

## 7.5 min Pain Panel on Kinetex 2.6µm Biphenyl, 30x2.1mm ESI+

**Column:** Kinetex® 2.6 µm Biphenyl 100 Å LC Column 30 x 2.1 mm, Ea

**Dimensions:** 30 x 2.1 mm ID

**Order No:** 00A-4622-AN

**Elution Type:** Gradient

**Eluent A:** 10mM Ammonium Formate in Water (pH unadjusted)

**Eluent B:** 0.1% Formic Acid in Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 1.2        | 70    | 30    |
|                   | 3        | 1.3        | 45    | 55    |
|                   | 4        | 2.3        | 30    | 70    |
|                   | 5        | 2.4        | 5     | 95    |
|                   | 6        | 2.7        | 5     | 95    |
|                   | 7        | 2.72       | 95    | 5     |
|                   | 8        | 4          | 95    | 5     |

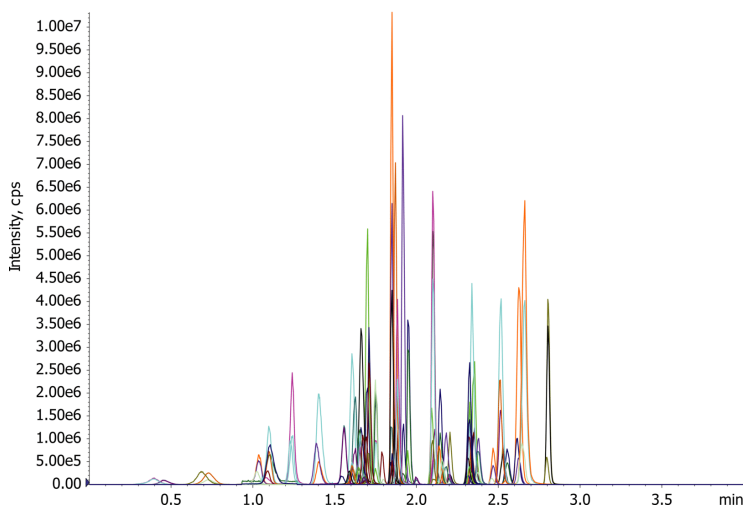
**Flow Rate:** 1 mL/min

**Col. Temp.:** 30 °C

**Detection:** Electrospray Mass Spec (ESMS) @ 0.0000000000 (ambient)  
App ID 23560



Products used in this application:



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### ANALYTES:

|           |                         |           |                            |
|-----------|-------------------------|-----------|----------------------------|
| <b>1</b>  | 6-MAM                   | <b>41</b> | PCP                        |
| <b>2</b>  | 7-Aminoclonazepam       | <b>42</b> | Pregabalin                 |
| <b>3</b>  | alpha-hydroxyalprazolam | <b>43</b> | Sertraline                 |
| <b>4</b>  | Alprazolam              | <b>44</b> | Tapentadol                 |
| <b>5</b>  | Amitriptyline           | <b>45</b> | Temazepam                  |
| <b>6</b>  | Amphetamine             | <b>46</b> | Tramadol                   |
| <b>7</b>  | Benzoylcegonine         | <b>47</b> | Zolpidem                   |
| <b>8</b>  | Buprenorphine           | <b>48</b> | Zolpidem-4-carboxylic Acid |
| <b>9</b>  | Carisoprodol            |           |                            |
| <b>10</b> | Citalopram              |           |                            |
| <b>11</b> | Codeine                 |           |                            |
| <b>12</b> | Cotinine                |           |                            |
| <b>13</b> | Diazepam                |           |                            |
| <b>14</b> | EDDP                    |           |                            |
| <b>15</b> | Fentanyl                |           |                            |
| <b>16</b> | Fluoxetine              |           |                            |
| <b>17</b> | Gabapentin              |           |                            |
| <b>18</b> | Hydrocodone             |           |                            |
| <b>19</b> | Hydromorphone           |           |                            |
| <b>20</b> | Imipramine              |           |                            |
| <b>21</b> | Lorazepam               |           |                            |
| <b>22</b> | MDMA                    |           |                            |
| <b>23</b> | Meperidine              |           |                            |
| <b>24</b> | Meprobamate             |           |                            |
| <b>25</b> | Methadone               |           |                            |
| <b>26</b> | Methamphetamine         |           |                            |
| <b>27</b> | Methylphenidate         |           |                            |
| <b>28</b> | Morphine                |           |                            |
| <b>29</b> | Naloxone                |           |                            |
| <b>30</b> | Norbuprenorphine        |           |                            |
| <b>31</b> | Nordiazepam             |           |                            |
| <b>32</b> | Norfentanyl             |           |                            |
| <b>33</b> | Norhydrocodone          |           |                            |
| <b>34</b> | Noroxycodone            |           |                            |
| <b>35</b> | Normorphine             |           |                            |
| <b>36</b> | Nortriptyline           |           |                            |
| <b>37</b> | O-Desmethyltramadol     |           |                            |
| <b>38</b> | Oxycodone               |           |                            |
| <b>39</b> | Oxymorphone             |           |                            |
| <b>40</b> | Paroxetine              |           |                            |

