

## Fast Pain Panel using Kinetex 2.6 u Biphenyl 50x3.0mm

**Column:** Kinetex® 2.6 µm Biphenyl 100 Å, LC Column 50 x 3.0 mm, Ea

**Dimensions:** 50 x 3 mm ID

**Order No:** 00B-4622-Y0

**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          | 90    | 10    |
|                   | 2        | 2.5        | 0     | 100   |
|                   | 3        | 3.5        | 0     | 100   |
|                   | 4        | 3.51       | 90    | 10    |
|                   | 5        | 5          | 90    | 10    |

**Flow Rate:** 0.7 mL/min

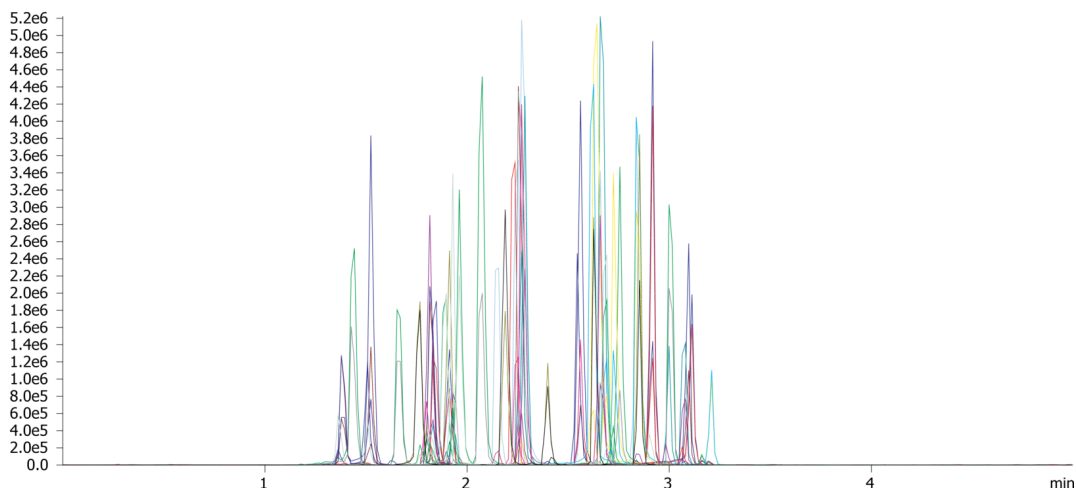
**Col. Temp.:** 40 °C

**Detection:** Electrospray Mass Spec (ESMS) @ 0.0000000000 (40 °C)

22121



Products used in this application:



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### ANALYTES:

|           |                   |           |          |
|-----------|-------------------|-----------|----------|
| <b>1</b>  | Morphine          | <b>41</b> | Diazepam |
| <b>2</b>  | Oxymorphone       |           |          |
| <b>3</b>  | Hydromorphone     |           |          |
| <b>4</b>  | Amphetamine       |           |          |
| <b>5</b>  | Naloxone          |           |          |
| <b>6</b>  | Methamphetamine   |           |          |
| <b>7</b>  | Codeine           |           |          |
| <b>8</b>  | MDA               |           |          |
| <b>9</b>  | Oxycodone         |           |          |
| <b>10</b> | Naltrexone        |           |          |
| <b>11</b> | Hydrocodone       |           |          |
| <b>12</b> | MDMA              |           |          |
| <b>13</b> | MDEA              |           |          |
| <b>14</b> | Norfentanyl       |           |          |
| <b>15</b> | Tramadol          |           |          |
| <b>16</b> | Benzoylcegonine   |           |          |
| <b>17</b> | Meperidine        |           |          |
| <b>18</b> | Meprobamate       |           |          |
| <b>19</b> | Norbuprenorphine  |           |          |
| <b>20</b> | Fentanyl          |           |          |
| <b>21</b> | Buprenorphine     |           |          |
| <b>22</b> | Flurazepam        |           |          |
| <b>23</b> | Carisoprodol      |           |          |
| <b>24</b> | PCP               |           |          |
| <b>25</b> | Propoxyphene      |           |          |
| <b>26</b> | Sufentanil        |           |          |
| <b>27</b> | 6-MAM             |           |          |
| <b>28</b> | Midazolam         |           |          |
| <b>29</b> | Normeperidine     |           |          |
| <b>30</b> | EDDP              |           |          |
| <b>31</b> | Methadone         |           |          |
| <b>32</b> | Lorazepam         |           |          |
| <b>33</b> | Clonazepam        |           |          |
| <b>34</b> | Norpropoxyphene   |           |          |
| <b>35</b> | Oxazepam          |           |          |
| <b>36</b> | Hydroxyalprazolam |           |          |
| <b>37</b> | Nordiazepam       |           |          |
| <b>38</b> | Flunitrazepam     |           |          |
| <b>39</b> | Temazepam         |           |          |
| <b>40</b> | Alprazolam        |           |          |

