

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111524AL\  
 Data File : FE051283.D  
 Signal(s) : FID1B.ch  
 Acq On : 16 Nov 2024 02:53  
 Sample : P4870-04  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110724.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.229       | 3.214        | 3.292      | PH       | 870            | 17408        | 0.23%          | 0.054%        |
| 2         | 3.301       | 3.292        | 3.335      | VV       | 175            | 3365         | 0.05%          | 0.010%        |
| 3         | 3.377       | 3.335        | 3.400      | VV       | 540            | 14377        | 0.19%          | 0.045%        |
| 4         | 3.425       | 3.400        | 3.494      | VV       | 29121          | 299858       | 4.03%          | 0.933%        |
| 5         | 3.544       | 3.494        | 3.604      | VV       | 323            | 12283        | 0.17%          | 0.038%        |
| 6         | 3.639       | 3.604        | 3.659      | VV       | 996            | 12941        | 0.17%          | 0.040%        |
| 7         | 3.683       | 3.659        | 3.697      | VV       | 1170           | 16089        | 0.22%          | 0.050%        |
| 8         | 3.718       | 3.697        | 3.813      | VV       | 20076          | 244400       | 3.28%          | 0.760%        |
| 9         | 3.837       | 3.813        | 3.890      | VV       | 12363          | 157170       | 2.11%          | 0.489%        |
| 10        | 3.914       | 3.890        | 4.001      | VBA      | 73917          | 757240       | 10.17%         | 2.356%        |
| 11        | 4.124       | 4.081        | 4.164      | BV       | 26             | 473          | 0.01%          | 0.001%        |
| 12        | 4.173       | 4.164        | 4.182      | PV       | 102            | 587          | 0.01%          | 0.002%        |
| 13        | 4.228       | 4.182        | 4.251      | PV       | 3259           | 49224        | 0.66%          | 0.153%        |
| 14        | 4.266       | 4.251        | 4.339      | VV       | 2248           | 38938        | 0.52%          | 0.121%        |
| 15        | 4.360       | 4.339        | 4.411      | VV       | 1075           | 16614        | 0.22%          | 0.052%        |
| 16        | 4.421       | 4.411        | 4.463      | VV       | 169            | 3664         | 0.05%          | 0.011%        |
| 17        | 4.486       | 4.463        | 4.584      | VV       | 303            | 7562         | 0.10%          | 0.024%        |
| 18        | 4.608       | 4.584        | 4.637      | PV       | 234            | 3447         | 0.05%          | 0.011%        |
| 19        | 4.664       | 4.637        | 4.694      | VV       | 499            | 8435         | 0.11%          | 0.026%        |
| 20        | 4.700       | 4.694        | 4.753      | VV       | 160            | 3389         | 0.05%          | 0.011%        |
| 21        | 4.766       | 4.753        | 4.773      | PV       | 202            | 1600         | 0.02%          | 0.005%        |
| 22        | 4.795       | 4.773        | 4.862      | VV       | 219            | 6738         | 0.09%          | 0.021%        |
| 23        | 4.881       | 4.862        | 4.934      | VV       | 128            | 3759         | 0.05%          | 0.012%        |
| 24        | 4.948       | 4.934        | 5.021      | VV       | 171            | 5117         | 0.07%          | 0.016%        |
| 25        | 5.041       | 5.021        | 5.050      | VV       | 89             | 1255         | 0.02%          | 0.004%        |
| 26        | 5.070       | 5.050        | 5.086      | VV       | 187            | 2440         | 0.03%          | 0.008%        |
| 27        | 5.096       | 5.086        | 5.134      | PV       | 115            | 2073         | 0.03%          | 0.006%        |
| 28        | 5.159       | 5.134        | 5.205      | VV       | 226            | 5593         | 0.08%          | 0.017%        |
| 29        | 5.221       | 5.205        | 5.281      | VV       | 181            | 4035         | 0.05%          | 0.013%        |
| 30        | 5.291       | 5.281        | 5.338      | VV       | 110            | 2716         | 0.04%          | 0.008%        |
| 31        | 5.349       | 5.338        | 5.368      | VV       | 138            | 1507         | 0.02%          | 0.005%        |
| 32        | 5.370       | 5.368        | 5.384      | VV       | 101            | 748          | 0.01%          | 0.002%        |
| 33        | 5.395       | 5.384        | 5.410      | VV       | 99             | 1158         | 0.02%          | 0.004%        |
| 34        | 5.468       | 5.410        | 5.568      | PV       | 277            | 10231        | 0.14%          | 0.032%        |
| 35        | 5.577       | 5.568        | 5.595      | VV       | 94             | 704          | 0.01%          | 0.002%        |
| 36        | 5.624       | 5.595        | 5.651      | VV       | 284            | 4241         | 0.06%          | 0.013%        |

|    |        |        |        |     |        |        |       |        |
|----|--------|--------|--------|-----|--------|--------|-------|--------|
|    |        |        |        |     | rteres |        |       |        |
| 37 | 5.656  | 5.651  | 5.736  | VV  | 66     | 3363   | 0.05% | 0.010% |
| 38 | 5.820  | 5.736  | 5.864  | VV  | 176    | 6748   | 0.09% | 0.021% |
| 39 | 5.918  | 5.864  | 5.943  | VV  | 209    | 5704   | 0.08% | 0.018% |
| 40 | 5.979  | 5.943  | 5.991  | VV  | 107    | 2318   | 0.03% | 0.007% |
| 41 | 6.000  | 5.991  | 6.049  | VV  | 146    | 3063   | 0.04% | 0.010% |
| 42 | 6.063  | 6.049  | 6.123  | VV  | 124    | 1836   | 0.02% | 0.006% |
| 43 | 6.157  | 6.123  | 6.181  | VV  | 103    | 1398   | 0.02% | 0.004% |
| 44 | 6.246  | 6.181  | 6.284  | PV  | 272    | 11777  | 0.16% | 0.037% |
| 45 | 6.294  | 6.284  | 6.302  | VV  | 217    | 2126   | 0.03% | 0.007% |
| 46 | 6.311  | 6.302  | 6.322  | VV  | 238    | 2163   | 0.03% | 0.007% |
| 47 | 6.366  | 6.322  | 6.410  | VV  | 640    | 14478  | 0.19% | 0.045% |
| 48 | 6.431  | 6.410  | 6.504  | VV  | 261    | 10285  | 0.14% | 0.032% |
| 49 | 6.547  | 6.504  | 6.562  | VV  | 299    | 7582   | 0.10% | 0.024% |
| 50 | 6.571  | 6.562  | 6.579  | VV  | 184    | 1554   | 0.02% | 0.005% |
| 51 | 6.591  | 6.579  | 6.623  | VV  | 262    | 3870   | 0.05% | 0.012% |
| 52 | 6.654  | 6.623  | 6.701  | VBA | 440    | 4481   | 0.06% | 0.014% |
| 53 | 6.757  | 6.701  | 6.782  | BV  | 132    | 911    | 0.01% | 0.003% |
| 54 | 6.803  | 6.782  | 6.844  | PV  | 98     | 1816   | 0.02% | 0.006% |
| 55 | 6.851  | 6.844  | 6.860  | VV  | 92     | 670    | 0.01% | 0.002% |
| 56 | 6.875  | 6.860  | 6.898  | PV  | 124    | 2153   | 0.03% | 0.007% |
| 57 | 6.906  | 6.898  | 6.927  | VV  | 105    | 1501   | 0.02% | 0.005% |
| 58 | 6.942  | 6.927  | 7.032  | PV  | 155    | 5835   | 0.08% | 0.018% |
| 59 | 7.053  | 7.032  | 7.144  | PV  | 98     | 4260   | 0.06% | 0.013% |
| 60 | 7.160  | 7.144  | 7.188  | VV  | 76     | 1673   | 0.02% | 0.005% |
| 61 | 7.227  | 7.188  | 7.308  | VV  | 181    | 8011   | 0.11% | 0.025% |
| 62 | 7.371  | 7.308  | 7.438  | VV  | 358    | 12603  | 0.17% | 0.039% |
| 63 | 7.491  | 7.438  | 7.530  | VV  | 234    | 9170   | 0.12% | 0.029% |
| 64 | 7.548  | 7.530  | 7.581  | VV  | 278    | 6578   | 0.09% | 0.020% |
| 65 | 7.599  | 7.581  | 7.695  | VV  | 474    | 13226  | 0.18% | 0.041% |
| 66 | 7.718  | 7.695  | 7.741  | PV  | 78     | 1751   | 0.02% | 0.005% |
| 67 | 7.768  | 7.741  | 7.834  | VV  | 92     | 2486   | 0.03% | 0.008% |
| 68 | 8.389  | 8.321  | 8.451  | VV  | 1181   | 66851  | 0.90% | 0.208% |
| 69 | 8.479  | 8.451  | 8.607  | VV  | 1423   | 57979  | 0.78% | 0.180% |
| 70 | 8.627  | 8.607  | 8.698  | VV  | 406    | 17097  | 0.23% | 0.053% |
| 71 | 8.723  | 8.698  | 8.760  | VV  | 264    | 6975   | 0.09% | 0.022% |
| 72 | 8.968  | 8.944  | 9.196  | VV  | 5835   | 401915 | 5.40% | 1.250% |
| 73 | 9.221  | 9.196  | 9.281  | VV  | 1410   | 58366  | 0.78% | 0.182% |
| 74 | 9.305  | 9.281  | 9.474  | VV  | 1608   | 86861  | 1.17% | 0.270% |
| 75 | 9.493  | 9.474  | 9.568  | VV  | 593    | 21763  | 0.29% | 0.068% |
| 76 | 9.628  | 9.568  | 9.640  | VV  | 294    | 11199  | 0.15% | 0.035% |
| 77 | 9.684  | 9.640  | 9.736  | VV  | 432    | 18989  | 0.26% | 0.059% |
| 78 | 9.754  | 9.736  | 9.901  | VV  | 423    | 21917  | 0.29% | 0.068% |
| 79 | 9.923  | 9.901  | 9.951  | VV  | 279    | 5238   | 0.07% | 0.016% |
| 80 | 9.982  | 9.951  | 10.298 | VV  | 12446  | 414439 | 5.57% | 1.289% |
| 81 | 10.305 | 10.298 | 10.398 | VV  | 298    | 12700  | 0.17% | 0.040% |
| 82 | 10.470 | 10.398 | 10.511 | VV  | 530    | 23747  | 0.32% | 0.074% |
| 83 | 10.544 | 10.511 | 10.654 | VV  | 1439   | 57883  | 0.78% | 0.180% |
| 84 | 10.748 | 10.654 | 10.774 | VV  | 553    | 23513  | 0.32% | 0.073% |
| 85 | 10.822 | 10.774 | 10.868 | VV  | 981    | 25233  | 0.34% | 0.078% |
| 86 | 10.891 | 10.868 | 10.913 | VV  | 359    | 7654   | 0.10% | 0.024% |
| 87 | 10.936 | 10.913 | 10.998 | VV  | 315    | 9693   | 0.13% | 0.030% |
| 88 | 11.041 | 10.998 | 11.104 | PV  | 360    | 9666   | 0.13% | 0.030% |
| 89 | 11.142 | 11.104 | 11.184 | VV  | 451    | 15130  | 0.20% | 0.047% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 90  | 11.228 | 11.184 | 11.394 | VV | 2227   | 57407   | 0.77%   | 0.179%  |
| 91  | 11.458 | 11.394 | 11.491 | PV | 1957   | 29065   | 0.39%   | 0.090%  |
| 92  | 11.526 | 11.491 | 11.591 | VV | 2738   | 45138   | 0.61%   | 0.140%  |
| 93  | 11.618 | 11.591 | 11.654 | VV | 647    | 12588   | 0.17%   | 0.039%  |
| 94  | 11.721 | 11.654 | 11.744 | VV | 284    | 7236    | 0.10%   | 0.023%  |
| 95  | 11.757 | 11.744 | 11.777 | VV | 174    | 1861    | 0.02%   | 0.006%  |
| 96  | 11.847 | 11.777 | 12.104 | PV | 665206 | 7443736 | 100.00% | 23.157% |
| 97  | 12.130 | 12.104 | 12.150 | VV | 493    | 8551    | 0.11%   | 0.027%  |
| 98  | 12.193 | 12.150 | 12.271 | VV | 983    | 23681   | 0.32%   | 0.074%  |
| 99  | 12.329 | 12.271 | 12.364 | VV | 431    | 16258   | 0.22%   | 0.051%  |
| 100 | 12.393 | 12.364 | 12.418 | VV | 561    | 13324   | 0.18%   | 0.041%  |
| 101 | 12.453 | 12.418 | 12.541 | VV | 48009  | 712143  | 9.57%   | 2.215%  |
| 102 | 12.563 | 12.541 | 12.628 | VV | 2255   | 73299   | 0.98%   | 0.228%  |
| 103 | 12.644 | 12.628 | 12.730 | VV | 1064   | 40373   | 0.54%   | 0.126%  |
| 104 | 12.770 | 12.730 | 12.798 | VV | 699    | 21587   | 0.29%   | 0.067%  |
| 105 | 12.832 | 12.798 | 12.873 | VV | 1426   | 30791   | 0.41%   | 0.096%  |
| 106 | 12.908 | 12.873 | 12.931 | VV | 613    | 16879   | 0.23%   | 0.053%  |
| 107 | 12.946 | 12.931 | 13.057 | VV | 783    | 20179   | 0.27%   | 0.063%  |
| 108 | 13.098 | 13.057 | 13.206 | PV | 537    | 26281   | 0.35%   | 0.082%  |
| 109 | 13.280 | 13.206 | 13.428 | VV | 491163 | 5848650 | 78.57%  | 18.195% |
| 110 | 13.442 | 13.428 | 13.470 | VV | 1341   | 23945   | 0.32%   | 0.074%  |
| 111 | 13.532 | 13.470 | 13.656 | VV | 1476   | 105698  | 1.42%   | 0.329%  |
| 112 | 13.687 | 13.656 | 13.871 | VV | 4362   | 135917  | 1.83%   | 0.423%  |
| 113 | 13.885 | 13.871 | 13.921 | VV | 338    | 8624    | 0.12%   | 0.027%  |
| 114 | 13.983 | 13.921 | 14.004 | VV | 994    | 24550   | 0.33%   | 0.076%  |
| 115 | 14.028 | 14.004 | 14.128 | VV | 4288   | 75277   | 1.01%   | 0.234%  |
| 116 | 14.158 | 14.128 | 14.228 | VV | 232    | 7987    | 0.11%   | 0.025%  |
| 117 | 14.249 | 14.228 | 14.263 | PV | 171    | 2190    | 0.03%   | 0.007%  |
| 118 | 14.287 | 14.263 | 14.344 | VV | 159    | 4446    | 0.06%   | 0.014%  |
| 119 | 14.466 | 14.344 | 14.499 | VV | 1204   | 36952   | 0.50%   | 0.115%  |
| 120 | 14.541 | 14.499 | 14.568 | VV | 453    | 11778   | 0.16%   | 0.037%  |
| 121 | 14.590 | 14.568 | 14.618 | VV | 1237   | 16604   | 0.22%   | 0.052%  |
| 122 | 14.651 | 14.618 | 14.671 | VV | 725    | 13202   | 0.18%   | 0.041%  |
| 123 | 14.695 | 14.671 | 14.777 | VV | 602    | 19459   | 0.26%   | 0.061%  |
| 124 | 14.847 | 14.777 | 14.931 | VV | 412    | 15717   | 0.21%   | 0.049%  |
| 125 | 14.981 | 14.931 | 15.046 | VV | 392    | 16044   | 0.22%   | 0.050%  |
| 126 | 15.129 | 15.046 | 15.158 | VV | 2306   | 52275   | 0.70%   | 0.163%  |
| 127 | 15.181 | 15.158 | 15.234 | VV | 2909   | 47408   | 0.64%   | 0.147%  |
| 128 | 15.257 | 15.234 | 15.299 | VV | 216    | 6954    | 0.09%   | 0.022%  |
| 129 | 15.325 | 15.299 | 15.397 | VV | 225    | 6782    | 0.09%   | 0.021%  |
| 130 | 15.437 | 15.397 | 15.478 | PV | 635    | 11286   | 0.15%   | 0.035%  |
| 131 | 15.513 | 15.478 | 15.624 | PV | 14110  | 310679  | 4.17%   | 0.966%  |
| 132 | 15.648 | 15.624 | 15.688 | VV | 2552   | 42570   | 0.57%   | 0.132%  |
| 133 | 15.718 | 15.688 | 15.758 | VV | 6096   | 87995   | 1.18%   | 0.274%  |
| 134 | 15.782 | 15.758 | 15.831 | VV | 199    | 5115    | 0.07%   | 0.016%  |
| 135 | 16.149 | 15.831 | 16.188 | PV | 2993   | 72833   | 0.98%   | 0.227%  |
| 136 | 16.218 | 16.188 | 16.251 | VV | 676    | 11207   | 0.15%   | 0.035%  |
| 137 | 16.285 | 16.251 | 16.306 | VV | 232    | 5180    | 0.07%   | 0.016%  |
| 138 | 16.439 | 16.306 | 16.470 | PV | 290    | 7896    | 0.11%   | 0.025%  |
| 139 | 16.535 | 16.470 | 16.564 | VV | 776    | 18760   | 0.25%   | 0.058%  |
| 140 | 16.631 | 16.564 | 16.664 | VV | 2814   | 55918   | 0.75%   | 0.174%  |
| 141 | 16.708 | 16.664 | 16.743 | PV | 1251   | 24998   | 0.34%   | 0.078%  |

|                         |        |        |        |     | rteres   |         |        |        |
|-------------------------|--------|--------|--------|-----|----------|---------|--------|--------|
| 142                     | 16.784 | 16.743 | 16.891 | VV  | 2540     | 67919   | 0.91%  | 0.211% |
| 143                     | 16.978 | 16.891 | 16.995 | VV  | 335      | 8076    | 0.11%  | 0.025% |
| 144                     | 17.098 | 16.995 | 17.127 | VV  | 8784     | 142566  | 1.92%  | 0.444% |
| 145                     | 17.145 | 17.127 | 17.221 | VV  | 2298     | 49031   | 0.66%  | 0.153% |
| 146                     | 17.288 | 17.221 | 17.305 | PV  | 291      | 8844    | 0.12%  | 0.028% |
| 147                     | 17.435 | 17.305 | 17.453 | PV  | 1038     | 21089   | 0.28%  | 0.066% |
| 148                     | 17.547 | 17.453 | 17.601 | VV  | 6442     | 143797  | 1.93%  | 0.447% |
| 149                     | 17.639 | 17.601 | 17.688 | VV  | 1246     | 35624   | 0.48%  | 0.111% |
| 150                     | 17.750 | 17.688 | 17.771 | VV  | 442      | 14076   | 0.19%  | 0.044% |
| 151                     | 17.983 | 17.771 | 18.028 | PV  | 10234    | 207661  | 2.79%  | 0.646% |
| 152                     | 18.077 | 18.028 | 18.101 | VV  | 3788     | 72418   | 0.97%  | 0.225% |
| 153                     | 18.126 | 18.101 | 18.191 | VV  | 2458     | 77921   | 1.05%  | 0.242% |
| 154                     | 18.213 | 18.191 | 18.231 | VV  | 1357     | 23555   | 0.32%  | 0.073% |
| 155                     | 18.304 | 18.231 | 18.328 | VV  | 3459     | 93510   | 1.26%  | 0.291% |
| 156                     | 18.352 | 18.328 | 18.376 | VV  | 3531     | 81105   | 1.09%  | 0.252% |
| 157                     | 18.406 | 18.376 | 18.445 | VV  | 9180     | 172401  | 2.32%  | 0.536% |
| 158                     | 18.495 | 18.445 | 18.561 | VV  | 1815     | 67717   | 0.91%  | 0.211% |
| 159                     | 18.814 | 18.561 | 18.874 | PV  | 10979    | 290584  | 3.90%  | 0.904% |
| 160                     | 18.919 | 18.874 | 18.946 | VV  | 2849     | 67776   | 0.91%  | 0.211% |
| 161                     | 18.967 | 18.946 | 19.000 | VV  | 1358     | 28129   | 0.38%  | 0.088% |
| 162                     | 19.213 | 19.000 | 19.265 | VV  | 9380     | 322143  | 4.33%  | 1.002% |
| 163                     | 19.419 | 19.265 | 19.433 | VV  | 1907     | 154889  | 2.08%  | 0.482% |
| 164                     | 19.599 | 19.433 | 19.640 | VV  | 9121     | 357885  | 4.81%  | 1.113% |
| 165                     | 19.669 | 19.640 | 19.692 | VV  | 4935     | 111632  | 1.50%  | 0.347% |
| 166                     | 19.716 | 19.692 | 19.754 | VV  | 3522     | 104296  | 1.40%  | 0.324% |
| 167                     | 19.781 | 19.754 | 19.803 | VV  | 2964     | 71281   | 0.96%  | 0.222% |
| 168                     | 19.970 | 19.803 | 20.038 | VV  | 11080    | 682555  | 9.17%  | 2.123% |
| 169                     | 20.219 | 20.038 | 20.254 | VV  | 8212     | 737758  | 9.91%  | 2.295% |
| 170                     | 20.339 | 20.254 | 20.368 | VV  | 13830    | 611162  | 8.21%  | 1.901% |
| 171                     | 20.497 | 20.368 | 20.518 | VV  | 9774     | 839791  | 11.28% | 2.613% |
| 172                     | 20.692 | 20.518 | 20.760 | VV  | 15317    | 1632722 | 21.93% | 5.079% |
| 173                     | 20.902 | 20.760 | 21.021 | VV  | 13138    | 1812438 | 24.35% | 5.638% |
| 174                     | 21.060 | 21.021 | 21.093 | VV  | 13038    | 478127  | 6.42%  | 1.487% |
| 175                     | 21.176 | 21.093 | 21.247 | VV  | 11161    | 970443  | 13.04% | 3.019% |
| 176                     | 21.270 | 21.247 | 21.351 | VV  | 8693     | 481904  | 6.47%  | 1.499% |
| 177                     | 21.473 | 21.351 | 21.568 | VV  | 9860     | 946758  | 12.72% | 2.945% |
| 178                     | 21.618 | 21.568 | 21.669 | VV  | 5261     | 298440  | 4.01%  | 0.928% |
| 179                     | 21.825 | 21.669 | 21.908 | VV  | 4689     | 601415  | 8.08%  | 1.871% |
| 180                     | 21.936 | 21.908 | 22.031 | VV  | 4306     | 140354  | 1.89%  | 0.437% |
| 181                     | 22.091 | 22.031 | 22.111 | PV  | 1104     | 27197   | 0.37%  | 0.085% |
| 182                     | 22.173 | 22.111 | 22.201 | VBA | 732      | 100944  | 1.36%  | 0.314% |
| Sum of corrected areas: |        |        |        |     | 32144783 |         |        |        |

Aliphatic EPH 110724.M Sat Nov 16 11:30:56 2024