

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101222AL\  
 Data File : FC061790.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Oct 2022 20:43  
 Sample : N5111-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092022.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.995       | 3.967        | 4.021      | VV       | 1942           | 17938        | 0.31%          | 0.022%        |
| 2         | 4.036       | 4.021        | 4.133      | VV       | 724            | 11619        | 0.20%          | 0.015%        |
| 3         | 4.171       | 4.133        | 4.241      | VV       | 742            | 14589        | 0.25%          | 0.018%        |
| 4         | 5.502       | 5.481        | 5.543      | VV       | 2659           | 26037        | 0.44%          | 0.032%        |
| 5         | 5.999       | 5.921        | 6.034      | VV       | 1395           | 25257        | 0.43%          | 0.032%        |
| 6         | 6.055       | 6.034        | 6.122      | VV       | 13291          | 146595       | 2.50%          | 0.183%        |
| 7         | 6.142       | 6.122        | 6.242      | VV       | 559            | 17828        | 0.30%          | 0.022%        |
| 8         | 6.431       | 6.372        | 6.489      | VV       | 424            | 15987        | 0.27%          | 0.020%        |
| 9         | 6.895       | 6.843        | 6.941      | VV       | 706            | 13150        | 0.22%          | 0.016%        |
| 10        | 7.671       | 7.624        | 7.742      | VV       | 601037         | 5875050      | 100.00%        | 7.333%        |
| 11        | 7.764       | 7.742        | 7.798      | VV       | 667            | 15185        | 0.26%          | 0.019%        |
| 12        | 8.053       | 8.018        | 8.091      | VV       | 471            | 12243        | 0.21%          | 0.015%        |
| 13        | 8.121       | 8.091        | 8.140      | VV       | 572            | 10508        | 0.18%          | 0.013%        |
| 14        | 8.157       | 8.140        | 8.174      | VV       | 727            | 10099        | 0.17%          | 0.013%        |
| 15        | 8.192       | 8.174        | 8.210      | VV       | 1044           | 15549        | 0.26%          | 0.019%        |
| 16        | 8.227       | 8.210        | 8.265      | VV       | 1149           | 16599        | 0.28%          | 0.021%        |
| 17        | 8.287       | 8.265        | 8.323      | VV       | 1465           | 18891        | 0.32%          | 0.024%        |
| 18        | 8.541       | 8.480        | 8.610      | VV       | 398333         | 3949777      | 67.23%         | 4.930%        |
| 19        | 8.635       | 8.610        | 8.651      | VV       | 609            | 10566        | 0.18%          | 0.013%        |
| 20        | 8.703       | 8.687        | 8.743      | VV       | 546            | 13586        | 0.23%          | 0.017%        |
| 21        | 8.761       | 8.743        | 8.800      | VV       | 456            | 10148        | 0.17%          | 0.013%        |
| 22        | 8.850       | 8.800        | 8.881      | VV       | 399            | 13650        | 0.23%          | 0.017%        |
| 23        | 8.909       | 8.881        | 8.938      | VV       | 675            | 17175        | 0.29%          | 0.021%        |
| 24        | 8.961       | 8.938        | 9.000      | VV       | 604            | 16568        | 0.28%          | 0.021%        |
| 25        | 9.047       | 9.000        | 9.073      | VV       | 998            | 22404        | 0.38%          | 0.028%        |
| 26        | 9.374       | 9.354        | 9.399      | VV       | 715            | 11169        | 0.19%          | 0.014%        |
| 27        | 9.420       | 9.399        | 9.456      | VV       | 880            | 16392        | 0.28%          | 0.020%        |
| 28        | 9.497       | 9.456        | 9.548      | VV       | 419            | 14689        | 0.25%          | 0.018%        |
| 29        | 9.761       | 9.717        | 9.788      | VV       | 423            | 13321        | 0.23%          | 0.017%        |
| 30        | 9.827       | 9.788        | 9.883      | VV       | 1069           | 28579        | 0.49%          | 0.036%        |
| 31        | 10.468      | 10.431       | 10.505     | VV       | 509            | 15054        | 0.26%          | 0.019%        |
| 32        | 10.564      | 10.538       | 10.608     | VV       | 1015           | 17998        | 0.31%          | 0.022%        |
| 33        | 10.660      | 10.608       | 10.681     | VV       | 572            | 18065        | 0.31%          | 0.023%        |
| 34        | 10.821      | 10.800       | 10.867     | VV       | 3286           | 40064        | 0.68%          | 0.050%        |
| 35        | 10.897      | 10.867       | 10.928     | VV       | 1124           | 15508        | 0.26%          | 0.019%        |
| 36        | 11.201      | 11.158       | 11.231     | VV       | 566            | 10866        | 0.18%          | 0.014%        |

|    |        |        |        |    | rteres |         |        |        |
|----|--------|--------|--------|----|--------|---------|--------|--------|
| 37 | 11.271 | 11.231 | 11.298 | VV | 940    | 16258   | 0.28%  | 0.020% |
| 38 | 11.350 | 11.322 | 11.389 | VV | 498    | 11186   | 0.19%  | 0.014% |
| 39 | 11.592 | 11.547 | 11.641 | VV | 391795 | 4459709 | 75.91% | 5.566% |
| 40 | 11.657 | 11.641 | 11.695 | VV | 1099   | 15440   | 0.26%  | 0.019% |
| 41 | 11.740 | 11.695 | 11.759 | VV | 834    | 19996   | 0.34%  | 0.025% |
| 42 | 11.773 | 11.759 | 11.791 | VV | 798    | 10448   | 0.18%  | 0.013% |
| 43 | 11.940 | 11.906 | 11.971 | PV | 750    | 13441   | 0.23%  | 0.017% |
| 44 | 11.992 | 11.971 | 12.014 | VV | 1341   | 18317   | 0.31%  | 0.023% |
| 45 | 12.185 | 12.118 | 12.218 | VV | 1957   | 28845   | 0.49%  | 0.036% |
| 46 | 12.416 | 12.353 | 12.457 | VV | 491    | 17644   | 0.30%  | 0.022% |
| 47 | 12.526 | 12.457 | 12.546 | VV | 1329   | 23046   | 0.39%  | 0.029% |
| 48 | 12.582 | 12.546 | 12.614 | VV | 1303   | 26069   | 0.44%  | 0.033% |
| 49 | 12.641 | 12.614 | 12.678 | VV | 4168   | 51627   | 0.88%  | 0.064% |
| 50 | 12.882 | 12.811 | 12.914 | VV | 326    | 14297   | 0.24%  | 0.018% |
| 51 | 12.939 | 12.914 | 12.980 | PV | 3835   | 48557   | 0.83%  | 0.061% |
| 52 | 13.029 | 12.980 | 13.085 | VV | 298535 | 3714464 | 63.22% | 4.636% |
| 53 | 13.134 | 13.085 | 13.168 | VV | 494    | 15134   | 0.26%  | 0.019% |
| 54 | 13.197 | 13.168 | 13.237 | PV | 1108   | 26383   | 0.45%  | 0.033% |
| 55 | 13.262 | 13.237 | 13.320 | VV | 1327   | 27807   | 0.47%  | 0.035% |
| 56 | 13.397 | 13.348 | 13.434 | VV | 497    | 15725   | 0.27%  | 0.020% |
| 57 | 13.531 | 13.482 | 13.561 | VV | 1143   | 19022   | 0.32%  | 0.024% |
| 58 | 13.729 | 13.709 | 13.753 | VV | 645    | 11149   | 0.19%  | 0.014% |
| 59 | 13.783 | 13.753 | 13.824 | VV | 1713   | 41292   | 0.70%  | 0.052% |
| 60 | 13.846 | 13.824 | 13.867 | VV | 690    | 10315   | 0.18%  | 0.013% |
| 61 | 14.214 | 14.154 | 14.234 | VV | 1432   | 38839   | 0.66%  | 0.048% |
| 62 | 14.262 | 14.234 | 14.281 | VV | 3469   | 53793   | 0.92%  | 0.067% |
| 63 | 14.298 | 14.281 | 14.324 | VV | 1894   | 30890   | 0.53%  | 0.039% |
| 64 | 14.343 | 14.324 | 14.370 | VV | 1847   | 31129   | 0.53%  | 0.039% |
| 65 | 14.399 | 14.370 | 14.419 | VV | 1294   | 28488   | 0.48%  | 0.036% |
| 66 | 14.437 | 14.419 | 14.488 | VV | 1029   | 31043   | 0.53%  | 0.039% |
| 67 | 14.507 | 14.488 | 14.526 | VV | 963    | 12494   | 0.21%  | 0.016% |
| 68 | 14.629 | 14.608 | 14.653 | VV | 632    | 10970   | 0.19%  | 0.014% |
| 69 | 14.721 | 14.653 | 14.750 | PV | 459    | 19399   | 0.33%  | 0.024% |
| 70 | 14.817 | 14.778 | 14.834 | VV | 2100   | 31450   | 0.54%  | 0.039% |
| 71 | 14.857 | 14.834 | 14.872 | VV | 2115   | 31349   | 0.53%  | 0.039% |
| 72 | 14.883 | 14.872 | 14.914 | VV | 1474   | 20424   | 0.35%  | 0.025% |
| 73 | 14.977 | 14.941 | 14.997 | VV | 674    | 14403   | 0.25%  | 0.018% |
| 74 | 15.137 | 15.084 | 15.158 | PV | 671    | 10567   | 0.18%  | 0.013% |
| 75 | 15.282 | 15.211 | 15.375 | VV | 8380   | 215554  | 3.67%  | 0.269% |
| 76 | 15.405 | 15.375 | 15.434 | VV | 2584   | 43583   | 0.74%  | 0.054% |
| 77 | 15.489 | 15.434 | 15.509 | VV | 2146   | 57174   | 0.97%  | 0.071% |
| 78 | 15.534 | 15.509 | 15.573 | VV | 1503   | 39074   | 0.67%  | 0.049% |
| 79 | 15.664 | 15.573 | 15.690 | VV | 1612   | 79029   | 1.35%  | 0.099% |
| 80 | 15.729 | 15.690 | 15.741 | VV | 1107   | 28644   | 0.49%  | 0.036% |
| 81 | 15.815 | 15.741 | 15.832 | VV | 1623   | 63344   | 1.08%  | 0.079% |
| 82 | 15.907 | 15.832 | 15.951 | VV | 3221   | 118683  | 2.02%  | 0.148% |
| 83 | 15.975 | 15.951 | 15.988 | VV | 1485   | 26119   | 0.44%  | 0.033% |
| 84 | 16.019 | 15.988 | 16.032 | VV | 873    | 22428   | 0.38%  | 0.028% |
| 85 | 16.101 | 16.032 | 16.119 | VV | 1463   | 48302   | 0.82%  | 0.060% |
| 86 | 16.198 | 16.141 | 16.225 | VV | 3004   | 76115   | 1.30%  | 0.095% |
| 87 | 16.246 | 16.225 | 16.261 | VV | 1215   | 22264   | 0.38%  | 0.028% |
| 88 | 16.298 | 16.261 | 16.329 | VV | 2653   | 60055   | 1.02%  | 0.075% |
| 89 | 16.385 | 16.329 | 16.426 | VV | 4442   | 120951  | 2.06%  | 0.151% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 16.515 | 16.426 | 16.579 | VV | 11010  | 233575  | 3.98%  | 0.292% |
| 91  | 16.603 | 16.579 | 16.627 | VV | 1203   | 19229   | 0.33%  | 0.024% |
| 92  | 16.698 | 16.627 | 16.718 | PV | 1578   | 42810   | 0.73%  | 0.053% |
| 93  | 16.753 | 16.718 | 16.785 | VV | 1692   | 30110   | 0.51%  | 0.038% |
| 94  | 16.856 | 16.785 | 16.869 | PV | 3889   | 78193   | 1.33%  | 0.098% |
| 95  | 16.878 | 16.869 | 16.938 | VV | 3105   | 81912   | 1.39%  | 0.102% |
| 96  | 17.114 | 16.938 | 17.128 | VV | 3814   | 293475  | 5.00%  | 0.366% |
| 97  | 17.188 | 17.128 | 17.207 | VV | 4180   | 176802  | 3.01%  | 0.221% |
| 98  | 17.276 | 17.207 | 17.288 | VV | 4736   | 197913  | 3.37%  | 0.247% |
| 99  | 17.306 | 17.288 | 17.324 | VV | 5326   | 94837   | 1.61%  | 0.118% |
| 100 | 17.336 | 17.324 | 17.357 | VV | 3551   | 58819   | 1.00%  | 0.073% |
| 101 | 17.379 | 17.357 | 17.397 | VV | 3388   | 63035   | 1.07%  | 0.079% |
| 102 | 17.418 | 17.397 | 17.447 | VV | 3674   | 74466   | 1.27%  | 0.093% |
| 103 | 17.480 | 17.447 | 17.522 | VV | 2597   | 67892   | 1.16%  | 0.085% |
| 104 | 17.542 | 17.522 | 17.557 | VV | 1121   | 14836   | 0.25%  | 0.019% |
| 105 | 17.646 | 17.557 | 17.658 | PV | 3356   | 85819   | 1.46%  | 0.107% |
| 106 | 17.743 | 17.658 | 17.774 | VV | 9669   | 325113  | 5.53%  | 0.406% |
| 107 | 17.890 | 17.774 | 17.909 | VV | 10578  | 505339  | 8.60%  | 0.631% |
| 108 | 17.920 | 17.909 | 17.955 | VV | 8567   | 208922  | 3.56%  | 0.261% |
| 109 | 17.977 | 17.955 | 17.998 | VV | 6738   | 163744  | 2.79%  | 0.204% |
| 110 | 18.028 | 17.998 | 18.041 | VV | 6497   | 160796  | 2.74%  | 0.201% |
| 111 | 18.065 | 18.041 | 18.101 | VV | 8035   | 249096  | 4.24%  | 0.311% |
| 112 | 18.126 | 18.101 | 18.151 | VV | 9424   | 240534  | 4.09%  | 0.300% |
| 113 | 18.165 | 18.151 | 18.190 | VV | 8409   | 167701  | 2.85%  | 0.209% |
| 114 | 18.259 | 18.190 | 18.307 | VV | 10218  | 501354  | 8.53%  | 0.626% |
| 115 | 18.374 | 18.307 | 18.396 | VV | 10655  | 462780  | 7.88%  | 0.578% |
| 116 | 18.409 | 18.396 | 18.418 | VV | 9311   | 118849  | 2.02%  | 0.148% |
| 117 | 18.494 | 18.418 | 18.518 | VV | 10631  | 586903  | 9.99%  | 0.733% |
| 118 | 18.573 | 18.518 | 18.620 | VV | 14468  | 662256  | 11.27% | 0.827% |
| 119 | 18.638 | 18.620 | 18.651 | VV | 8558   | 156215  | 2.66%  | 0.195% |
| 120 | 18.681 | 18.651 | 18.695 | VV | 9913   | 226861  | 3.86%  | 0.283% |
| 121 | 18.732 | 18.695 | 18.758 | VV | 10963  | 358922  | 6.11%  | 0.448% |
| 122 | 18.772 | 18.758 | 18.786 | VV | 9348   | 142965  | 2.43%  | 0.178% |
| 123 | 18.862 | 18.786 | 18.888 | VV | 13607  | 702091  | 11.95% | 0.876% |
| 124 | 18.899 | 18.888 | 18.910 | VV | 12562  | 162659  | 2.77%  | 0.203% |
| 125 | 18.966 | 18.910 | 19.009 | VV | 17793  | 918957  | 15.64% | 1.147% |
| 126 | 19.017 | 19.009 | 19.043 | VV | 13937  | 256286  | 4.36%  | 0.320% |
| 127 | 19.107 | 19.043 | 19.135 | VV | 15453  | 768161  | 13.07% | 0.959% |
| 128 | 19.176 | 19.135 | 19.211 | VV | 18997  | 765936  | 13.04% | 0.956% |
| 129 | 19.245 | 19.211 | 19.271 | VV | 21173  | 711737  | 12.11% | 0.888% |
| 130 | 19.279 | 19.271 | 19.304 | VV | 20329  | 384089  | 6.54%  | 0.479% |
| 131 | 19.360 | 19.304 | 19.374 | VV | 22033  | 854460  | 14.54% | 1.066% |
| 132 | 19.383 | 19.374 | 19.399 | VV | 20915  | 296168  | 5.04%  | 0.370% |
| 133 | 19.417 | 19.399 | 19.438 | VV | 21346  | 468614  | 7.98%  | 0.585% |
| 134 | 19.596 | 19.438 | 19.634 | VV | 37477  | 3438053 | 58.52% | 4.291% |
| 135 | 19.647 | 19.634 | 19.675 | VV | 37187  | 890732  | 15.16% | 1.112% |
| 136 | 19.706 | 19.675 | 19.784 | VV | 36739  | 2102473 | 35.79% | 2.624% |
| 137 | 19.957 | 19.784 | 19.969 | VV | 46021  | 4114176 | 70.03% | 5.135% |
| 138 | 19.983 | 19.969 | 20.077 | VV | 44737  | 2492390 | 42.42% | 3.111% |
| 139 | 20.092 | 20.077 | 20.102 | VV | 33143  | 480565  | 8.18%  | 0.600% |
| 140 | 20.211 | 20.102 | 20.229 | VV | 50204  | 3066245 | 52.19% | 3.827% |
| 141 | 20.265 | 20.229 | 20.291 | VV | 55746  | 1972359 | 33.57% | 2.462% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 20.306 | 20.291 | 20.334 | VV | 53151  | 1306025 | 22.23% | 1.630% |
| 143 | 20.346 | 20.334 | 20.377 | VV | 47205  | 1149312 | 19.56% | 1.434% |
| 144 | 20.401 | 20.377 | 20.410 | VV | 44987  | 869868  | 14.81% | 1.086% |
| 145 | 20.457 | 20.410 | 20.468 | VV | 52778  | 1657859 | 28.22% | 2.069% |
| 146 | 20.486 | 20.468 | 20.544 | VV | 53542  | 2310536 | 39.33% | 2.884% |
| 147 | 20.558 | 20.544 | 20.571 | VV | 50548  | 796972  | 13.57% | 0.995% |
| 148 | 20.582 | 20.571 | 20.595 | VV | 47868  | 690764  | 11.76% | 0.862% |
| 149 | 20.608 | 20.595 | 20.692 | VV | 48967  | 2402373 | 40.89% | 2.998% |
| 150 | 20.758 | 20.692 | 20.769 | VV | 45283  | 1836441 | 31.26% | 2.292% |
| 151 | 20.782 | 20.769 | 20.828 | VV | 45812  | 1547641 | 26.34% | 1.932% |
| 152 | 20.837 | 20.828 | 20.901 | VV | 40602  | 1494725 | 25.44% | 1.866% |
| 153 | 20.908 | 20.901 | 20.928 | VV | 30672  | 483529  | 8.23%  | 0.604% |
| 154 | 20.962 | 20.928 | 20.970 | VV | 30178  | 729215  | 12.41% | 0.910% |
| 155 | 21.011 | 20.970 | 21.019 | VV | 33735  | 947493  | 16.13% | 1.183% |
| 156 | 21.048 | 21.019 | 21.056 | VV | 37862  | 804404  | 13.69% | 1.004% |
| 157 | 21.068 | 21.056 | 21.250 | VV | 39264  | 3187355 | 54.25% | 3.978% |
| 158 | 21.272 | 21.250 | 21.293 | VV | 12590  | 303352  | 5.16%  | 0.379% |
| 159 | 21.306 | 21.293 | 21.310 | VV | 11819  | 114786  | 1.95%  | 0.143% |
| 160 | 21.419 | 21.310 | 21.460 | VV | 31503  | 2096417 | 35.68% | 2.617% |
| 161 | 21.471 | 21.460 | 21.504 | VV | 26833  | 648412  | 11.04% | 0.809% |
| 162 | 21.519 | 21.504 | 21.534 | VV | 23539  | 398009  | 6.77%  | 0.497% |
| 163 | 21.575 | 21.534 | 21.692 | VV | 26896  | 1598570 | 27.21% | 1.995% |
| 164 | 21.856 | 21.692 | 21.871 | PV | 5165   | 473405  | 8.06%  | 0.591% |
| 165 | 21.882 | 21.871 | 21.890 | VV | 1391   | 12902   | 0.22%  | 0.016% |

Sum of corrected areas: 80120019

Aliphatic EPH 092022.M Fri Oct 14 05:29:44 2022