

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD013019AL\  
 Data File : FD027535.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Jan 2019 22:09  
 Sample : K1282-01DL 5X  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010719.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         | 4.379       | 4.364        | 4.454      | VV       | 492            | 13066        | 1.73%          | 0.064%        |
| 2         | 5.158       | 5.112        | 5.191      | VV       | 595            | 12260        | 1.62%          | 0.060%        |
| 3         | 5.303       | 5.279        | 5.376      | VV       | 427            | 11950        | 1.58%          | 0.058%        |
| 4         | 5.595       | 5.562        | 5.630      | VV       | 670            | 11474        | 1.52%          | 0.056%        |
| 5         | 5.685       | 5.663        | 5.738      | VV       | 1598           | 23837        | 3.15%          | 0.116%        |
| 6         | 6.733       | 6.715        | 6.775      | VV       | 1904           | 22807        | 3.02%          | 0.111%        |
| 7         | 6.830       | 6.775        | 6.848      | VV       | 666            | 10569        | 1.40%          | 0.052%        |
| 8         | 6.865       | 6.848        | 6.898      | VV       | 984            | 12424        | 1.64%          | 0.061%        |
| 9         | 7.455       | 7.430        | 7.515      | VV       | 1081           | 31951        | 4.23%          | 0.156%        |
| 10        | 7.705       | 7.684        | 7.729      | VV       | 584            | 10843        | 1.43%          | 0.053%        |
| 11        | 7.821       | 7.765        | 7.837      | VV       | 1171           | 17748        | 2.35%          | 0.087%        |
| 12        | 7.968       | 7.941        | 7.989      | VV       | 2855           | 32910        | 4.35%          | 0.160%        |
| 13        | 7.998       | 7.989        | 8.038      | VV       | 700            | 12164        | 1.61%          | 0.059%        |
| 14        | 8.292       | 8.275        | 8.318      | VV       | 838            | 12426        | 1.64%          | 0.061%        |
| 15        | 8.348       | 8.318        | 8.370      | VV       | 697            | 11237        | 1.49%          | 0.055%        |
| 16        | 8.414       | 8.370        | 8.432      | VV       | 487            | 11209        | 1.48%          | 0.055%        |
| 17        | 8.737       | 8.719        | 8.818      | VV       | 936            | 17287        | 2.29%          | 0.084%        |
| 18        | 8.925       | 8.902        | 8.967      | VV       | 1359           | 21807        | 2.88%          | 0.106%        |
| 19        | 9.071       | 9.032        | 9.085      | VV       | 779            | 10259        | 1.36%          | 0.050%        |
| 20        | 9.278       | 9.244        | 9.358      | VV       | 591            | 18155        | 2.40%          | 0.089%        |
| 21        | 9.501       | 9.460        | 9.536      | VV       | 1013           | 21596        | 2.86%          | 0.105%        |
| 22        | 9.939       | 9.915        | 9.967      | VV       | 855            | 16517        | 2.18%          | 0.081%        |
| 23        | 9.983       | 9.967        | 10.013     | VV       | 702            | 10687        | 1.41%          | 0.052%        |
| 24        | 10.068      | 10.038       | 10.095     | VV       | 532            | 10118        | 1.34%          | 0.049%        |
| 25        | 10.115      | 10.095       | 10.141     | VV       | 738            | 11449        | 1.51%          | 0.056%        |
| 26        | 10.235      | 10.205       | 10.286     | VV       | 1617           | 36303        | 4.80%          | 0.177%        |
| 27        | 10.313      | 10.286       | 10.346     | VV       | 868            | 16675        | 2.21%          | 0.081%        |
| 28        | 10.456      | 10.414       | 10.505     | VV       | 8767           | 102309       | 13.53%         | 0.499%        |
| 29        | 10.531      | 10.505       | 10.618     | VV       | 2078           | 34874        | 4.61%          | 0.170%        |
| 30        | 10.753      | 10.726       | 10.791     | VV       | 787            | 18185        | 2.41%          | 0.089%        |
| 31        | 10.853      | 10.835       | 10.885     | VV       | 704            | 13146        | 1.74%          | 0.064%        |
| 32        | 10.938      | 10.918       | 10.958     | VV       | 997            | 14840        | 1.96%          | 0.072%        |
| 33        | 10.975      | 10.958       | 11.011     | VV       | 941            | 14329        | 1.90%          | 0.070%        |
| 34        | 11.063      | 11.011       | 11.078     | VV       | 651            | 11996        | 1.59%          | 0.058%        |
| 35        | 11.106      | 11.078       | 11.128     | VV       | 647            | 10142        | 1.34%          | 0.049%        |
| 36        | 11.232      | 11.170       | 11.269     | PV       | 34654          | 385937       | 51.05%         | 1.882%        |

|    |        |        |        |    | rteres |        |        |        |
|----|--------|--------|--------|----|--------|--------|--------|--------|
| 37 | 11.285 | 11.269 | 11.328 | VV | 3319   | 42663  | 5.64%  | 0.208% |
| 38 | 11.364 | 11.328 | 11.383 | VV | 1773   | 34749  | 4.60%  | 0.169% |
| 39 | 11.400 | 11.383 | 11.416 | VV | 2291   | 27410  | 3.63%  | 0.134% |
| 40 | 11.431 | 11.416 | 11.481 | VV | 2144   | 27260  | 3.61%  | 0.133% |
|    |        |        |        |    |        |        |        |        |
| 41 | 11.608 | 11.567 | 11.638 | VV | 1190   | 29824  | 3.94%  | 0.145% |
| 42 | 11.727 | 11.668 | 11.766 | VV | 1605   | 30249  | 4.00%  | 0.147% |
| 43 | 11.848 | 11.806 | 11.883 | VV | 2373   | 44911  | 5.94%  | 0.219% |
| 44 | 11.899 | 11.883 | 11.941 | VV | 607    | 16447  | 2.18%  | 0.080% |
| 45 | 11.969 | 11.941 | 11.981 | VV | 709    | 12418  | 1.64%  | 0.061% |
|    |        |        |        |    |        |        |        |        |
| 46 | 11.997 | 11.981 | 12.018 | VV | 643    | 11094  | 1.47%  | 0.054% |
| 47 | 12.041 | 12.018 | 12.078 | VV | 1466   | 30172  | 3.99%  | 0.147% |
| 48 | 12.116 | 12.078 | 12.124 | VV | 632    | 13322  | 1.76%  | 0.065% |
| 49 | 12.148 | 12.124 | 12.167 | VV | 2940   | 40878  | 5.41%  | 0.199% |
| 50 | 12.182 | 12.167 | 12.198 | VV | 1559   | 22553  | 2.98%  | 0.110% |
|    |        |        |        |    |        |        |        |        |
| 51 | 12.210 | 12.198 | 12.224 | VV | 1332   | 15307  | 2.02%  | 0.075% |
| 52 | 12.257 | 12.224 | 12.344 | VV | 15788  | 210037 | 27.78% | 1.024% |
| 53 | 12.392 | 12.344 | 12.411 | PV | 572    | 14437  | 1.91%  | 0.070% |
| 54 | 12.431 | 12.411 | 12.458 | VV | 1127   | 18232  | 2.41%  | 0.089% |
| 55 | 12.482 | 12.458 | 12.518 | VV | 1355   | 28542  | 3.78%  | 0.139% |
|    |        |        |        |    |        |        |        |        |
| 56 | 12.550 | 12.518 | 12.580 | VV | 14205  | 167096 | 22.10% | 0.815% |
| 57 | 12.610 | 12.580 | 12.627 | VV | 1313   | 21586  | 2.86%  | 0.105% |
| 58 | 12.676 | 12.627 | 12.710 | VV | 19831  | 259046 | 34.27% | 1.263% |
| 59 | 12.731 | 12.710 | 12.788 | VV | 925    | 24832  | 3.28%  | 0.121% |
| 60 | 12.847 | 12.788 | 12.874 | PV | 1413   | 36854  | 4.87%  | 0.180% |
|    |        |        |        |    |        |        |        |        |
| 61 | 12.892 | 12.874 | 12.931 | VV | 1002   | 16208  | 2.14%  | 0.079% |
| 62 | 12.952 | 12.931 | 12.967 | VV | 1037   | 13277  | 1.76%  | 0.065% |
| 63 | 12.984 | 12.967 | 12.994 | VV | 787    | 11226  | 1.48%  | 0.055% |
| 64 | 13.011 | 12.994 | 13.045 | VV | 1256   | 22473  | 2.97%  | 0.110% |
| 65 | 13.076 | 13.045 | 13.095 | VV | 711    | 13128  | 1.74%  | 0.064% |
|    |        |        |        |    |        |        |        |        |
| 66 | 13.140 | 13.095 | 13.175 | VV | 3503   | 69199  | 9.15%  | 0.337% |
| 67 | 13.249 | 13.175 | 13.267 | VV | 1805   | 40981  | 5.42%  | 0.200% |
| 68 | 13.284 | 13.267 | 13.309 | VV | 1972   | 30352  | 4.01%  | 0.148% |
| 69 | 13.327 | 13.309 | 13.349 | VV | 680    | 13686  | 1.81%  | 0.067% |
| 70 | 13.412 | 13.349 | 13.441 | VV | 2229   | 59825  | 7.91%  | 0.292% |
|    |        |        |        |    |        |        |        |        |
| 71 | 13.452 | 13.441 | 13.495 | VV | 1617   | 24923  | 3.30%  | 0.122% |
| 72 | 13.535 | 13.495 | 13.557 | VV | 546    | 12732  | 1.68%  | 0.062% |
| 73 | 13.646 | 13.628 | 13.660 | VV | 660    | 10281  | 1.36%  | 0.050% |
| 74 | 13.687 | 13.660 | 13.701 | VV | 755    | 13731  | 1.82%  | 0.067% |
| 75 | 13.834 | 13.791 | 13.852 | VV | 1920   | 38613  | 5.11%  | 0.188% |
|    |        |        |        |    |        |        |        |        |
| 76 | 13.869 | 13.852 | 13.917 | VV | 2554   | 46876  | 6.20%  | 0.229% |
| 77 | 13.976 | 13.917 | 14.011 | VV | 1497   | 53579  | 7.09%  | 0.261% |
| 78 | 14.044 | 14.011 | 14.088 | VV | 2242   | 55350  | 7.32%  | 0.270% |
| 79 | 14.107 | 14.088 | 14.132 | VV | 3237   | 46272  | 6.12%  | 0.226% |
| 80 | 14.172 | 14.132 | 14.216 | VV | 1942   | 53036  | 7.02%  | 0.259% |
|    |        |        |        |    |        |        |        |        |
| 81 | 14.230 | 14.216 | 14.243 | VV | 819    | 11606  | 1.54%  | 0.057% |
| 82 | 14.259 | 14.243 | 14.274 | VV | 835    | 13705  | 1.81%  | 0.067% |
| 83 | 14.289 | 14.274 | 14.327 | VV | 1145   | 23156  | 3.06%  | 0.113% |
| 84 | 14.366 | 14.327 | 14.381 | VV | 1342   | 27712  | 3.67%  | 0.135% |
| 85 | 14.416 | 14.381 | 14.436 | VV | 9529   | 136565 | 18.06% | 0.666% |
|    |        |        |        |    |        |        |        |        |
| 86 | 14.456 | 14.436 | 14.488 | VV | 10361  | 144486 | 19.11% | 0.705% |
| 87 | 14.511 | 14.488 | 14.550 | VV | 1837   | 55443  | 7.33%  | 0.270% |
| 88 | 14.576 | 14.550 | 14.608 | VV | 2746   | 61033  | 8.07%  | 0.298% |
| 89 | 14.623 | 14.608 | 14.639 | VV | 1821   | 27370  | 3.62%  | 0.133% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 14.662 | 14.639 | 14.691 | VV | 1793   | 41027  | 5.43%  | 0.200% |
| 91  | 14.723 | 14.691 | 14.766 | VV | 2438   | 68916  | 9.12%  | 0.336% |
| 92  | 14.778 | 14.766 | 14.821 | VV | 1420   | 36280  | 4.80%  | 0.177% |
| 93  | 14.832 | 14.821 | 14.842 | VV | 948    | 10921  | 1.44%  | 0.053% |
| 94  | 14.862 | 14.842 | 14.879 | VV | 1628   | 27850  | 3.68%  | 0.136% |
| 95  | 14.908 | 14.879 | 14.973 | VV | 2969   | 110502 | 14.62% | 0.539% |
| 96  | 14.989 | 14.973 | 15.021 | VV | 1342   | 35616  | 4.71%  | 0.174% |
| 97  | 15.046 | 15.021 | 15.066 | VV | 2422   | 47656  | 6.30%  | 0.232% |
| 98  | 15.088 | 15.066 | 15.109 | VV | 5753   | 84541  | 11.18% | 0.412% |
| 99  | 15.125 | 15.109 | 15.150 | VV | 2912   | 48720  | 6.44%  | 0.238% |
| 100 | 15.158 | 15.150 | 15.176 | VV | 1275   | 16741  | 2.21%  | 0.082% |
| 101 | 15.250 | 15.176 | 15.292 | VV | 2800   | 118140 | 15.63% | 0.576% |
| 102 | 15.335 | 15.292 | 15.348 | VV | 1619   | 45872  | 6.07%  | 0.224% |
| 103 | 15.358 | 15.348 | 15.388 | VV | 1540   | 32566  | 4.31%  | 0.159% |
| 104 | 15.414 | 15.388 | 15.435 | VV | 1824   | 41965  | 5.55%  | 0.205% |
| 105 | 15.453 | 15.435 | 15.468 | VV | 1661   | 28216  | 3.73%  | 0.138% |
| 106 | 15.505 | 15.468 | 15.521 | VV | 1589   | 47296  | 6.26%  | 0.231% |
| 107 | 15.540 | 15.521 | 15.575 | VV | 2328   | 52478  | 6.94%  | 0.256% |
| 108 | 15.592 | 15.575 | 15.641 | VV | 1514   | 51241  | 6.78%  | 0.250% |
| 109 | 15.695 | 15.641 | 15.709 | VV | 2646   | 78385  | 10.37% | 0.382% |
| 110 | 15.720 | 15.709 | 15.737 | VV | 2792   | 39470  | 5.22%  | 0.192% |
| 111 | 15.753 | 15.737 | 15.768 | VV | 2387   | 36878  | 4.88%  | 0.180% |
| 112 | 15.792 | 15.768 | 15.831 | VV | 2353   | 80235  | 10.61% | 0.391% |
| 113 | 15.887 | 15.831 | 15.919 | VV | 3049   | 123241 | 16.30% | 0.601% |
| 114 | 15.960 | 15.919 | 15.979 | VV | 12824  | 217435 | 28.76% | 1.060% |
| 115 | 15.987 | 15.979 | 16.060 | VV | 6136   | 166231 | 21.99% | 0.811% |
| 116 | 16.091 | 16.060 | 16.114 | VV | 4390   | 95298  | 12.61% | 0.465% |
| 117 | 16.131 | 16.114 | 16.184 | VV | 2633   | 103289 | 13.66% | 0.504% |
| 118 | 16.206 | 16.184 | 16.233 | VV | 2736   | 73604  | 9.74%  | 0.359% |
| 119 | 16.275 | 16.233 | 16.302 | VV | 10262  | 203798 | 26.96% | 0.994% |
| 120 | 16.333 | 16.302 | 16.374 | VV | 10967  | 219890 | 29.09% | 1.072% |
| 121 | 16.389 | 16.374 | 16.398 | VV | 3169   | 43618  | 5.77%  | 0.213% |
| 122 | 16.436 | 16.398 | 16.460 | VV | 5095   | 138621 | 18.34% | 0.676% |
| 123 | 16.484 | 16.460 | 16.509 | VV | 6275   | 132549 | 17.53% | 0.646% |
| 124 | 16.528 | 16.509 | 16.544 | VV | 4086   | 78216  | 10.35% | 0.381% |
| 125 | 16.587 | 16.544 | 16.605 | VV | 4056   | 137048 | 18.13% | 0.668% |
| 126 | 16.697 | 16.605 | 16.738 | VV | 5053   | 310894 | 41.12% | 1.516% |
| 127 | 16.768 | 16.738 | 16.784 | VV | 3862   | 99430  | 13.15% | 0.485% |
| 128 | 16.798 | 16.784 | 16.811 | VV | 3731   | 55570  | 7.35%  | 0.271% |
| 129 | 16.854 | 16.811 | 16.905 | VV | 5256   | 233696 | 30.91% | 1.140% |
| 130 | 16.932 | 16.905 | 16.970 | VV | 6566   | 187536 | 24.81% | 0.914% |
| 131 | 16.998 | 16.970 | 17.031 | VV | 4772   | 154331 | 20.41% | 0.753% |
| 132 | 17.038 | 17.031 | 17.070 | VV | 4108   | 89687  | 11.86% | 0.437% |
| 133 | 17.092 | 17.070 | 17.116 | VV | 4016   | 104221 | 13.79% | 0.508% |
| 134 | 17.135 | 17.116 | 17.160 | VV | 3766   | 94615  | 12.52% | 0.461% |
| 135 | 17.181 | 17.160 | 17.198 | VV | 4359   | 88472  | 11.70% | 0.431% |
| 136 | 17.217 | 17.198 | 17.238 | VV | 4044   | 95353  | 12.61% | 0.465% |
| 137 | 17.312 | 17.238 | 17.345 | VV | 4693   | 276702 | 36.60% | 1.349% |
| 138 | 17.366 | 17.345 | 17.403 | VV | 7468   | 190431 | 25.19% | 0.929% |
| 139 | 17.416 | 17.403 | 17.428 | VV | 4614   | 64718  | 8.56%  | 0.316% |
| 140 | 17.466 | 17.428 | 17.483 | VV | 6168   | 169356 | 22.40% | 0.826% |
| 141 | 17.497 | 17.483 | 17.528 | VV | 5748   | 139799 | 18.49% | 0.682% |

|     |        |        |        |    | rteres |        |         |        |
|-----|--------|--------|--------|----|--------|--------|---------|--------|
| 142 | 17.554 | 17.528 | 17.588 | VV | 4605   | 160410 | 21.22%  | 0.782% |
| 143 | 17.608 | 17.588 | 17.628 | VV | 5669   | 119179 | 15.76%  | 0.581% |
| 144 | 17.651 | 17.628 | 17.667 | VV | 5270   | 118784 | 15.71%  | 0.579% |
| 145 | 17.693 | 17.667 | 17.717 | VV | 9650   | 211405 | 27.96%  | 1.031% |
|     |        |        |        |    |        |        |         |        |
| 146 | 17.730 | 17.717 | 17.761 | VV | 6524   | 158593 | 20.98%  | 0.773% |
| 147 | 17.784 | 17.761 | 17.809 | VV | 7779   | 182669 | 24.16%  | 0.891% |
| 148 | 17.830 | 17.809 | 17.847 | VV | 7693   | 143166 | 18.94%  | 0.698% |
| 149 | 17.858 | 17.847 | 17.912 | VV | 6069   | 204645 | 27.07%  | 0.998% |
| 150 | 17.942 | 17.912 | 18.004 | VV | 9000   | 317446 | 41.99%  | 1.548% |
|     |        |        |        |    |        |        |         |        |
| 151 | 18.075 | 18.004 | 18.098 | VV | 6302   | 294932 | 39.01%  | 1.438% |
| 152 | 18.113 | 18.098 | 18.138 | VV | 4893   | 114720 | 15.17%  | 0.559% |
| 153 | 18.191 | 18.138 | 18.231 | VV | 7711   | 319188 | 42.22%  | 1.556% |
| 154 | 18.252 | 18.231 | 18.273 | VV | 6110   | 141656 | 18.74%  | 0.691% |
| 155 | 18.301 | 18.273 | 18.333 | VV | 5982   | 195386 | 25.84%  | 0.953% |
|     |        |        |        |    |        |        |         |        |
| 156 | 18.381 | 18.333 | 18.401 | VV | 6017   | 221954 | 29.36%  | 1.082% |
| 157 | 18.457 | 18.401 | 18.479 | VV | 6667   | 279253 | 36.94%  | 1.362% |
| 158 | 18.586 | 18.479 | 18.615 | VV | 12049  | 722421 | 95.56%  | 3.523% |
| 159 | 18.626 | 18.615 | 18.636 | VV | 10139  | 128421 | 16.99%  | 0.626% |
| 160 | 18.649 | 18.636 | 18.664 | VV | 10148  | 168857 | 22.34%  | 0.823% |
|     |        |        |        |    |        |        |         |        |
| 161 | 18.674 | 18.664 | 18.687 | VV | 10032  | 133118 | 17.61%  | 0.649% |
| 162 | 18.724 | 18.687 | 18.821 | VV | 10467  | 755997 | 100.00% | 3.686% |
| 163 | 18.833 | 18.821 | 18.854 | VV | 8155   | 151079 | 19.98%  | 0.737% |
| 164 | 18.866 | 18.854 | 18.892 | VV | 7406   | 155043 | 20.51%  | 0.756% |
| 165 | 18.913 | 18.892 | 18.928 | VV | 6618   | 143034 | 18.92%  | 0.697% |
|     |        |        |        |    |        |        |         |        |
| 166 | 18.967 | 18.928 | 19.016 | VV | 8217   | 387747 | 51.29%  | 1.891% |
| 167 | 19.038 | 19.016 | 19.060 | VV | 7547   | 193917 | 25.65%  | 0.946% |
| 168 | 19.097 | 19.060 | 19.130 | VV | 9731   | 357304 | 47.26%  | 1.742% |
| 169 | 19.162 | 19.130 | 19.200 | VV | 9667   | 368539 | 48.75%  | 1.797% |
| 170 | 19.215 | 19.200 | 19.228 | VV | 8426   | 137764 | 18.22%  | 0.672% |
|     |        |        |        |    |        |        |         |        |
| 171 | 19.256 | 19.228 | 19.266 | VV | 8854   | 192825 | 25.51%  | 0.940% |
| 172 | 19.280 | 19.266 | 19.322 | VV | 8981   | 285927 | 37.82%  | 1.394% |
| 173 | 19.345 | 19.322 | 19.368 | VV | 9148   | 242221 | 32.04%  | 1.181% |
| 174 | 19.375 | 19.368 | 19.401 | VV | 9061   | 173610 | 22.96%  | 0.847% |
| 175 | 19.409 | 19.401 | 19.415 | VV | 8722   | 69034  | 9.13%   | 0.337% |
|     |        |        |        |    |        |        |         |        |
| 176 | 19.470 | 19.415 | 19.499 | VV | 13318  | 547422 | 72.41%  | 2.669% |
| 177 | 19.537 | 19.499 | 19.582 | VV | 10833  | 505598 | 66.88%  | 2.465% |
| 178 | 19.610 | 19.582 | 19.647 | VV | 10477  | 391041 | 51.73%  | 1.907% |
| 179 | 19.701 | 19.647 | 19.714 | VV | 11153  | 427584 | 56.56%  | 2.085% |
| 180 | 19.723 | 19.714 | 19.738 | VV | 10988  | 156030 | 20.64%  | 0.761% |
|     |        |        |        |    |        |        |         |        |
| 181 | 19.760 | 19.738 | 19.785 | VV | 11080  | 303710 | 40.17%  | 1.481% |
| 182 | 19.808 | 19.785 | 19.831 | VV | 11097  | 300688 | 39.77%  | 1.466% |
| 183 | 19.875 | 19.831 | 19.883 | VV | 11305  | 339910 | 44.96%  | 1.657% |
| 184 | 19.946 | 19.883 | 19.957 | VV | 12825  | 519853 | 68.76%  | 2.535% |
| 185 | 19.966 | 19.957 | 20.013 | VV | 12649  | 414666 | 54.85%  | 2.022% |

Sum of corrected areas: 20508133

Alaphatic EPH 010719.M Fri Feb 01 09:13:36 2019