

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE073123AL\  
 Data File : FE043647.D  
 Signal(s) : FID1B.ch  
 Acq On : 31 Jul 2023 20:12  
 Sample : 03835-02D  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.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         | 3.243       | 3.204        | 3.329      | BV       | -2675          | -114728      | -1.86%         | -0.196%       |
| 2         | 3.391       | 3.329        | 3.423      | PV       | 298            | 5260         | 0.09%          | 0.009%        |
| 3         | 3.447       | 3.423        | 3.528      | VV       | 633            | 10127        | 0.16%          | 0.017%        |
| 4         | 3.540       | 3.528        | 3.559      | VV       | 31             | 908          | 0.01%          | 0.002%        |
| 5         | 3.601       | 3.559        | 3.664      | PV       | 742            | 10616        | 0.17%          | 0.018%        |
| 6         | 3.686       | 3.664        | 3.702      | VV       | 1521           | 17064        | 0.28%          | 0.029%        |
| 7         | 3.739       | 3.702        | 3.834      | VV       | 8617           | 121282       | 1.97%          | 0.207%        |
| 8         | 3.857       | 3.834        | 3.912      | VV       | 5270           | 70700        | 1.15%          | 0.121%        |
| 9         | 3.940       | 3.912        | 3.987      | VV       | 749            | 17012        | 0.28%          | 0.029%        |
| 10        | 4.010       | 3.987        | 4.128      | VV       | 554            | 19607        | 0.32%          | 0.034%        |
| 11        | 4.162       | 4.128        | 4.191      | VV       | 243            | 7001         | 0.11%          | 0.012%        |
| 12        | 4.216       | 4.191        | 4.274      | VV       | 853            | 21352        | 0.35%          | 0.037%        |
| 13        | 4.290       | 4.274        | 4.441      | VV       | 384            | 20134        | 0.33%          | 0.034%        |
| 14        | 4.455       | 4.441        | 4.480      | VV       | 193            | 3476         | 0.06%          | 0.006%        |
| 15        | 4.511       | 4.480        | 4.529      | VV       | 282            | 5595         | 0.09%          | 0.010%        |
| 16        | 4.543       | 4.529        | 4.580      | VV       | 174            | 4513         | 0.07%          | 0.008%        |
| 17        | 4.594       | 4.580        | 4.661      | VV       | 178            | 7337         | 0.12%          | 0.013%        |
| 18        | 4.684       | 4.661        | 4.714      | VV       | 337            | 6884         | 0.11%          | 0.012%        |
| 19        | 4.730       | 4.714        | 4.788      | VV       | 416            | 8679         | 0.14%          | 0.015%        |
| 20        | 4.800       | 4.788        | 4.875      | VV       | 138            | 6428         | 0.10%          | 0.011%        |
| 21        | 4.926       | 4.875        | 4.988      | PV       | 180            | 7603         | 0.12%          | 0.013%        |
| 22        | 5.013       | 4.988        | 5.044      | VV       | 176            | 4676         | 0.08%          | 0.008%        |
| 23        | 5.075       | 5.044        | 5.150      | VV       | 263            | 10018        | 0.16%          | 0.017%        |
| 24        | 5.171       | 5.150        | 5.201      | VV       | 177            | 4046         | 0.07%          | 0.007%        |
| 25        | 5.214       | 5.201        | 5.244      | VV       | 211            | 3498         | 0.06%          | 0.006%        |
| 26        | 5.283       | 5.244        | 5.343      | VV       | 438            | 11082        | 0.18%          | 0.019%        |
| 27        | 5.358       | 5.343        | 5.396      | VV       | 159            | 4183         | 0.07%          | 0.007%        |
| 28        | 5.410       | 5.396        | 5.451      | VV       | 174            | 3937         | 0.06%          | 0.007%        |
| 29        | 5.475       | 5.451        | 5.641      | VV       | 242            | 15882        | 0.26%          | 0.027%        |
| 30        | 5.662       | 5.641        | 5.678      | VV       | 188            | 3012         | 0.05%          | 0.005%        |
| 31        | 5.696       | 5.678        | 5.731      | VV       | 184            | 4365         | 0.07%          | 0.007%        |

|    |        |        |        |    |        |        |       |        |
|----|--------|--------|--------|----|--------|--------|-------|--------|
|    |        |        |        |    | rteres |        |       |        |
| 32 | 5.757  | 5.731  | 5.798  | VV | 324    | 8732   | 0.14% | 0.015% |
| 33 | 5.812  | 5.798  | 5.835  | VV | 149    | 2779   | 0.05% | 0.005% |
| 34 | 5.854  | 5.835  | 5.922  | VV | 197    | 6226   | 0.10% | 0.011% |
| 35 | 6.001  | 5.922  | 6.039  | VV | 147    | 5257   | 0.09% | 0.009% |
| 36 | 6.051  | 6.039  | 6.074  | PV | 53     | 925    | 0.02% | 0.002% |
| 37 | 6.242  | 6.074  | 6.381  | VV | 351    | 27299  | 0.44% | 0.047% |
| 38 | 6.400  | 6.381  | 6.454  | VV | 219    | 7788   | 0.13% | 0.013% |
| 39 | 6.465  | 6.454  | 6.481  | VV | 158    | 2437   | 0.04% | 0.004% |
| 40 | 6.571  | 6.481  | 6.633  | VV | 251    | 18252  | 0.30% | 0.031% |
| 41 | 6.687  | 6.633  | 6.739  | VV | 335    | 14759  | 0.24% | 0.025% |
| 42 | 6.768  | 6.739  | 6.821  | VV | 295    | 10277  | 0.17% | 0.018% |
| 43 | 6.837  | 6.821  | 6.941  | VV | 170    | 8796   | 0.14% | 0.015% |
| 44 | 6.966  | 6.941  | 6.991  | VV | 116    | 2278   | 0.04% | 0.004% |
| 45 | 7.006  | 6.991  | 7.031  | PV | 138    | 1589   | 0.03% | 0.003% |
| 46 | 7.042  | 7.031  | 7.067  | VV | 70     | 1155   | 0.02% | 0.002% |
| 47 | 7.096  | 7.067  | 7.120  | PV | 461    | 7856   | 0.13% | 0.013% |
| 48 | 7.164  | 7.120  | 7.194  | VV | 362    | 12807  | 0.21% | 0.022% |
| 49 | 7.232  | 7.194  | 7.321  | VV | 971    | 27790  | 0.45% | 0.048% |
| 50 | 7.364  | 7.321  | 7.424  | VV | 452    | 15492  | 0.25% | 0.026% |
| 51 | 7.444  | 7.424  | 7.494  | VV | 525    | 13098  | 0.21% | 0.022% |
| 52 | 7.512  | 7.494  | 7.542  | VV | 313    | 7036   | 0.11% | 0.012% |
| 53 | 7.557  | 7.542  | 7.614  | VV | 270    | 9116   | 0.15% | 0.016% |
| 54 | 7.648  | 7.614  | 7.754  | VV | 677    | 19860  | 0.32% | 0.034% |
| 55 | 7.772  | 7.754  | 7.831  | VV | 124    | 3064   | 0.05% | 0.005% |
| 56 | 8.418  | 8.381  | 8.461  | VV | 774    | 29340  | 0.48% | 0.050% |
| 57 | 8.487  | 8.461  | 8.654  | VV | 27410  | 398788 | 6.47% | 0.682% |
| 58 | 8.678  | 8.654  | 8.741  | VV | 453    | 14158  | 0.23% | 0.024% |
| 59 | 8.759  | 8.741  | 8.793  | VV | 306    | 5751   | 0.09% | 0.010% |
| 60 | 9.251  | 9.221  | 9.314  | VV | 1741   | 52310  | 0.85% | 0.089% |
| 61 | 9.344  | 9.314  | 9.464  | VV | 868    | 38725  | 0.63% | 0.066% |
| 62 | 9.479  | 9.464  | 9.628  | VV | 237    | 18216  | 0.30% | 0.031% |
| 63 | 9.642  | 9.628  | 9.664  | VV | 230    | 3649   | 0.06% | 0.006% |
| 64 | 9.704  | 9.664  | 9.731  | VV | 487    | 13832  | 0.22% | 0.024% |
| 65 | 9.734  | 9.731  | 9.780  | VV | 462    | 10218  | 0.17% | 0.017% |
| 66 | 9.800  | 9.780  | 9.828  | VV | 306    | 7201   | 0.12% | 0.012% |
| 67 | 9.849  | 9.828  | 9.884  | VV | 240    | 6853   | 0.11% | 0.012% |
| 68 | 9.901  | 9.884  | 9.941  | VV | 212    | 4641   | 0.08% | 0.008% |
| 69 | 9.959  | 9.941  | 10.018 | VV | 242    | 7158   | 0.12% | 0.012% |
| 70 | 10.068 | 10.018 | 10.101 | VV | 354    | 12229  | 0.20% | 0.021% |
| 71 | 10.123 | 10.101 | 10.214 | VV | 840    | 18339  | 0.30% | 0.031% |
| 72 | 10.233 | 10.214 | 10.264 | VV | 220    | 3942   | 0.06% | 0.007% |
| 73 | 10.285 | 10.264 | 10.318 | PV | 213    | 3776   | 0.06% | 0.006% |
| 74 | 10.353 | 10.318 | 10.425 | VV | 101    | 4930   | 0.08% | 0.008% |
| 75 | 10.468 | 10.425 | 10.483 | PV | 170    | 4129   | 0.07% | 0.007% |
| 76 | 10.510 | 10.483 | 10.541 | VV | 279    | 7004   | 0.11% | 0.012% |
| 77 | 10.558 | 10.541 | 10.577 | VV | 212    | 4135   | 0.07% | 0.007% |
| 78 | 10.602 | 10.577 | 10.639 | VV | 327    | 8037   | 0.13% | 0.014% |
| 79 | 10.657 | 10.639 | 10.688 | VV | 229    | 3841   | 0.06% | 0.007% |

|     |        |        |        |    |               |         |         |         |
|-----|--------|--------|--------|----|---------------|---------|---------|---------|
| 80  | 10.785 | 10.688 | 10.808 | VV | rteres<br>560 | 21541   | 0.35%   | 0.037%  |
| 81  | 10.862 | 10.808 | 10.906 | VV | 995           | 27629   | 0.45%   | 0.047%  |
| 82  | 10.965 | 10.906 | 11.034 | VV | 467           | 20248   | 0.33%   | 0.035%  |
| 83  | 11.082 | 11.034 | 11.141 | VV | 421           | 12907   | 0.21%   | 0.022%  |
| 84  | 11.191 | 11.141 | 11.225 | VV | 232           | 10172   | 0.16%   | 0.017%  |
| 85  | 11.261 | 11.225 | 11.291 | VV | 255           | 7770    | 0.13%   | 0.013%  |
| 86  | 11.312 | 11.291 | 11.400 | VV | 319           | 9292    | 0.15%   | 0.016%  |
| 87  | 11.435 | 11.400 | 11.471 | VV | 124           | 3488    | 0.06%   | 0.006%  |
| 88  | 11.497 | 11.471 | 11.525 | VV | 1042          | 15261   | 0.25%   | 0.026%  |
| 89  | 11.566 | 11.525 | 11.631 | VV | 1383          | 25692   | 0.42%   | 0.044%  |
| 90  | 11.655 | 11.631 | 11.696 | VV | 491           | 10219   | 0.17%   | 0.017%  |
| 91  | 11.728 | 11.696 | 11.744 | PV | 227           | 3690    | 0.06%   | 0.006%  |
| 92  | 11.761 | 11.744 | 11.822 | VV | 250           | 5164    | 0.08%   | 0.009%  |
| 93  | 11.886 | 11.822 | 11.998 | VV | 558717        | 6165731 | 100.00% | 10.542% |
| 94  | 12.021 | 11.998 | 12.114 | VV | 629           | 29758   | 0.48%   | 0.051%  |
| 95  | 12.122 | 12.114 | 12.147 | VV | 223           | 3505    | 0.06%   | 0.006%  |
| 96  | 12.173 | 12.147 | 12.199 | VV | 396           | 7771    | 0.13%   | 0.013%  |
| 97  | 12.235 | 12.199 | 12.265 | VV | 997           | 19003   | 0.31%   | 0.032%  |
| 98  | 12.291 | 12.265 | 12.421 | VV | 1148          | 27363   | 0.44%   | 0.047%  |
| 99  | 12.436 | 12.421 | 12.454 | PV | 138           | 2152    | 0.03%   | 0.004%  |
| 100 | 12.490 | 12.454 | 12.578 | VV | 2206          | 36949   | 0.60%   | 0.063%  |
| 101 | 12.618 | 12.578 | 12.661 | VV | 303           | 9395    | 0.15%   | 0.016%  |
| 102 | 12.690 | 12.661 | 12.758 | VV | 430           | 11519   | 0.19%   | 0.020%  |
| 103 | 12.821 | 12.758 | 12.851 | VV | 376           | 10660   | 0.17%   | 0.018%  |
| 104 | 12.875 | 12.851 | 12.934 | VV | 1300          | 23143   | 0.38%   | 0.040%  |
| 105 | 12.966 | 12.934 | 13.057 | VV | 434           | 15958   | 0.26%   | 0.027%  |
| 106 | 13.076 | 13.057 | 13.101 | VV | 80            | 1191    | 0.02%   | 0.002%  |
| 107 | 13.200 | 13.101 | 13.217 | PV | 147           | 8978    | 0.15%   | 0.015%  |
| 108 | 13.261 | 13.217 | 13.281 | VV | 404           | 9226    | 0.15%   | 0.016%  |
| 109 | 13.323 | 13.281 | 13.464 | VV | 381547        | 4630679 | 75.10%  | 7.918%  |
| 110 | 13.488 | 13.464 | 13.515 | VV | 1340          | 24352   | 0.39%   | 0.042%  |
| 111 | 13.543 | 13.515 | 13.583 | VV | 1123          | 25104   | 0.41%   | 0.043%  |
| 112 | 13.606 | 13.583 | 13.674 | VV | 437           | 11745   | 0.19%   | 0.020%  |
| 113 | 13.711 | 13.674 | 13.733 | VV | 264           | 5200    | 0.08%   | 0.009%  |
| 114 | 13.758 | 13.733 | 13.774 | VV | 184           | 3509    | 0.06%   | 0.006%  |
| 115 | 13.788 | 13.774 | 13.807 | VV | 134           | 1722    | 0.03%   | 0.003%  |
| 116 | 13.933 | 13.807 | 13.958 | PV | 202           | 10482   | 0.17%   | 0.018%  |
| 117 | 14.026 | 13.958 | 14.051 | VV | 812           | 17099   | 0.28%   | 0.029%  |
| 118 | 14.073 | 14.051 | 14.147 | VV | 2081          | 38488   | 0.62%   | 0.066%  |
| 119 | 14.209 | 14.147 | 14.254 | VV | 210           | 8806    | 0.14%   | 0.015%  |
| 120 | 14.387 | 14.254 | 14.405 | PV | 184           | 17574   | 0.29%   | 0.030%  |
| 121 | 14.511 | 14.405 | 14.544 | VV | 1373          | 46406   | 0.75%   | 0.079%  |
| 122 | 14.580 | 14.544 | 14.608 | VV | 697           | 18379   | 0.30%   | 0.031%  |
| 123 | 14.636 | 14.608 | 14.664 | VV | 2319          | 35639   | 0.58%   | 0.061%  |
| 124 | 14.698 | 14.664 | 14.744 | VV | 950           | 26804   | 0.43%   | 0.046%  |
| 125 | 14.754 | 14.744 | 14.811 | VV | 396           | 8191    | 0.13%   | 0.014%  |
| 126 | 14.886 | 14.811 | 14.911 | PV | 336           | 9273    | 0.15%   | 0.016%  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 127 | 15.176 | 14.911 | 15.203 | PV | 2604   | 56773   | 0.92%  | 0.097%  |
| 128 | 15.225 | 15.203 | 15.265 | VV | 1022   | 17274   | 0.28%  | 0.030%  |
| 129 | 15.370 | 15.265 | 15.395 | VV | 309    | 14998   | 0.24%  | 0.026%  |
| 130 | 15.581 | 15.395 | 15.671 | PV | 6772   | 242020  | 3.93%  | 0.414%  |
| 131 | 15.696 | 15.671 | 15.733 | VV | 3176   | 58286   | 0.95%  | 0.100%  |
| 132 | 15.766 | 15.733 | 15.808 | VV | 5392   | 80383   | 1.30%  | 0.137%  |
| 133 | 15.825 | 15.808 | 15.864 | VV | 588    | 11915   | 0.19%  | 0.020%  |
| 134 | 16.018 | 15.864 | 16.041 | VV | 390    | 13757   | 0.22%  | 0.024%  |
| 135 | 16.198 | 16.041 | 16.238 | PV | 2779   | 52381   | 0.85%  | 0.090%  |
| 136 | 16.268 | 16.238 | 16.290 | VV | 519    | 8547    | 0.14%  | 0.015%  |
| 137 | 16.406 | 16.290 | 16.424 | PV | 397    | 8120    | 0.13%  | 0.014%  |
| 138 | 16.501 | 16.424 | 16.517 | PV | 660    | 12771   | 0.21%  | 0.022%  |
| 139 | 16.682 | 16.517 | 16.715 | VV | 3030   | 85995   | 1.39%  | 0.147%  |
| 140 | 16.760 | 16.715 | 16.791 | VV | 897    | 19488   | 0.32%  | 0.033%  |
| 141 | 16.835 | 16.791 | 16.854 | VV | 774    | 17987   | 0.29%  | 0.031%  |
| 142 | 16.892 | 16.854 | 16.909 | PV | 579    | 10587   | 0.17%  | 0.018%  |
| 143 | 17.149 | 16.909 | 17.219 | PV | 3683   | 110213  | 1.79%  | 0.188%  |
| 144 | 17.239 | 17.219 | 17.256 | VV | 698    | 10680   | 0.17%  | 0.018%  |
| 145 | 17.391 | 17.256 | 17.411 | PV | 991    | 21541   | 0.35%  | 0.037%  |
| 146 | 17.599 | 17.411 | 17.643 | PV | 4553   | 159872  | 2.59%  | 0.273%  |
| 147 | 17.710 | 17.643 | 17.734 | VV | 1432   | 55980   | 0.91%  | 0.096%  |
| 148 | 17.787 | 17.734 | 17.811 | VV | 1281   | 41977   | 0.68%  | 0.072%  |
| 149 | 18.037 | 17.811 | 18.078 | VV | 6651   | 248271  | 4.03%  | 0.425%  |
| 150 | 18.089 | 18.078 | 18.108 | VV | 977    | 11487   | 0.19%  | 0.020%  |
| 151 | 18.183 | 18.108 | 18.202 | PV | 3348   | 91209   | 1.48%  | 0.156%  |
| 152 | 18.222 | 18.202 | 18.251 | VV | 2170   | 50995   | 0.83%  | 0.087%  |
| 153 | 18.459 | 18.251 | 18.488 | VV | 7442   | 472089  | 7.66%  | 0.807%  |
| 154 | 18.548 | 18.488 | 18.588 | VV | 4797   | 208071  | 3.37%  | 0.356%  |
| 155 | 18.869 | 18.588 | 18.914 | VV | 10481  | 791537  | 12.84% | 1.353%  |
| 156 | 18.969 | 18.914 | 18.990 | VV | 8525   | 273586  | 4.44%  | 0.468%  |
| 157 | 19.023 | 18.990 | 19.064 | VV | 7894   | 307475  | 4.99%  | 0.526%  |
| 158 | 19.148 | 19.064 | 19.163 | VV | 7839   | 395688  | 6.42%  | 0.677%  |
| 159 | 19.273 | 19.163 | 19.328 | VV | 13495  | 969790  | 15.73% | 1.658%  |
| 160 | 19.429 | 19.328 | 19.451 | VV | 12271  | 874404  | 14.18% | 1.495%  |
| 161 | 19.655 | 19.451 | 19.694 | VV | 19080  | 2083934 | 33.80% | 3.563%  |
| 162 | 19.719 | 19.694 | 19.748 | VV | 18192  | 556659  | 9.03%  | 0.952%  |
| 163 | 19.766 | 19.748 | 19.811 | VV | 18394  | 657386  | 10.66% | 1.124%  |
| 164 | 19.958 | 19.811 | 19.975 | VV | 22010  | 1852382 | 30.04% | 3.167%  |
| 165 | 20.026 | 19.975 | 20.052 | VV | 25899  | 1095680 | 17.77% | 1.873%  |
| 166 | 20.107 | 20.052 | 20.124 | VV | 26089  | 1067683 | 17.32% | 1.826%  |
| 167 | 20.156 | 20.124 | 20.170 | VV | 26421  | 708049  | 11.48% | 1.211%  |
| 168 | 20.212 | 20.170 | 20.228 | VV | 27255  | 910655  | 14.77% | 1.557%  |
| 169 | 20.400 | 20.228 | 20.438 | VV | 38873  | 3927085 | 63.69% | 6.715%  |
| 170 | 20.458 | 20.438 | 20.494 | VV | 36975  | 1218450 | 19.76% | 2.083%  |
| 171 | 20.559 | 20.494 | 20.581 | VV | 38179  | 1873883 | 30.39% | 3.204%  |
| 172 | 20.746 | 20.581 | 20.822 | VV | 46093  | 5855036 | 94.96% | 10.011% |
| 173 | 20.929 | 20.822 | 20.958 | VV | 39642  | 3061422 | 49.65% | 5.235%  |
| 174 | 21.021 | 20.958 | 21.108 | VV | 38851  | 3298519 | 53.50% | 5.640%  |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 175 | 21.129 | 21.108 | 21.164 | VV | 34763                   | 1100013  | 17.84% | 1.881% |
| 176 | 21.178 | 21.164 | 21.194 | VV | 31440                   | 543854   | 8.82%  | 0.930% |
| 177 | 21.238 | 21.194 | 21.281 | VV | 31652                   | 1601994  | 25.98% | 2.739% |
| 178 | 21.300 | 21.281 | 21.424 | VV | 29181                   | 2177693  | 35.32% | 3.724% |
| 179 | 21.443 | 21.424 | 21.489 | VV | 23418                   | 865914   | 14.04% | 1.481% |
| 180 | 21.562 | 21.489 | 21.771 | VV | 26254                   | 3269951  | 53.03% | 5.591% |
| 181 | 21.839 | 21.771 | 21.888 | VV | 11587                   | 774924   | 12.57% | 1.325% |
| 182 | 21.939 | 21.888 | 21.998 | VV | 10888                   | 652177   | 10.58% | 1.115% |
| 183 | 22.043 | 21.998 | 22.184 | VV | 12392                   | 793145   | 12.86% | 1.356% |
|     |        |        |        |    | Sum of corrected areas: | 58484881 |        |        |

Aliphatic EPH 071323.M Tue Aug 01 05:15:47 2023