

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE093024AL\  
 Data File : FE050431.D  
 Signal(s) : FID1B.ch  
 Acq On : 30 Sep 2024 12:00  
 Sample : P4214-01DL 10X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.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         | 3.242       | 3.234        | 3.328      | PV       | 82             | 2428         | 0.06%          | 0.003%        |
| 2         | 3.347       | 3.328        | 3.364      | PV       | 119            | 1283         | 0.03%          | 0.002%        |
| 3         | 3.377       | 3.364        | 3.404      | VV       | 78             | 1232         | 0.03%          | 0.001%        |
| 4         | 3.417       | 3.404        | 3.451      | VV       | 124            | 2287         | 0.06%          | 0.003%        |
| 5         | 3.459       | 3.451        | 3.551      | VV       | 104            | 4842         | 0.13%          | 0.006%        |
| 6         | 3.554       | 3.551        | 3.677      | VV       | 140            | 6077         | 0.16%          | 0.007%        |
| 7         | 3.692       | 3.677        | 3.787      | VV       | 126            | 4952         | 0.13%          | 0.006%        |
| 8         | 3.798       | 3.787        | 3.861      | PV       | 99             | 1944         | 0.05%          | 0.002%        |
| 9         | 3.874       | 3.861        | 3.923      | VV       | 79             | 1109         | 0.03%          | 0.001%        |
| 10        | 3.932       | 3.923        | 4.048      | VV       | 99             | 3449         | 0.09%          | 0.004%        |
| 11        | 4.053       | 4.048        | 4.124      | PV       | 78             | 1880         | 0.05%          | 0.002%        |
| 12        | 4.134       | 4.124        | 4.164      | VV       | 105            | 1323         | 0.04%          | 0.002%        |
| 13        | 4.203       | 4.164        | 4.224      | VV       | 97             | 1998         | 0.05%          | 0.002%        |
| 14        | 4.245       | 4.224        | 4.281      | VV       | 118            | 1504         | 0.04%          | 0.002%        |
| 15        | 4.330       | 4.281        | 4.357      | VV       | 128            | 2618         | 0.07%          | 0.003%        |
| 16        | 4.390       | 4.357        | 4.421      | VV       | 137            | 2559         | 0.07%          | 0.003%        |
| 17        | 4.430       | 4.421        | 4.484      | PV       | 78             | 1744         | 0.05%          | 0.002%        |
| 18        | 4.488       | 4.484        | 4.498      | VV       | 99             | 455          | 0.01%          | 0.001%        |
| 19        | 4.507       | 4.498        | 4.607      | VV       | 139            | 3076         | 0.08%          | 0.004%        |
| 20        | 4.628       | 4.607        | 4.657      | PV       | 139            | 1663         | 0.04%          | 0.002%        |
| 21        | 4.687       | 4.657        | 4.701      | PV       | 137            | 1950         | 0.05%          | 0.002%        |
| 22        | 4.719       | 4.701        | 4.729      | PV       | 94             | 893          | 0.02%          | 0.001%        |
| 23        | 4.742       | 4.729        | 4.781      | VV       | 86             | 1282         | 0.03%          | 0.002%        |
| 24        | 4.791       | 4.781        | 4.817      | VV       | 85             | 1010         | 0.03%          | 0.001%        |
| 25        | 4.842       | 4.817        | 4.885      | VV       | 139            | 3276         | 0.09%          | 0.004%        |
| 26        | 4.897       | 4.885        | 4.951      | VV       | 100            | 2960         | 0.08%          | 0.003%        |
| 27        | 4.958       | 4.951        | 5.035      | VV       | 89             | 3511         | 0.09%          | 0.004%        |
| 28        | 5.049       | 5.035        | 5.168      | VV       | 101            | 4991         | 0.13%          | 0.006%        |
| 29        | 5.187       | 5.168        | 5.285      | VV       | 71             | 3483         | 0.09%          | 0.004%        |
| 30        | 5.316       | 5.285        | 5.349      | PV       | 101            | 1738         | 0.05%          | 0.002%        |
| 31        | 5.396       | 5.349        | 5.493      | VV       | 123            | 5118         | 0.14%          | 0.006%        |
| 32        | 5.504       | 5.493        | 5.518      | VV       | 127            | 1549         | 0.04%          | 0.002%        |
| 33        | 5.521       | 5.518        | 5.547      | VV       | 151            | 1304         | 0.03%          | 0.002%        |
| 34        | 5.557       | 5.547        | 5.609      | VV       | 112            | 2795         | 0.07%          | 0.003%        |
| 35        | 5.623       | 5.609        | 5.635      | VV       | 102            | 582          | 0.02%          | 0.001%        |
| 36        | 5.655       | 5.635        | 5.758      | PV       | 110            | 3795         | 0.10%          | 0.004%        |

|    |       |       |       |    | rters |        |        |        |
|----|-------|-------|-------|----|-------|--------|--------|--------|
| 37 | 5.772 | 5.758 | 5.791 | VV | 94    | 1213   | 0.03%  | 0.001% |
| 38 | 5.811 | 5.791 | 5.848 | VV | 176   | 3897   | 0.10%  | 0.005% |
| 39 | 5.871 | 5.848 | 5.928 | VV | 119   | 4004   | 0.11%  | 0.005% |
| 40 | 5.934 | 5.928 | 5.967 | PV | 128   | 2059   | 0.05%  | 0.002% |
| 41 | 6.004 | 5.967 | 6.078 | VV | 142   | 4513   | 0.12%  | 0.005% |
| 42 | 6.089 | 6.078 | 6.098 | PV | 91    | 474    | 0.01%  | 0.001% |
| 43 | 6.127 | 6.098 | 6.169 | VV | 100   | 1992   | 0.05%  | 0.002% |
| 44 | 6.196 | 6.169 | 6.218 | PV | 108   | 1627   | 0.04%  | 0.002% |
| 45 | 6.236 | 6.218 | 6.269 | VV | 252   | 4036   | 0.11%  | 0.005% |
| 46 | 6.279 | 6.269 | 6.319 | VV | 118   | 2790   | 0.07%  | 0.003% |
| 47 | 6.338 | 6.319 | 6.377 | VV | 130   | 2672   | 0.07%  | 0.003% |
| 48 | 6.404 | 6.377 | 6.441 | VV | 125   | 4116   | 0.11%  | 0.005% |
| 49 | 6.469 | 6.441 | 6.524 | VV | 161   | 5221   | 0.14%  | 0.006% |
| 50 | 6.537 | 6.524 | 6.554 | VV | 83    | 1092   | 0.03%  | 0.001% |
| 51 | 6.609 | 6.554 | 6.638 | VV | 162   | 5283   | 0.14%  | 0.006% |
| 52 | 6.643 | 6.638 | 6.664 | VV | 86    | 1245   | 0.03%  | 0.001% |
| 53 | 6.672 | 6.664 | 6.682 | VV | 147   | 961    | 0.03%  | 0.001% |
| 54 | 6.693 | 6.682 | 6.729 | VV | 120   | 1671   | 0.04%  | 0.002% |
| 55 | 6.756 | 6.729 | 6.779 | VV | 126   | 1893   | 0.05%  | 0.002% |
| 56 | 6.790 | 6.779 | 6.799 | VV | 63    | 511    | 0.01%  | 0.001% |
| 57 | 6.823 | 6.799 | 6.851 | PV | 109   | 2291   | 0.06%  | 0.003% |
| 58 | 6.854 | 6.851 | 6.877 | VV | 112   | 761    | 0.02%  | 0.001% |
| 59 | 6.895 | 6.877 | 6.928 | PV | 88    | 1663   | 0.04%  | 0.002% |
| 60 | 6.944 | 6.928 | 6.961 | VV | 90    | 1269   | 0.03%  | 0.001% |
| 61 | 6.972 | 6.961 | 6.983 | VV | 72    | 678    | 0.02%  | 0.001% |
| 62 | 6.995 | 6.983 | 7.008 | VV | 92    | 758    | 0.02%  | 0.001% |
| 63 | 7.019 | 7.008 | 7.028 | VV | 84    | 768    | 0.02%  | 0.001% |
| 64 | 7.042 | 7.028 | 7.052 | VV | 105   | 936    | 0.02%  | 0.001% |
| 65 | 7.069 | 7.052 | 7.113 | PV | 121   | 2352   | 0.06%  | 0.003% |
| 66 | 7.133 | 7.113 | 7.164 | PV | 161   | 2527   | 0.07%  | 0.003% |
| 67 | 7.195 | 7.164 | 7.208 | VV | 142   | 1970   | 0.05%  | 0.002% |
| 68 | 7.212 | 7.208 | 7.228 | VV | 81    | 735    | 0.02%  | 0.001% |
| 69 | 7.246 | 7.228 | 7.271 | VV | 80    | 1509   | 0.04%  | 0.002% |
| 70 | 7.285 | 7.271 | 7.319 | VV | 120   | 2527   | 0.07%  | 0.003% |
| 71 | 7.346 | 7.319 | 7.381 | VV | 140   | 3755   | 0.10%  | 0.004% |
| 72 | 7.390 | 7.381 | 7.480 | VV | 151   | 4536   | 0.12%  | 0.005% |
| 73 | 7.494 | 7.480 | 7.540 | VV | 213   | 4760   | 0.13%  | 0.006% |
| 74 | 7.604 | 7.540 | 7.702 | VV | 269   | 15953  | 0.42%  | 0.019% |
| 75 | 7.791 | 7.702 | 7.868 | VV | 208   | 8728   | 0.23%  | 0.010% |
| 76 | 7.941 | 7.868 | 8.173 | PV | 40091 | 605689 | 16.08% | 0.710% |
| 77 | 8.193 | 8.173 | 8.214 | VV | 512   | 9019   | 0.24%  | 0.011% |
| 78 | 8.231 | 8.214 | 8.281 | VV | 459   | 11956  | 0.32%  | 0.014% |
| 79 | 8.321 | 8.281 | 8.354 | VV | 349   | 10659  | 0.28%  | 0.012% |
| 80 | 8.375 | 8.354 | 8.398 | VV | 361   | 7279   | 0.19%  | 0.009% |
| 81 | 8.427 | 8.398 | 8.458 | VV | 286   | 9105   | 0.24%  | 0.011% |
| 82 | 8.502 | 8.458 | 8.554 | VV | 811   | 30572  | 0.81%  | 0.036% |
| 83 | 8.654 | 8.554 | 8.701 | VV | 1086  | 41755  | 1.11%  | 0.049% |
| 84 | 8.753 | 8.701 | 8.772 | VV | 449   | 15970  | 0.42%  | 0.019% |
| 85 | 8.827 | 8.772 | 8.924 | VV | 12523 | 331846 | 8.81%  | 0.389% |
| 86 | 8.951 | 8.924 | 8.975 | VV | 2775  | 68642  | 1.82%  | 0.080% |
| 87 | 8.992 | 8.975 | 9.008 | VV | 2327  | 37461  | 0.99%  | 0.044% |
| 88 | 9.033 | 9.008 | 9.068 | VV | 2479  | 69126  | 1.83%  | 0.081% |
| 89 | 9.094 | 9.068 | 9.134 | VV | 1842  | 60090  | 1.60%  | 0.070% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 9.186  | 9.134  | 9.204  | VV | 1777   | 63002   | 1.67%  | 0.074% |
| 91  | 9.238  | 9.204  | 9.304  | VV | 3802   | 136490  | 3.62%  | 0.160% |
| 92  | 9.327  | 9.304  | 9.358  | VV | 2420   | 65225   | 1.73%  | 0.076% |
| 93  | 9.411  | 9.358  | 9.434  | VV | 3100   | 101734  | 2.70%  | 0.119% |
| 94  | 9.465  | 9.434  | 9.494  | VV | 2550   | 81464   | 2.16%  | 0.096% |
| 95  | 9.558  | 9.494  | 9.591  | VV | 2854   | 138875  | 3.69%  | 0.163% |
| 96  | 9.629  | 9.591  | 9.644  | VV | 2972   | 86977   | 2.31%  | 0.102% |
| 97  | 9.709  | 9.644  | 9.756  | VV | 6419   | 266169  | 7.07%  | 0.312% |
| 98  | 9.786  | 9.756  | 9.811  | VV | 4749   | 134812  | 3.58%  | 0.158% |
| 99  | 9.886  | 9.811  | 9.911  | VV | 5248   | 256781  | 6.82%  | 0.301% |
| 100 | 9.961  | 9.911  | 9.979  | VV | 4347   | 170639  | 4.53%  | 0.200% |
| 101 | 10.067 | 9.979  | 10.087 | VV | 7442   | 369273  | 9.80%  | 0.433% |
| 102 | 10.108 | 10.087 | 10.131 | VV | 9008   | 184192  | 4.89%  | 0.216% |
| 103 | 10.184 | 10.131 | 10.251 | VV | 9104   | 540829  | 14.36% | 0.634% |
| 104 | 10.280 | 10.251 | 10.301 | VV | 7735   | 214050  | 5.68%  | 0.251% |
| 105 | 10.380 | 10.301 | 10.401 | VV | 8440   | 456899  | 12.13% | 0.536% |
| 106 | 10.495 | 10.401 | 10.521 | VV | 18844  | 823579  | 21.86% | 0.966% |
| 107 | 10.543 | 10.521 | 10.563 | VV | 12655  | 285552  | 7.58%  | 0.335% |
| 108 | 10.584 | 10.563 | 10.611 | VV | 12505  | 325790  | 8.65%  | 0.382% |
| 109 | 10.639 | 10.611 | 10.666 | VV | 15197  | 394868  | 10.48% | 0.463% |
| 110 | 10.688 | 10.666 | 10.711 | VV | 11278  | 290897  | 7.72%  | 0.341% |
| 111 | 10.774 | 10.711 | 10.801 | VV | 15018  | 697610  | 18.52% | 0.818% |
| 112 | 10.843 | 10.801 | 10.878 | VV | 18874  | 714417  | 18.96% | 0.838% |
| 113 | 10.916 | 10.878 | 10.992 | VV | 40711  | 1554327 | 41.26% | 1.823% |
| 114 | 11.050 | 10.992 | 11.071 | VV | 16937  | 768259  | 20.39% | 0.901% |
| 115 | 11.117 | 11.071 | 11.141 | VV | 17845  | 721339  | 19.15% | 0.846% |
| 116 | 11.168 | 11.141 | 11.202 | VV | 22800  | 758010  | 20.12% | 0.889% |
| 117 | 11.241 | 11.202 | 11.279 | VV | 22800  | 1008249 | 26.76% | 1.182% |
| 118 | 11.350 | 11.279 | 11.391 | VV | 24985  | 1466938 | 38.94% | 1.720% |
| 119 | 11.545 | 11.391 | 11.568 | VV | 30511  | 2597855 | 68.96% | 3.046% |
| 120 | 11.637 | 11.568 | 11.691 | VV | 54985  | 2402977 | 63.79% | 2.818% |
| 121 | 11.705 | 11.691 | 11.728 | VV | 27867  | 570400  | 15.14% | 0.669% |
| 122 | 11.748 | 11.728 | 11.767 | VV | 26629  | 588234  | 15.61% | 0.690% |
| 123 | 11.866 | 11.767 | 11.924 | VV | 69824  | 3195680 | 84.83% | 3.747% |
| 124 | 11.942 | 11.924 | 11.965 | VV | 32008  | 741999  | 19.70% | 0.870% |
| 125 | 11.985 | 11.965 | 11.999 | VV | 30653  | 624686  | 16.58% | 0.732% |
| 126 | 12.034 | 11.999 | 12.081 | VV | 32874  | 1529842 | 40.61% | 1.794% |
| 127 | 12.103 | 12.081 | 12.127 | VV | 34180  | 900095  | 23.89% | 1.055% |
| 128 | 12.197 | 12.127 | 12.234 | VV | 44327  | 2302969 | 61.13% | 2.700% |
| 129 | 12.254 | 12.234 | 12.271 | VV | 36427  | 772839  | 20.52% | 0.906% |
| 130 | 12.300 | 12.271 | 12.390 | VV | 37009  | 2448114 | 64.99% | 2.871% |
| 131 | 12.414 | 12.390 | 12.464 | VV | 33515  | 1432563 | 38.03% | 1.680% |
| 132 | 12.495 | 12.464 | 12.568 | VV | 37159  | 2187253 | 58.06% | 2.565% |
| 133 | 12.597 | 12.568 | 12.663 | VV | 35641  | 1961260 | 52.06% | 2.300% |
| 134 | 12.732 | 12.663 | 12.751 | VV | 35562  | 1828819 | 48.55% | 2.144% |
| 135 | 12.777 | 12.751 | 12.808 | VV | 39001  | 1243925 | 33.02% | 1.459% |
| 136 | 12.854 | 12.808 | 12.908 | VV | 39865  | 2174655 | 57.73% | 2.550% |
| 137 | 12.927 | 12.908 | 12.986 | VV | 38202  | 1669223 | 44.31% | 1.957% |
| 138 | 13.000 | 12.986 | 13.064 | VV | 35136  | 1525264 | 40.49% | 1.788% |
| 139 | 13.130 | 13.064 | 13.164 | VV | 35187  | 2012702 | 53.43% | 2.360% |
| 140 | 13.180 | 13.164 | 13.198 | VV | 34333  | 666767  | 17.70% | 0.782% |
| 141 | 13.216 | 13.198 | 13.259 | VV | 33956  | 1187130 | 31.51% | 1.392% |

| rteres                  |        |        |        |    |       |          |         |        |
|-------------------------|--------|--------|--------|----|-------|----------|---------|--------|
| 142                     | 13.302 | 13.259 | 13.331 | VV | 59828 | 1747271  | 46.38%  | 2.049% |
| 143                     | 13.350 | 13.331 | 13.381 | VV | 39475 | 1100273  | 29.21%  | 1.290% |
| 144                     | 13.397 | 13.381 | 13.452 | VV | 34176 | 1391064  | 36.93%  | 1.631% |
| 145                     | 13.532 | 13.452 | 13.658 | VV | 33174 | 3767142  | 100.00% | 4.417% |
| 146                     | 13.694 | 13.658 | 13.719 | VV | 33924 | 1141754  | 30.31%  | 1.339% |
| 147                     | 13.738 | 13.719 | 13.857 | VV | 31005 | 2355965  | 62.54%  | 2.762% |
| 148                     | 13.903 | 13.857 | 13.929 | VV | 29537 | 1194865  | 31.72%  | 1.401% |
| 149                     | 13.960 | 13.929 | 14.014 | VV | 29891 | 1376320  | 36.53%  | 1.614% |
| 150                     | 14.050 | 14.014 | 14.091 | VV | 26880 | 1166408  | 30.96%  | 1.368% |
| 151                     | 14.110 | 14.091 | 14.221 | VV | 26703 | 1847766  | 49.05%  | 2.167% |
| 152                     | 14.285 | 14.221 | 14.411 | VV | 27344 | 2548135  | 67.64%  | 2.988% |
| 153                     | 14.438 | 14.411 | 14.501 | VV | 20916 | 1070918  | 28.43%  | 1.256% |
| 154                     | 14.523 | 14.501 | 14.596 | VV | 19402 | 1029708  | 27.33%  | 1.207% |
| 155                     | 14.616 | 14.596 | 14.647 | VV | 17944 | 519202   | 13.78%  | 0.609% |
| 156                     | 14.673 | 14.647 | 14.718 | VV | 18207 | 715545   | 18.99%  | 0.839% |
| 157                     | 14.741 | 14.718 | 14.801 | VV | 17436 | 776543   | 20.61%  | 0.911% |
| 158                     | 14.816 | 14.801 | 14.834 | VV | 14508 | 289332   | 7.68%   | 0.339% |
| 159                     | 14.862 | 14.834 | 14.963 | VV | 15019 | 1031424  | 27.38%  | 1.209% |
| 160                     | 15.010 | 14.963 | 15.108 | VV | 11840 | 978590   | 25.98%  | 1.147% |
| 161                     | 15.154 | 15.108 | 15.184 | VV | 10828 | 465580   | 12.36%  | 0.546% |
| 162                     | 15.206 | 15.184 | 15.278 | VV | 10900 | 532077   | 14.12%  | 0.624% |
| 163                     | 15.294 | 15.278 | 15.323 | VV | 8874  | 226603   | 6.02%   | 0.266% |
| 164                     | 15.350 | 15.323 | 15.371 | VV | 8237  | 224949   | 5.97%   | 0.264% |
| 165                     | 15.399 | 15.371 | 15.498 | VV | 7853  | 531495   | 14.11%  | 0.623% |
| 166                     | 15.545 | 15.498 | 15.640 | VV | 6998  | 523476   | 13.90%  | 0.614% |
| 167                     | 15.705 | 15.640 | 15.828 | VV | 6206  | 553475   | 14.69%  | 0.649% |
| 168                     | 15.855 | 15.828 | 15.911 | VV | 3712  | 176531   | 4.69%   | 0.207% |
| 169                     | 15.928 | 15.911 | 15.953 | VV | 3429  | 83387    | 2.21%   | 0.098% |
| 170                     | 15.986 | 15.953 | 16.111 | VV | 4020  | 285126   | 7.57%   | 0.334% |
| 171                     | 16.135 | 16.111 | 16.153 | VV | 2632  | 61521    | 1.63%   | 0.072% |
| 172                     | 16.173 | 16.153 | 16.272 | VV | 3006  | 163027   | 4.33%   | 0.191% |
| 173                     | 16.288 | 16.272 | 16.301 | VV | 1595  | 25539    | 0.68%   | 0.030% |
| 174                     | 16.359 | 16.301 | 16.394 | VV | 1799  | 87089    | 2.31%   | 0.102% |
| 175                     | 16.408 | 16.394 | 16.440 | VV | 1497  | 35758    | 0.95%   | 0.042% |
| 176                     | 16.490 | 16.440 | 16.594 | VV | 1916  | 116736   | 3.10%   | 0.137% |
| 177                     | 16.654 | 16.594 | 16.678 | VV | 1662  | 60063    | 1.59%   | 0.070% |
| 178                     | 16.693 | 16.678 | 16.714 | VV | 1221  | 22894    | 0.61%   | 0.027% |
| 179                     | 16.733 | 16.714 | 16.776 | VV | 1026  | 31927    | 0.85%   | 0.037% |
| 180                     | 16.877 | 16.776 | 16.941 | VV | 1001  | 74870    | 1.99%   | 0.088% |
| 181                     | 16.989 | 16.941 | 17.058 | VV | 715   | 35731    | 0.95%   | 0.042% |
| 182                     | 17.120 | 17.058 | 17.228 | VV | 1625  | 54980    | 1.46%   | 0.064% |
| 183                     | 17.261 | 17.228 | 17.288 | VV | 79    | 2919     | 0.08%   | 0.003% |
| 184                     | 17.339 | 17.288 | 17.378 | PV | 197   | 5637     | 0.15%   | 0.007% |
| 185                     | 17.459 | 17.378 | 17.478 | PV | 354   | 8083     | 0.21%   | 0.009% |
| 186                     | 17.571 | 17.478 | 17.623 | VV | 1752  | 40947    | 1.09%   | 0.048% |
| 187                     | 18.008 | 17.623 | 18.041 | PV | 4016  | 260904   | 6.93%   | 0.306% |
| 188                     | 18.285 | 18.123 | 18.301 | VV | 3614  | 331732   | 8.81%   | 0.389% |
| 189                     | 18.710 | 18.564 | 18.766 | VV | 5704  | 561217   | 14.90%  | 0.658% |
| 190                     | 18.841 | 18.766 | 18.874 | VV | 7981  | 393297   | 10.44%  | 0.461% |
| 191                     | 19.236 | 18.874 | 19.274 | VV | 11725 | 2109065  | 55.99%  | 2.473% |
| Sum of corrected areas: |        |        |        |    |       | 85284939 |         |        |

Aliphatic EPH 091024.M Tue Oct 01 03:56:19 2024 rteres