

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC052419AL\  
 Data File : FC041486.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 May 2019 00:20  
 Sample : K2643-09  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 051519.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         | 3.480       | 3.452        | 3.497      | BV       | 325            | 4080         | 0.10%          | 0.004%        |
| 2         | 3.500       | 3.497        | 3.546      | VV       | 154            | 2734         | 0.07%          | 0.003%        |
| 3         | 3.554       | 3.546        | 3.569      | VV       | 155            | 1178         | 0.03%          | 0.001%        |
| 4         | 3.576       | 3.569        | 3.607      | PV       | 149            | 1881         | 0.05%          | 0.002%        |
| 5         | 3.636       | 3.623        | 3.670      | VV       | 151            | 2377         | 0.06%          | 0.002%        |
| 6         | 3.683       | 3.670        | 3.715      | VV       | 164            | 2665         | 0.07%          | 0.003%        |
| 7         | 3.756       | 3.736        | 3.766      | VV       | 144            | 1827         | 0.05%          | 0.002%        |
| 8         | 3.778       | 3.766        | 3.796      | VV       | 240            | 2244         | 0.06%          | 0.002%        |
| 9         | 3.856       | 3.837        | 3.884      | VV       | 252            | 3453         | 0.09%          | 0.004%        |
| 10        | 3.891       | 3.884        | 3.912      | VV       | 180            | 1673         | 0.04%          | 0.002%        |
| 11        | 3.931       | 3.912        | 3.947      | VV       | 208            | 2725         | 0.07%          | 0.003%        |
| 12        | 3.983       | 3.947        | 4.017      | VV       | 265            | 5739         | 0.15%          | 0.006%        |
| 13        | 4.032       | 4.017        | 4.047      | VV       | 289            | 2399         | 0.06%          | 0.002%        |
| 14        | 4.081       | 4.047        | 4.091      | VV       | 205            | 3366         | 0.09%          | 0.003%        |
| 15        | 4.096       | 4.091        | 4.112      | VV       | 176            | 1610         | 0.04%          | 0.002%        |
| 16        | 4.130       | 4.112        | 4.223      | VV       | 1954           | 27108        | 0.69%          | 0.028%        |
| 17        | 4.244       | 4.223        | 4.272      | VV       | 219            | 3988         | 0.10%          | 0.004%        |
| 18        | 4.321       | 4.272        | 4.337      | VV       | 343            | 8195         | 0.21%          | 0.008%        |
| 19        | 4.350       | 4.337        | 4.391      | VV       | 337            | 6725         | 0.17%          | 0.007%        |
| 20        | 4.398       | 4.391        | 4.409      | VV       | 184            | 1484         | 0.04%          | 0.002%        |
| 21        | 4.420       | 4.409        | 4.443      | VV       | 226            | 2119         | 0.05%          | 0.002%        |
| 22        | 4.463       | 4.443        | 4.494      | VV       | 159            | 3152         | 0.08%          | 0.003%        |
| 23        | 4.510       | 4.494        | 4.536      | VV       | 161            | 3347         | 0.08%          | 0.003%        |
| 24        | 4.551       | 4.536        | 4.582      | VV       | 279            | 4311         | 0.11%          | 0.004%        |
| 25        | 4.599       | 4.582        | 4.616      | VV       | 328            | 3769         | 0.10%          | 0.004%        |
| 26        | 4.629       | 4.616        | 4.664      | VV       | 238            | 4010         | 0.10%          | 0.004%        |
| 27        | 4.673       | 4.664        | 4.686      | VV       | 157            | 1412         | 0.04%          | 0.001%        |
| 28        | 4.700       | 4.686        | 4.741      | VV       | 607            | 8378         | 0.21%          | 0.009%        |
| 29        | 4.775       | 4.741        | 4.796      | VV       | 436            | 9324         | 0.24%          | 0.010%        |
| 30        | 4.805       | 4.796        | 4.827      | VV       | 393            | 4026         | 0.10%          | 0.004%        |
| 31        | 4.838       | 4.827        | 4.871      | VV       | 292            | 4362         | 0.11%          | 0.004%        |
| 32        | 4.887       | 4.871        | 4.915      | PV       | 295            | 4108         | 0.10%          | 0.004%        |
| 33        | 4.928       | 4.915        | 4.945      | VV       | 255            | 2800         | 0.07%          | 0.003%        |
| 34        | 4.967       | 4.945        | 4.995      | VV       | 502            | 6756         | 0.17%          | 0.007%        |
| 35        | 5.007       | 4.995        | 5.016      | VV       | 244            | 2037         | 0.05%          | 0.002%        |
| 36        | 5.035       | 5.016        | 5.061      | VV       | 368            | 4927         | 0.12%          | 0.005%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.082 | 5.061 | 5.095 | VV | 169    | 2613  | 0.07% | 0.003% |
| 38 | 5.105 | 5.095 | 5.132 | VV | 177    | 2706  | 0.07% | 0.003% |
| 39 | 5.150 | 5.132 | 5.172 | VV | 310    | 4404  | 0.11% | 0.005% |
| 40 | 5.185 | 5.172 | 5.221 | VV | 678    | 10059 | 0.25% | 0.010% |
| 41 | 5.244 | 5.221 | 5.266 | VV | 422    | 5711  | 0.14% | 0.006% |
| 42 | 5.278 | 5.266 | 5.285 | VV | 302    | 3059  | 0.08% | 0.003% |
| 43 | 5.294 | 5.285 | 5.349 | VV | 362    | 6150  | 0.16% | 0.006% |
| 44 | 5.407 | 5.349 | 5.436 | PV | 576    | 12771 | 0.32% | 0.013% |
| 45 | 5.486 | 5.436 | 5.504 | VV | 286    | 8712  | 0.22% | 0.009% |
| 46 | 5.518 | 5.504 | 5.529 | VV | 212    | 2321  | 0.06% | 0.002% |
| 47 | 5.544 | 5.529 | 5.571 | VV | 186    | 2915  | 0.07% | 0.003% |
| 48 | 5.589 | 5.571 | 5.609 | PV | 536    | 8428  | 0.21% | 0.009% |
| 49 | 5.625 | 5.609 | 5.648 | VV | 1159   | 12726 | 0.32% | 0.013% |
| 50 | 5.683 | 5.648 | 5.737 | VV | 379    | 9164  | 0.23% | 0.009% |
| 51 | 5.779 | 5.737 | 5.809 | VV | 708    | 11489 | 0.29% | 0.012% |
| 52 | 5.826 | 5.809 | 5.840 | VV | 286    | 3045  | 0.08% | 0.003% |
| 53 | 5.869 | 5.840 | 5.879 | VV | 541    | 8170  | 0.21% | 0.008% |
| 54 | 5.890 | 5.879 | 5.909 | VV | 508    | 7284  | 0.18% | 0.007% |
| 55 | 5.927 | 5.909 | 5.948 | VV | 564    | 7068  | 0.18% | 0.007% |
| 56 | 5.993 | 5.948 | 6.027 | VV | 289    | 9188  | 0.23% | 0.009% |
| 57 | 6.044 | 6.027 | 6.064 | VV | 305    | 3759  | 0.10% | 0.004% |
| 58 | 6.088 | 6.064 | 6.116 | PV | 471    | 7774  | 0.20% | 0.008% |
| 59 | 6.144 | 6.116 | 6.167 | VV | 2305   | 26249 | 0.66% | 0.027% |
| 60 | 6.186 | 6.167 | 6.202 | VV | 370    | 5942  | 0.15% | 0.006% |
| 61 | 6.224 | 6.202 | 6.256 | VV | 303    | 6822  | 0.17% | 0.007% |
| 62 | 6.280 | 6.256 | 6.302 | VV | 973    | 13790 | 0.35% | 0.014% |
| 63 | 6.328 | 6.302 | 6.342 | VV | 433    | 8160  | 0.21% | 0.008% |
| 64 | 6.359 | 6.342 | 6.381 | VV | 428    | 7626  | 0.19% | 0.008% |
| 65 | 6.410 | 6.381 | 6.426 | VV | 761    | 12976 | 0.33% | 0.013% |
| 66 | 6.448 | 6.426 | 6.469 | VV | 463    | 9162  | 0.23% | 0.009% |
| 67 | 6.517 | 6.469 | 6.541 | VV | 626    | 18418 | 0.47% | 0.019% |
| 68 | 6.563 | 6.541 | 6.609 | VV | 1244   | 20853 | 0.53% | 0.021% |
| 69 | 6.649 | 6.609 | 6.669 | PV | 296    | 6711  | 0.17% | 0.007% |
| 70 | 6.712 | 6.669 | 6.736 | VV | 1289   | 19587 | 0.50% | 0.020% |
| 71 | 6.763 | 6.736 | 6.807 | VV | 1088   | 18285 | 0.46% | 0.019% |
| 72 | 6.843 | 6.807 | 6.864 | PV | 623    | 10506 | 0.27% | 0.011% |
| 73 | 6.890 | 6.864 | 6.916 | VV | 596    | 12209 | 0.31% | 0.013% |
| 74 | 6.925 | 6.916 | 6.936 | VV | 346    | 3915  | 0.10% | 0.004% |
| 75 | 6.972 | 6.936 | 6.997 | VV | 1018   | 16451 | 0.42% | 0.017% |
| 76 | 7.007 | 6.997 | 7.017 | VV | 239    | 2527  | 0.06% | 0.003% |
| 77 | 7.040 | 7.017 | 7.052 | VV | 461    | 7182  | 0.18% | 0.007% |
| 78 | 7.074 | 7.052 | 7.109 | VV | 873    | 20563 | 0.52% | 0.021% |
| 79 | 7.123 | 7.109 | 7.152 | VV | 807    | 14290 | 0.36% | 0.015% |
| 80 | 7.195 | 7.152 | 7.246 | VV | 2965   | 52180 | 1.32% | 0.054% |
| 81 | 7.265 | 7.246 | 7.278 | VV | 1361   | 15662 | 0.40% | 0.016% |
| 82 | 7.290 | 7.278 | 7.311 | VV | 1152   | 14217 | 0.36% | 0.015% |
| 83 | 7.329 | 7.311 | 7.356 | VV | 2993   | 34611 | 0.88% | 0.036% |
| 84 | 7.371 | 7.356 | 7.395 | VV | 731    | 11174 | 0.28% | 0.011% |
| 85 | 7.413 | 7.395 | 7.431 | VV | 371    | 6476  | 0.16% | 0.007% |
| 86 | 7.482 | 7.431 | 7.521 | VV | 2426   | 44706 | 1.13% | 0.046% |
| 87 | 7.537 | 7.521 | 7.564 | VV | 609    | 10237 | 0.26% | 0.011% |
| 88 | 7.580 | 7.564 | 7.611 | VV | 543    | 10426 | 0.26% | 0.011% |
| 89 | 7.629 | 7.611 | 7.641 | VV | 372    | 5372  | 0.14% | 0.006% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.664  | 7.641  | 7.700  | VV | 1091   | 24794  | 0.63% | 0.025% |
| 91  | 7.715  | 7.700  | 7.737  | VV | 560    | 6988   | 0.18% | 0.007% |
| 92  | 7.891  | 7.869  | 7.904  | VV | 1249   | 22525  | 0.57% | 0.023% |
| 93  | 7.915  | 7.904  | 7.946  | VV | 1309   | 25095  | 0.63% | 0.026% |
| 94  | 7.959  | 7.946  | 7.982  | VV | 746    | 12892  | 0.33% | 0.013% |
| 95  | 8.004  | 7.982  | 8.025  | VV | 883    | 14369  | 0.36% | 0.015% |
| 96  | 8.050  | 8.025  | 8.059  | VV | 1136   | 14957  | 0.38% | 0.015% |
| 97  | 8.072  | 8.059  | 8.087  | VV | 1385   | 19295  | 0.49% | 0.020% |
| 98  | 8.100  | 8.087  | 8.132  | VV | 1370   | 27259  | 0.69% | 0.028% |
| 99  | 8.140  | 8.132  | 8.151  | VV | 605    | 6022   | 0.15% | 0.006% |
| 100 | 8.172  | 8.151  | 8.221  | VV | 3935   | 74840  | 1.89% | 0.077% |
| 101 | 8.239  | 8.221  | 8.253  | VV | 1199   | 17487  | 0.44% | 0.018% |
| 102 | 8.287  | 8.253  | 8.301  | VV | 5060   | 65206  | 1.65% | 0.067% |
| 103 | 8.314  | 8.301  | 8.330  | VV | 4132   | 49136  | 1.24% | 0.050% |
| 104 | 8.348  | 8.330  | 8.383  | VV | 4567   | 66864  | 1.69% | 0.069% |
| 105 | 8.412  | 8.383  | 8.429  | VV | 8855   | 95328  | 2.41% | 0.098% |
| 106 | 8.471  | 8.429  | 8.505  | VV | 4224   | 89469  | 2.26% | 0.092% |
| 107 | 8.524  | 8.505  | 8.539  | VV | 1553   | 20409  | 0.52% | 0.021% |
| 108 | 8.562  | 8.539  | 8.615  | VV | 1527   | 40352  | 1.02% | 0.041% |
| 109 | 8.710  | 8.699  | 8.740  | VV | 1629   | 30628  | 0.77% | 0.031% |
| 110 | 8.766  | 8.740  | 8.789  | VV | 4089   | 57697  | 1.46% | 0.059% |
| 111 | 8.815  | 8.789  | 8.847  | VV | 1882   | 47259  | 1.20% | 0.049% |
| 112 | 8.884  | 8.847  | 8.912  | VV | 4092   | 71695  | 1.81% | 0.074% |
| 113 | 8.929  | 8.912  | 8.947  | VV | 971    | 16624  | 0.42% | 0.017% |
| 114 | 8.973  | 8.947  | 8.982  | VV | 1067   | 18230  | 0.46% | 0.019% |
| 115 | 9.001  | 8.982  | 9.020  | VV | 3008   | 43121  | 1.09% | 0.044% |
| 116 | 9.036  | 9.020  | 9.055  | VV | 2860   | 35701  | 0.90% | 0.037% |
| 117 | 9.074  | 9.055  | 9.093  | VV | 1407   | 26175  | 0.66% | 0.027% |
| 118 | 9.122  | 9.093  | 9.137  | VV | 1759   | 37352  | 0.94% | 0.038% |
| 119 | 9.169  | 9.137  | 9.192  | VV | 7571   | 99963  | 2.53% | 0.103% |
| 120 | 9.210  | 9.192  | 9.296  | VV | 3480   | 72476  | 1.83% | 0.074% |
| 121 | 9.327  | 9.296  | 9.344  | VV | 3262   | 46027  | 1.16% | 0.047% |
| 122 | 9.356  | 9.344  | 9.392  | VV | 2870   | 38742  | 0.98% | 0.040% |
| 123 | 9.411  | 9.392  | 9.426  | VV | 1186   | 15169  | 0.38% | 0.016% |
| 124 | 9.462  | 9.426  | 9.486  | VV | 3056   | 48483  | 1.23% | 0.050% |
| 125 | 9.504  | 9.486  | 9.520  | VV | 1167   | 16695  | 0.42% | 0.017% |
| 126 | 9.545  | 9.520  | 9.597  | VV | 6451   | 106877 | 2.70% | 0.110% |
| 127 | 9.625  | 9.597  | 9.652  | VV | 3639   | 61956  | 1.57% | 0.064% |
| 128 | 9.668  | 9.652  | 9.679  | VV | 1478   | 18803  | 0.48% | 0.019% |
| 129 | 9.695  | 9.679  | 9.710  | VV | 2089   | 32176  | 0.81% | 0.033% |
| 130 | 9.722  | 9.710  | 9.739  | VV | 2098   | 27490  | 0.70% | 0.028% |
| 131 | 9.751  | 9.739  | 9.774  | VV | 1599   | 25317  | 0.64% | 0.026% |
| 132 | 9.784  | 9.774  | 9.794  | VV | 935    | 9289   | 0.23% | 0.010% |
| 133 | 9.805  | 9.794  | 9.837  | VV | 958    | 16127  | 0.41% | 0.017% |
| 134 | 9.865  | 9.837  | 9.887  | VV | 2286   | 38811  | 0.98% | 0.040% |
| 135 | 9.908  | 9.887  | 9.924  | VV | 1480   | 28828  | 0.73% | 0.030% |
| 136 | 9.943  | 9.924  | 9.997  | VV | 6867   | 115788 | 2.93% | 0.119% |
| 137 | 10.028 | 9.997  | 10.039 | VV | 980    | 17712  | 0.45% | 0.018% |
| 138 | 10.059 | 10.039 | 10.094 | VV | 930    | 17941  | 0.45% | 0.018% |
| 139 | 10.123 | 10.094 | 10.186 | PV | 1401   | 27700  | 0.70% | 0.028% |
| 140 | 10.191 | 10.186 | 10.199 | VV | 161    | 1195   | 0.03% | 0.001% |
| 141 | 10.220 | 10.199 | 10.240 | VV | 603    | 8879   | 0.22% | 0.009% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.250 | 10.240 | 10.262 | VV | 359    | 3206    | 0.08%   | 0.003% |
| 143 | 10.285 | 10.262 | 10.304 | VV | 2148   | 27091   | 0.69%   | 0.028% |
| 144 | 10.332 | 10.304 | 10.362 | VV | 3698   | 57552   | 1.46%   | 0.059% |
| 145 | 10.392 | 10.362 | 10.402 | VV | 2331   | 36784   | 0.93%   | 0.038% |
| 146 | 10.421 | 10.402 | 10.445 | VV | 4371   | 60950   | 1.54%   | 0.063% |
| 147 | 10.464 | 10.445 | 10.506 | VV | 3674   | 56386   | 1.43%   | 0.058% |
| 148 | 10.539 | 10.506 | 10.577 | VV | 2567   | 54018   | 1.37%   | 0.055% |
| 149 | 10.598 | 10.577 | 10.643 | VV | 2079   | 51427   | 1.30%   | 0.053% |
| 150 | 10.679 | 10.643 | 10.699 | VV | 7417   | 106331  | 2.69%   | 0.109% |
| 151 | 10.707 | 10.699 | 10.724 | VV | 2064   | 22023   | 0.56%   | 0.023% |
| 152 | 10.749 | 10.724 | 10.786 | VV | 7241   | 113376  | 2.87%   | 0.116% |
| 153 | 10.813 | 10.786 | 10.831 | VV | 957    | 21795   | 0.55%   | 0.022% |
| 154 | 10.838 | 10.831 | 10.852 | VV | 755    | 7599    | 0.19%   | 0.008% |
| 155 | 10.907 | 10.852 | 10.917 | VV | 982    | 20668   | 0.52%   | 0.021% |
| 156 | 10.943 | 10.917 | 10.982 | VV | 30339  | 330020  | 8.35%   | 0.339% |
| 157 | 11.018 | 10.982 | 11.059 | VV | 10297  | 132539  | 3.35%   | 0.136% |
| 158 | 11.072 | 11.059 | 11.112 | VV | 1421   | 27156   | 0.69%   | 0.028% |
| 159 | 11.129 | 11.112 | 11.146 | VV | 880    | 13114   | 0.33%   | 0.013% |
| 160 | 11.153 | 11.146 | 11.172 | VV | 664    | 6959    | 0.18%   | 0.007% |
| 161 | 11.187 | 11.172 | 11.205 | VV | 713    | 8092    | 0.20%   | 0.008% |
| 162 | 11.246 | 11.205 | 11.270 | VV | 1668   | 40327   | 1.02%   | 0.041% |
| 163 | 11.305 | 11.270 | 11.321 | PV | 1797   | 33963   | 0.86%   | 0.035% |
| 164 | 11.334 | 11.321 | 11.354 | VV | 1572   | 23869   | 0.60%   | 0.025% |
| 165 | 11.380 | 11.354 | 11.401 | VV | 7237   | 88382   | 2.24%   | 0.091% |
| 166 | 11.433 | 11.401 | 11.444 | VV | 1404   | 29104   | 0.74%   | 0.030% |
| 167 | 11.468 | 11.444 | 11.509 | VV | 7025   | 107122  | 2.71%   | 0.110% |
| 168 | 11.535 | 11.509 | 11.561 | VV | 1436   | 20356   | 0.51%   | 0.021% |
| 169 | 11.593 | 11.561 | 11.615 | PV | 3418   | 47551   | 1.20%   | 0.049% |
| 170 | 11.631 | 11.615 | 11.657 | VV | 1036   | 17088   | 0.43%   | 0.018% |
| 171 | 11.706 | 11.657 | 11.731 | VV | 376925 | 3952865 | 100.00% | 4.058% |
| 172 | 11.742 | 11.731 | 11.757 | VV | 9420   | 101738  | 2.57%   | 0.104% |
| 173 | 11.773 | 11.757 | 11.801 | VV | 11265  | 125482  | 3.17%   | 0.129% |
| 174 | 11.859 | 11.801 | 11.875 | VV | 6988   | 133138  | 3.37%   | 0.137% |
| 175 | 11.891 | 11.875 | 11.906 | VV | 7513   | 83068   | 2.10%   | 0.085% |
| 176 | 11.922 | 11.906 | 11.970 | VV | 8486   | 102085  | 2.58%   | 0.105% |
| 177 | 11.991 | 11.970 | 12.007 | PV | 666    | 9085    | 0.23%   | 0.009% |
| 178 | 12.046 | 12.007 | 12.069 | VV | 6558   | 100252  | 2.54%   | 0.103% |
| 179 | 12.098 | 12.069 | 12.119 | VV | 4898   | 70003   | 1.77%   | 0.072% |
| 180 | 12.141 | 12.119 | 12.167 | VV | 2220   | 34017   | 0.86%   | 0.035% |
| 181 | 12.178 | 12.167 | 12.189 | VV | 466    | 4838    | 0.12%   | 0.005% |
| 182 | 12.210 | 12.189 | 12.229 | VV | 3075   | 36046   | 0.91%   | 0.037% |
| 183 | 12.243 | 12.229 | 12.257 | VV | 1735   | 19612   | 0.50%   | 0.020% |
| 184 | 12.275 | 12.257 | 12.302 | VV | 3217   | 44515   | 1.13%   | 0.046% |
| 185 | 12.315 | 12.302 | 12.334 | VV | 609    | 9859    | 0.25%   | 0.010% |
| 186 | 12.355 | 12.334 | 12.372 | VV | 1226   | 18856   | 0.48%   | 0.019% |
| 187 | 12.388 | 12.372 | 12.402 | VV | 1664   | 18918   | 0.48%   | 0.019% |
| 188 | 12.421 | 12.402 | 12.449 | VV | 2638   | 44818   | 1.13%   | 0.046% |
| 189 | 12.460 | 12.449 | 12.472 | VV | 1906   | 21890   | 0.55%   | 0.022% |
| 190 | 12.486 | 12.472 | 12.510 | VV | 2008   | 39847   | 1.01%   | 0.041% |
| 191 | 12.529 | 12.510 | 12.572 | VV | 4233   | 79925   | 2.02%   | 0.082% |
| 192 | 12.606 | 12.572 | 12.619 | PV | 1898   | 38648   | 0.98%   | 0.040% |
| 193 | 12.640 | 12.619 | 12.659 | VV | 10354  | 135417  | 3.43%   | 0.139% |
| 194 | 12.682 | 12.659 | 12.731 | VV | 9702   | 198642  | 5.03%   | 0.204% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.756 | 12.731 | 12.802 | VV | 40564  | 475223  | 12.02% | 0.488% |
| 196    | 12.819 | 12.802 | 12.841 | VV | 389    | 7224    | 0.18%  | 0.007% |
| 197    | 12.856 | 12.841 | 12.867 | VV | 1128   | 12045   | 0.30%  | 0.012% |
| 198    | 12.888 | 12.867 | 12.925 | VV | 2167   | 50329   | 1.27%  | 0.052% |
| 199    | 12.946 | 12.925 | 12.982 | VV | 3690   | 68047   | 1.72%  | 0.070% |
| 200    | 13.001 | 12.982 | 13.027 | VV | 1683   | 32440   | 0.82%  | 0.033% |
| 201    | 13.055 | 13.027 | 13.090 | PV | 38686  | 447215  | 11.31% | 0.459% |
| 202    | 13.132 | 13.090 | 13.157 | VV | 244620 | 3075312 | 77.80% | 3.157% |
| 203    | 13.171 | 13.157 | 13.210 | VV | 13256  | 177464  | 4.49%  | 0.182% |
| 204    | 13.229 | 13.210 | 13.248 | VV | 1975   | 37044   | 0.94%  | 0.038% |
| 205    | 13.255 | 13.248 | 13.274 | VV | 1388   | 16005   | 0.40%  | 0.016% |
| 206    | 13.295 | 13.274 | 13.311 | VV | 6127   | 69473   | 1.76%  | 0.071% |
| 207    | 13.323 | 13.311 | 13.334 | VV | 2720   | 35631   | 0.90%  | 0.037% |
| 208    | 13.346 | 13.334 | 13.366 | VV | 3372   | 49623   | 1.26%  | 0.051% |
| 209    | 13.384 | 13.366 | 13.431 | VV | 3953   | 60422   | 1.53%  | 0.062% |
| 210    | 13.449 | 13.431 | 13.461 | PV | 2080   | 22879   | 0.58%  | 0.023% |
| 211    | 13.477 | 13.461 | 13.494 | VV | 2488   | 33297   | 0.84%  | 0.034% |
| 212    | 13.514 | 13.494 | 13.539 | VV | 4155   | 67761   | 1.71%  | 0.070% |
| 213    | 13.560 | 13.539 | 13.591 | VV | 1555   | 30989   | 0.78%  | 0.032% |
| 214    | 13.640 | 13.591 | 13.674 | VV | 10445  | 175907  | 4.45%  | 0.181% |
| 215    | 13.691 | 13.674 | 13.700 | VV | 1555   | 19933   | 0.50%  | 0.020% |
| 216    | 13.712 | 13.700 | 13.726 | VV | 1673   | 21231   | 0.54%  | 0.022% |
| 217    | 13.748 | 13.726 | 13.771 | VV | 5992   | 87004   | 2.20%  | 0.089% |
| 218    | 13.789 | 13.771 | 13.809 | VV | 6243   | 82763   | 2.09%  | 0.085% |
| 219    | 13.832 | 13.809 | 13.854 | VV | 2215   | 45569   | 1.15%  | 0.047% |
| 220    | 13.879 | 13.854 | 13.897 | VV | 6965   | 105577  | 2.67%  | 0.108% |
| 221    | 13.918 | 13.897 | 13.944 | VV | 6829   | 119168  | 3.01%  | 0.122% |
| 222    | 13.959 | 13.944 | 13.990 | VV | 5472   | 72754   | 1.84%  | 0.075% |
| 223    | 14.027 | 13.990 | 14.054 | VV | 1235   | 31026   | 0.78%  | 0.032% |
| 224    | 14.112 | 14.054 | 14.136 | PV | 2261   | 60448   | 1.53%  | 0.062% |
| 225    | 14.169 | 14.136 | 14.184 | VV | 961    | 21738   | 0.55%  | 0.022% |
| 226    | 14.309 | 14.184 | 14.317 | VV | 2138   | 92048   | 2.33%  | 0.094% |
| 227    | 14.342 | 14.317 | 14.357 | VV | 2944   | 56632   | 1.43%  | 0.058% |
| 228    | 14.372 | 14.357 | 14.389 | VV | 4080   | 52193   | 1.32%  | 0.054% |
| 229    | 14.401 | 14.389 | 14.418 | VV | 1571   | 22298   | 0.56%  | 0.023% |
| 230    | 14.442 | 14.418 | 14.464 | VV | 7279   | 100442  | 2.54%  | 0.103% |
| 231    | 14.479 | 14.464 | 14.488 | VV | 2836   | 35753   | 0.90%  | 0.037% |
| 232    | 14.498 | 14.488 | 14.531 | VV | 2742   | 57728   | 1.46%  | 0.059% |
| 233    | 14.554 | 14.531 | 14.594 | VV | 5249   | 105877  | 2.68%  | 0.109% |
| 234    | 14.615 | 14.594 | 14.635 | VV | 6254   | 78462   | 1.98%  | 0.081% |
| 235    | 14.655 | 14.635 | 14.664 | VV | 2442   | 35766   | 0.90%  | 0.037% |
| 236    | 14.675 | 14.664 | 14.699 | VV | 2904   | 40047   | 1.01%  | 0.041% |
| 237    | 14.736 | 14.699 | 14.759 | VV | 1918   | 39197   | 0.99%  | 0.040% |
| 238    | 14.799 | 14.759 | 14.824 | VV | 1761   | 42418   | 1.07%  | 0.044% |
| 239    | 14.837 | 14.824 | 14.851 | VV | 856    | 8462    | 0.21%  | 0.009% |
| 240    | 14.878 | 14.851 | 14.896 | PV | 1746   | 25808   | 0.65%  | 0.026% |
| 241    | 14.926 | 14.896 | 14.945 | VV | 19083  | 233814  | 5.92%  | 0.240% |
| 242    | 14.968 | 14.945 | 15.004 | VV | 21007  | 307475  | 7.78%  | 0.316% |
| 243    | 15.018 | 15.004 | 15.040 | VV | 1843   | 25519   | 0.65%  | 0.026% |
| 244    | 15.087 | 15.040 | 15.114 | VV | 5462   | 114610  | 2.90%  | 0.118% |
| 245    | 15.128 | 15.114 | 15.147 | VV | 2419   | 39044   | 0.99%  | 0.040% |
| 246    | 15.170 | 15.147 | 15.199 | VV | 1996   | 35486   | 0.90%  | 0.036% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.233 | 15.199 | 15.271 | PV | 3150   | 69384   | 1.76%  | 0.071% |
| 248 | 15.289 | 15.271 | 15.299 | VV | 1101   | 16482   | 0.42%  | 0.017% |
| 249 | 15.310 | 15.299 | 15.337 | VV | 1224   | 16728   | 0.42%  | 0.017% |
| 250 | 15.363 | 15.337 | 15.428 | VV | 11673  | 285805  | 7.23%  | 0.293% |
| 251 | 15.440 | 15.428 | 15.467 | VV | 1366   | 18616   | 0.47%  | 0.019% |
| 252 | 15.498 | 15.467 | 15.539 | VV | 8252   | 136384  | 3.45%  | 0.140% |
| 253 | 15.552 | 15.539 | 15.571 | VV | 2020   | 29405   | 0.74%  | 0.030% |
| 254 | 15.598 | 15.571 | 15.619 | VV | 8417   | 119095  | 3.01%  | 0.122% |
| 255 | 15.638 | 15.619 | 15.662 | VV | 3771   | 54818   | 1.39%  | 0.056% |
| 256 | 15.681 | 15.662 | 15.698 | VV | 1987   | 28619   | 0.72%  | 0.029% |
| 257 | 15.760 | 15.698 | 15.786 | VV | 5412   | 145340  | 3.68%  | 0.149% |
| 258 | 15.810 | 15.786 | 15.822 | VV | 1516   | 28297   | 0.72%  | 0.029% |
| 259 | 15.837 | 15.822 | 15.861 | VV | 1877   | 26984   | 0.68%  | 0.028% |
| 260 | 15.890 | 15.861 | 15.907 | PV | 2030   | 35682   | 0.90%  | 0.037% |
| 261 | 15.928 | 15.907 | 15.946 | VV | 2201   | 38932   | 0.98%  | 0.040% |
| 262 | 15.955 | 15.946 | 15.971 | VV | 2115   | 26707   | 0.68%  | 0.027% |
| 263 | 15.998 | 15.971 | 16.022 | VV | 12119  | 182982  | 4.63%  | 0.188% |
| 264 | 16.035 | 16.022 | 16.076 | VV | 3416   | 73672   | 1.86%  | 0.076% |
| 265 | 16.126 | 16.076 | 16.144 | VV | 1103   | 40413   | 1.02%  | 0.041% |
| 266 | 16.202 | 16.144 | 16.226 | PV | 4529   | 122300  | 3.09%  | 0.126% |
| 267 | 16.234 | 16.226 | 16.246 | VV | 2615   | 25002   | 0.63%  | 0.026% |
| 268 | 16.302 | 16.246 | 16.333 | VV | 4529   | 165430  | 4.19%  | 0.170% |
| 269 | 16.401 | 16.333 | 16.431 | VV | 5997   | 220378  | 5.58%  | 0.226% |
| 270 | 16.481 | 16.431 | 16.546 | VV | 35253  | 708664  | 17.93% | 0.727% |
| 271 | 16.613 | 16.546 | 16.637 | VV | 8328   | 271402  | 6.87%  | 0.279% |
| 272 | 16.648 | 16.637 | 16.682 | VV | 6265   | 146136  | 3.70%  | 0.150% |
| 273 | 16.703 | 16.682 | 16.741 | VV | 6298   | 178832  | 4.52%  | 0.184% |
| 274 | 16.804 | 16.741 | 16.826 | VV | 16569  | 424797  | 10.75% | 0.436% |
| 275 | 16.860 | 16.826 | 16.896 | VV | 18450  | 371626  | 9.40%  | 0.381% |
| 276 | 16.946 | 16.896 | 16.973 | VV | 26720  | 604703  | 15.30% | 0.621% |
| 277 | 16.987 | 16.973 | 17.046 | VV | 12038  | 396700  | 10.04% | 0.407% |
| 278 | 17.126 | 17.046 | 17.149 | VV | 9217   | 493758  | 12.49% | 0.507% |
| 279 | 17.175 | 17.149 | 17.192 | VV | 9910   | 234679  | 5.94%  | 0.241% |
| 280 | 17.221 | 17.192 | 17.249 | VV | 12034  | 353451  | 8.94%  | 0.363% |
| 281 | 17.270 | 17.249 | 17.303 | VV | 11755  | 330808  | 8.37%  | 0.340% |
| 282 | 17.323 | 17.303 | 17.332 | VV | 10169  | 172684  | 4.37%  | 0.177% |
| 283 | 17.354 | 17.332 | 17.369 | VV | 12618  | 245269  | 6.20%  | 0.252% |
| 284 | 17.395 | 17.369 | 17.422 | VV | 37238  | 689185  | 17.44% | 0.707% |
| 285 | 17.445 | 17.422 | 17.461 | VV | 12615  | 257452  | 6.51%  | 0.264% |
| 286 | 17.481 | 17.461 | 17.499 | VV | 12822  | 263696  | 6.67%  | 0.271% |
| 287 | 17.524 | 17.499 | 17.552 | VV | 17218  | 422001  | 10.68% | 0.433% |
| 288 | 17.576 | 17.552 | 17.601 | VV | 13624  | 344878  | 8.72%  | 0.354% |
| 289 | 17.613 | 17.601 | 17.637 | VV | 12334  | 247674  | 6.27%  | 0.254% |
| 290 | 17.677 | 17.637 | 17.692 | VV | 12361  | 372106  | 9.41%  | 0.382% |
| 291 | 17.704 | 17.692 | 17.726 | VV | 12232  | 232433  | 5.88%  | 0.239% |
| 292 | 17.755 | 17.726 | 17.774 | VV | 14950  | 397519  | 10.06% | 0.408% |
| 293 | 17.832 | 17.774 | 17.876 | VV | 44428  | 1295320 | 32.77% | 1.330% |
| 294 | 17.900 | 17.876 | 17.912 | VV | 15856  | 303371  | 7.67%  | 0.311% |
| 295 | 17.921 | 17.912 | 17.944 | VV | 14818  | 263417  | 6.66%  | 0.270% |
| 296 | 17.999 | 17.944 | 18.066 | VV | 28666  | 1395708 | 35.31% | 1.433% |
| 297 | 18.102 | 18.066 | 18.122 | VV | 17093  | 536324  | 13.57% | 0.551% |
| 298 | 18.140 | 18.122 | 18.154 | VV | 18176  | 324662  | 8.21%  | 0.333% |
| 299 | 18.167 | 18.154 | 18.176 | VV | 18894  | 239721  | 6.06%  | 0.246% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.201 | 18.176 | 18.209 | VV | 22799  | 415096  | 10.50% | 0.426% |
| 301 | 18.255 | 18.209 | 18.290 | VV | 45181  | 1322296 | 33.45% | 1.357% |
| 302 | 18.330 | 18.290 | 18.338 | VV | 19620  | 527467  | 13.34% | 0.541% |
| 303 | 18.364 | 18.338 | 18.419 | VV | 32810  | 1153898 | 29.19% | 1.185% |
| 304 | 18.446 | 18.419 | 18.459 | VV | 19432  | 452695  | 11.45% | 0.465% |
| 305 | 18.483 | 18.459 | 18.511 | VV | 25255  | 678771  | 17.17% | 0.697% |
| 306 | 18.524 | 18.511 | 18.540 | VV | 22038  | 369614  | 9.35%  | 0.379% |
| 307 | 18.565 | 18.540 | 18.584 | VV | 22269  | 544804  | 13.78% | 0.559% |
| 308 | 18.589 | 18.584 | 18.602 | VV | 19961  | 214169  | 5.42%  | 0.220% |
| 309 | 18.624 | 18.602 | 18.634 | VV | 21958  | 401961  | 10.17% | 0.413% |
| 310 | 18.663 | 18.634 | 18.714 | VV | 44091  | 1325508 | 33.53% | 1.361% |
| 311 | 18.734 | 18.714 | 18.757 | VV | 23022  | 550647  | 13.93% | 0.565% |
| 312 | 18.785 | 18.757 | 18.813 | VV | 31758  | 872479  | 22.07% | 0.896% |
| 313 | 18.834 | 18.813 | 18.887 | VV | 31589  | 1140156 | 28.84% | 1.170% |
| 314 | 18.926 | 18.887 | 18.945 | VV | 27340  | 857051  | 21.68% | 0.880% |
| 315 | 18.961 | 18.945 | 18.984 | VV | 26550  | 600466  | 15.19% | 0.616% |
| 316 | 19.061 | 18.984 | 19.096 | VV | 43237  | 2004841 | 50.72% | 2.058% |
| 317 | 19.114 | 19.096 | 19.150 | VV | 31117  | 931274  | 23.56% | 0.956% |
| 318 | 19.179 | 19.150 | 19.221 | VV | 32873  | 1251308 | 31.66% | 1.285% |
| 319 | 19.265 | 19.221 | 19.287 | VV | 30120  | 1107477 | 28.02% | 1.137% |
| 320 | 19.297 | 19.287 | 19.322 | VV | 30578  | 594059  | 15.03% | 0.610% |
| 321 | 19.350 | 19.322 | 19.373 | VV | 30663  | 899356  | 22.75% | 0.923% |
| 322 | 19.387 | 19.373 | 19.397 | VV | 30198  | 420900  | 10.65% | 0.432% |
| 323 | 19.446 | 19.397 | 19.473 | VV | 44546  | 1569803 | 39.71% | 1.611% |
| 324 | 19.493 | 19.473 | 19.539 | VV | 36576  | 1310154 | 33.14% | 1.345% |
| 325 | 19.585 | 19.539 | 19.613 | VV | 36779  | 1521979 | 38.50% | 1.562% |
| 326 | 19.638 | 19.613 | 19.672 | VV | 35401  | 1199947 | 30.36% | 1.232% |
| 327 | 19.743 | 19.672 | 19.777 | VV | 36894  | 2220217 | 56.17% | 2.279% |
| 328 | 19.820 | 19.777 | 19.857 | VV | 52102  | 1995337 | 50.48% | 2.048% |
| 329 | 19.882 | 19.857 | 19.902 | VV | 41278  | 1063217 | 26.90% | 1.091% |
| 330 | 19.931 | 19.902 | 19.957 | VV | 40109  | 1270911 | 32.15% | 1.305% |
| 331 | 20.005 | 19.957 | 20.039 | VV | 44271  | 2021827 | 51.15% | 2.075% |
| 332 | 20.062 | 20.039 | 20.072 | VV | 42033  | 818417  | 20.70% | 0.840% |
| 333 | 20.108 | 20.072 | 20.128 | VV | 45648  | 1464801 | 37.06% | 1.504% |
| 334 | 20.137 | 20.128 | 20.146 | VV | 43159  | 450869  | 11.41% | 0.463% |
| 335 | 20.183 | 20.146 | 20.217 | VV | 53094  | 1971617 | 49.88% | 2.024% |
| 336 | 20.269 | 20.217 | 20.291 | VV | 49363  | 2014393 | 50.96% | 2.068% |
| 337 | 20.298 | 20.291 | 20.320 | VV | 46293  | 810489  | 20.50% | 0.832% |
| 338 | 20.346 | 20.320 | 20.386 | VV | 50201  | 1885278 | 47.69% | 1.935% |
| 339 | 20.409 | 20.386 | 20.507 | VV | 50807  | 3332335 | 84.30% | 3.421% |
| 340 | 20.544 | 20.507 | 20.597 | VV | 50645  | 2380347 | 60.22% | 2.444% |
| 341 | 20.616 | 20.597 | 20.637 | VV | 41747  | 961265  | 24.32% | 0.987% |
| 342 | 20.675 | 20.637 | 20.705 | VV | 41521  | 1605463 | 40.62% | 1.648% |
| 343 | 20.715 | 20.705 | 20.730 | VV | 38707  | 582001  | 14.72% | 0.597% |
| 344 | 20.742 | 20.730 | 20.752 | VV | 38101  | 477619  | 12.08% | 0.490% |
| 345 | 20.776 | 20.752 | 20.842 | VV | 38548  | 1951709 | 49.37% | 2.004% |
| 346 | 20.852 | 20.842 | 20.908 | VV | 34578  | 1332518 | 33.71% | 1.368% |
| 347 | 20.936 | 20.908 | 20.982 | VV | 37687  | 1462037 | 36.99% | 1.501% |
| 348 | 20.999 | 20.982 | 21.009 | VV | 28592  | 454176  | 11.49% | 0.466% |
| 349 | 21.045 | 21.009 | 21.102 | VV | 29138  | 1546703 | 39.13% | 1.588% |
| 350 | 21.133 | 21.102 | 21.147 | VV | 27564  | 714699  | 18.08% | 0.734% |
| 351 | 21.155 | 21.147 | 21.189 | VV | 26711  | 626180  | 15.84% | 0.643% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 352 | 21.196 | 21.189 | 21.204 | VV | 23869                   | 213426   | 5.40%  | 0.219% |
| 353 | 21.213 | 21.204 | 21.286 | VV | 25177                   | 1114862  | 28.20% | 1.144% |
| 354 | 21.294 | 21.286 | 21.349 | VV | 20595                   | 742736   | 18.79% | 0.762% |
| 355 | 21.377 | 21.349 | 21.419 | VV | 25386                   | 888219   | 22.47% | 0.912% |
| 356 | 21.428 | 21.419 | 21.466 | VV | 19364                   | 499719   | 12.64% | 0.513% |
| 357 | 21.482 | 21.466 | 21.537 | VV | 17693                   | 689165   | 17.43% | 0.707% |
| 358 | 21.548 | 21.537 | 21.569 | VV | 14865                   | 263414   | 6.66%  | 0.270% |
| 359 | 21.572 | 21.569 | 21.659 | VV | 13766                   | 630264   | 15.94% | 0.647% |
| 360 | 21.663 | 21.659 | 21.732 | VV | 11816                   | 427161   | 10.81% | 0.438% |
| 361 | 21.744 | 21.732 | 21.781 | VV | 11011                   | 254819   | 6.45%  | 0.262% |
| 362 | 21.791 | 21.781 | 21.848 | VV | 8752                    | 289708   | 7.33%  | 0.297% |
| 363 | 21.882 | 21.848 | 21.929 | VV | 10928                   | 326826   | 8.27%  | 0.335% |
| 364 | 21.938 | 21.929 | 21.994 | VV | 4546                    | 103041   | 2.61%  | 0.106% |
|     |        |        |        |    | Sum of corrected areas: | 97414732 |        |        |

Alaphatic EPH 051519.M Tue May 28 09:15:24 2019