

HPLC Application

ID No.: 24017

Pesticide panel using Kinetex 2.6u Polar C18 50x4.6mm

Column: Kinetex® 2.6 µm Polar C18 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4759-E0

Elution Type: Gradient

Eluent A: Water with 0.1% formic acid

Eluent B: Methanol with 0.1% formic acid

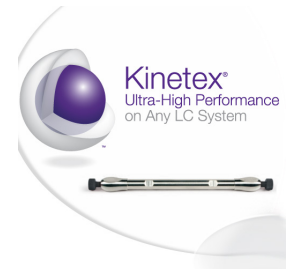
| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
| | 1 | 0 | 95 | 5 |
| | 2 | 5 | 0 | 100 |
| | 3 | 6 | 0 | 100 |
| | 4 | 6.1 | 95 | 5 |

Flow Rate: 0.7 mL/min

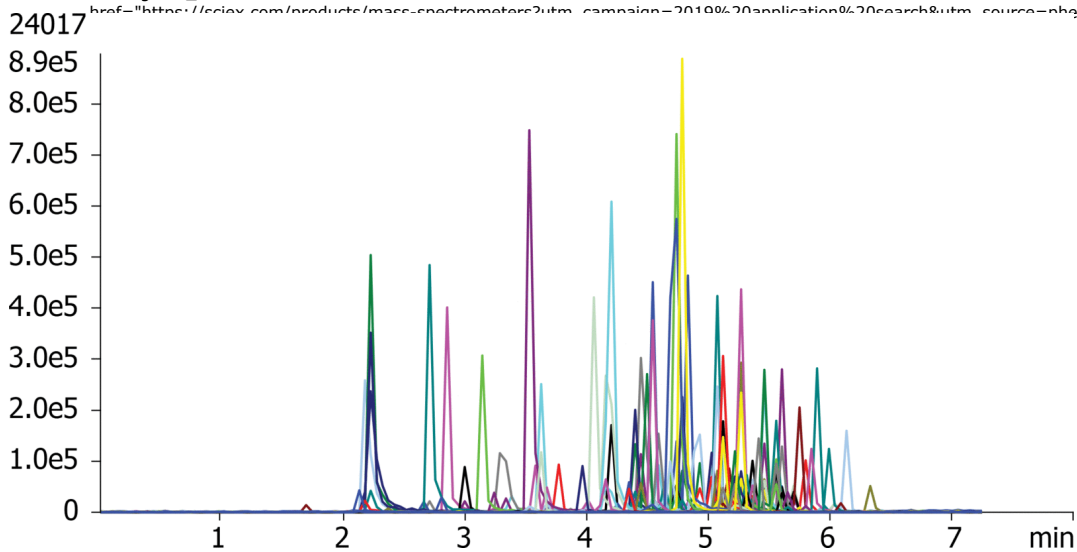
Col. Temp.: ambient

Detection: Tandem Mass Spec (MS-MS) @ (ambient)

Detector Info: SCIEX<



Products used in this application:



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ANALYTES:

| | | | | | |
|----|--|----|--------------------|-----|--------------------|
| 1 | Alphabetical List of Pesticides (Not by retention) | 41 | Cyazofamid | 81 | Fipronil |
| 2 | 3-Hydroxycarbofuran | 42 | Cycluron | 82 | Flonicamid |
| 3 | Abamectin | 43 | Cymoxanil | 83 | Fluazinam |
| 4 | Acephate | 44 | Cyproconazole | 84 | Flubendimide |
| 5 | Acetamiprid | 45 | Cyprodinil | 85 | Fludioxonil |
| 6 | Acibenzolar-S-methyl | 46 | Cyromazine | 86 | Flufenacet |
| 7 | Alanycarb | 47 | Desmedipham | 87 | Flufenoxuron |
| 8 | Aldicarb | 48 | Diclobutrazol | 88 | Fluometuron |
| 9 | Aldicarb sulfone | 49 | Dicrotophos | 89 | Fluoxastrobin |
| 10 | Aldicarb sulfoxide | 50 | Diethofencarb | 90 | Fluquinconazole |
| 11 | Ametryn | 51 | Difenoconazole | 91 | Flusilazole |
| 12 | Aminocarb | 52 | Diflubenzuron | 92 | Flutolanil |
| 13 | Amitraz | 53 | Dimethoate | 93 | Flutriafol |
| 14 | Azoxystrobin | 54 | Dimethomorph | 94 | Forchlorfenuron |
| 15 | Benalaxyl | 55 | Dimoxystrobin | 95 | Formetanate HCL |
| 16 | Bendiocarb | 56 | Diniconazole | 96 | Fuberidazole |
| 17 | Benfuracarb | 57 | Dinotefuran | 97 | Furalaxyl |
| 18 | Benzoximate | 58 | Dioxacarb | 98 | Furathiocarb |
| 19 | Bifenazate | 59 | Diuron | 99 | Halofenozide |
| 20 | Bitertanol | 60 | Doramectin | 100 | Hexaconazole |
| 21 | Boscalid | 61 | Emamectin-benzoate | 101 | Hexaflumuron |
| 22 | Bromucanazole | 62 | Epoxiconazole | 102 | Hexythiazox |
| 23 | Bupirimate | 63 | Eprinomectin | 103 | Hydramethylnon |
| 24 | Buprofezin | 64 | Etaconazole | 104 | Imazalil |
| 25 | Butafenacil | 65 | Ethiofencarb | 105 | Imidacloprid |
| 26 | Butocarboxim | 66 | Ethiprole | 106 | Indoxacarb |
| 27 | Butoxycarboxim | 67 | Ethirimol | 107 | Ipconazole |
| 28 | Carbaryl | 68 | Ethofumesate | 108 | Iprovalicarb |
| 29 | Carbendazim | 69 | Etoxazole | 109 | Isocarbofos |
| 30 | Carbetamide | 70 | Famoxadone | 110 | Isoprocarb |
| 31 | Carbofuran | 71 | Fenamidone | 111 | Isoproturon |
| 32 | Carboxin | 72 | Fenarimol | 112 | Ivermectin |
| 33 | Carfentrazone-ethyl | 73 | Fenazaquin | 113 | Kresoxim-methyl |
| 34 | Chlorantraniliprole | 74 | Fenbuconazole | 114 | Linuron |
| 35 | Chlorfluazuron | 75 | Fenhexamid | 115 | Lufenuron |
| 36 | Chlorotoluron | 76 | Fenobucarb | 116 | Mandipropamid |
| 37 | Chloroxuron | 77 | Fenoxycarb | 117 | Mefenacet |
| 38 | Clethodim | 78 | Fenpropimorph | 118 | Mepanipyrim |
| 39 | Clofentezine | 79 | Fenpyroximate | 119 | Mepronil |
| 40 | Clothianidin | 80 | Fenuron | 120 | Mesotrione |
| | | | | 121 | Metaflumizone |
| | | | | 122 | Metalaxyl |
| | | | | 123 | Metconazole |
| | | | | 124 | Methabenzthiazuron |
| | | | | 125 | Methamidophos |
| | | | | 126 | Methiocarb |
| | | | | 127 | Methomyl |
| | | | | 128 | Methoprotryne |
| | | | | 129 | Methoxyfenozide |
| | | | | 130 | Metobromuron |
| | | | | 131 | Metribuzin |

