

## Kale Extracted with RoQ on Kinetex Biphenyl by LCMS

**Column:** Kinetex® 5 µm Biphenyl 100 Å LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4627-E0

**Elution Type:** Gradient

**Eluent A:** 10 mM ammonium formate in water

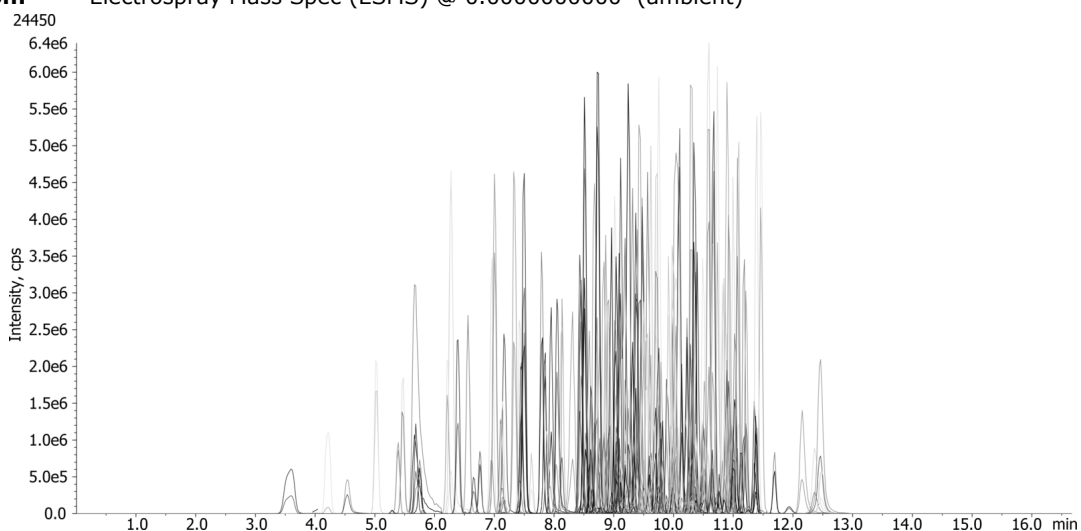
**Eluent B:** Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 98    | 2     |
|                   | 2        | 1          | 98    | 2     |
|                   | 3        | 10         | 0     | 100   |
|                   | 4        | 13         | 0     | 100   |
|                   | 5        | 13.1       | 98    | 2     |
|                   | 6        | 16         | 98    | 2     |

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 35 °C

**Detection:** Electrospray Mass Spec (ESMS) @ 0.000000000 (ambient)



Products used in this application:



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## ANALYTES:

|    |                      |    |                    |     |                          |
|----|----------------------|----|--------------------|-----|--------------------------|
| 1  | Methamidophos        | 41 | Tebuthiuron        | 81  | Ametryn                  |
| 2  | Acephate             | 42 | Propoxur           | 82  | Triadimenol              |
| 3  | Cyromazine           | 43 | Ethirimol          | 83  | Clethodim Z              |
| 4  | Omethoate            | 44 | Aminocarb          | 84  | Diethofencarb            |
| 5  | Mesotrione           | 45 | Bendiocarb         | 85  | Promecarb                |
| 6  | Dinotefuran          | 46 | Monolinuron        | 86  | Oxadixyl                 |
| 7  | Aldicarb-sulfoxide   | 47 | Propham            | 87  | Pirimicarb               |
| 8  | Propamocarb          | 48 | Chlortoluron       | 88  | Methoprotetryne          |
| 9  | Butoxycarboxim       | 49 | Metribuzin         | 89  | Iprovalicarb             |
| 10 | Aldicarb-sulfone     | 50 | Forchlorfenuron    | 90  | Flutolanil               |
| 11 | Flonicamid           | 51 | Diuron             | 91  | Cyproconazole (isomer 2) |
| 12 | Formetanate          | 52 | Pyracarbolid       | 92  | Cyproconazole (isomer 1) |
| 13 | Methabenzthiazuron   | 53 | Sulfentrazone      | 93  | Methiocarb               |
| 14 | Monocrotophos        | 54 | Isoprocarb         | 94  | Mexacarbate              |
| 15 | OxamyI               | 55 | Carbofuran         | 95  | Nuarimol                 |
| 16 | Methomyl             | 56 | Carbaryl           | 96  | Neburon                  |
| 17 | Nitenpyram           | 57 | Thiofanox          | 97  | Fenhexamid               |
| 18 | Clothianidin         | 58 | Metobromuron       | 98  | Prometryn                |
| 19 | Fenuron              | 59 | Isoproturon        | 99  | Pyrimethanil             |
| 20 | Dicrotophos          | 60 | Thiacloprid        | 100 | Tetraconazole            |
| 21 | 3-Hydroxycarbofuran  | 61 | Ethiofencarb       | 101 | Diclobutrazol            |
| 22 | Thiamethoxam         | 62 | Simetryn           | 102 | Etaconazole (isomer 1)   |
| 23 | Acibenzolar-S-methyl | 63 | Thiophanate-methyl | 103 | Triadimefon              |
| 24 | Pymetrozine          | 64 | Prometon           | 104 | Mepronil                 |
| 25 | Dimethoate           | 65 | Cycluron           | 105 | Metalaxyl                |
| 26 | Carbendazim          | 66 | Secbumeton         | 106 | Methoxyfenozide          |
| 27 | Mevinphos E          | 67 | Ethiprole          | 107 | Terbutryn                |
| 28 | Dioxacarb            | 68 | Flutriafol         | 108 | Chloroxuron              |
| 29 | Vamidothion          | 69 | Fenobucarb         | 109 | Fenamidone               |
| 30 | Cymoxanil            | 70 | Siduron            | 110 | Myclobutanil             |
| 31 | Carbetamide          | 71 | Carboxin           | 111 | Tricyclazole             |
| 32 | Mevinphos Z          | 72 | Linuron            | 112 | Triticonazole            |
| 33 | Imidacloprid         | 73 | Desmedipham        | 113 | Boscalid                 |
| 34 | Aldicarb             | 74 | Fludioxinil        | 114 | Ethofumesate             |
| 35 | Fuberidazole         | 75 | Isocarbophos       | 115 | Hexaconazole             |
| 36 | Thiabendazole        | 76 | Phenmedipham       | 116 | Tebuconazole             |
| 37 | Thidiazuron          | 77 | Halofenozide       | 117 | Prothioconazole          |
| 38 | Fluometuron          | 78 | Fipronil           | 118 | Tebufofenozide           |
| 39 | Acetamiprid          | 79 | Paclobutrazol      | 119 | Fenarimol                |
| 40 | Clethodim E          | 80 | Terbumeton         | 120 | Diflubenzuron            |
|    |                      |    |                    | 121 | Diniconazole             |
|    |                      |    |                    | 122 | Spiroxamine              |
|    |                      |    |                    | 123 | Zoxamide                 |
|    |                      |    |                    | 124 | Triflurumuron            |
|    |                      |    |                    | 125 | Flufenacet               |
|    |                      |    |                    | 126 | Novaluron                |
|    |                      |    |                    | 127 | Bifenazate               |
|    |                      |    |                    | 128 | Mandipropamid            |
|    |                      |    |                    | 129 | Metconazole              |
|    |                      |    |                    | 130 | Penconazole              |
|    |                      |    |                    | 131 | Monopropin               |

