

# GC Application

ID No.: 18176

## PBDEs on ZB-5HT

**Column:** Zebron<sup>™</sup> ZB-5HT, GC Cap. Column 30 m x 0.25 mm x 0.10 μm, Ea

**Phase:** 5% Phenyl 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.1 μm

**Order No:** 7HG-G015-02

**Oven Profile:** 120 °C for 1 min to 340 3 °C/min for 5 min

**Carrier Gas:** Constant Flow Hydrogen, 5 mL/min

**Injection:** Splitless :1 2 μL @ 250°C

**Detection:** Electron Capture (ECD) (300°C)

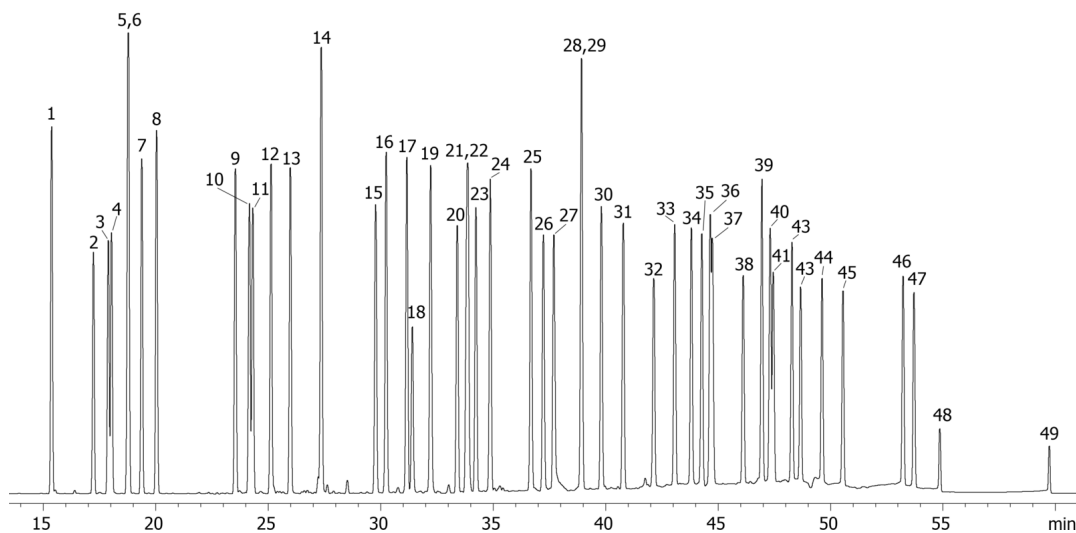
**Analyst Note:** Courtesy of BAM - I.2



Products used in this application:



18176



## PBDEs on ZB-5HT

### ANALYTES:

<b>1</b> BZ# 30	<b>41</b> BZ# 197
<b>2</b> BZ# 32	<b>42</b> BZ# 203
<b>3</b> BZ# 17	<b>43</b> BZ# 196
<b>4</b> BZ# 25	<b>44</b> BZ# 205
<b>5</b> BZ# 28	<b>45</b> BZ# 194
<b>6</b> BZ# 33	<b>46</b> BZ# 208
<b>7</b> BZ# 35	<b>47</b> BZ# 207
<b>8</b> BZ# 37	<b>48</b> BZ# 206
<b>9</b> BZ# 75	<b>49</b> BZ# 209
<b>10</b> BZ# 49	
<b>11</b> BZ# 71	
<b>12</b> BZ# 47	
<b>13</b> BZ# 66	
<b>14</b> BZ# 77	
<b>15</b> BZ# 100	
<b>16</b> BZ# 119	
<b>17</b> BZ# 79	
<b>18</b> BZ# 116	
<b>19</b> BZ# 118	
<b>20</b> BZ# 85	
<b>21</b> BZ# 126	
<b>22</b> BZ# 155	
<b>23</b> BZ# 105	
<b>24</b> BZ# 154	
<b>25</b> BZ# 153	
<b>26</b> BZ# 139	
<b>27</b> BZ# 140	
<b>28</b> BZ# 138	
<b>29</b> BZ# 166	
<b>30</b> BZ# 156	
<b>31</b> BZ# 184	
<b>32</b> BZ# 182	
<b>33</b> BZ# 191	
<b>34</b> BZ# 180	
<b>35</b> BZ# 181	
<b>36</b> BZ# 190	
<b>37</b> BZ# 171	
<b>38</b> BZ# 170	
<b>39</b> BZ# 201	
<b>40</b> BZ# 204	

