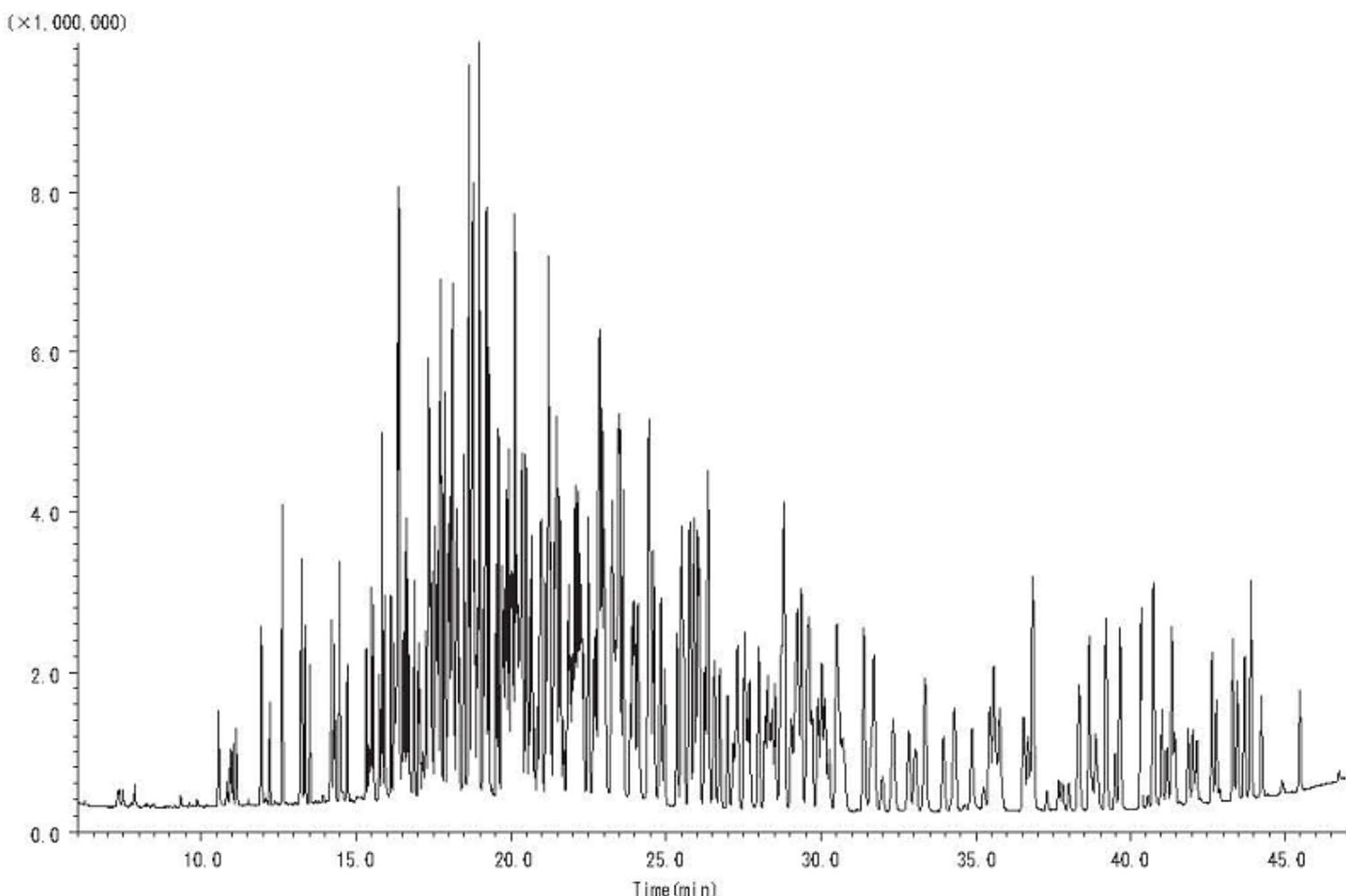
Pesticides

Data No. GA226-0904



AUTHORIZED DISTRIBUTOR

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Conditions

System : GC-MS
Column : InertCap Pesticides
0.25 mm I.D. x 30 m
Col. Temp. : 50 °C (3 min hold) - 10 °C/min - 200 °C - 3 °C/min -
230 °C (5 min hold) - 5 °C/min - 300 °C (3 min hold)
Carrier Gas : He 100 kPa
Injection : Splitless
230 °C
Detection : MS Scan ($m/z = 50 - 500$)
Sample Size : 1 µL

Pesticides

Data No. GA226-0904

| No. | Compound name | RT | No. | Compound name | RT | No. | Compound name | RT |
|-----|--------------------------|-------|-----|--|-------|-----|----------------------------|-------|
| 1 | DCIP | 7:20 | 55 | Cyanophos | 17:37 | 109 | Quinoclamine | 19:55 |
| 2 | Clofentezine | 9:20 | 56 | Fonofos | 17:39 | 110 | Metolachlor | 19:55 |
| 3 | Dichlorvos | 10:34 | 57 | Propyzamide | 17:43 | 111 | Chlorpyrifos | 20:00 |
| 4 | Nereistoxin oxalate | 10:57 | 58 | Pyroquilon | 17:43 | 112 | Thiobencarb | 20:02 |
| 5 | Allidochlor | 11:09 | 59 | Diazinon | 17:45 | 113 | Chlorothal dimethyl | 20:07 |
| 6 | Dichlobenil | 11:57 | 60 | Phosphamidon E | 17:47 | 114 | Fenthion | 20:08 |
| 7 | EPTC | 12:14 | 61 | Pyrimethanil | 17:51 | 115 | Diethofencarb | 20:08 |
| 8 | Biphenyl | 12:37 | 62 | Chlorothalonil | 17:52 | 116 | Fenpropimorph | 20:11 |
| 9 | Butylate | 13:14 | 63 | Disulfoton | 17:57 | 117 | Parathion | 20:14 |
| 10 | Mevinphos | 13:15 | 64 | Prohydrojasmon | 17:59 | 118 | Cyanazin | 20:16 |
| 11 | Chlormephos | 13:22 | 65 | Isazophos | 18:01 | 119 | Triadimefon | 20:19 |
| 12 | Etridiazole | 13:31 | 66 | Tefluthrin | 18:04 | 120 | Tetraconazole | 20:21 |
| 13 | Thiocyclam | 14:10 | 67 | Etrimfos | 18:07 | 121 | Isocarbophos | 20:22 |
| 14 | Methacrifos | 14:13 | 68 | Triallate | 18:07 | 122 | Fthalide | 20:29 |
| 15 | Crimidine | 14:19 | 69 | δ-HCH | 18:07 | 123 | Nitrothal isopropyl | 20:29 |
| 16 | OPP | 14:29 | 70 | Terbacil | 18:08 | 124 | Carbetamide | 20:31 |
| 17 | Molinate | 14:44 | 71 | Phenothiol | 18:10 | 125 | Bromophos metyl | 20:36 |
| 18 | Tecnazene | 15:20 | 72 | Tebupirimfos | 18:15 | 126 | Diphenamid | 20:40 |
| 19 | Omethoate | 15:25 | 73 | Iprobenfos | 18:18 | 127 | Fosthiazate-1 | 20:41 |
| 20 | Etobenzanid metabolite | 15:30 | 74 | Oxabetrinil | 18:20 | 128 | Fosthiazate-2 | 20:46 |
| 21 | Xylylcarb | 15:30 | 75 | MCPB | 18:29 | 129 | Thiamethoxam | 20:52 |
| 22 | Propachlor | 15:34 | 76 | MCPB ethyl | 18:29 | 130 | Pendimethalin | 20:56 |
| 23 | Demeton-S methyl | 15:46 | 77 | Phosphamidon Z | 18:38 | 131 | Chlorfenvinphos (E type) | 20:58 |
| 24 | Diphenylamine | 15:50 | 78 | Dichlofenthion | 18:39 | 132 | Cyprodinil | 21:00 |
| 25 | Ethoprophos | 15:55 | 79 | Dimethenamid | 18:39 | 133 | Penconazole | 21:08 |
| 26 | Ethalfuralin | 16:08 | 80 | Benfuresate | 18:39 | 134 | Fipronil | 21:12 |
| 27 | Naled | 16:09 | 81 | Terbucarb | 18:44 | 135 | Dimethametryn | 21:12 |
| 28 | Chlorpropham | 16:14 | 82 | Bromobutide | 18:46 | 136 | Isofenphos | 21:13 |
| 29 | Phenmedipham | 16:17 | 83 | Acetochlor | 18:46 | 137 | Tolyfluanid | 21:13 |
| 30 | Dichlofluanid metabolite | 16:17 | 84 | Chlorpyrifos methyl | 18:47 | 138 | Pyrifenox-1 | 21:15 |
| 31 | Trifluralin | 16:20 | 85 | Propanil | 18:47 | 139 | Chlorfenvinphos (Z type) | 21:17 |
| 32 | Dicropthos | 16:20 | 86 | Oxapocozazole metabolite I (Formyl type) | 18:50 | 140 | Mecarbam | 21:23 |
| 33 | Salithion | 16:21 | 87 | Metribuzin | 18:51 | 141 | Ethychlozate | 21:24 |
| 34 | Flusilazole metabolite | 16:21 | 88 | Simeconazole | 18:58 | 142 | Allethrin-1 | 21:25 |
| 35 | Benfluralin | 16:23 | 89 | Alachlor | 18:58 | 143 | Phenthoate | 21:27 |
| 36 | 2,6-Dichlorobenzamide | 16:23 | 90 | Tolclophos methyl | 18:58 | 144 | Allethrin-2 | 21:27 |
| 37 | Sulfotep | 16:24 | 91 | Parathion methyl | 18:58 | 145 | Quinalphos | 21:29 |
| 38 | Cadusafos | 16:32 | 92 | Simetryn | 19:07 | 146 | Diclocymet-1 | 21:29 |
| 39 | Phorate | 16:37 | 93 | Metalaxyl | 19:10 | 147 | Captan | 21:29 |
| 40 | α-HCH | 16:41 | 94 | Fenchlorphos | 19:12 | 148 | Dimepiperate | 21:34 |
| 41 | Thiometon | 16:53 | 95 | Vinclozolin | 19:13 | 149 | Procymidone | 21:35 |
| 42 | Dimethoate | 16:53 | 96 | Ametryne | 19:13 | 150 | Triadimenol-1 | 21:36 |
| 43 | Dichloran | 17:01 | 97 | Cinmethylin | 19:13 | 151 | Folpet | 21:42 |
| 44 | Desmedipham | 17:09 | 98 | Prometryne | 19:17 | 152 | Methoprene | 21:49 |
| 45 | Simazine | 17:16 | 99 | Dithiopyr | 19:18 | 153 | Ferimzone (E type, Z type) | 21:51 |
| 46 | Quintozene | 17:20 | 100 | Pirimiphos methyl | 19:32 | 154 | Triadimenol-2 | 21:52 |
| 47 | Atrazine | 17:21 | 101 | Fenitrothion | 19:36 | 155 | Methidathion | 21:55 |
| 48 | Swep | 17:21 | 102 | Terbutryne | 19:36 | 156 | Chinomethionate | 21:59 |
| 49 | β-HCH | 17:23 | 103 | Dimethylvinphos (E type) | 19:42 | 157 | Diclocymet-2 | 22:02 |
| 50 | Dimethipin | 17:24 | 104 | Dimethylvinphos (Z type) | 19:42 | 158 | Propaphos | 22:04 |
| 51 | γ-HCH | 17:27 | 105 | Dichlofluanid | 19:44 | 159 | Pyrifenox-2 | 22:04 |
| 52 | Dioxathion | 17:28 | 106 | Esprocarb | 19:47 | 160 | Tetrachlorvinphos | 22:08 |
| 53 | Tolyfluanid metabolite | 17:32 | 107 | Malathion | 19:51 | 161 | Trichlamide | 22:10 |
| 54 | Terbufos | 17:34 | 108 | Bromacil | 19:51 | 162 | Paclobutrazol | 22:10 |

Pesticides

Data No. GA226-0904

| No. | Compound name | RT | No. | Compound name | RT | No. | Compound name | RT |
|-----|--------------------------|-------|-----|------------------------|-------|-----|-----------------------|-------|
| 163 | Butachlor | 22:14 | 217 | Edifenphos | 26:01 | 271 | Furametpyr metabolite | 31:42 |
| 164 | α -Endosulfan | 22:17 | 218 | Cyanofenphos | 26:02 | 272 | Amitraz | 31:59 |
| 165 | Fenothiocarb | 22:20 | 219 | Quinoxifen | 26:05 | 273 | Cyhalothrin-2 | 32:17 |
| 166 | Ditalimfos | 22:29 | 220 | Propiconazole-1 | 26:05 | 274 | Fenarimol | 32:20 |
| 167 | Butamifos | 22:30 | 221 | Trifloxystrobin | 26:15 | 275 | Pyrazophos | 32:50 |
| 168 | Napropamide | 22:40 | 222 | Propiconazole-2 | 26:20 | 276 | Azinphos ethyl | 33:03 |
| 169 | Fenamiphos | 22:44 | 223 | (E)-Pyriminobac-methyl | 26:22 | 277 | Dialifos | 33:21 |
| 170 | Chlorfenson | 22:49 | 224 | Lenacil | 26:22 | 278 | Acrinathrin | 33:22 |
| 171 | Hexaconazol | 22:49 | 225 | Chloridazon | 26:32 | 279 | Pyraclufos | 33:57 |
| 172 | Flutolanil | 22:52 | 226 | Pyraflufen ethyl | 26:34 | 280 | Fenoxaprop ethyl | 34:17 |
| 173 | Prothiofos | 22:52 | 227 | Thenylchlor | 26:44 | 281 | Spirodiclofen | 34:19 |
| 174 | Metominostrobin (E type) | 22:56 | 228 | Tebuconazole | 26:59 | 282 | Bitertanol-1 | 34:52 |
| 175 | Pretilachlor | 22:56 | 229 | Propargite-1 | 27:10 | 283 | Permethrin-1 | 35:15 |
| 176 | Isoprothiolane | 23:00 | 230 | Propargite-2 | 27:14 | 284 | Bitertanol-2 | 35:17 |
| 177 | Fludioxonil | 23:01 | 231 | Captafol | 27:17 | 285 | Fluquinconazole | 35:27 |
| 178 | Profenopfos | 23:03 | 232 | Diflufenican | 27:19 | 286 | Pyridaben | 35:34 |
| 179 | Uniconazole P | 23:14 | 233 | Piperonyl butoxide | 27:32 | 287 | Oxpoconazole | 35:40 |
| 180 | Oxadiazon | 23:16 | 234 | Nitralin | 27:37 | 288 | Permethrin-2 | 35:46 |
| 181 | Tribufos | 23:18 | 235 | Bioresmethrin | 27:42 | 289 | Etobenzanid | 36:32 |
| 182 | Thiifluzamid | 23:21 | 236 | Pyributicarb | 27:59 | 290 | Cafenstrole | 36:41 |
| 183 | Myclobutanil | 23:24 | 237 | Chlormethoxynil | 28:12 | 291 | Butafenacil | 36:49 |
| 184 | Buprofezin | 23:27 | 238 | Pyridaphenthion | 28:17 | 292 | Fenbuconazole | 36:51 |
| 185 | Flusilazole | 23:28 | 239 | Bromuconazol-1 | 28:21 | 293 | Cyfluthrin-1 | 37:17 |
| 186 | Oxyfluorfen | 23:30 | 240 | Iprodione | 28:25 | 294 | Cyfluthrin-2 | 37:41 |
| 187 | Diclobutrazol | 23:31 | 241 | Phosmet | 28:31 | 295 | Cyfluthrin-3 | 37:48 |
| 188 | Bupirimate | 23:31 | 242 | Tetramethrin-1 | 28:33 | 296 | Cyfluthrin-4 | 37:59 |
| 189 | Azaconazole | 23:37 | 243 | EPN | 28:41 | 297 | Cypermethrin-1 | 38:16 |
| 190 | Kresoxim methyl | 23:37 | 244 | Bromopropylate | 28:44 | 298 | Halfenprox | 38:19 |
| 191 | Chlorfenapyr | 23:51 | 245 | Bifenthrin | 28:48 | 299 | Cypermethrin-2 | 38:39 |
| 192 | Cyflufenamid | 23:55 | 246 | Piperophos | 28:49 | 300 | Quizalofop ethyl | 38:39 |
| 193 | Cyproconazole-1 | 23:55 | 247 | Tetramethrin-2 | 29:03 | 301 | Cypermethrin-3 | 38:45 |
| 194 | Isoxathion | 23:59 | 248 | Fenoxycarb | 29:09 | 302 | Flucythrinate-1 | 38:51 |
| 195 | Cyproconazole-2 | 23:59 | 249 | Bifenazate | 29:12 | 303 | Flucythrinate-2 | 38:51 |
| 196 | Nitrofen | 24:05 | 250 | Etoxazole | 29:15 | 304 | Cypermethrin-4 | 38:56 |
| 197 | Fenoxanil | 24:06 | 251 | Fenpropathrin | 29:21 | 305 | Ethofenprox | 39:12 |
| 198 | β -Endosulfan | 24:26 | 252 | Indanofan | 29:22 | 306 | Silafluofen | 39:39 |
| 199 | Chloropropylate | 24:27 | 253 | Bromuconazol-2 | 29:33 | 307 | Pyrimidifen | 40:20 |
| 200 | Chlorobenzilate | 24:27 | 254 | Anilofos | 29:34 | 308 | Flumioxazin | 40:46 |
| 201 | (Z)-Pyriminobac-methyl | 24:31 | 255 | Tebufenpyrad | 29:37 | 309 | Esfenvalerate | 40:46 |
| 202 | Fensulfothion | 24:36 | 256 | Bifenox | 29:42 | 310 | Fluvalinate-1 | 41:12 |
| 203 | Diniconazol | 24:36 | 257 | Clomeprop | 29:54 | 311 | Fenvalerate-1 | 41:21 |
| 204 | Oxadixyl | 24:48 | 258 | Furametpyr | 30:01 | 312 | Fenvalerate-2 | 41:21 |
| 205 | Ethion | 24:50 | 259 | Etoxazole metabolite | 30:01 | 313 | Fluvalinate-2 | 41:27 |
| 206 | Chlorthiophos | 24:57 | 260 | Tetradifon | 30:08 | 314 | Difenoconazole-1 | 41:53 |
| 207 | Fluacrypyrim | 25:21 | 261 | Iprodione metabolite | 30:16 | 315 | Difenoconazole-2 | 42:02 |
| 208 | Sulprofos | 25:30 | 262 | Leptophos | 30:29 | 316 | Pyrazoxyfen | 42:10 |
| 209 | Mepronil | 25:31 | 263 | Phosalone | 30:31 | 317 | Indoxacarb MP | 42:39 |
| 210 | Triazophos | 25:35 | 264 | Phenothrin | 30:36 | 318 | Deltamethrin | 42:47 |
| 211 | Benalaxyl | 25:45 | 265 | Pentoxazone | 30:41 | 319 | Azoxystrobin | 43:20 |
| 212 | Azamethiphos | 25:45 | 266 | Azinphos methyl | 30:46 | 320 | Dimethomorph-1 | 43:28 |
| 213 | CNP | 25:47 | 267 | Pyriproxyfen | 31:23 | 321 | Famoxadone | 43:42 |
| 214 | Carbophenothion | 25:54 | 268 | Mefenacet | 31:23 | 322 | Tolfenpyrade | 43:54 |
| 215 | Formothion | 25:54 | 269 | Cyhalothrin-1 | 31:36 | 323 | Dimethomorph-2 | 44:15 |
| 216 | Carfentrazone ethyl | 25:55 | 270 | Cyhalofop butyl | 31:42 | 324 | Fluthiacet methyl | 45:29 |