

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082119AL\  
 Data File : FD030236.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Aug 2019 12:23  
 Sample : K4403-16DL 2X  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 080819.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 11.558      | 11.503       | 11.582     | PH       | 343864         | 3573634      | 100.00%        | 6.406%        |
| 2         | 11.592      | 11.582       | 11.607     | HH       | 14363          | 128983       | 3.61%          | 0.231%        |
| 3         | 11.623      | 11.607       | 11.665     | HH       | 17080          | 145023       | 4.06%          | 0.260%        |
| 4         | 11.707      | 11.665       | 11.723     | PH       | 8773           | 115951       | 3.24%          | 0.208%        |
| 5         | 11.740      | 11.723       | 11.754     | PH       | 10492          | 97619        | 2.73%          | 0.175%        |
| 6         | 11.770      | 11.754       | 11.822     | HH       | 13095          | 102129       | 2.86%          | 0.183%        |
| 7         | 11.947      | 11.921       | 11.968     | PH       | 4898           | 34692        | 0.97%          | 0.062%        |
| 8         | 12.059      | 12.033       | 12.081     | PH       | 6404           | 48059        | 1.34%          | 0.086%        |
| 9         | 12.310      | 12.276       | 12.323     | PH       | 1718           | 12753        | 0.36%          | 0.023%        |
| 10        | 12.332      | 12.323       | 12.357     | HH       | 976            | 10562        | 0.30%          | 0.019%        |
| 11        | 12.377      | 12.357       | 12.415     | HH       | 3874           | 45782        | 1.28%          | 0.082%        |
| 12        | 12.438      | 12.415       | 12.465     | PH       | 3803           | 38331        | 1.07%          | 0.069%        |
| 13        | 12.488      | 12.465       | 12.506     | HH       | 11439          | 128326       | 3.59%          | 0.230%        |
| 14        | 12.523      | 12.506       | 12.537     | HH       | 4614           | 64980        | 1.82%          | 0.116%        |
| 15        | 12.547      | 12.537       | 12.568     | HH       | 4366           | 51247        | 1.43%          | 0.092%        |
| 16        | 12.603      | 12.568       | 12.644     | HH       | 96315          | 1040473      | 29.12%         | 1.865%        |
| 17        | 12.759      | 12.713       | 12.773     | PH       | 2581           | 39212        | 1.10%          | 0.070%        |
| 18        | 12.790      | 12.773       | 12.849     | HH       | 4310           | 98921        | 2.77%          | 0.177%        |
| 19        | 12.861      | 12.849       | 12.872     | HH       | 531            | 5513         | 0.15%          | 0.010%        |
| 20        | 12.900      | 12.872       | 12.933     | HH       | 87628          | 915551       | 25.62%         | 1.641%        |
| 21        | 12.984      | 12.933       | 13.017     | HH       | 252455         | 2972143      | 83.17%         | 5.327%        |
| 22        | 13.037      | 13.017       | 13.051     | HH       | 1111           | 15150        | 0.42%          | 0.027%        |
| 23        | 13.071      | 13.051       | 13.085     | HH       | 3751           | 43345        | 1.21%          | 0.078%        |
| 24        | 13.098      | 13.085       | 13.124     | HH       | 2811           | 33547        | 0.94%          | 0.060%        |
| 25        | 13.165      | 13.124       | 13.211     | PH       | 4901           | 84050        | 2.35%          | 0.151%        |
| 26        | 13.231      | 13.211       | 13.259     | HH       | 2366           | 34969        | 0.98%          | 0.063%        |
| 27        | 13.294      | 13.259       | 13.309     | PH       | 3264           | 41096        | 1.15%          | 0.074%        |
| 28        | 13.319      | 13.309       | 13.332     | HH       | 1907           | 22895        | 0.64%          | 0.041%        |
| 29        | 13.355      | 13.332       | 13.382     | HH       | 7806           | 117987       | 3.30%          | 0.211%        |
| 30        | 13.393      | 13.382       | 13.426     | HH       | 1268           | 22395        | 0.63%          | 0.040%        |
| 31        | 13.550      | 13.522       | 13.566     | HH       | 2000           | 32170        | 0.90%          | 0.058%        |
| 32        | 13.592      | 13.566       | 13.612     | HH       | 8237           | 109191       | 3.06%          | 0.196%        |
| 33        | 13.631      | 13.612       | 13.658     | HH       | 10142          | 135674       | 3.80%          | 0.243%        |
| 34        | 13.672      | 13.658       | 13.698     | HH       | 3209           | 52190        | 1.46%          | 0.094%        |
| 35        | 13.760      | 13.698       | 13.781     | HH       | 10236          | 218496       | 6.11%          | 0.392%        |
| 36        | 13.800      | 13.781       | 13.839     | HH       | 8947           | 129745       | 3.63%          | 0.233%        |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 37     | 13.873 | 13.839 | 13.898 | HH | 3266  | 63910   | 1.79%  | 0.115% |
| 38     | 13.917 | 13.898 | 13.930 | HH | 1595  | 26016   | 0.73%  | 0.047% |
| 39     | 13.962 | 13.930 | 13.985 | HH | 1838  | 49985   | 1.40%  | 0.090% |
| 40     | 14.008 | 13.985 | 14.048 | HH | 1516  | 45261   | 1.27%  | 0.081% |
|        |        |        |        |    |       |         |        |        |
| 41     | 14.066 | 14.048 | 14.104 | HH | 1687  | 42100   | 1.18%  | 0.075% |
| 42     | 14.121 | 14.104 | 14.132 | HH | 1613  | 23728   | 0.66%  | 0.043% |
| 43     | 14.175 | 14.132 | 14.194 | HH | 4452  | 123541  | 3.46%  | 0.221% |
| 44     | 14.214 | 14.194 | 14.250 | HH | 10650 | 165531  | 4.63%  | 0.297% |
| 45     | 14.291 | 14.250 | 14.302 | HH | 3886  | 82686   | 2.31%  | 0.148% |
|        |        |        |        |    |       |         |        |        |
| 46     | 14.316 | 14.302 | 14.357 | HH | 3925  | 99277   | 2.78%  | 0.178% |
| 47     | 14.391 | 14.357 | 14.431 | HH | 9063  | 222171  | 6.22%  | 0.398% |
| 48     | 14.455 | 14.431 | 14.477 | HH | 14586 | 219923  | 6.15%  | 0.394% |
| 49     | 14.515 | 14.477 | 14.556 | HH | 11614 | 251662  | 7.04%  | 0.451% |
| 50     | 14.578 | 14.556 | 14.597 | HH | 4309  | 83219   | 2.33%  | 0.149% |
|        |        |        |        |    |       |         |        |        |
| 51     | 14.636 | 14.597 | 14.693 | HH | 4828  | 185399  | 5.19%  | 0.332% |
| 52     | 14.715 | 14.693 | 14.733 | HH | 4488  | 80254   | 2.25%  | 0.144% |
| 53     | 14.852 | 14.838 | 14.879 | HH | 4586  | 91858   | 2.57%  | 0.165% |
| 54     | 14.925 | 14.879 | 14.979 | HH | 10546 | 301561  | 8.44%  | 0.541% |
| 55     | 15.001 | 14.979 | 15.035 | HH | 5728  | 142362  | 3.98%  | 0.255% |
|        |        |        |        |    |       |         |        |        |
| 56     | 15.065 | 15.035 | 15.088 | HH | 6588  | 154812  | 4.33%  | 0.277% |
| 57     | 15.114 | 15.088 | 15.172 | HH | 6551  | 247396  | 6.92%  | 0.443% |
| 58     | 15.209 | 15.172 | 15.281 | HH | 12481 | 454060  | 12.71% | 0.814% |
| 59     | 15.303 | 15.281 | 15.318 | HH | 4855  | 102584  | 2.87%  | 0.184% |
| 60     | 15.352 | 15.318 | 15.374 | HH | 6915  | 197130  | 5.52%  | 0.353% |
|        |        |        |        |    |       |         |        |        |
| 61     | 15.391 | 15.374 | 15.404 | HH | 6932  | 110423  | 3.09%  | 0.198% |
| 62     | 15.433 | 15.404 | 15.454 | HH | 16671 | 301625  | 8.44%  | 0.541% |
| 63     | 15.470 | 15.454 | 15.498 | HH | 9853  | 192842  | 5.40%  | 0.346% |
| 64     | 15.515 | 15.498 | 15.529 | HH | 6768  | 114732  | 3.21%  | 0.206% |
| 65     | 15.593 | 15.529 | 15.627 | HH | 10591 | 464163  | 12.99% | 0.832% |
|        |        |        |        |    |       |         |        |        |
| 66     | 15.669 | 15.627 | 15.694 | HH | 8613  | 261691  | 7.32%  | 0.469% |
| 67     | 15.752 | 15.694 | 15.769 | HH | 7786  | 297874  | 8.34%  | 0.534% |
| 68     | 15.788 | 15.769 | 15.809 | HH | 8288  | 165374  | 4.63%  | 0.296% |
| 69     | 15.836 | 15.809 | 15.895 | HH | 8985  | 372451  | 10.42% | 0.668% |
| 70     | 15.902 | 15.895 | 15.908 | HH | 6057  | 48655   | 1.36%  | 0.087% |
|        |        |        |        |    |       |         |        |        |
| 71     | 15.933 | 15.908 | 15.951 | HH | 6748  | 164080  | 4.59%  | 0.294% |
| 72     | 15.980 | 15.951 | 16.001 | HH | 7104  | 202543  | 5.67%  | 0.363% |
| 73     | 16.046 | 16.001 | 16.080 | HH | 9501  | 387233  | 10.84% | 0.694% |
| 74     | 16.100 | 16.080 | 16.115 | HH | 8945  | 170470  | 4.77%  | 0.306% |
| 75     | 16.135 | 16.115 | 16.162 | HH | 9624  | 242716  | 6.79%  | 0.435% |
|        |        |        |        |    |       |         |        |        |
| 76     | 16.239 | 16.162 | 16.263 | HH | 11664 | 586237  | 16.40% | 1.051% |
| 77     | 16.313 | 16.263 | 16.377 | HH | 54571 | 1389320 | 38.88% | 2.490% |
| 78     | 16.441 | 16.377 | 16.462 | HH | 17252 | 552738  | 15.47% | 0.991% |
| 79     | 16.479 | 16.462 | 16.513 | HH | 10907 | 299541  | 8.38%  | 0.537% |
| 80     | 16.561 | 16.513 | 16.574 | HH | 10695 | 368206  | 10.30% | 0.660% |
|        |        |        |        |    |       |         |        |        |
| 81     | 16.631 | 16.574 | 16.658 | HH | 36685 | 887295  | 24.83% | 1.590% |
| 82     | 16.688 | 16.658 | 16.742 | HH | 45588 | 966541  | 27.05% | 1.732% |
| 83     | 16.787 | 16.742 | 16.815 | HH | 22807 | 664996  | 18.61% | 1.192% |
| 84     | 16.835 | 16.815 | 16.868 | HH | 13371 | 396904  | 11.11% | 0.711% |
| 85     | 16.930 | 16.868 | 16.968 | HH | 14633 | 801071  | 22.42% | 1.436% |
|        |        |        |        |    |       |         |        |        |
| 86     | 16.990 | 16.968 | 17.005 | HH | 14116 | 300840  | 8.42%  | 0.539% |
| 87     | 17.052 | 17.005 | 17.110 | HH | 17719 | 954347  | 26.71% | 1.711% |
| 88     | 17.213 | 17.110 | 17.248 | HH | 19558 | 1327830 | 37.16% | 2.380% |
| 89     | 17.271 | 17.248 | 17.318 | HH | 16632 | 658774  | 18.43% | 1.181% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    | rters |         |        |        |
| 90  | 17.351 | 17.318 | 17.401 | HH | 18437 | 826496  | 23.13% | 1.481% |
| 91  | 17.436 | 17.401 | 17.468 | HH | 16874 | 635889  | 17.79% | 1.140% |
| 92  | 17.488 | 17.468 | 17.506 | HH | 16480 | 369813  | 10.35% | 0.663% |
| 93  | 17.524 | 17.506 | 17.543 | HH | 16451 | 352704  | 9.87%  | 0.632% |
| 94  | 17.565 | 17.543 | 17.584 | HH | 17104 | 406719  | 11.38% | 0.729% |
| 95  | 17.615 | 17.584 | 17.629 | HH | 17849 | 465556  | 13.03% | 0.834% |
| 96  | 17.660 | 17.629 | 17.717 | HH | 23505 | 1004152 | 28.10% | 1.800% |
| 97  | 17.742 | 17.717 | 17.758 | HH | 19664 | 456532  | 12.77% | 0.818% |
| 98  | 17.777 | 17.758 | 17.795 | HH | 19716 | 426077  | 11.92% | 0.764% |
| 99  | 17.818 | 17.795 | 17.835 | HH | 21811 | 480782  | 13.45% | 0.862% |
| 100 | 17.843 | 17.835 | 17.869 | HH | 21191 | 412547  | 11.54% | 0.739% |
| 101 | 17.899 | 17.869 | 17.918 | HH | 19451 | 558908  | 15.64% | 1.002% |
| 102 | 17.959 | 17.918 | 18.002 | HH | 24298 | 1022829 | 28.62% | 1.833% |
| 103 | 18.048 | 18.002 | 18.069 | HH | 40322 | 1077699 | 30.16% | 1.932% |
| 104 | 18.083 | 18.069 | 18.115 | HH | 27160 | 656171  | 18.36% | 1.176% |
| 105 | 18.133 | 18.115 | 18.157 | HH | 21614 | 514625  | 14.40% | 0.922% |
| 106 | 18.180 | 18.157 | 18.197 | HH | 26847 | 547920  | 15.33% | 0.982% |
| 107 | 18.212 | 18.197 | 18.270 | HH | 24577 | 929949  | 26.02% | 1.667% |
| 108 | 18.300 | 18.270 | 18.328 | HH | 38750 | 908884  | 25.43% | 1.629% |
| 109 | 18.384 | 18.328 | 18.405 | HH | 22548 | 961195  | 26.90% | 1.723% |
| 110 | 18.431 | 18.405 | 18.458 | HH | 24860 | 704165  | 19.70% | 1.262% |
| 111 | 18.485 | 18.458 | 18.512 | HH | 25127 | 720898  | 20.17% | 1.292% |
| 112 | 18.531 | 18.512 | 18.574 | HH | 21452 | 791772  | 22.16% | 1.419% |
| 113 | 18.603 | 18.574 | 18.630 | HH | 22354 | 723029  | 20.23% | 1.296% |
| 114 | 18.646 | 18.630 | 18.663 | HH | 21752 | 427721  | 11.97% | 0.767% |
| 115 | 18.733 | 18.663 | 18.752 | HH | 23420 | 1173726 | 32.84% | 2.104% |
| 116 | 18.773 | 18.752 | 18.791 | HH | 22872 | 533240  | 14.92% | 0.956% |
| 117 | 18.811 | 18.791 | 18.827 | HH | 24175 | 495439  | 13.86% | 0.888% |
| 118 | 18.877 | 18.827 | 18.922 | HH | 27289 | 1439864 | 40.29% | 2.581% |
| 119 | 18.978 | 18.922 | 19.032 | HH | 25477 | 1619681 | 45.32% | 2.903% |
| 120 | 19.094 | 19.032 | 19.112 | HH | 25988 | 1224333 | 34.26% | 2.195% |
| 121 | 19.146 | 19.112 | 19.159 | HH | 26401 | 725372  | 20.30% | 1.300% |
| 122 | 19.188 | 19.159 | 19.197 | HH | 27021 | 610951  | 17.10% | 1.095% |
| 123 | 19.263 | 19.197 | 19.287 | HH | 30164 | 1531881 | 42.87% | 2.746% |
| 124 | 19.327 | 19.287 | 19.350 | HH | 29527 | 1095081 | 30.64% | 1.963% |
| 125 | 19.384 | 19.350 | 19.410 | HH | 31604 | 1085938 | 30.39% | 1.946% |

Sum of corrected areas: 55789259

Alaphatic EPH 080819.M Thu Aug 22 09:46:57 2019