

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121718AL\  
 Data File : FD026949.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Dec 2018 15:50  
 Sample : J6403-61  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 121318.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         | 1.711       | 1.698        | 1.781      | PV       | 1530           | 11030        | 0.56%          | 0.081%        |
| 2         | 1.824       | 1.781        | 1.840      | VV       | 3548           | 26106        | 1.32%          | 0.192%        |
| 3         | 1.852       | 1.840        | 1.888      | VV       | 3852           | 31528        | 1.60%          | 0.232%        |
| 4         | 1.959       | 1.934        | 1.990      | VV       | 1737           | 16758        | 0.85%          | 0.123%        |
| 5         | 2.003       | 1.990        | 2.073      | VV       | 1515           | 18205        | 0.92%          | 0.134%        |
| 6         | 2.272       | 2.261        | 2.307      | VV       | 2666           | 40039        | 2.03%          | 0.294%        |
| 7         | 2.318       | 2.307        | 2.348      | VV       | 1055           | 15912        | 0.81%          | 0.117%        |
| 8         | 2.363       | 2.348        | 2.442      | VV       | 848            | 27102        | 1.37%          | 0.199%        |
| 9         | 2.539       | 2.461        | 2.548      | VV       | 547            | 23440        | 1.19%          | 0.172%        |
| 10        | 2.640       | 2.548        | 2.657      | VV       | 657            | 35750        | 1.81%          | 0.263%        |
| 11        | 2.667       | 2.657        | 2.698      | VV       | 667            | 14892        | 0.75%          | 0.109%        |
| 12        | 2.726       | 2.698        | 2.779      | VV       | 932            | 33554        | 1.70%          | 0.247%        |
| 13        | 2.799       | 2.779        | 2.818      | VV       | 909            | 17376        | 0.88%          | 0.128%        |
| 14        | 2.848       | 2.818        | 2.878      | VV       | 766            | 26250        | 1.33%          | 0.193%        |
| 15        | 2.888       | 2.878        | 2.954      | VV       | 777            | 31667        | 1.60%          | 0.233%        |
| 16        | 2.974       | 2.954        | 2.986      | VV       | 776            | 13410        | 0.68%          | 0.099%        |
| 17        | 3.011       | 2.986        | 3.041      | VV       | 979            | 27170        | 1.38%          | 0.200%        |
| 18        | 3.054       | 3.041        | 3.079      | VV       | 884            | 18365        | 0.93%          | 0.135%        |
| 19        | 3.092       | 3.079        | 3.155      | VV       | 880            | 36092        | 1.83%          | 0.265%        |
| 20        | 3.167       | 3.155        | 3.205      | VV       | 777            | 22275        | 1.13%          | 0.164%        |
| 21        | 3.225       | 3.205        | 3.258      | VV       | 860            | 24398        | 1.24%          | 0.179%        |
| 22        | 3.266       | 3.258        | 3.305      | VV       | 804            | 21815        | 1.10%          | 0.160%        |
| 23        | 3.387       | 3.305        | 3.447      | VV       | 963            | 70180        | 3.55%          | 0.516%        |
| 24        | 3.493       | 3.447        | 3.512      | VV       | 985            | 34695        | 1.76%          | 0.255%        |
| 25        | 3.533       | 3.512        | 3.561      | VV       | 922            | 26674        | 1.35%          | 0.196%        |
| 26        | 3.579       | 3.561        | 3.644      | VV       | 896            | 41557        | 2.10%          | 0.305%        |
| 27        | 3.660       | 3.644        | 3.718      | VV       | 840            | 36784        | 1.86%          | 0.270%        |
| 28        | 3.753       | 3.718        | 3.868      | VV       | 7840           | 138152       | 6.99%          | 1.015%        |
| 29        | 3.890       | 3.868        | 3.988      | VV       | 1035           | 67511        | 3.42%          | 0.496%        |
| 30        | 3.997       | 3.988        | 4.025      | VV       | 886            | 19587        | 0.99%          | 0.144%        |
| 31        | 4.034       | 4.025        | 4.121      | VV       | 928            | 50643        | 2.56%          | 0.372%        |
| 32        | 4.156       | 4.121        | 4.231      | VV       | 890            | 55982        | 2.83%          | 0.411%        |
| 33        | 4.258       | 4.231        | 4.283      | VV       | 903            | 26209        | 1.33%          | 0.193%        |
| 34        | 4.306       | 4.283        | 4.335      | VV       | 1322           | 29307        | 1.48%          | 0.215%        |
| 35        | 4.351       | 4.335        | 4.395      | VV       | 978            | 29945        | 1.52%          | 0.220%        |
| 36        | 4.411       | 4.395        | 4.478      | VV       | 810            | 35565        | 1.80%          | 0.261%        |

| rteres.txt |        |        |        |    |        |         |         |         |
|------------|--------|--------|--------|----|--------|---------|---------|---------|
| 37         | 4.499  | 4.478  | 4.567  | VV | 789    | 37848   | 1.92%   | 0.278%  |
| 38         | 4.584  | 4.567  | 4.701  | VV | 724    | 51894   | 2.63%   | 0.381%  |
| 39         | 4.742  | 4.701  | 4.758  | VV | 766    | 22628   | 1.15%   | 0.166%  |
| 40         | 4.777  | 4.758  | 4.811  | VV | 752    | 21127   | 1.07%   | 0.155%  |
| 41         | 4.827  | 4.811  | 4.868  | VV | 675    | 21268   | 1.08%   | 0.156%  |
| 42         | 4.889  | 4.868  | 4.984  | VV | 669    | 42367   | 2.14%   | 0.311%  |
| 43         | 5.006  | 4.984  | 5.077  | VV | 694    | 32716   | 1.66%   | 0.240%  |
| 44         | 5.117  | 5.077  | 5.171  | VV | 584    | 28692   | 1.45%   | 0.211%  |
| 45         | 5.185  | 5.171  | 5.208  | VV | 606    | 11737   | 0.59%   | 0.086%  |
| 46         | 5.222  | 5.208  | 5.267  | VV | 592    | 18278   | 0.93%   | 0.134%  |
| 47         | 5.283  | 5.267  | 5.325  | VV | 561    | 16884   | 0.85%   | 0.124%  |
| 48         | 5.357  | 5.325  | 5.390  | VV | 547    | 17764   | 0.90%   | 0.131%  |
| 49         | 5.431  | 5.390  | 5.455  | VV | 539    | 17857   | 0.90%   | 0.131%  |
| 50         | 5.469  | 5.455  | 5.511  | VV | 482    | 15331   | 0.78%   | 0.113%  |
| 51         | 5.532  | 5.511  | 5.565  | VV | 477    | 13493   | 0.68%   | 0.099%  |
| 52         | 5.593  | 5.565  | 5.625  | VV | 472    | 14656   | 0.74%   | 0.108%  |
| 53         | 5.712  | 5.695  | 5.745  | VV | 1519   | 22515   | 1.14%   | 0.165%  |
| 54         | 5.825  | 5.745  | 5.878  | VV | 530    | 34054   | 1.72%   | 0.250%  |
| 55         | 5.894  | 5.878  | 5.988  | VV | 828    | 26308   | 1.33%   | 0.193%  |
| 56         | 6.009  | 5.988  | 6.083  | VV | 412    | 16835   | 0.85%   | 0.124%  |
| 57         | 6.159  | 6.138  | 6.228  | VV | 316    | 12283   | 0.62%   | 0.090%  |
| 58         | 6.282  | 6.228  | 6.335  | VV | 566    | 16892   | 0.86%   | 0.124%  |
| 59         | 6.469  | 6.398  | 6.501  | VV | 289    | 12639   | 0.64%   | 0.093%  |
| 60         | 6.683  | 6.608  | 6.748  | VV | 343    | 21326   | 1.08%   | 0.157%  |
| 61         | 6.763  | 6.748  | 6.801  | VV | 498    | 10192   | 0.52%   | 0.075%  |
| 62         | 6.895  | 6.878  | 6.985  | VV | 316    | 11920   | 0.60%   | 0.088%  |
| 63         | 7.078  | 6.985  | 7.111  | VV | 273    | 13064   | 0.66%   | 0.096%  |
| 64         | 7.486  | 7.441  | 7.608  | VV | 1043   | 51099   | 2.59%   | 0.375%  |
| 65         | 7.642  | 7.608  | 7.718  | VV | 205    | 10693   | 0.54%   | 0.079%  |
| 66         | 7.908  | 7.888  | 7.971  | VV | 465    | 10537   | 0.53%   | 0.077%  |
| 67         | 7.998  | 7.971  | 8.065  | VV | 6904   | 92944   | 4.71%   | 0.683%  |
| 68         | 8.324  | 8.308  | 8.358  | VV | 675    | 10029   | 0.51%   | 0.074%  |
| 69         | 8.414  | 8.396  | 8.505  | VV | 368    | 12273   | 0.62%   | 0.090%  |
| 70         | 8.668  | 8.623  | 8.712  | VV | 400    | 11127   | 0.56%   | 0.082%  |
| 71         | 8.765  | 8.712  | 8.810  | PV | 468    | 11494   | 0.58%   | 0.084%  |
| 72         | 8.958  | 8.905  | 8.998  | VV | 1700   | 35303   | 1.79%   | 0.259%  |
| 73         | 9.105  | 9.080  | 9.168  | VV | 533    | 12279   | 0.62%   | 0.090%  |
| 74         | 9.537  | 9.505  | 9.568  | VV | 672    | 11709   | 0.59%   | 0.086%  |
| 75         | 9.977  | 9.835  | 9.999  | PV | 518    | 17935   | 0.91%   | 0.132%  |
| 76         | 10.150 | 10.131 | 10.181 | VV | 602    | 10122   | 0.51%   | 0.074%  |
| 77         | 10.223 | 10.181 | 10.245 | VV | 762    | 14024   | 0.71%   | 0.103%  |
| 78         | 10.267 | 10.245 | 10.325 | VV | 1209   | 27637   | 1.40%   | 0.203%  |
| 79         | 10.348 | 10.325 | 10.434 | VV | 612    | 16145   | 0.82%   | 0.119%  |
| 80         | 10.491 | 10.434 | 10.541 | VV | 6472   | 75646   | 3.83%   | 0.556%  |
| 81         | 10.567 | 10.541 | 10.627 | PV | 1758   | 27770   | 1.41%   | 0.204%  |
| 82         | 10.790 | 10.765 | 10.835 | VV | 612    | 12097   | 0.61%   | 0.089%  |
| 83         | 10.975 | 10.921 | 11.118 | VV | 818    | 30790   | 1.56%   | 0.226%  |
| 84         | 11.270 | 11.226 | 11.354 | PV | 185935 | 1975284 | 100.00% | 14.512% |
| 85         | 11.396 | 11.354 | 11.419 | VV | 1536   | 31912   | 1.62%   | 0.234%  |
| 86         | 11.468 | 11.419 | 11.507 | VV | 2047   | 47732   | 2.42%   | 0.351%  |
| 87         | 11.644 | 11.568 | 11.668 | VV | 1233   | 27561   | 1.40%   | 0.202%  |
| 88         | 11.766 | 11.741 | 11.808 | VV | 879    | 15086   | 0.76%   | 0.111%  |
| 89         | 12.035 | 11.973 | 12.058 | VV | 541    | 16627   | 0.84%   | 0.122%  |

|     |        |        |        |    |            |         |        |         |
|-----|--------|--------|--------|----|------------|---------|--------|---------|
|     |        |        |        |    | rteres.txt |         |        |         |
| 90  | 12.080 | 12.058 | 12.116 | VV | 1045       | 21071   | 1.07%  | 0.155%  |
| 91  | 12.186 | 12.158 | 12.261 | VV | 3001       | 70731   | 3.58%  | 0.520%  |
| 92  | 12.296 | 12.261 | 12.378 | VV | 11146      | 144949  | 7.34%  | 1.065%  |
| 93  | 12.432 | 12.378 | 12.453 | VV | 1198       | 23812   | 1.21%  | 0.175%  |
| 94  | 12.480 | 12.453 | 12.498 | VV | 817        | 15391   | 0.78%  | 0.113%  |
| 95  | 12.533 | 12.498 | 12.559 | VV | 679        | 20821   | 1.05%  | 0.153%  |
| 96  | 12.590 | 12.559 | 12.621 | VV | 10854      | 123371  | 6.25%  | 0.906%  |
| 97  | 12.717 | 12.621 | 12.841 | VV | 125738     | 1537773 | 77.85% | 11.297% |
| 98  | 12.888 | 12.841 | 12.912 | VV | 1540       | 30135   | 1.53%  | 0.221%  |
| 99  | 12.932 | 12.912 | 12.967 | VV | 1160       | 17571   | 0.89%  | 0.129%  |
| 100 | 12.995 | 12.967 | 13.011 | PV | 808        | 11895   | 0.60%  | 0.087%  |
| 101 | 13.051 | 13.011 | 13.125 | VV | 1201       | 41037   | 2.08%  | 0.301%  |
| 102 | 13.181 | 13.125 | 13.225 | VV | 2638       | 54359   | 2.75%  | 0.399%  |
| 103 | 13.292 | 13.271 | 13.307 | VV | 1557       | 21560   | 1.09%  | 0.158%  |
| 104 | 13.325 | 13.307 | 13.381 | VV | 2309       | 37510   | 1.90%  | 0.276%  |
| 105 | 13.456 | 13.381 | 13.541 | VV | 2266       | 89479   | 4.53%  | 0.657%  |
| 106 | 13.663 | 13.595 | 13.745 | PV | 280        | 13471   | 0.68%  | 0.099%  |
| 107 | 13.910 | 13.788 | 13.948 | VV | 1699       | 59270   | 3.00%  | 0.435%  |
| 108 | 14.029 | 13.948 | 14.058 | VV | 2587       | 56809   | 2.88%  | 0.417%  |
| 109 | 14.082 | 14.058 | 14.128 | VV | 1710       | 39718   | 2.01%  | 0.292%  |
| 110 | 14.150 | 14.128 | 14.173 | VV | 2422       | 31595   | 1.60%  | 0.232%  |
| 111 | 14.212 | 14.173 | 14.258 | VV | 1175       | 32161   | 1.63%  | 0.236%  |
| 112 | 14.328 | 14.292 | 14.378 | VV | 478        | 15049   | 0.76%  | 0.111%  |
| 113 | 14.410 | 14.378 | 14.430 | VV | 1063       | 13146   | 0.67%  | 0.097%  |
| 114 | 14.460 | 14.430 | 14.479 | VV | 5716       | 72829   | 3.69%  | 0.535%  |
| 115 | 14.499 | 14.479 | 14.541 | VV | 6620       | 88484   | 4.48%  | 0.650%  |
| 116 | 14.568 | 14.541 | 14.593 | VV | 2326       | 35382   | 1.79%  | 0.260%  |
| 117 | 14.618 | 14.593 | 14.685 | VV | 1855       | 47649   | 2.41%  | 0.350%  |
| 118 | 14.704 | 14.685 | 14.736 | VV | 612        | 11056   | 0.56%  | 0.081%  |
| 119 | 14.770 | 14.736 | 14.858 | PV | 1096       | 34114   | 1.73%  | 0.251%  |
| 120 | 14.942 | 14.858 | 15.024 | VV | 5947       | 126024  | 6.38%  | 0.926%  |
| 121 | 15.088 | 15.024 | 15.111 | VV | 4113       | 72147   | 3.65%  | 0.530%  |
| 122 | 15.132 | 15.111 | 15.221 | VV | 3764       | 82774   | 4.19%  | 0.608%  |
| 123 | 15.296 | 15.221 | 15.335 | VV | 1465       | 51399   | 2.60%  | 0.378%  |
| 124 | 15.382 | 15.335 | 15.432 | VV | 604        | 20703   | 1.05%  | 0.152%  |
| 125 | 15.460 | 15.432 | 15.535 | VV | 787        | 24565   | 1.24%  | 0.180%  |
| 126 | 15.585 | 15.535 | 15.616 | VV | 3700       | 56936   | 2.88%  | 0.418%  |
| 127 | 15.736 | 15.688 | 15.784 | VV | 1112       | 30179   | 1.53%  | 0.222%  |
| 128 | 15.837 | 15.784 | 15.859 | VV | 658        | 23666   | 1.20%  | 0.174%  |
| 129 | 15.948 | 15.859 | 15.978 | VV | 2260       | 73808   | 3.74%  | 0.542%  |
| 130 | 16.006 | 15.978 | 16.048 | VV | 6640       | 130740  | 6.62%  | 0.960%  |
| 131 | 16.066 | 16.048 | 16.098 | VV | 5953       | 82848   | 4.19%  | 0.609%  |
| 132 | 16.135 | 16.098 | 16.168 | VV | 2089       | 40912   | 2.07%  | 0.301%  |
| 133 | 16.187 | 16.168 | 16.238 | VV | 889        | 20430   | 1.03%  | 0.150%  |
| 134 | 16.322 | 16.273 | 16.351 | VV | 5532       | 82646   | 4.18%  | 0.607%  |
| 135 | 16.379 | 16.351 | 16.408 | VV | 5564       | 75635   | 3.83%  | 0.556%  |
| 136 | 16.438 | 16.408 | 16.461 | VV | 784        | 22206   | 1.12%  | 0.163%  |
| 137 | 16.483 | 16.461 | 16.505 | VV | 1853       | 30020   | 1.52%  | 0.221%  |
| 138 | 16.532 | 16.505 | 16.558 | VV | 5998       | 87024   | 4.41%  | 0.639%  |
| 139 | 16.575 | 16.558 | 16.675 | VV | 1666       | 68796   | 3.48%  | 0.505%  |
| 140 | 16.691 | 16.675 | 16.711 | VV | 728        | 12730   | 0.64%  | 0.094%  |
| 141 | 16.753 | 16.711 | 16.791 | VV | 1406       | 45622   | 2.31%  | 0.335%  |

|     |        |        |        |    |                         |        |          |        |
|-----|--------|--------|--------|----|-------------------------|--------|----------|--------|
|     |        |        |        |    | rteres.txt              |        |          |        |
| 142 | 16.891 | 16.791 | 16.937 | VV | 2241                    | 95544  | 4.84%    | 0.702% |
| 143 | 16.979 | 16.937 | 17.011 | VV | 7486                    | 129415 | 6.55%    | 0.951% |
| 144 | 17.036 | 17.011 | 17.067 | VV | 1361                    | 36891  | 1.87%    | 0.271% |
| 145 | 17.085 | 17.067 | 17.166 | VV | 1354                    | 49857  | 2.52%    | 0.366% |
| 146 | 17.184 | 17.166 | 17.208 | VV | 771                     | 16567  | 0.84%    | 0.122% |
| 147 | 17.255 | 17.208 | 17.285 | VV | 1039                    | 35516  | 1.80%    | 0.261% |
| 148 | 17.365 | 17.285 | 17.385 | VV | 1239                    | 60080  | 3.04%    | 0.441% |
| 149 | 17.415 | 17.385 | 17.454 | VV | 6809                    | 120808 | 6.12%    | 0.888% |
| 150 | 17.501 | 17.454 | 17.575 | VV | 2609                    | 110600 | 5.60%    | 0.813% |
| 151 | 17.603 | 17.575 | 17.626 | VV | 1376                    | 36014  | 1.82%    | 0.265% |
| 152 | 17.654 | 17.626 | 17.673 | VV | 1751                    | 37879  | 1.92%    | 0.278% |
| 153 | 17.764 | 17.673 | 17.807 | VV | 4829                    | 211326 | 10.70%   | 1.553% |
| 154 | 17.835 | 17.807 | 17.865 | VV | 7677                    | 135825 | 6.88%    | 0.998% |
| 155 | 17.917 | 17.865 | 17.963 | VV | 3584                    | 135767 | 6.87%    | 0.997% |
| 156 | 17.990 | 17.963 | 18.058 | VV | 4730                    | 110970 | 5.62%    | 0.815% |
| 157 | 18.120 | 18.058 | 18.158 | VV | 2232                    | 98028  | 4.96%    | 0.720% |
| 158 | 18.191 | 18.158 | 18.207 | VV | 1526                    | 41557  | 2.10%    | 0.305% |
| 159 | 18.244 | 18.207 | 18.292 | VV | 5992                    | 142793 | 7.23%    | 1.049% |
| 160 | 18.339 | 18.292 | 18.391 | VV | 4918                    | 149760 | 7.58%    | 1.100% |
| 161 | 18.433 | 18.391 | 18.454 | VV | 2019                    | 67591  | 3.42%    | 0.497% |
| 162 | 18.507 | 18.454 | 18.529 | VV | 2276                    | 87304  | 4.42%    | 0.641% |
| 163 | 18.589 | 18.529 | 18.621 | VV | 4971                    | 203758 | 10.32%   | 1.497% |
| 164 | 18.640 | 18.621 | 18.711 | VV | 5365                    | 185838 | 9.41%    | 1.365% |
| 165 | 18.738 | 18.711 | 18.765 | VV | 2861                    | 78120  | 3.95%    | 0.574% |
| 166 | 18.823 | 18.765 | 18.865 | VV | 3740                    | 154553 | 7.82%    | 1.135% |
| 167 | 18.893 | 18.865 | 18.926 | VV | 2455                    | 85612  | 4.33%    | 0.629% |
| 168 | 19.023 | 18.926 | 19.108 | VV | 5200                    | 332486 | 16.83%   | 2.443% |
| 169 | 19.141 | 19.108 | 19.181 | VV | 4028                    | 151991 | 7.69%    | 1.117% |
| 170 | 19.215 | 19.181 | 19.245 | VV | 3726                    | 122825 | 6.22%    | 0.902% |
| 171 | 19.272 | 19.245 | 19.298 | VV | 3489                    | 104372 | 5.28%    | 0.767% |
| 172 | 19.328 | 19.298 | 19.375 | VV | 3869                    | 166277 | 8.42%    | 1.222% |
| 173 | 19.397 | 19.375 | 19.464 | VV | 4914                    | 217894 | 11.03%   | 1.601% |
| 174 | 19.521 | 19.464 | 19.559 | VV | 5195                    | 239344 | 12.12%   | 1.758% |
| 175 | 19.626 | 19.559 | 19.708 | VV | 5366                    | 399987 | 20.25%   | 2.939% |
| 176 | 19.761 | 19.708 | 19.795 | VV | 5849                    | 247797 | 12.54%   | 1.820% |
| 177 | 19.822 | 19.795 | 19.855 | VV | 5149                    | 174388 | 8.83%    | 1.281% |
| 178 | 19.899 | 19.855 | 19.961 | VV | 8955                    | 368079 | 18.63%   | 2.704% |
|     |        |        |        |    | Sum of corrected areas: |        | 13611767 |        |

Alaphatic EPH 121318.M Tue Dec 18 08:38:32 2018