

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111618AL\  
 Data File : FC037751.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Nov 2018 16:58  
 Sample : J5956-06DL 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 111318.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         | 3.076       | 3.042        | 3.099      | BV       | 174            | 2496         | 0.18%          | 0.023%        |
| 2         | 3.113       | 3.099        | 3.136      | PV       | 132            | 3382         | 0.24%          | 0.031%        |
| 3         | 3.148       | 3.136        | 3.178      | VV       | 236            | 3540         | 0.25%          | 0.033%        |
| 4         | 3.193       | 3.178        | 3.210      | VV       | 220            | 2774         | 0.20%          | 0.026%        |
| 5         | 3.216       | 3.210        | 3.252      | VV       | 173            | 2578         | 0.18%          | 0.024%        |
| 6         | 3.264       | 3.252        | 3.307      | PV       | 164            | 3078         | 0.22%          | 0.028%        |
| 7         | 3.321       | 3.307        | 3.333      | VV       | 139            | 1645         | 0.12%          | 0.015%        |
| 8         | 3.343       | 3.333        | 3.352      | VV       | 214            | 1315         | 0.09%          | 0.012%        |
| 9         | 3.395       | 3.380        | 3.414      | VV       | 220            | 2272         | 0.16%          | 0.021%        |
| 10        | 3.430       | 3.414        | 3.454      | VV       | 119            | 2752         | 0.20%          | 0.025%        |
| 11        | 3.480       | 3.454        | 3.496      | VV       | 194            | 2772         | 0.20%          | 0.026%        |
| 12        | 3.508       | 3.496        | 3.530      | VV       | 298            | 2522         | 0.18%          | 0.023%        |
| 13        | 3.534       | 3.530        | 3.551      | VV       | 218            | 1516         | 0.11%          | 0.014%        |
| 14        | 3.562       | 3.551        | 3.577      | VV       | 171            | 1748         | 0.12%          | 0.016%        |
| 15        | 3.586       | 3.577        | 3.602      | VV       | 148            | 1695         | 0.12%          | 0.016%        |
| 16        | 3.635       | 3.602        | 3.644      | VV       | 166            | 3295         | 0.23%          | 0.030%        |
| 17        | 3.720       | 3.644        | 3.750      | VV       | 287            | 9867         | 0.70%          | 0.091%        |
| 18        | 3.755       | 3.750        | 3.818      | VV       | 229            | 4792         | 0.34%          | 0.044%        |
| 19        | 3.829       | 3.818        | 3.902      | VV       | 265            | 7106         | 0.50%          | 0.066%        |
| 20        | 3.912       | 3.902        | 3.928      | VV       | 140            | 1409         | 0.10%          | 0.013%        |
| 21        | 3.944       | 3.928        | 3.958      | VV       | 149            | 2193         | 0.16%          | 0.020%        |
| 22        | 3.979       | 3.958        | 4.021      | VV       | 168            | 4666         | 0.33%          | 0.043%        |
| 23        | 4.053       | 4.021        | 4.119      | VV       | 157            | 7005         | 0.50%          | 0.065%        |
| 24        | 4.128       | 4.119        | 4.160      | VV       | 140            | 2485         | 0.18%          | 0.023%        |
| 25        | 4.175       | 4.160        | 4.238      | VV       | 178            | 6211         | 0.44%          | 0.057%        |
| 26        | 4.247       | 4.238        | 4.254      | VV       | 149            | 1121         | 0.08%          | 0.010%        |
| 27        | 4.263       | 4.254        | 4.278      | VV       | 197            | 1834         | 0.13%          | 0.017%        |
| 28        | 4.297       | 4.278        | 4.348      | VV       | 230            | 6424         | 0.46%          | 0.059%        |
| 29        | 4.354       | 4.348        | 4.428      | VV       | 229            | 7892         | 0.56%          | 0.073%        |
| 30        | 4.434       | 4.428        | 4.515      | VV       | 133            | 6075         | 0.43%          | 0.056%        |
| 31        | 4.525       | 4.515        | 4.573      | VV       | 120            | 3482         | 0.25%          | 0.032%        |
| 32        | 4.587       | 4.573        | 4.718      | VV       | 174            | 9176         | 0.65%          | 0.085%        |
| 33        | 4.743       | 4.718        | 4.769      | VV       | 120            | 2423         | 0.17%          | 0.022%        |
| 34        | 4.785       | 4.769        | 4.795      | PV       | 148            | 1657         | 0.12%          | 0.015%        |
| 35        | 4.821       | 4.795        | 4.865      | VV       | 299            | 5454         | 0.39%          | 0.050%        |
| 36        | 4.877       | 4.865        | 4.912      | VV       | 167            | 2726         | 0.19%          | 0.025%        |

|    |        |        |        |    |            |       |       |        |
|----|--------|--------|--------|----|------------|-------|-------|--------|
|    |        |        |        |    | rteres.txt |       |       |        |
| 37 | 4.928  | 4.912  | 5.075  | VV | 138        | 9393  | 0.67% | 0.087% |
| 38 | 5.078  | 5.075  | 5.115  | VV | 181        | 1968  | 0.14% | 0.018% |
| 39 | 5.168  | 5.115  | 5.211  | VV | 128        | 4854  | 0.34% | 0.045% |
| 40 | 5.228  | 5.211  | 5.251  | VV | 176        | 2881  | 0.20% | 0.027% |
| 41 | 5.268  | 5.251  | 5.301  | VV | 139        | 3969  | 0.28% | 0.037% |
| 42 | 5.327  | 5.301  | 5.431  | VV | 220        | 9015  | 0.64% | 0.083% |
| 43 | 5.512  | 5.431  | 5.575  | VV | 147        | 9380  | 0.66% | 0.087% |
| 44 | 5.594  | 5.575  | 5.691  | VV | 196        | 7748  | 0.55% | 0.072% |
| 45 | 5.709  | 5.691  | 5.748  | VV | 134        | 2910  | 0.21% | 0.027% |
| 46 | 5.774  | 5.748  | 5.848  | VV | 212        | 8449  | 0.60% | 0.078% |
| 47 | 5.865  | 5.848  | 5.905  | VV | 280        | 5838  | 0.41% | 0.054% |
| 48 | 5.933  | 5.905  | 5.988  | VV | 240        | 8570  | 0.61% | 0.079% |
| 49 | 5.996  | 5.988  | 6.066  | VV | 143        | 3552  | 0.25% | 0.033% |
| 50 | 6.154  | 6.066  | 6.216  | VV | 163        | 7621  | 0.54% | 0.070% |
| 51 | 6.235  | 6.216  | 6.252  | VV | 136        | 1748  | 0.12% | 0.016% |
| 52 | 6.284  | 6.252  | 6.321  | VV | 127        | 3157  | 0.22% | 0.029% |
| 53 | 6.352  | 6.321  | 6.451  | VV | 165        | 4712  | 0.33% | 0.044% |
| 54 | 6.533  | 6.451  | 6.591  | VV | 168        | 6635  | 0.47% | 0.061% |
| 55 | 6.622  | 6.591  | 6.658  | PV | 185        | 3749  | 0.27% | 0.035% |
| 56 | 6.681  | 6.658  | 6.777  | VV | 190        | 7384  | 0.52% | 0.068% |
| 57 | 6.795  | 6.777  | 6.851  | VV | 205        | 5930  | 0.42% | 0.055% |
| 58 | 6.859  | 6.851  | 6.929  | VV | 162        | 5631  | 0.40% | 0.052% |
| 59 | 6.961  | 6.929  | 7.008  | VV | 130        | 5551  | 0.39% | 0.051% |
| 60 | 7.020  | 7.008  | 7.048  | VV | 146        | 2917  | 0.21% | 0.027% |
| 61 | 7.068  | 7.048  | 7.138  | VV | 212        | 6356  | 0.45% | 0.059% |
| 62 | 7.177  | 7.138  | 7.248  | VV | 189        | 6343  | 0.45% | 0.059% |
| 63 | 7.399  | 7.248  | 7.435  | VV | 224        | 12596 | 0.89% | 0.116% |
| 64 | 7.531  | 7.435  | 7.674  | VV | 1001       | 47448 | 3.36% | 0.439% |
| 65 | 7.701  | 7.674  | 7.725  | VV | 101        | 3109  | 0.22% | 0.029% |
| 66 | 7.760  | 7.725  | 7.786  | VV | 143        | 4128  | 0.29% | 0.038% |
| 67 | 7.798  | 7.786  | 7.830  | VV | 153        | 3170  | 0.22% | 0.029% |
| 68 | 7.851  | 7.830  | 7.875  | VV | 199        | 3876  | 0.27% | 0.036% |
| 69 | 7.925  | 7.875  | 7.965  | VV | 199        | 9422  | 0.67% | 0.087% |
| 70 | 7.984  | 7.965  | 8.016  | VV | 265        | 5525  | 0.39% | 0.051% |
| 71 | 8.044  | 8.016  | 8.191  | VV | 1257       | 34036 | 2.41% | 0.315% |
| 72 | 8.237  | 8.191  | 8.299  | PV | 171        | 6239  | 0.44% | 0.058% |
| 73 | 8.426  | 8.299  | 8.467  | VV | 192        | 12387 | 0.88% | 0.115% |
| 74 | 8.503  | 8.467  | 8.610  | VV | 222        | 10784 | 0.76% | 0.100% |
| 75 | 8.700  | 8.610  | 8.768  | VV | 280        | 14356 | 1.02% | 0.133% |
| 76 | 8.797  | 8.768  | 8.841  | VV | 298        | 8654  | 0.61% | 0.080% |
| 77 | 8.988  | 8.841  | 9.108  | VV | 1766       | 48286 | 3.42% | 0.446% |
| 78 | 9.172  | 9.108  | 9.198  | VV | 219        | 6084  | 0.43% | 0.056% |
| 79 | 9.214  | 9.198  | 9.339  | VV | 117        | 9293  | 0.66% | 0.086% |
| 80 | 9.403  | 9.339  | 9.475  | VV | 191        | 8627  | 0.61% | 0.080% |
| 81 | 9.503  | 9.475  | 9.544  | VV | 195        | 6138  | 0.43% | 0.057% |
| 82 | 9.574  | 9.544  | 9.635  | VV | 420        | 11667 | 0.83% | 0.108% |
| 83 | 9.653  | 9.635  | 9.710  | VV | 193        | 5723  | 0.41% | 0.053% |
| 84 | 9.728  | 9.710  | 9.808  | VV | 143        | 4778  | 0.34% | 0.044% |
| 85 | 9.858  | 9.808  | 9.888  | VV | 160        | 4126  | 0.29% | 0.038% |
| 86 | 9.960  | 9.888  | 10.025 | PV | 235        | 9440  | 0.67% | 0.087% |
| 87 | 10.070 | 10.025 | 10.125 | VV | 159        | 7016  | 0.50% | 0.065% |
| 88 | 10.131 | 10.125 | 10.185 | VV | 118        | 3244  | 0.23% | 0.030% |
| 89 | 10.292 | 10.185 | 10.365 | VV | 964        | 30960 | 2.19% | 0.286% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 90  | 10.383 | 10.365 | 10.511 | VV | 331        | 12050  | 0.85%  | 0.111% |
| 91  | 10.566 | 10.511 | 10.606 | PV | 167        | 6484   | 0.46%  | 0.060% |
| 92  | 10.696 | 10.606 | 10.788 | VV | 186        | 15461  | 1.10%  | 0.143% |
| 93  | 10.854 | 10.788 | 10.898 | VV | 142        | 6028   | 0.43%  | 0.056% |
| 94  | 10.940 | 10.898 | 10.981 | VV | 195        | 7374   | 0.52%  | 0.068% |
| 95  | 11.007 | 10.981 | 11.078 | VV | 379        | 11304  | 0.80%  | 0.105% |
| 96  | 11.097 | 11.078 | 11.143 | VV | 234        | 5308   | 0.38%  | 0.049% |
| 97  | 11.183 | 11.143 | 11.248 | VV | 177        | 5694   | 0.40%  | 0.053% |
| 98  | 11.302 | 11.248 | 11.381 | PV | 28602      | 325927 | 23.09% | 3.014% |
| 99  | 11.418 | 11.381 | 11.508 | VV | 596        | 19698  | 1.40%  | 0.182% |
| 100 | 11.520 | 11.508 | 11.568 | VV | 182        | 4069   | 0.29%  | 0.038% |
| 101 | 11.608 | 11.568 | 11.628 | PV | 132        | 2723   | 0.19%  | 0.025% |
| 102 | 11.672 | 11.628 | 11.714 | VV | 374        | 8850   | 0.63%  | 0.082% |
| 103 | 11.873 | 11.714 | 11.905 | PV | 178        | 13607  | 0.96%  | 0.126% |
| 104 | 11.939 | 11.905 | 12.083 | VV | 869        | 48154  | 3.41%  | 0.445% |
| 105 | 12.107 | 12.083 | 12.163 | VV | 297        | 11233  | 0.80%  | 0.104% |
| 106 | 12.234 | 12.163 | 12.283 | VV | 257        | 12722  | 0.90%  | 0.118% |
| 107 | 12.351 | 12.283 | 12.406 | VV | 753        | 24950  | 1.77%  | 0.231% |
| 108 | 12.436 | 12.406 | 12.476 | VV | 403        | 9758   | 0.69%  | 0.090% |
| 109 | 12.556 | 12.476 | 12.608 | VV | 144        | 5965   | 0.42%  | 0.055% |
| 110 | 12.642 | 12.608 | 12.716 | PV | 804        | 20049  | 1.42%  | 0.185% |
| 111 | 12.747 | 12.716 | 12.885 | VV | 13292      | 207106 | 14.67% | 1.915% |
| 112 | 12.920 | 12.885 | 13.003 | VV | 281        | 11355  | 0.80%  | 0.105% |
| 113 | 13.049 | 13.003 | 13.070 | PV | 103        | 2448   | 0.17%  | 0.023% |
| 114 | 13.186 | 13.070 | 13.203 | VV | 471        | 16233  | 1.15%  | 0.150% |
| 115 | 13.215 | 13.203 | 13.230 | VV | 364        | 5702   | 0.40%  | 0.053% |
| 116 | 13.240 | 13.230 | 13.296 | VV | 311        | 9662   | 0.68%  | 0.089% |
| 117 | 13.312 | 13.296 | 13.336 | VV | 257        | 5384   | 0.38%  | 0.050% |
| 118 | 13.369 | 13.336 | 13.430 | VV | 487        | 13532  | 0.96%  | 0.125% |
| 119 | 13.500 | 13.430 | 13.525 | VV | 443        | 12024  | 0.85%  | 0.111% |
| 120 | 13.538 | 13.525 | 13.556 | VV | 177        | 2468   | 0.17%  | 0.023% |
| 121 | 13.592 | 13.556 | 13.675 | VV | 103        | 4807   | 0.34%  | 0.044% |
| 122 | 13.748 | 13.675 | 13.776 | VV | 99         | 4046   | 0.29%  | 0.037% |
| 123 | 13.978 | 13.821 | 14.021 | VV | 182        | 10232  | 0.72%  | 0.095% |
| 124 | 14.059 | 14.021 | 14.108 | VV | 313        | 7316   | 0.52%  | 0.068% |
| 125 | 14.218 | 14.108 | 14.256 | PV | 499        | 14632  | 1.04%  | 0.135% |
| 126 | 14.322 | 14.256 | 14.354 | VV | 116        | 4858   | 0.34%  | 0.045% |
| 127 | 14.438 | 14.354 | 14.457 | VV | 176        | 3692   | 0.26%  | 0.034% |
| 128 | 14.558 | 14.457 | 14.623 | PV | 630        | 30513  | 2.16%  | 0.282% |
| 129 | 14.698 | 14.623 | 14.736 | VV | 215        | 12144  | 0.86%  | 0.112% |
| 130 | 14.748 | 14.736 | 14.800 | VV | 145        | 2953   | 0.21%  | 0.027% |
| 131 | 15.012 | 14.800 | 15.089 | PV | 648        | 17278  | 1.22%  | 0.160% |
| 132 | 15.117 | 15.089 | 15.137 | VV | 623        | 5020   | 0.36%  | 0.046% |
| 133 | 15.165 | 15.137 | 15.203 | VV | 237        | 5249   | 0.37%  | 0.049% |
| 134 | 15.411 | 15.203 | 15.445 | PV | 169        | 3998   | 0.28%  | 0.037% |
| 135 | 15.613 | 15.445 | 15.662 | PV | 717        | 20156  | 1.43%  | 0.186% |
| 136 | 15.759 | 15.662 | 15.796 | PV | 429        | 8589   | 0.61%  | 0.079% |
| 137 | 16.095 | 15.796 | 16.130 | VV | 2037       | 109727 | 7.77%  | 1.015% |
| 138 | 16.154 | 16.130 | 16.174 | VV | 984        | 23800  | 1.69%  | 0.220% |
| 139 | 16.387 | 16.174 | 16.420 | VV | 803        | 90427  | 6.41%  | 0.836% |
| 140 | 16.457 | 16.420 | 16.493 | VV | 1092       | 27177  | 1.93%  | 0.251% |
| 141 | 16.559 | 16.493 | 16.615 | VV | 2389       | 45845  | 3.25%  | 0.424% |

|     |        |        |        |    |                         |          |         |         |  |
|-----|--------|--------|--------|----|-------------------------|----------|---------|---------|--|
|     |        |        |        |    | rteres.txt              |          |         |         |  |
| 142 | 16.849 | 16.615 | 16.877 | VV | 550                     | 19747    | 1.40%   | 0.183%  |  |
| 143 | 16.931 | 16.877 | 16.948 | VV | 443                     | 8227     | 0.58%   | 0.076%  |  |
| 144 | 17.009 | 16.948 | 17.039 | VV | 2591                    | 43850    | 3.11%   | 0.405%  |  |
| 145 | 17.112 | 17.039 | 17.142 | VV | 812                     | 22536    | 1.60%   | 0.208%  |  |
| 146 | 17.444 | 17.142 | 17.476 | PV | 3219                    | 31906    | 2.26%   | 0.295%  |  |
| 147 | 17.552 | 17.476 | 17.568 | VV | 536                     | 13643    | 0.97%   | 0.126%  |  |
| 148 | 17.724 | 17.568 | 17.782 | VV | 1140                    | 46973    | 3.33%   | 0.434%  |  |
| 149 | 17.864 | 17.782 | 17.895 | PV | 3124                    | 54994    | 3.90%   | 0.508%  |  |
| 150 | 17.919 | 17.895 | 17.936 | VV | 276                     | 4651     | 0.33%   | 0.043%  |  |
| 151 | 18.273 | 17.936 | 18.329 | PV | 2646                    | 91545    | 6.49%   | 0.846%  |  |
| 152 | 18.399 | 18.329 | 18.419 | VV | 491                     | 23500    | 1.67%   | 0.217%  |  |
| 153 | 18.668 | 18.419 | 18.696 | PV | 2059                    | 15063    | 1.07%   | 0.139%  |  |
| 154 | 18.843 | 18.696 | 18.875 | VV | 1202                    | 26468    | 1.88%   | 0.245%  |  |
| 155 | 18.916 | 18.875 | 18.937 | VV | 571                     | 11463    | 0.81%   | 0.106%  |  |
| 156 | 19.037 | 18.937 | 19.086 | PV | 13759                   | 104008   | 7.37%   | 0.962%  |  |
| 157 | 19.359 | 19.086 | 19.396 | VV | 4206                    | 369329   | 26.17%  | 3.415%  |  |
| 158 | 19.427 | 19.396 | 19.455 | VV | 4313                    | 130534   | 9.25%   | 1.207%  |  |
| 159 | 19.617 | 19.455 | 19.650 | VV | 5965                    | 547051   | 38.76%  | 5.058%  |  |
| 160 | 19.664 | 19.650 | 19.683 | VV | 5450                    | 105378   | 7.47%   | 0.974%  |  |
| 161 | 19.703 | 19.683 | 19.734 | VV | 4902                    | 142413   | 10.09%  | 1.317%  |  |
| 162 | 19.854 | 19.734 | 19.874 | VV | 7969                    | 483964   | 34.29%  | 4.475%  |  |
| 163 | 20.005 | 19.874 | 20.113 | VV | 8793                    | 1161688  | 82.31%  | 10.741% |  |
| 164 | 20.318 | 20.113 | 20.346 | VV | 14298                   | 1411327  | 100.00% | 13.049% |  |
| 165 | 20.363 | 20.346 | 20.469 | VV | 13991                   | 941252   | 66.69%  | 8.703%  |  |
| 166 | 20.502 | 20.469 | 20.543 | VV | 12266                   | 508593   | 36.04%  | 4.702%  |  |
| 167 | 20.627 | 20.543 | 20.661 | VV | 10908                   | 766127   | 54.28%  | 7.084%  |  |
| 168 | 20.706 | 20.661 | 20.747 | VV | 11207                   | 525652   | 37.25%  | 4.860%  |  |
| 169 | 20.778 | 20.747 | 20.917 | VV | 9579                    | 725692   | 51.42%  | 6.710%  |  |
| 170 | 20.981 | 20.917 | 21.118 | VV | 5460                    | 450380   | 31.91%  | 4.164%  |  |
| 171 | 21.153 | 21.118 | 21.204 | VV | 1242                    | 44916    | 3.18%   | 0.415%  |  |
| 172 | 21.352 | 21.204 | 21.375 | PV | 1113                    | 56144    | 3.98%   | 0.519%  |  |
|     |        |        |        |    | Sum of corrected areas: | 10815548 |         |         |  |

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