

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080819AL\  
 Data File : FC042769.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Aug 2019 22:05  
 Sample : K3613-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080819.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         | 3.793       | 3.777        | 3.847      | PV       | 337            | 4610         | 0.11%          | 0.005%        |
| 2         | 3.877       | 3.847        | 3.899      | PV       | 332            | 4969         | 0.12%          | 0.005%        |
| 3         | 3.905       | 3.899        | 3.917      | VV       | 143            | 1503         | 0.04%          | 0.002%        |
| 4         | 3.927       | 3.917        | 3.959      | VV       | 249            | 3487         | 0.08%          | 0.004%        |
| 5         | 3.983       | 3.959        | 4.026      | VV       | 179            | 3214         | 0.08%          | 0.003%        |
| 6         | 4.036       | 4.026        | 4.047      | VV       | 191            | 1455         | 0.04%          | 0.001%        |
| 7         | 4.055       | 4.047        | 4.142      | VV       | 236            | 4208         | 0.10%          | 0.004%        |
| 8         | 4.166       | 4.142        | 4.310      | PV       | 1218           | 57730        | 1.40%          | 0.059%        |
| 9         | 4.322       | 4.310        | 4.352      | VV       | 288            | 5569         | 0.14%          | 0.006%        |
| 10        | 4.362       | 4.352        | 4.403      | VV       | 237            | 6001         | 0.15%          | 0.006%        |
| 11        | 4.410       | 4.403        | 4.422      | VV       | 179            | 1719         | 0.04%          | 0.002%        |
| 12        | 4.429       | 4.422        | 4.506      | VV       | 140            | 5730         | 0.14%          | 0.006%        |
| 13        | 4.529       | 4.506        | 4.537      | VV       | 186            | 2100         | 0.05%          | 0.002%        |
| 14        | 4.553       | 4.537        | 4.621      | VV       | 235            | 6163         | 0.15%          | 0.006%        |
| 15        | 4.633       | 4.621        | 4.687      | VV       | 212            | 5449         | 0.13%          | 0.006%        |
| 16        | 4.698       | 4.687        | 4.722      | VV       | 380            | 4526         | 0.11%          | 0.005%        |
| 17        | 4.737       | 4.722        | 4.769      | VV       | 219            | 4142         | 0.10%          | 0.004%        |
| 18        | 4.801       | 4.769        | 4.827      | VV       | 292            | 4091         | 0.10%          | 0.004%        |
| 19        | 4.836       | 4.827        | 4.870      | VV       | 96             | 2317         | 0.06%          | 0.002%        |
| 20        | 4.882       | 4.870        | 4.909      | VV       | 84             | 1137         | 0.03%          | 0.001%        |
| 21        | 4.921       | 4.909        | 4.942      | PV       | 110            | 1212         | 0.03%          | 0.001%        |
| 22        | 4.963       | 4.942        | 5.013      | VV       | 337            | 4692         | 0.11%          | 0.005%        |
| 23        | 5.031       | 5.013        | 5.077      | VV       | 231            | 4312         | 0.10%          | 0.004%        |
| 24        | 5.102       | 5.077        | 5.126      | VV       | 185            | 3069         | 0.07%          | 0.003%        |
| 25        | 5.143       | 5.126        | 5.158      | PV       | 263            | 3355         | 0.08%          | 0.003%        |
| 26        | 5.179       | 5.158        | 5.216      | VV       | 1226           | 14155        | 0.34%          | 0.015%        |
| 27        | 5.237       | 5.216        | 5.261      | VV       | 515            | 7452         | 0.18%          | 0.008%        |
| 28        | 5.277       | 5.261        | 5.344      | VV       | 345            | 9949         | 0.24%          | 0.010%        |
| 29        | 5.371       | 5.344        | 5.397      | VV       | 388            | 6011         | 0.15%          | 0.006%        |
| 30        | 5.410       | 5.397        | 5.435      | VV       | 289            | 4104         | 0.10%          | 0.004%        |
| 31        | 5.446       | 5.435        | 5.464      | VV       | 190            | 2801         | 0.07%          | 0.003%        |
| 32        | 5.480       | 5.464        | 5.496      | VV       | 252            | 3311         | 0.08%          | 0.003%        |
| 33        | 5.506       | 5.496        | 5.522      | VV       | 211            | 1988         | 0.05%          | 0.002%        |
| 34        | 5.546       | 5.522        | 5.562      | VV       | 262            | 3417         | 0.08%          | 0.004%        |
| 35        | 5.620       | 5.562        | 5.642      | VV       | 1221           | 19527        | 0.48%          | 0.020%        |
| 36        | 5.652       | 5.642        | 5.664      | VV       | 270            | 2861         | 0.07%          | 0.003%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.675 | 5.664 | 5.701 | VV | 431    | 5482  | 0.13% | 0.006% |
| 38 | 5.713 | 5.701 | 5.724 | VV | 166    | 1898  | 0.05% | 0.002% |
| 39 | 5.736 | 5.724 | 5.746 | VV | 263    | 2998  | 0.07% | 0.003% |
| 40 | 5.770 | 5.746 | 5.798 | VV | 531    | 10081 | 0.25% | 0.010% |
| 41 | 5.825 | 5.798 | 5.838 | VV | 285    | 4660  | 0.11% | 0.005% |
| 42 | 5.878 | 5.838 | 5.907 | VV | 393    | 10112 | 0.25% | 0.010% |
| 43 | 5.926 | 5.907 | 5.941 | VV | 211    | 3008  | 0.07% | 0.003% |
| 44 | 5.990 | 5.941 | 6.017 | VV | 313    | 8388  | 0.20% | 0.009% |
| 45 | 6.035 | 6.017 | 6.054 | PV | 339    | 4297  | 0.10% | 0.004% |
| 46 | 6.080 | 6.054 | 6.097 | VV | 331    | 6229  | 0.15% | 0.006% |
| 47 | 6.105 | 6.097 | 6.112 | VV | 308    | 2646  | 0.06% | 0.003% |
| 48 | 6.153 | 6.112 | 6.167 | VV | 646    | 15952 | 0.39% | 0.016% |
| 49 | 6.170 | 6.167 | 6.204 | VV | 682    | 8999  | 0.22% | 0.009% |
| 50 | 6.211 | 6.204 | 6.221 | VV | 302    | 2963  | 0.07% | 0.003% |
| 51 | 6.236 | 6.221 | 6.249 | VV | 401    | 5173  | 0.13% | 0.005% |
| 52 | 6.266 | 6.249 | 6.292 | VV | 755    | 12490 | 0.30% | 0.013% |
| 53 | 6.322 | 6.292 | 6.332 | VV | 375    | 7332  | 0.18% | 0.008% |
| 54 | 6.350 | 6.332 | 6.385 | VV | 438    | 9366  | 0.23% | 0.010% |
| 55 | 6.402 | 6.385 | 6.419 | VV | 363    | 5407  | 0.13% | 0.006% |
| 56 | 6.437 | 6.419 | 6.457 | VV | 381    | 6254  | 0.15% | 0.006% |
| 57 | 6.498 | 6.457 | 6.536 | VV | 477    | 16104 | 0.39% | 0.017% |
| 58 | 6.552 | 6.536 | 6.569 | VV | 576    | 7738  | 0.19% | 0.008% |
| 59 | 6.578 | 6.569 | 6.602 | VV | 420    | 5124  | 0.12% | 0.005% |
| 60 | 6.619 | 6.602 | 6.627 | VV | 230    | 2287  | 0.06% | 0.002% |
| 61 | 6.640 | 6.627 | 6.657 | VV | 208    | 3409  | 0.08% | 0.003% |
| 62 | 6.668 | 6.657 | 6.679 | VV | 280    | 2533  | 0.06% | 0.003% |
| 63 | 6.699 | 6.679 | 6.727 | VV | 1004   | 13134 | 0.32% | 0.013% |
| 64 | 6.750 | 6.727 | 6.795 | VV | 755    | 13018 | 0.32% | 0.013% |
| 65 | 6.829 | 6.795 | 6.854 | VV | 434    | 7176  | 0.17% | 0.007% |
| 66 | 6.876 | 6.854 | 6.903 | PV | 314    | 6198  | 0.15% | 0.006% |
| 67 | 6.963 | 6.903 | 6.982 | VV | 760    | 13371 | 0.33% | 0.014% |
| 68 | 7.026 | 6.982 | 7.035 | VV | 343    | 6811  | 0.17% | 0.007% |
| 69 | 7.059 | 7.035 | 7.070 | VV | 676    | 10236 | 0.25% | 0.011% |
| 70 | 7.077 | 7.070 | 7.095 | VV | 644    | 7587  | 0.18% | 0.008% |
| 71 | 7.111 | 7.095 | 7.133 | VV | 690    | 10234 | 0.25% | 0.011% |
| 72 | 7.151 | 7.133 | 7.174 | VV | 470    | 9124  | 0.22% | 0.009% |
| 73 | 7.190 | 7.174 | 7.232 | VV | 861    | 18388 | 0.45% | 0.019% |
| 74 | 7.249 | 7.232 | 7.267 | VV | 1416   | 18046 | 0.44% | 0.019% |
| 75 | 7.274 | 7.267 | 7.296 | VV | 815    | 8968  | 0.22% | 0.009% |
| 76 | 7.328 | 7.296 | 7.340 | VV | 409    | 7290  | 0.18% | 0.007% |
| 77 | 7.356 | 7.340 | 7.377 | VV | 671    | 8673  | 0.21% | 0.009% |
| 78 | 7.400 | 7.377 | 7.424 | VV | 305    | 4725  | 0.11% | 0.005% |
| 79 | 7.463 | 7.424 | 7.505 | VV | 1696   | 35299 | 0.86% | 0.036% |
| 80 | 7.521 | 7.505 | 7.542 | VV | 888    | 12342 | 0.30% | 0.013% |
| 81 | 7.560 | 7.542 | 7.594 | VV | 675    | 13463 | 0.33% | 0.014% |
| 82 | 7.609 | 7.594 | 7.621 | VV | 335    | 4535  | 0.11% | 0.005% |
| 83 | 7.651 | 7.621 | 7.664 | VV | 1367   | 22827 | 0.56% | 0.023% |
| 84 | 7.674 | 7.664 | 7.690 | VV | 1051   | 12678 | 0.31% | 0.013% |
| 85 | 7.702 | 7.690 | 7.719 | VV | 585    | 6907  | 0.17% | 0.007% |
| 86 | 7.915 | 7.892 | 7.967 | VV | 2750   | 97572 | 2.37% | 0.100% |
| 87 | 7.987 | 7.967 | 8.011 | VV | 2276   | 39544 | 0.96% | 0.041% |
| 88 | 8.036 | 8.011 | 8.057 | VV | 1732   | 37606 | 0.91% | 0.039% |
| 89 | 8.084 | 8.057 | 8.134 | VV | 4313   | 93211 | 2.27% | 0.096% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.156  | 8.134  | 8.179  | VV | 4378   | 59395  | 1.44% | 0.061% |
| 91  | 8.190  | 8.179  | 8.202  | VV | 1632   | 20487  | 0.50% | 0.021% |
| 92  | 8.218  | 8.202  | 8.234  | VV | 1677   | 28115  | 0.68% | 0.029% |
| 93  | 8.250  | 8.234  | 8.263  | VV | 1933   | 28215  | 0.69% | 0.029% |
| 94  | 8.298  | 8.263  | 8.319  | VV | 3905   | 92606  | 2.25% | 0.095% |
| 95  | 8.329  | 8.319  | 8.347  | VV | 2384   | 33512  | 0.82% | 0.034% |
| 96  | 8.401  | 8.347  | 8.435  | VV | 9216   | 189168 | 4.60% | 0.194% |
| 97  | 8.453  | 8.435  | 8.485  | VV | 4493   | 74613  | 1.82% | 0.077% |
| 98  | 8.506  | 8.485  | 8.542  | VV | 4324   | 79051  | 1.92% | 0.081% |
| 99  | 8.563  | 8.542  | 8.597  | VV | 2792   | 58371  | 1.42% | 0.060% |
| 100 | 8.613  | 8.597  | 8.629  | VV | 1338   | 23923  | 0.58% | 0.025% |
| 101 | 8.731  | 8.723  | 8.786  | VV | 6665   | 186053 | 4.53% | 0.191% |
| 102 | 8.799  | 8.786  | 8.844  | VV | 5486   | 136165 | 3.31% | 0.140% |
| 103 | 8.865  | 8.844  | 8.899  | VV | 9801   | 154553 | 3.76% | 0.159% |
| 104 | 8.914  | 8.899  | 8.929  | VV | 2436   | 38912  | 0.95% | 0.040% |
| 105 | 8.948  | 8.929  | 8.967  | VV | 2520   | 46075  | 1.12% | 0.047% |
| 106 | 8.990  | 8.967  | 9.064  | VV | 3100   | 139827 | 3.40% | 0.144% |
| 107 | 9.085  | 9.064  | 9.114  | VV | 2518   | 65906  | 1.60% | 0.068% |
| 108 | 9.130  | 9.114  | 9.143  | VV | 2278   | 35297  | 0.86% | 0.036% |
| 109 | 9.158  | 9.143  | 9.182  | VV | 2840   | 53463  | 1.30% | 0.055% |
| 110 | 9.202  | 9.182  | 9.222  | VV | 3551   | 63785  | 1.55% | 0.065% |
| 111 | 9.242  | 9.222  | 9.273  | VV | 2426   | 62818  | 1.53% | 0.064% |
| 112 | 9.283  | 9.273  | 9.299  | VV | 1644   | 22897  | 0.56% | 0.024% |
| 113 | 9.313  | 9.299  | 9.336  | VV | 2782   | 42496  | 1.03% | 0.044% |
| 114 | 9.357  | 9.336  | 9.372  | VV | 2067   | 36266  | 0.88% | 0.037% |
| 115 | 9.386  | 9.372  | 9.415  | VV | 2077   | 41807  | 1.02% | 0.043% |
| 116 | 9.449  | 9.415  | 9.467  | VV | 2766   | 63080  | 1.53% | 0.065% |
| 117 | 9.479  | 9.467  | 9.500  | VV | 2117   | 35791  | 0.87% | 0.037% |
| 118 | 9.523  | 9.500  | 9.540  | VV | 4120   | 67831  | 1.65% | 0.070% |
| 119 | 9.552  | 9.540  | 9.577  | VV | 2899   | 53383  | 1.30% | 0.055% |
| 120 | 9.608  | 9.577  | 9.661  | VV | 4621   | 132444 | 3.22% | 0.136% |
| 121 | 9.681  | 9.661  | 9.695  | VV | 2631   | 42091  | 1.02% | 0.043% |
| 122 | 9.708  | 9.695  | 9.739  | VV | 2533   | 52033  | 1.27% | 0.053% |
| 123 | 9.762  | 9.739  | 9.795  | VV | 2100   | 54728  | 1.33% | 0.056% |
| 124 | 9.811  | 9.795  | 9.824  | VV | 1561   | 23329  | 0.57% | 0.024% |
| 125 | 9.841  | 9.824  | 9.852  | VV | 1929   | 29454  | 0.72% | 0.030% |
| 126 | 9.880  | 9.852  | 9.912  | VV | 3146   | 87481  | 2.13% | 0.090% |
| 127 | 9.928  | 9.912  | 9.967  | VV | 2729   | 69605  | 1.69% | 0.071% |
| 128 | 9.982  | 9.967  | 10.011 | VV | 1959   | 46354  | 1.13% | 0.048% |
| 129 | 10.026 | 10.011 | 10.077 | VV | 1857   | 56047  | 1.36% | 0.058% |
| 130 | 10.110 | 10.077 | 10.180 | VV | 2196   | 88632  | 2.16% | 0.091% |
| 131 | 10.200 | 10.180 | 10.220 | VV | 1505   | 26201  | 0.64% | 0.027% |
| 132 | 10.268 | 10.220 | 10.284 | VV | 2884   | 63050  | 1.53% | 0.065% |
| 133 | 10.309 | 10.284 | 10.340 | VV | 10825  | 168513 | 4.10% | 0.173% |
| 134 | 10.377 | 10.340 | 10.431 | VV | 3046   | 117318 | 2.85% | 0.120% |
| 135 | 10.454 | 10.431 | 10.491 | VV | 4091   | 85199  | 2.07% | 0.087% |
| 136 | 10.533 | 10.491 | 10.543 | VV | 2112   | 52385  | 1.27% | 0.054% |
| 137 | 10.585 | 10.543 | 10.616 | VV | 2837   | 92251  | 2.24% | 0.095% |
| 138 | 10.657 | 10.616 | 10.676 | VV | 2837   | 80111  | 1.95% | 0.082% |
| 139 | 10.689 | 10.676 | 10.704 | VV | 2264   | 35162  | 0.86% | 0.036% |
| 140 | 10.728 | 10.704 | 10.757 | VV | 16726  | 256277 | 6.23% | 0.263% |
| 141 | 10.767 | 10.757 | 10.784 | VV | 2481   | 36725  | 0.89% | 0.038% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.797 | 10.784 | 10.832 | VV | 2261   | 45514   | 1.11%   | 0.047% |
| 143 | 10.839 | 10.832 | 10.846 | VV | 1160   | 9054    | 0.22%   | 0.009% |
| 144 | 10.874 | 10.846 | 10.884 | VV | 1562   | 30153   | 0.73%   | 0.031% |
| 145 | 10.908 | 10.884 | 10.924 | VV | 2127   | 41851   | 1.02%   | 0.043% |
| 146 | 10.942 | 10.924 | 10.959 | VV | 2191   | 40178   | 0.98%   | 0.041% |
| 147 | 10.993 | 10.959 | 11.016 | VV | 2524   | 66391   | 1.62%   | 0.068% |
| 148 | 11.049 | 11.016 | 11.088 | VV | 3250   | 77452   | 1.88%   | 0.080% |
| 149 | 11.139 | 11.088 | 11.157 | VV | 1555   | 50306   | 1.22%   | 0.052% |
| 150 | 11.174 | 11.157 | 11.200 | VV | 1424   | 31652   | 0.77%   | 0.032% |
| 151 | 11.234 | 11.200 | 11.258 | VV | 1789   | 46905   | 1.14%   | 0.048% |
| 152 | 11.289 | 11.258 | 11.304 | VV | 1960   | 45177   | 1.10%   | 0.046% |
| 153 | 11.324 | 11.304 | 11.339 | VV | 2157   | 39860   | 0.97%   | 0.041% |
| 154 | 11.354 | 11.339 | 11.375 | VV | 2523   | 40304   | 0.98%   | 0.041% |
| 155 | 11.406 | 11.375 | 11.420 | VV | 1881   | 44372   | 1.08%   | 0.046% |
| 156 | 11.446 | 11.420 | 11.481 | VV | 10981  | 171719  | 4.18%   | 0.176% |
| 157 | 11.517 | 11.496 | 11.534 | VV | 1416   | 24092   | 0.59%   | 0.025% |
| 158 | 11.552 | 11.534 | 11.573 | VV | 1505   | 24850   | 0.60%   | 0.026% |
| 159 | 11.600 | 11.573 | 11.634 | VV | 2726   | 61290   | 1.49%   | 0.063% |
| 160 | 11.682 | 11.634 | 11.726 | VV | 375457 | 4110647 | 100.00% | 4.220% |
| 161 | 11.731 | 11.726 | 11.742 | VV | 2148   | 21228   | 0.52%   | 0.022% |
| 162 | 11.758 | 11.742 | 11.791 | VV | 2571   | 58698   | 1.43%   | 0.060% |
| 163 | 11.809 | 11.791 | 11.822 | VV | 1900   | 31559   | 0.77%   | 0.032% |
| 164 | 11.834 | 11.822 | 11.850 | VV | 1698   | 25120   | 0.61%   | 0.026% |
| 165 | 11.874 | 11.850 | 11.892 | VV | 2429   | 46292   | 1.13%   | 0.048% |
| 166 | 11.910 | 11.892 | 11.966 | VV | 1889   | 58567   | 1.42%   | 0.060% |
| 167 | 12.002 | 11.966 | 12.052 | VV | 3358   | 98857   | 2.40%   | 0.101% |
| 168 | 12.064 | 12.052 | 12.085 | VV | 1335   | 24075   | 0.59%   | 0.025% |
| 169 | 12.096 | 12.085 | 12.112 | VV | 1192   | 17897   | 0.44%   | 0.018% |
| 170 | 12.129 | 12.112 | 12.162 | VV | 1453   | 33621   | 0.82%   | 0.035% |
| 171 | 12.176 | 12.162 | 12.197 | VV | 1236   | 18071   | 0.44%   | 0.019% |
| 172 | 12.221 | 12.197 | 12.244 | VV | 1119   | 20788   | 0.51%   | 0.021% |
| 173 | 12.268 | 12.244 | 12.316 | VV | 6089   | 92341   | 2.25%   | 0.095% |
| 174 | 12.328 | 12.316 | 12.365 | VV | 839    | 17834   | 0.43%   | 0.018% |
| 175 | 12.402 | 12.365 | 12.441 | VV | 1159   | 37336   | 0.91%   | 0.038% |
| 176 | 12.453 | 12.441 | 12.489 | VV | 867    | 17946   | 0.44%   | 0.018% |
| 177 | 12.519 | 12.489 | 12.561 | VV | 1317   | 34006   | 0.83%   | 0.035% |
| 178 | 12.582 | 12.561 | 12.602 | VV | 1295   | 23360   | 0.57%   | 0.024% |
| 179 | 12.624 | 12.602 | 12.642 | VV | 2032   | 33229   | 0.81%   | 0.034% |
| 180 | 12.660 | 12.642 | 12.678 | VV | 2220   | 33178   | 0.81%   | 0.034% |
| 181 | 12.690 | 12.678 | 12.707 | VV | 1300   | 18382   | 0.45%   | 0.019% |
| 182 | 12.750 | 12.707 | 12.826 | VV | 2143   | 63837   | 1.55%   | 0.066% |
| 183 | 12.857 | 12.826 | 12.912 | VV | 552    | 17443   | 0.42%   | 0.018% |
| 184 | 12.935 | 12.912 | 12.949 | VV | 754    | 9625    | 0.23%   | 0.010% |
| 185 | 12.959 | 12.949 | 13.005 | VV | 546    | 11449   | 0.28%   | 0.012% |
| 186 | 13.063 | 13.005 | 13.074 | PV | 5138   | 88401   | 2.15%   | 0.091% |
| 187 | 13.103 | 13.074 | 13.137 | VV | 270784 | 3153659 | 76.72%  | 3.237% |
| 188 | 13.147 | 13.137 | 13.202 | VV | 2335   | 52190   | 1.27%   | 0.054% |
| 189 | 13.212 | 13.202 | 13.238 | VV | 726    | 12321   | 0.30%   | 0.013% |
| 190 | 13.265 | 13.238 | 13.290 | VV | 962    | 21603   | 0.53%   | 0.022% |
| 191 | 13.318 | 13.290 | 13.347 | VV | 2012   | 38829   | 0.94%   | 0.040% |
| 192 | 13.371 | 13.347 | 13.414 | VV | 1413   | 30874   | 0.75%   | 0.032% |
| 193 | 13.430 | 13.414 | 13.442 | PV | 425    | 4870    | 0.12%   | 0.005% |
| 194 | 13.495 | 13.442 | 13.524 | VV | 1196   | 29134   | 0.71%   | 0.030% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.545 | 13.524 | 13.566 | PV | 676    | 11797  | 0.29% | 0.012% |
| 196 | 13.621 | 13.566 | 13.646 | VV | 332    | 9749   | 0.24% | 0.010% |
| 197 | 13.663 | 13.646 | 13.679 | VV | 639    | 7956   | 0.19% | 0.008% |
| 198 | 13.688 | 13.679 | 13.709 | VV | 445    | 5903   | 0.14% | 0.006% |
| 199 | 13.730 | 13.709 | 13.766 | VV | 583    | 12560  | 0.31% | 0.013% |
| 200 | 13.811 | 13.766 | 13.834 | VV | 1013   | 23480  | 0.57% | 0.024% |
| 201 | 13.866 | 13.834 | 13.894 | VV | 1294   | 32776  | 0.80% | 0.034% |
| 202 | 13.908 | 13.894 | 13.962 | VV | 1404   | 24082  | 0.59% | 0.025% |
| 203 | 13.979 | 13.962 | 13.988 | VV | 654    | 7752   | 0.19% | 0.008% |
| 204 | 13.998 | 13.988 | 14.021 | VV | 974    | 8894   | 0.22% | 0.009% |
| 205 | 14.036 | 14.021 | 14.049 | VV | 299    | 4134   | 0.10% | 0.004% |
| 206 | 14.076 | 14.049 | 14.114 | PV | 1034   | 20659  | 0.50% | 0.021% |
| 207 | 14.141 | 14.114 | 14.158 | VV | 697    | 10466  | 0.25% | 0.011% |
| 208 | 14.175 | 14.158 | 14.191 | VV | 634    | 6727   | 0.16% | 0.007% |
| 209 | 14.243 | 14.191 | 14.266 | PV | 2617   | 50350  | 1.22% | 0.052% |
| 210 | 14.282 | 14.266 | 14.309 | VV | 2086   | 35916  | 0.87% | 0.037% |
| 211 | 14.327 | 14.309 | 14.342 | VV | 1251   | 18878  | 0.46% | 0.019% |
| 212 | 14.368 | 14.342 | 14.396 | VV | 2508   | 42605  | 1.04% | 0.044% |
| 213 | 14.411 | 14.396 | 14.434 | VV | 1451   | 20749  | 0.50% | 0.021% |
| 214 | 14.480 | 14.434 | 14.504 | VV | 2121   | 48499  | 1.18% | 0.050% |
| 215 | 14.511 | 14.504 | 14.521 | VV | 1014   | 8569   | 0.21% | 0.009% |
| 216 | 14.543 | 14.521 | 14.556 | VV | 1281   | 18065  | 0.44% | 0.019% |
| 217 | 14.562 | 14.556 | 14.589 | VV | 727    | 8811   | 0.21% | 0.009% |
| 218 | 14.607 | 14.589 | 14.621 | PV | 924    | 9173   | 0.22% | 0.009% |
| 219 | 14.640 | 14.621 | 14.652 | VV | 624    | 6467   | 0.16% | 0.007% |
| 220 | 14.675 | 14.652 | 14.696 | PV | 1495   | 19895  | 0.48% | 0.020% |
| 221 | 14.719 | 14.696 | 14.741 | VV | 1284   | 18353  | 0.45% | 0.019% |
| 222 | 14.766 | 14.741 | 14.784 | VV | 577    | 7922   | 0.19% | 0.008% |
| 223 | 14.842 | 14.784 | 14.856 | PV | 631    | 17651  | 0.43% | 0.018% |
| 224 | 14.883 | 14.856 | 14.904 | VV | 956    | 17843  | 0.43% | 0.018% |
| 225 | 14.922 | 14.904 | 14.932 | VV | 658    | 8378   | 0.20% | 0.009% |
| 226 | 14.952 | 14.932 | 14.980 | VV | 1505   | 29338  | 0.71% | 0.030% |
| 227 | 14.997 | 14.980 | 15.016 | VV | 1185   | 16393  | 0.40% | 0.017% |
| 228 | 15.051 | 15.016 | 15.076 | VV | 1857   | 31463  | 0.77% | 0.032% |
| 229 | 15.091 | 15.076 | 15.111 | VV | 1122   | 15716  | 0.38% | 0.016% |
| 230 | 15.132 | 15.111 | 15.169 | VV | 1313   | 26689  | 0.65% | 0.027% |
| 231 | 15.231 | 15.169 | 15.246 | PV | 805    | 15957  | 0.39% | 0.016% |
| 232 | 15.282 | 15.246 | 15.302 | VV | 1174   | 25842  | 0.63% | 0.027% |
| 233 | 15.330 | 15.302 | 15.372 | VV | 21843  | 386616 | 9.41% | 0.397% |
| 234 | 15.381 | 15.372 | 15.411 | VV | 2779   | 44825  | 1.09% | 0.046% |
| 235 | 15.421 | 15.411 | 15.440 | VV | 1247   | 13216  | 0.32% | 0.014% |
| 236 | 15.467 | 15.440 | 15.483 | PV | 2475   | 35583  | 0.87% | 0.037% |
| 237 | 15.500 | 15.483 | 15.517 | VV | 1406   | 21608  | 0.53% | 0.022% |
| 238 | 15.553 | 15.517 | 15.560 | VV | 1223   | 21647  | 0.53% | 0.022% |
| 239 | 15.589 | 15.560 | 15.601 | VV | 2696   | 47033  | 1.14% | 0.048% |
| 240 | 15.611 | 15.601 | 15.639 | VV | 2298   | 36264  | 0.88% | 0.037% |
| 241 | 15.652 | 15.639 | 15.662 | VV | 872    | 10447  | 0.25% | 0.011% |
| 242 | 15.695 | 15.662 | 15.707 | VV | 1696   | 31979  | 0.78% | 0.033% |
| 243 | 15.740 | 15.707 | 15.772 | VV | 2925   | 85628  | 2.08% | 0.088% |
| 244 | 15.783 | 15.772 | 15.794 | VV | 2174   | 27915  | 0.68% | 0.029% |
| 245 | 15.821 | 15.794 | 15.828 | VV | 2032   | 37487  | 0.91% | 0.038% |
| 246 | 15.886 | 15.828 | 15.897 | VV | 2909   | 98578  | 2.40% | 0.101% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.941 | 15.897 | 15.987 | VV | 7508  | 227818  | 5.54%  | 0.234% |
| 248    | 16.022 | 15.987 | 16.062 | VV | 4474  | 170611  | 4.15%  | 0.175% |
| 249    | 16.070 | 16.062 | 16.081 | VV | 3256  | 35179   | 0.86%  | 0.036% |
| 250    | 16.110 | 16.081 | 16.132 | VV | 4266  | 102826  | 2.50%  | 0.106% |
|        |        |        |        |    |       |         |        |        |
| 251    | 16.179 | 16.132 | 16.203 | VV | 6435  | 198163  | 4.82%  | 0.203% |
| 252    | 16.268 | 16.203 | 16.299 | VV | 7891  | 319928  | 7.78%  | 0.328% |
| 253    | 16.303 | 16.299 | 16.316 | VV | 5891  | 52573   | 1.28%  | 0.054% |
| 254    | 16.341 | 16.316 | 16.417 | VV | 10868 | 470451  | 11.44% | 0.483% |
| 255    | 16.446 | 16.417 | 16.456 | VV | 10060 | 191596  | 4.66%  | 0.197% |
|        |        |        |        |    |       |         |        |        |
| 256    | 16.468 | 16.456 | 16.490 | VV | 10703 | 178571  | 4.34%  | 0.183% |
| 257    | 16.596 | 16.490 | 16.626 | VV | 11158 | 706402  | 17.18% | 0.725% |
| 258    | 16.663 | 16.626 | 16.692 | VV | 11285 | 393641  | 9.58%  | 0.404% |
| 259    | 16.723 | 16.692 | 16.742 | VV | 11008 | 299678  | 7.29%  | 0.308% |
| 260    | 16.796 | 16.742 | 16.834 | VV | 12560 | 606457  | 14.75% | 0.623% |
|        |        |        |        |    |       |         |        |        |
| 261    | 16.868 | 16.834 | 16.879 | VV | 11602 | 298003  | 7.25%  | 0.306% |
| 262    | 16.909 | 16.879 | 16.929 | VV | 17611 | 432581  | 10.52% | 0.444% |
| 263    | 16.945 | 16.929 | 16.964 | VV | 17780 | 342375  | 8.33%  | 0.351% |
| 264    | 16.980 | 16.964 | 17.006 | VV | 15745 | 371929  | 9.05%  | 0.382% |
| 265    | 17.020 | 17.006 | 17.031 | VV | 14380 | 209646  | 5.10%  | 0.215% |
|        |        |        |        |    |       |         |        |        |
| 266    | 17.049 | 17.031 | 17.076 | VV | 14367 | 365171  | 8.88%  | 0.375% |
| 267    | 17.105 | 17.076 | 17.114 | VV | 16139 | 342299  | 8.33%  | 0.351% |
| 268    | 17.168 | 17.114 | 17.194 | VV | 18737 | 784237  | 19.08% | 0.805% |
| 269    | 17.241 | 17.194 | 17.266 | VV | 19029 | 741059  | 18.03% | 0.761% |
| 270    | 17.286 | 17.266 | 17.327 | VV | 22911 | 753798  | 18.34% | 0.774% |
|        |        |        |        |    |       |         |        |        |
| 271    | 17.356 | 17.327 | 17.387 | VV | 29699 | 812905  | 19.78% | 0.835% |
| 272    | 17.408 | 17.387 | 17.431 | VV | 21103 | 503607  | 12.25% | 0.517% |
| 273    | 17.442 | 17.431 | 17.464 | VV | 22439 | 399590  | 9.72%  | 0.410% |
| 274    | 17.485 | 17.464 | 17.507 | VV | 24309 | 557284  | 13.56% | 0.572% |
| 275    | 17.543 | 17.507 | 17.584 | VV | 22230 | 932737  | 22.69% | 0.958% |
|        |        |        |        |    |       |         |        |        |
| 276    | 17.601 | 17.584 | 17.620 | VV | 19689 | 398655  | 9.70%  | 0.409% |
| 277    | 17.640 | 17.620 | 17.676 | VV | 22868 | 692515  | 16.85% | 0.711% |
| 278    | 17.712 | 17.676 | 17.724 | VV | 23834 | 636624  | 15.49% | 0.654% |
| 279    | 17.795 | 17.724 | 17.829 | VV | 31602 | 1605895 | 39.07% | 1.649% |
| 280    | 17.854 | 17.829 | 17.874 | VV | 27507 | 654954  | 15.93% | 0.672% |
|        |        |        |        |    |       |         |        |        |
| 281    | 17.879 | 17.874 | 17.903 | VV | 23525 | 390097  | 9.49%  | 0.400% |
| 282    | 17.955 | 17.903 | 18.025 | VV | 29889 | 1854101 | 45.10% | 1.903% |
| 283    | 18.044 | 18.025 | 18.081 | VV | 24994 | 779438  | 18.96% | 0.800% |
| 284    | 18.160 | 18.081 | 18.193 | VV | 39358 | 1902088 | 46.27% | 1.953% |
| 285    | 18.213 | 18.193 | 18.240 | VV | 39427 | 867173  | 21.10% | 0.890% |
|        |        |        |        |    |       |         |        |        |
| 286    | 18.289 | 18.240 | 18.304 | VV | 28992 | 984676  | 23.95% | 1.011% |
| 287    | 18.321 | 18.304 | 18.349 | VV | 33906 | 795838  | 19.36% | 0.817% |
| 288    | 18.352 | 18.349 | 18.384 | VV | 27749 | 551545  | 13.42% | 0.566% |
| 289    | 18.390 | 18.384 | 18.414 | VV | 26848 | 466395  | 11.35% | 0.479% |
| 290    | 18.441 | 18.414 | 18.464 | VV | 29730 | 805783  | 19.60% | 0.827% |
|        |        |        |        |    |       |         |        |        |
| 291    | 18.482 | 18.464 | 18.506 | VV | 27092 | 650443  | 15.82% | 0.668% |
| 292    | 18.516 | 18.506 | 18.543 | VV | 26674 | 567752  | 13.81% | 0.583% |
| 293    | 18.566 | 18.543 | 18.596 | VV | 37285 | 963329  | 23.43% | 0.989% |
| 294    | 18.623 | 18.596 | 18.659 | VV | 37867 | 1179624 | 28.70% | 1.211% |
| 295    | 18.672 | 18.659 | 18.680 | VV | 26105 | 328386  | 7.99%  | 0.337% |
|        |        |        |        |    |       |         |        |        |
| 296    | 18.744 | 18.680 | 18.770 | VV | 34281 | 1571633 | 38.23% | 1.613% |
| 297    | 18.790 | 18.770 | 18.824 | VV | 32837 | 982109  | 23.89% | 1.008% |
| 298    | 18.829 | 18.824 | 18.858 | VV | 30555 | 575497  | 14.00% | 0.591% |
| 299    | 18.900 | 18.858 | 18.926 | VV | 30994 | 1199731 | 29.19% | 1.232% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.936 | 18.926 | 18.947 | VV | 30090  | 375672  | 9.14%  | 0.386% |
| 301 | 18.993 | 18.947 | 19.054 | VV | 50958  | 2420273 | 58.88% | 2.485% |
| 302 | 19.065 | 19.054 | 19.089 | VV | 35904  | 712499  | 17.33% | 0.731% |
| 303 | 19.141 | 19.089 | 19.152 | VV | 34285  | 1245323 | 30.30% | 1.278% |
| 304 | 19.167 | 19.152 | 19.199 | VV | 38134  | 949542  | 23.10% | 0.975% |
| 305 | 19.217 | 19.199 | 19.232 | VV | 31582  | 605585  | 14.73% | 0.622% |
| 306 | 19.283 | 19.232 | 19.372 | VV | 36109  | 2691519 | 65.48% | 2.763% |
| 307 | 19.399 | 19.372 | 19.432 | VV | 35140  | 1177753 | 28.65% | 1.209% |
| 308 | 19.452 | 19.432 | 19.476 | VV | 36475  | 877449  | 21.35% | 0.901% |
| 309 | 19.490 | 19.476 | 19.513 | VV | 35390  | 767676  | 18.68% | 0.788% |
| 310 | 19.524 | 19.513 | 19.578 | VV | 36025  | 1279888 | 31.14% | 1.314% |
| 311 | 19.588 | 19.578 | 19.611 | VV | 35128  | 651127  | 15.84% | 0.668% |
| 312 | 19.626 | 19.611 | 19.641 | VV | 33179  | 592508  | 14.41% | 0.608% |
| 313 | 19.706 | 19.641 | 19.736 | VV | 38142  | 1978731 | 48.14% | 2.031% |
| 314 | 19.769 | 19.736 | 19.822 | VV | 49327  | 2076997 | 50.53% | 2.132% |
| 315 | 19.843 | 19.822 | 19.887 | VV | 36812  | 1362052 | 33.13% | 1.398% |
| 316 | 19.938 | 19.887 | 19.982 | VV | 36843  | 2014366 | 49.00% | 2.068% |
| 317 | 20.017 | 19.982 | 20.037 | VV | 37750  | 1204777 | 29.31% | 1.237% |
| 318 | 20.061 | 20.037 | 20.087 | VV | 39240  | 1130676 | 27.51% | 1.161% |
| 319 | 20.097 | 20.087 | 20.123 | VV | 39457  | 797749  | 19.41% | 0.819% |
| 320 | 20.143 | 20.123 | 20.171 | VV | 39129  | 1079290 | 26.26% | 1.108% |
| 321 | 20.226 | 20.171 | 20.236 | VV | 41524  | 1524118 | 37.08% | 1.565% |
| 322 | 20.243 | 20.236 | 20.251 | VV | 41699  | 363290  | 8.84%  | 0.373% |
| 323 | 20.290 | 20.251 | 20.341 | VV | 44043  | 2230071 | 54.25% | 2.289% |
| 324 | 20.359 | 20.341 | 20.446 | VV | 42025  | 2483419 | 60.41% | 2.549% |
| 325 | 20.462 | 20.446 | 20.479 | VV | 38890  | 747562  | 18.19% | 0.767% |
| 326 | 20.498 | 20.479 | 20.538 | VV | 39378  | 1315776 | 32.01% | 1.351% |
| 327 | 20.549 | 20.538 | 20.584 | VV | 36353  | 979970  | 23.84% | 1.006% |
| 328 | 20.603 | 20.584 | 20.624 | VV | 34665  | 823484  | 20.03% | 0.845% |
| 329 | 20.635 | 20.624 | 20.670 | VV | 35723  | 920088  | 22.38% | 0.945% |
| 330 | 20.695 | 20.670 | 20.742 | VV | 33410  | 1365963 | 33.23% | 1.402% |
| 331 | 20.751 | 20.742 | 20.799 | VV | 31024  | 995330  | 24.21% | 1.022% |
| 332 | 20.812 | 20.799 | 20.837 | VV | 29327  | 637310  | 15.50% | 0.654% |
| 333 | 20.849 | 20.837 | 20.900 | VV | 28305  | 1023077 | 24.89% | 1.050% |
| 334 | 20.911 | 20.900 | 20.979 | VV | 24550  | 1126993 | 27.42% | 1.157% |
| 335 | 20.986 | 20.979 | 21.044 | VV | 22723  | 853894  | 20.77% | 0.877% |
| 336 | 21.060 | 21.044 | 21.099 | VV | 21737  | 674198  | 16.40% | 0.692% |
| 337 | 21.113 | 21.099 | 21.159 | VV | 20965  | 685357  | 16.67% | 0.704% |
| 338 | 21.175 | 21.159 | 21.197 | VV | 18905  | 408556  | 9.94%  | 0.419% |
| 339 | 21.200 | 21.197 | 21.219 | VV | 17005  | 210181  | 5.11%  | 0.216% |
| 340 | 21.242 | 21.219 | 21.254 | VV | 16354  | 325565  | 7.92%  | 0.334% |
| 341 | 21.282 | 21.254 | 21.294 | VV | 16266  | 368563  | 8.97%  | 0.378% |
| 342 | 21.318 | 21.294 | 21.331 | VV | 15298  | 317026  | 7.71%  | 0.325% |
| 343 | 21.340 | 21.331 | 21.349 | VV | 13784  | 148160  | 3.60%  | 0.152% |
| 344 | 21.360 | 21.349 | 21.372 | VV | 13481  | 181062  | 4.40%  | 0.186% |
| 345 | 21.383 | 21.372 | 21.395 | VV | 12920  | 174833  | 4.25%  | 0.179% |
| 346 | 21.409 | 21.395 | 21.442 | VV | 13715  | 333332  | 8.11%  | 0.342% |
| 347 | 21.454 | 21.442 | 21.467 | VV | 11490  | 152001  | 3.70%  | 0.156% |
| 348 | 21.479 | 21.467 | 21.496 | VV | 10059  | 160713  | 3.91%  | 0.165% |
| 349 | 21.502 | 21.496 | 21.511 | VV | 10009  | 86110   | 2.09%  | 0.088% |
| 350 | 21.520 | 21.511 | 21.537 | VV | 9718   | 138740  | 3.38%  | 0.142% |
| 351 | 21.559 | 21.537 | 21.606 | VV | 8443   | 299649  | 7.29%  | 0.308% |

|     |        |        |        |    |                         |          |       |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|--|
|     |        |        |        |    | rteres                  |          |       |        |  |
| 352 | 21.634 | 21.606 | 21.672 | VV | 6985                    | 223752   | 5.44% | 0.230% |  |
| 353 | 21.678 | 21.672 | 21.729 | VV | 5226                    | 146500   | 3.56% | 0.150% |  |
| 354 | 21.750 | 21.729 | 21.760 | VV | 4817                    | 69833    | 1.70% | 0.072% |  |
| 355 | 21.765 | 21.760 | 21.807 | VV | 3939                    | 81391    | 1.98% | 0.084% |  |
| 356 | 21.834 | 21.807 | 21.872 | VV | 3369                    | 74314    | 1.81% | 0.076% |  |
|     |        |        |        |    | Sum of corrected areas: | 97412186 |       |        |  |

Alaphatic EPH 080819.M Fri Aug 09 10:45:56 2019