

## Cannabis pesticide screening using Kinetex 2.6 µm Biphenyl 50 x4.6 mm

**Column:** Kinetex® 2.6 µm Biphenyl 100 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4622-E0

**Elution Type:** Gradient

**Eluent A:** 5mM Ammonium Formate + 0.1% Formic Acid in Water

**Eluent B:** 5mM Ammonium Formate + 0.1% formic acid in methanol 98:2

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	1	90	10
	3	4.3	20	80
	4	8.7	5	95
	5	10.5	5	95
	6	10.6	90	10
	7	16	90	10

**Flow Rate:** 0.4 mL/min

**Col. Temp.:** 40 °C

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

**Detector Info:**

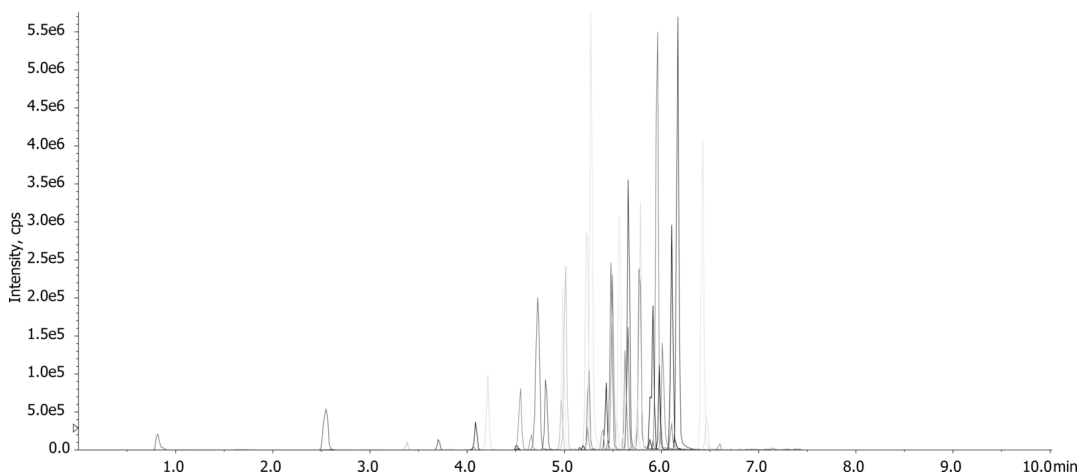
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href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<

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Products used in this application:



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### ANALYTES:

<b>1</b> Acephate	<b>41</b> Oxamyl
<b>2</b> Acequinocyl	<b>42</b> Paclobutrazol
<b>3</b> Acetamiprid	<b>43</b> Parathion-methyl
<b>4</b> Aldicarb	<b>44</b> Permethrin, cis-
<b>5</b> Avermectin B1a	<b>45</b> Permethrin, trans-
<b>6</b> Avermectin B1b	<b>46</b> Phosmet
<b>7</b> Azoxystrobin	<b>47</b> Piperonyl butoxide
<b>8</b> Bifenazate	<b>48</b> Prallethrin
<b>9</b> Bifenthrin	<b>49</b> Propiconazole
<b>10</b> Boscalid	<b>50</b> Propoxure
<b>11</b> Carbaryl	<b>51</b> Pyrethrins Cinerin
<b>12</b> Carbofuran	<b>52</b> Pyrethrins Jasmolin
<b>13</b> Chlorantraniliprole	<b>53</b> Pyrethrins Pyrethrin
<b>14</b> Chlorpyrifos	<b>54</b> Pyridaben
<b>15</b> Clofentezine	<b>55</b> Spinosyn A
<b>16</b> Cyfluthrin	<b>56</b> Spinosyn D
<b>17</b> Cypermethrin	<b>57</b> Spiromesifen
<b>18</b> Daminozide	<b>58</b> Spirotetramat
<b>19</b> Diazinon	<b>59</b> Spiroxamine
<b>20</b> Dichlorvos	<b>60</b> Tebuconazole
<b>21</b> Dimethoate	<b>61</b> Thiacloprid
<b>22</b> Ethoprophos	<b>62</b> Thiamethoxam
<b>23</b> Etofenprox	<b>63</b> Trifloxystrobin
<b>24</b> Etoxazole	<b>64</b> Uniconazole
<b>25</b> Fenoxycarb	
<b>26</b> Fenpyroximate	
<b>27</b> Fipronil	
<b>28</b> Fipronil NH4	
<b>29</b> Flonicamid	
<b>30</b> Fludioxinil	
<b>31</b> Hexythiazox	
<b>32</b> Imazalil	
<b>33</b> Imidacloprid	
<b>34</b> Kresoxim-methyl	
<b>35</b> Malathion A	
<b>36</b> Metalaxyl	
<b>37</b> Methiocarb	
<b>38</b> Methomyl	
<b>39</b> Myclobutanil	
<b>40</b> Naled	

