

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051519AL\  
 Data File : FC041199.D  
 Signal(s) : FID1A.CH  
 Acq On : 15 May 2019 21:42  
 Sample : K2815-02DL 5X  
 Misc :  
 ALS Vial : 14 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         | 3.475       | 3.422        | 3.515      | BV       | 10229          | 98804        | 1.91%          | 0.051%        |
| 2         | 3.525       | 3.515        | 3.558      | VV       | 463            | 5973         | 0.12%          | 0.003%        |
| 3         | 3.578       | 3.558        | 3.591      | PV       | 1100           | 9932         | 0.19%          | 0.005%        |
| 4         | 3.607       | 3.591        | 3.620      | VV       | 1683           | 17427        | 0.34%          | 0.009%        |
| 5         | 3.630       | 3.620        | 3.646      | VV       | 1125           | 10574        | 0.20%          | 0.005%        |
| 6         | 3.676       | 3.646        | 3.709      | VV       | 1314           | 25020        | 0.48%          | 0.013%        |
| 7         | 3.748       | 3.709        | 3.776      | VV       | 4105           | 57627        | 1.11%          | 0.030%        |
| 8         | 3.797       | 3.776        | 3.822      | VV       | 1403           | 25770        | 0.50%          | 0.013%        |
| 9         | 3.850       | 3.822        | 3.876      | VV       | 5132           | 66538        | 1.29%          | 0.035%        |
| 10        | 3.889       | 3.876        | 3.905      | VV       | 4904           | 50496        | 0.98%          | 0.026%        |
| 11        | 3.924       | 3.905        | 3.939      | VV       | 3140           | 38857        | 0.75%          | 0.020%        |
| 12        | 3.947       | 3.939        | 3.957      | VV       | 1340           | 11425        | 0.22%          | 0.006%        |
| 13        | 3.974       | 3.957        | 4.011      | VV       | 17771          | 213534       | 4.13%          | 0.111%        |
| 14        | 4.026       | 4.011        | 4.040      | VV       | 3407           | 30429        | 0.59%          | 0.016%        |
| 15        | 4.058       | 4.040        | 4.113      | VV       | 11679          | 151079       | 2.92%          | 0.079%        |
| 16        | 4.150       | 4.113        | 4.164      | VV       | 10900          | 145392       | 2.81%          | 0.076%        |
| 17        | 4.175       | 4.164        | 4.194      | VV       | 7362           | 77030        | 1.49%          | 0.040%        |
| 18        | 4.213       | 4.194        | 4.224      | VV       | 2903           | 40636        | 0.79%          | 0.021%        |
| 19        | 4.242       | 4.224        | 4.267      | VV       | 7862           | 92634        | 1.79%          | 0.048%        |
| 20        | 4.314       | 4.267        | 4.342      | VV       | 39141          | 397629       | 7.68%          | 0.207%        |
| 21        | 4.357       | 4.342        | 4.382      | VV       | 5838           | 80974        | 1.56%          | 0.042%        |
| 22        | 4.394       | 4.382        | 4.407      | VV       | 2800           | 31669        | 0.61%          | 0.016%        |
| 23        | 4.413       | 4.407        | 4.434      | VV       | 2017           | 18729        | 0.36%          | 0.010%        |
| 24        | 4.468       | 4.434        | 4.487      | VV       | 3555           | 67612        | 1.31%          | 0.035%        |
| 25        | 4.506       | 4.487        | 4.523      | VV       | 6200           | 79347        | 1.53%          | 0.041%        |
| 26        | 4.546       | 4.523        | 4.575      | VV       | 51744          | 489282       | 9.46%          | 0.254%        |
| 27        | 4.594       | 4.575        | 4.609      | VV       | 17044          | 155588       | 3.01%          | 0.081%        |
| 28        | 4.622       | 4.609        | 4.640      | VV       | 7088           | 75390        | 1.46%          | 0.039%        |
| 29        | 4.654       | 4.640        | 4.680      | VV       | 4041           | 54170        | 1.05%          | 0.028%        |
| 30        | 4.702       | 4.680        | 4.737      | VV       | 12912          | 172738       | 3.34%          | 0.090%        |
| 31        | 4.751       | 4.737        | 4.764      | VV       | 6808           | 77918        | 1.51%          | 0.040%        |
| 32        | 4.772       | 4.764        | 4.784      | VV       | 4942           | 53617        | 1.04%          | 0.028%        |
| 33        | 4.800       | 4.784        | 4.818      | VV       | 18984          | 192019       | 3.71%          | 0.100%        |
| 34        | 4.834       | 4.818        | 4.867      | VV       | 10706          | 172221       | 3.33%          | 0.089%        |
| 35        | 4.881       | 4.867        | 4.890      | VV       | 7662           | 78033        | 1.51%          | 0.041%        |
| 36        | 4.902       | 4.890        | 4.911      | VV       | 9856           | 93884        | 1.81%          | 0.049%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.927 | 4.911 | 4.944 | VV | 20375  | 219625  | 4.24%  | 0.114% |
| 38     | 4.965 | 4.944 | 4.987 | VV | 20435  | 285757  | 5.52%  | 0.148% |
| 39     | 5.002 | 4.987 | 5.016 | VV | 19086  | 197027  | 3.81%  | 0.102% |
| 40     | 5.028 | 5.016 | 5.047 | VV | 13531  | 156563  | 3.03%  | 0.081% |
| 41     | 5.079 | 5.047 | 5.131 | VV | 10366  | 238255  | 4.60%  | 0.124% |
| 42     | 5.155 | 5.131 | 5.168 | VV | 11041  | 127798  | 2.47%  | 0.066% |
| 43     | 5.189 | 5.168 | 5.215 | VV | 26844  | 458582  | 8.86%  | 0.238% |
| 44     | 5.224 | 5.215 | 5.234 | VV | 15821  | 145601  | 2.81%  | 0.076% |
| 45     | 5.246 | 5.234 | 5.255 | VV | 17828  | 165062  | 3.19%  | 0.086% |
| 46     | 5.268 | 5.255 | 5.310 | VV | 26864  | 463353  | 8.95%  | 0.241% |
| 47     | 5.320 | 5.310 | 5.336 | VV | 6951   | 78164   | 1.51%  | 0.041% |
| 48     | 5.352 | 5.336 | 5.367 | VV | 3769   | 63466   | 1.23%  | 0.033% |
| 49     | 5.388 | 5.367 | 5.417 | VV | 9574   | 184607  | 3.57%  | 0.096% |
| 50     | 5.459 | 5.417 | 5.469 | VV | 16761  | 312513  | 6.04%  | 0.162% |
| 51     | 5.477 | 5.469 | 5.496 | VV | 15987  | 184058  | 3.56%  | 0.096% |
| 52     | 5.513 | 5.496 | 5.525 | VV | 8713   | 127055  | 2.46%  | 0.066% |
| 53     | 5.536 | 5.525 | 5.559 | VV | 8976   | 128999  | 2.49%  | 0.067% |
| 54     | 5.581 | 5.559 | 5.603 | VV | 120771 | 1281199 | 24.76% | 0.666% |
| 55     | 5.620 | 5.603 | 5.641 | VV | 37855  | 422958  | 8.17%  | 0.220% |
| 56     | 5.656 | 5.641 | 5.667 | VV | 9280   | 105237  | 2.03%  | 0.055% |
| 57     | 5.675 | 5.667 | 5.691 | VV | 6644   | 74708   | 1.44%  | 0.039% |
| 58     | 5.720 | 5.691 | 5.732 | VV | 6549   | 123201  | 2.38%  | 0.064% |
| 59     | 5.740 | 5.732 | 5.750 | VV | 5662   | 56651   | 1.09%  | 0.029% |
| 60     | 5.776 | 5.750 | 5.812 | VV | 48877  | 710561  | 13.73% | 0.369% |
| 61     | 5.831 | 5.812 | 5.841 | VV | 8348   | 128373  | 2.48%  | 0.067% |
| 62     | 5.870 | 5.841 | 5.905 | VV | 48291  | 918001  | 17.74% | 0.477% |
| 63     | 5.924 | 5.905 | 5.940 | VV | 23628  | 292962  | 5.66%  | 0.152% |
| 64     | 5.961 | 5.940 | 5.979 | VV | 37786  | 517013  | 9.99%  | 0.269% |
| 65     | 5.995 | 5.979 | 6.020 | VV | 18572  | 314929  | 6.09%  | 0.164% |
| 66     | 6.039 | 6.020 | 6.062 | VV | 17713  | 256714  | 4.96%  | 0.133% |
| 67     | 6.086 | 6.062 | 6.111 | VV | 20051  | 394572  | 7.63%  | 0.205% |
| 68     | 6.138 | 6.111 | 6.156 | VV | 54809  | 690891  | 13.35% | 0.359% |
| 69     | 6.177 | 6.156 | 6.199 | VV | 20844  | 381867  | 7.38%  | 0.198% |
| 70     | 6.221 | 6.199 | 6.249 | VV | 33836  | 505675  | 9.77%  | 0.263% |
| 71     | 6.277 | 6.249 | 6.297 | VV | 37620  | 711846  | 13.76% | 0.370% |
| 72     | 6.315 | 6.297 | 6.337 | VV | 22125  | 394914  | 7.63%  | 0.205% |
| 73     | 6.353 | 6.337 | 6.369 | VV | 27481  | 351553  | 6.79%  | 0.183% |
| 74     | 6.402 | 6.369 | 6.423 | VV | 21247  | 545510  | 10.54% | 0.283% |
| 75     | 6.445 | 6.423 | 6.465 | VV | 16853  | 324563  | 6.27%  | 0.169% |
| 76     | 6.506 | 6.465 | 6.534 | VV | 37017  | 800260  | 15.47% | 0.416% |
| 77     | 6.560 | 6.534 | 6.608 | VV | 152011 | 1962377 | 37.92% | 1.020% |
| 78     | 6.651 | 6.608 | 6.662 | VV | 15323  | 376600  | 7.28%  | 0.196% |
| 79     | 6.680 | 6.662 | 6.688 | VV | 23286  | 297581  | 5.75%  | 0.155% |
| 80     | 6.708 | 6.688 | 6.730 | VV | 59359  | 805227  | 15.56% | 0.418% |
| 81     | 6.762 | 6.730 | 6.799 | VV | 33484  | 774466  | 14.97% | 0.402% |
| 82     | 6.845 | 6.799 | 6.863 | VV | 42399  | 815863  | 15.77% | 0.424% |
| 83     | 6.901 | 6.863 | 6.932 | VV | 28122  | 857078  | 16.56% | 0.445% |
| 84     | 6.968 | 6.932 | 6.989 | VV | 89464  | 1243623 | 24.03% | 0.646% |
| 85     | 7.003 | 6.989 | 7.017 | VV | 20286  | 278537  | 5.38%  | 0.145% |
| 86     | 7.034 | 7.017 | 7.045 | VV | 21304  | 315643  | 6.10%  | 0.164% |
| 87     | 7.080 | 7.045 | 7.103 | VV | 32143  | 889799  | 17.20% | 0.462% |
| 88     | 7.123 | 7.103 | 7.143 | VV | 47562  | 787337  | 15.22% | 0.409% |
| 89     | 7.160 | 7.143 | 7.172 | VV | 38888  | 541044  | 10.46% | 0.281% |

|     |       |       |       |    |        |         |         |        |
|-----|-------|-------|-------|----|--------|---------|---------|--------|
|     |       |       |       |    | rteres |         |         |        |
| 90  | 7.192 | 7.172 | 7.242 | VV | 186038 | 2643821 | 51.09%  | 1.374% |
| 91  | 7.261 | 7.242 | 7.305 | VV | 73293  | 1426027 | 27.56%  | 0.741% |
| 92  | 7.326 | 7.305 | 7.350 | VV | 109418 | 1377299 | 26.62%  | 0.716% |
| 93  | 7.367 | 7.350 | 7.386 | VV | 27586  | 467195  | 9.03%   | 0.243% |
| 94  | 7.409 | 7.386 | 7.432 | VV | 21729  | 549682  | 10.62%  | 0.286% |
| 95  | 7.480 | 7.432 | 7.516 | VV | 232318 | 3533189 | 68.28%  | 1.836% |
| 96  | 7.531 | 7.516 | 7.545 | VV | 35936  | 513983  | 9.93%   | 0.267% |
| 97  | 7.573 | 7.545 | 7.613 | VV | 31062  | 1079444 | 20.86%  | 0.561% |
| 98  | 7.659 | 7.613 | 7.699 | VV | 53403  | 1668906 | 32.25%  | 0.867% |
| 99  | 7.713 | 7.699 | 7.732 | VV | 32006  | 505286  | 9.76%   | 0.263% |
| 100 | 7.759 | 7.732 | 7.768 | VV | 23786  | 425690  | 8.23%   | 0.221% |
| 101 | 7.797 | 7.768 | 7.837 | VV | 139140 | 2327360 | 44.98%  | 1.209% |
| 102 | 7.848 | 7.837 | 7.864 | VV | 28787  | 418212  | 8.08%   | 0.217% |
| 103 | 7.877 | 7.864 | 7.888 | VV | 26383  | 353151  | 6.82%   | 0.184% |
| 104 | 7.913 | 7.888 | 7.946 | VV | 45233  | 1286622 | 24.86%  | 0.669% |
| 105 | 7.959 | 7.946 | 7.982 | VV | 36733  | 671533  | 12.98%  | 0.349% |
| 106 | 8.001 | 7.982 | 8.021 | VV | 48370  | 775517  | 14.99%  | 0.403% |
| 107 | 8.046 | 8.021 | 8.057 | VV | 63053  | 911826  | 17.62%  | 0.474% |
| 108 | 8.069 | 8.057 | 8.082 | VV | 66168  | 835591  | 16.15%  | 0.434% |
| 109 | 8.100 | 8.082 | 8.144 | VV | 87798  | 1933049 | 37.36%  | 1.004% |
| 110 | 8.171 | 8.144 | 8.224 | VV | 161250 | 3345096 | 64.64%  | 1.738% |
| 111 | 8.285 | 8.224 | 8.300 | VV | 152955 | 2776675 | 53.66%  | 1.443% |
| 112 | 8.312 | 8.300 | 8.328 | VV | 120743 | 1356735 | 26.22%  | 0.705% |
| 113 | 8.349 | 8.328 | 8.382 | VV | 292520 | 3840624 | 74.22%  | 1.996% |
| 114 | 8.396 | 8.382 | 8.417 | VV | 53764  | 885555  | 17.11%  | 0.460% |
| 115 | 8.446 | 8.417 | 8.480 | VV | 75344  | 1972710 | 38.12%  | 1.025% |
| 116 | 8.493 | 8.480 | 8.502 | VV | 32876  | 406460  | 7.85%   | 0.211% |
| 117 | 8.522 | 8.502 | 8.547 | VV | 79148  | 1429101 | 27.62%  | 0.743% |
| 118 | 8.560 | 8.547 | 8.614 | VV | 53600  | 1760849 | 34.03%  | 0.915% |
| 119 | 8.638 | 8.614 | 8.647 | VV | 39333  | 736084  | 14.22%  | 0.383% |
| 120 | 8.666 | 8.647 | 8.690 | VV | 99533  | 1458910 | 28.19%  | 0.758% |
| 121 | 8.711 | 8.690 | 8.736 | VV | 49501  | 1112118 | 21.49%  | 0.578% |
| 122 | 8.757 | 8.736 | 8.782 | VV | 54411  | 1346953 | 26.03%  | 0.700% |
| 123 | 8.816 | 8.782 | 8.848 | VV | 76139  | 2261539 | 43.70%  | 1.175% |
| 124 | 8.883 | 8.848 | 8.908 | VV | 201997 | 3334460 | 64.44%  | 1.733% |
| 125 | 8.932 | 8.908 | 8.952 | VV | 53588  | 1157847 | 22.38%  | 0.602% |
| 126 | 8.967 | 8.952 | 8.979 | VV | 41027  | 639045  | 12.35%  | 0.332% |
| 127 | 8.999 | 8.979 | 9.019 | VV | 91399  | 1486565 | 28.73%  | 0.772% |
| 128 | 9.033 | 9.019 | 9.054 | VV | 62634  | 1021380 | 19.74%  | 0.531% |
| 129 | 9.071 | 9.054 | 9.087 | VV | 42725  | 766742  | 14.82%  | 0.398% |
| 130 | 9.122 | 9.087 | 9.136 | VV | 60730  | 1370754 | 26.49%  | 0.712% |
| 131 | 9.169 | 9.136 | 9.192 | VV | 413352 | 5174637 | 100.00% | 2.689% |
| 132 | 9.210 | 9.192 | 9.235 | VV | 94115  | 1521738 | 29.41%  | 0.791% |
| 133 | 9.253 | 9.235 | 9.287 | VV | 43592  | 1215243 | 23.48%  | 0.631% |
| 134 | 9.326 | 9.287 | 9.342 | VV | 75321  | 1579999 | 30.53%  | 0.821% |
| 135 | 9.357 | 9.342 | 9.389 | VV | 70585  | 1289144 | 24.91%  | 0.670% |
| 136 | 9.404 | 9.389 | 9.420 | VV | 40506  | 687677  | 13.29%  | 0.357% |
| 137 | 9.461 | 9.420 | 9.482 | VV | 85052  | 2013989 | 38.92%  | 1.047% |
| 138 | 9.496 | 9.482 | 9.517 | VV | 44351  | 814753  | 15.75%  | 0.423% |
| 139 | 9.544 | 9.517 | 9.562 | VV | 88093  | 1605852 | 31.03%  | 0.834% |
| 140 | 9.571 | 9.562 | 9.594 | VV | 55621  | 914053  | 17.66%  | 0.475% |
| 141 | 9.625 | 9.594 | 9.651 | VV | 97420  | 2147662 | 41.50%  | 1.116% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.669  | 9.651  | 9.685  | VV | 67625  | 1074646 | 20.77% | 0.558% |
| 143    | 9.700  | 9.685  | 9.709  | VV | 55447  | 719980  | 13.91% | 0.374% |
| 144    | 9.722  | 9.709  | 9.772  | VV | 68145  | 1934233 | 37.38% | 1.005% |
| 145    | 9.781  | 9.772  | 9.811  | VV | 38869  | 806355  | 15.58% | 0.419% |
|        |        |        |        |    |        |         |        |        |
| 146    | 9.826  | 9.811  | 9.841  | VV | 33603  | 593197  | 11.46% | 0.308% |
| 147    | 9.864  | 9.841  | 9.884  | VV | 50522  | 1079075 | 20.85% | 0.561% |
| 148    | 9.904  | 9.884  | 9.922  | VV | 53786  | 1148355 | 22.19% | 0.597% |
| 149    | 9.944  | 9.922  | 9.996  | VV | 345447 | 5050300 | 97.60% | 2.624% |
| 150    | 10.008 | 9.996  | 10.015 | VV | 38401  | 430371  | 8.32%  | 0.224% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.028 | 10.015 | 10.042 | VV | 41215  | 645744  | 12.48% | 0.336% |
| 152    | 10.057 | 10.042 | 10.094 | VV | 41469  | 1092006 | 21.10% | 0.567% |
| 153    | 10.124 | 10.094 | 10.204 | VV | 46455  | 2229808 | 43.09% | 1.159% |
| 154    | 10.222 | 10.204 | 10.240 | VV | 35198  | 677629  | 13.10% | 0.352% |
| 155    | 10.285 | 10.240 | 10.302 | VV | 58408  | 1467330 | 28.36% | 0.762% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.332 | 10.302 | 10.361 | VV | 151302 | 2686617 | 51.92% | 1.396% |
| 157    | 10.390 | 10.361 | 10.404 | VV | 55860  | 1193881 | 23.07% | 0.620% |
| 158    | 10.419 | 10.404 | 10.444 | VV | 78309  | 1285770 | 24.85% | 0.668% |
| 159    | 10.467 | 10.444 | 10.508 | VV | 74029  | 1738442 | 33.60% | 0.903% |
| 160    | 10.539 | 10.508 | 10.579 | VV | 44356  | 1597996 | 30.88% | 0.830% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.603 | 10.579 | 10.644 | VV | 45103  | 1462456 | 28.26% | 0.760% |
| 162    | 10.680 | 10.644 | 10.723 | VV | 298886 | 4682061 | 90.48% | 2.433% |
| 163    | 10.752 | 10.723 | 10.782 | VV | 229862 | 3762441 | 72.71% | 1.955% |
| 164    | 10.803 | 10.782 | 10.833 | VV | 38966  | 1083901 | 20.95% | 0.563% |
| 165    | 10.843 | 10.833 | 10.857 | VV | 30867  | 416092  | 8.04%  | 0.216% |
|        |        |        |        |    |        |         |        |        |
| 166    | 10.887 | 10.857 | 10.914 | VV | 31646  | 1037121 | 20.04% | 0.539% |
| 167    | 10.943 | 10.914 | 10.977 | VV | 53213  | 1416389 | 27.37% | 0.736% |
| 168    | 11.017 | 10.977 | 11.039 | VV | 42040  | 1322456 | 25.56% | 0.687% |
| 169    | 11.072 | 11.039 | 11.107 | VV | 50741  | 1521789 | 29.41% | 0.791% |
| 170    | 11.131 | 11.107 | 11.171 | VV | 44207  | 1297077 | 25.07% | 0.674% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.184 | 11.171 | 11.209 | VV | 37635  | 741764  | 14.33% | 0.385% |
| 172    | 11.249 | 11.209 | 11.272 | VV | 35826  | 1149184 | 22.21% | 0.597% |
| 173    | 11.298 | 11.272 | 11.317 | VV | 34035  | 826960  | 15.98% | 0.430% |
| 174    | 11.334 | 11.317 | 11.352 | VV | 34032  | 657750  | 12.71% | 0.342% |
| 175    | 11.380 | 11.352 | 11.404 | VV | 224089 | 2989151 | 57.77% | 1.553% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.417 | 11.404 | 11.443 | VV | 33332  | 746768  | 14.43% | 0.388% |
| 177    | 11.470 | 11.443 | 11.507 | VV | 99223  | 2005467 | 38.76% | 1.042% |
| 178    | 11.535 | 11.507 | 11.557 | VV | 30305  | 742206  | 14.34% | 0.386% |
| 179    | 11.591 | 11.557 | 11.612 | VV | 28987  | 861419  | 16.65% | 0.448% |
| 180    | 11.627 | 11.612 | 11.651 | VV | 26800  | 589566  | 11.39% | 0.306% |
|        |        |        |        |    |        |         |        |        |
| 181    | 11.674 | 11.651 | 11.682 | VV | 32998  | 550612  | 10.64% | 0.286% |
| 182    | 11.703 | 11.682 | 11.724 | VV | 95779  | 1384261 | 26.75% | 0.719% |
| 183    | 11.742 | 11.724 | 11.756 | VV | 39525  | 631336  | 12.20% | 0.328% |
| 184    | 11.773 | 11.756 | 11.797 | VV | 52596  | 911225  | 17.61% | 0.474% |
| 185    | 11.811 | 11.797 | 11.826 | VV | 28616  | 435853  | 8.42%  | 0.226% |
|        |        |        |        |    |        |         |        |        |
| 186    | 11.834 | 11.826 | 11.845 | VV | 24777  | 281422  | 5.44%  | 0.146% |
| 187    | 11.860 | 11.845 | 11.875 | VV | 28859  | 465639  | 9.00%  | 0.242% |
| 188    | 11.891 | 11.875 | 11.907 | VV | 33311  | 540823  | 10.45% | 0.281% |
| 189    | 11.924 | 11.907 | 11.974 | VV | 31752  | 950137  | 18.36% | 0.494% |
| 190    | 11.993 | 11.974 | 12.002 | VV | 21670  | 344637  | 6.66%  | 0.179% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.047 | 12.002 | 12.131 | VV | 153502 | 3371033 | 65.15% | 1.752% |
| 192    | 12.145 | 12.131 | 12.171 | VV | 20744  | 477264  | 9.22%  | 0.248% |
| 193    | 12.177 | 12.171 | 12.194 | VV | 19764  | 261357  | 5.05%  | 0.136% |
| 194    | 12.204 | 12.194 | 12.222 | VV | 17749  | 286681  | 5.54%  | 0.149% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.242 | 12.222 | 12.257 | VV | 20047  | 382136  | 7.38%  | 0.199% |
| 196 | 12.273 | 12.257 | 12.294 | VV | 20517  | 409211  | 7.91%  | 0.213% |
| 197 | 12.316 | 12.294 | 12.336 | VV | 20782  | 487025  | 9.41%  | 0.253% |
| 198 | 12.352 | 12.336 | 12.372 | VV | 20362  | 397481  | 7.68%  | 0.207% |
| 199 | 12.387 | 12.372 | 12.402 | VV | 17468  | 302173  | 5.84%  | 0.157% |
| 200 | 12.424 | 12.402 | 12.442 | VV | 20425  | 447647  | 8.65%  | 0.233% |
| 201 | 12.458 | 12.442 | 12.495 | VV | 25562  | 637157  | 12.31% | 0.331% |
| 202 | 12.530 | 12.495 | 12.577 | VV | 22364  | 894984  | 17.30% | 0.465% |
| 203 | 12.605 | 12.577 | 12.622 | VV | 18769  | 442208  | 8.55%  | 0.230% |
| 204 | 12.639 | 12.622 | 12.657 | VV | 26115  | 437106  | 8.45%  | 0.227% |
| 205 | 12.684 | 12.657 | 12.731 | VV | 105862 | 1770544 | 34.22% | 0.920% |
| 206 | 12.751 | 12.731 | 12.812 | VV | 18938  | 707848  | 13.68% | 0.368% |
| 207 | 12.829 | 12.812 | 12.849 | VV | 12817  | 271919  | 5.25%  | 0.141% |
| 208 | 12.857 | 12.849 | 12.865 | VV | 11903  | 110552  | 2.14%  | 0.057% |
| 209 | 12.879 | 12.865 | 12.896 | VV | 12556  | 220292  | 4.26%  | 0.114% |
| 210 | 12.941 | 12.896 | 12.992 | VV | 14412  | 730791  | 14.12% | 0.380% |
| 211 | 13.005 | 12.992 | 13.025 | VV | 12510  | 222425  | 4.30%  | 0.116% |
| 212 | 13.047 | 13.025 | 13.062 | VV | 14774  | 285598  | 5.52%  | 0.148% |
| 213 | 13.076 | 13.062 | 13.093 | VV | 15006  | 236045  | 4.56%  | 0.123% |
| 214 | 13.128 | 13.093 | 13.158 | VV | 65451  | 1072557 | 20.73% | 0.557% |
| 215 | 13.182 | 13.158 | 13.212 | VV | 14805  | 403576  | 7.80%  | 0.210% |
| 216 | 13.223 | 13.212 | 13.249 | VV | 10624  | 223297  | 4.32%  | 0.116% |
| 217 | 13.257 | 13.249 | 13.266 | VV | 9307   | 91728   | 1.77%  | 0.048% |
| 218 | 13.294 | 13.266 | 13.319 | VV | 64116  | 924008  | 17.86% | 0.480% |
| 219 | 13.339 | 13.319 | 13.364 | VV | 12293  | 297625  | 5.75%  | 0.155% |
| 220 | 13.381 | 13.364 | 13.432 | VV | 11839  | 383809  | 7.42%  | 0.199% |
| 221 | 13.447 | 13.432 | 13.459 | VV | 8747   | 133915  | 2.59%  | 0.070% |
| 222 | 13.477 | 13.459 | 13.496 | VV | 9128   | 187723  | 3.63%  | 0.098% |
| 223 | 13.524 | 13.496 | 13.546 | VV | 11108  | 274161  | 5.30%  | 0.142% |
| 224 | 13.559 | 13.546 | 13.588 | VV | 9031   | 216537  | 4.18%  | 0.113% |
| 225 | 13.601 | 13.588 | 13.618 | VV | 8474   | 140697  | 2.72%  | 0.073% |
| 226 | 13.640 | 13.618 | 13.657 | VV | 8854   | 181303  | 3.50%  | 0.094% |
| 227 | 13.674 | 13.657 | 13.699 | VV | 8600   | 199918  | 3.86%  | 0.104% |
| 228 | 13.718 | 13.699 | 13.754 | VV | 8968   | 249642  | 4.82%  | 0.130% |
| 229 | 13.787 | 13.754 | 13.816 | VV | 8051   | 261480  | 5.05%  | 0.136% |
| 230 | 13.830 | 13.816 | 13.849 | VV | 6909   | 127274  | 2.46%  | 0.066% |
| 231 | 13.878 | 13.849 | 13.949 | VV | 40712  | 762209  | 14.73% | 0.396% |
| 232 | 13.961 | 13.949 | 14.013 | VV | 6279   | 207615  | 4.01%  | 0.108% |
| 233 | 14.025 | 14.013 | 14.051 | VV | 4964   | 103618  | 2.00%  | 0.054% |
| 234 | 14.108 | 14.051 | 14.138 | VV | 6698   | 274727  | 5.31%  | 0.143% |
| 235 | 14.146 | 14.138 | 14.159 | VV | 4525   | 55936   | 1.08%  | 0.029% |
| 236 | 14.173 | 14.159 | 14.196 | VV | 4621   | 95633   | 1.85%  | 0.050% |
| 237 | 14.205 | 14.196 | 14.224 | VV | 4387   | 71405   | 1.38%  | 0.037% |
| 238 | 14.243 | 14.224 | 14.279 | VV | 5259   | 156300  | 3.02%  | 0.081% |
| 239 | 14.288 | 14.279 | 14.337 | VV | 4812   | 143592  | 2.77%  | 0.075% |
| 240 | 14.350 | 14.337 | 14.409 | VV | 3767   | 146963  | 2.84%  | 0.076% |
| 241 | 14.439 | 14.409 | 14.482 | VV | 22113  | 368742  | 7.13%  | 0.192% |
| 242 | 14.502 | 14.482 | 14.529 | VV | 3509   | 89745   | 1.73%  | 0.047% |
| 243 | 14.547 | 14.529 | 14.611 | VV | 3216   | 141065  | 2.73%  | 0.073% |
| 244 | 14.614 | 14.611 | 14.626 | VV | 2428   | 20857   | 0.40%  | 0.011% |
| 245 | 14.647 | 14.626 | 14.705 | VV | 3063   | 122841  | 2.37%  | 0.064% |
| 246 | 14.731 | 14.705 | 14.769 | VV | 4898   | 113774  | 2.20%  | 0.059% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 14.787 | 14.769 | 14.804 | VV | 2401   | 44801  | 0.87% | 0.023% |
| 248 | 14.833 | 14.804 | 14.856 | VV | 2402   | 62795  | 1.21% | 0.033% |
| 249 | 14.869 | 14.856 | 14.892 | VV | 1852   | 35541  | 0.69% | 0.018% |
| 250 | 14.929 | 14.892 | 14.947 | VV | 1662   | 49223  | 0.95% | 0.026% |
| 251 | 14.977 | 14.947 | 15.004 | VV | 11128  | 169726 | 3.28% | 0.088% |
| 252 | 15.023 | 15.004 | 15.066 | VV | 1836   | 53229  | 1.03% | 0.028% |
| 253 | 15.078 | 15.066 | 15.104 | VV | 1297   | 26520  | 0.51% | 0.014% |
| 254 | 15.117 | 15.104 | 15.150 | VV | 1160   | 27567  | 0.53% | 0.014% |
| 255 | 15.170 | 15.150 | 15.211 | VV | 1177   | 34808  | 0.67% | 0.018% |
| 256 | 15.231 | 15.211 | 15.277 | VV | 1025   | 32586  | 0.63% | 0.017% |
| 257 | 15.311 | 15.277 | 15.337 | VV | 898    | 26421  | 0.51% | 0.014% |
| 258 | 15.366 | 15.337 | 15.468 | VV | 4189   | 161464 | 3.12% | 0.084% |
| 259 | 15.495 | 15.468 | 15.533 | VV | 5837   | 92630  | 1.79% | 0.048% |
| 260 | 15.545 | 15.533 | 15.558 | VV | 751    | 11192  | 0.22% | 0.006% |
| 261 | 15.577 | 15.558 | 15.652 | VV | 1114   | 31323  | 0.61% | 0.016% |
| 262 | 15.672 | 15.652 | 15.694 | VV | 412    | 7823   | 0.15% | 0.004% |
| 263 | 15.709 | 15.694 | 15.729 | VV | 341    | 5544   | 0.11% | 0.003% |
| 264 | 15.760 | 15.729 | 15.775 | VV | 346    | 7351   | 0.14% | 0.004% |
| 265 | 15.818 | 15.775 | 15.852 | VV | 453    | 14267  | 0.28% | 0.007% |
| 266 | 15.870 | 15.852 | 15.916 | VV | 376    | 9935   | 0.19% | 0.005% |
| 267 | 15.934 | 15.916 | 15.941 | VV | 371    | 4125   | 0.08% | 0.002% |
| 268 | 15.953 | 15.941 | 15.967 | VV | 371    | 4907   | 0.09% | 0.003% |
| 269 | 15.994 | 15.967 | 16.037 | VV | 4373   | 57369  | 1.11% | 0.030% |
| 270 | 16.053 | 16.037 | 16.087 | VV | 366    | 6072   | 0.12% | 0.003% |
| 271 | 16.096 | 16.087 | 16.107 | VV | 113    | 1298   | 0.03% | 0.001% |
| 272 | 16.121 | 16.107 | 16.151 | VV | 309    | 4173   | 0.08% | 0.002% |
| 273 | 16.168 | 16.151 | 16.242 | VV | 361    | 8354   | 0.16% | 0.004% |
| 274 | 16.251 | 16.242 | 16.266 | VV | 206    | 1455   | 0.03% | 0.001% |
| 275 | 16.311 | 16.266 | 16.327 | PV | 307    | 5449   | 0.11% | 0.003% |
| 276 | 16.385 | 16.327 | 16.416 | VV | 552    | 16594  | 0.32% | 0.009% |
| 277 | 16.440 | 16.416 | 16.454 | VV | 505    | 9634   | 0.19% | 0.005% |
| 278 | 16.477 | 16.454 | 16.519 | VV | 3760   | 54726  | 1.06% | 0.028% |
| 279 | 16.557 | 16.519 | 16.599 | VV | 460    | 10802  | 0.21% | 0.006% |
| 280 | 16.609 | 16.599 | 16.631 | VV | 286    | 3176   | 0.06% | 0.002% |
| 281 | 16.645 | 16.631 | 16.659 | VV | 212    | 2644   | 0.05% | 0.001% |
| 282 | 16.664 | 16.659 | 16.678 | VV | 203    | 1777   | 0.03% | 0.001% |
| 283 | 16.688 | 16.678 | 16.714 | VV | 225    | 2957   | 0.06% | 0.002% |
| 284 | 16.778 | 16.714 | 16.797 | PV | 222    | 5575   | 0.11% | 0.003% |
| 285 | 16.829 | 16.797 | 16.886 | VV | 313    | 7615   | 0.15% | 0.004% |
| 286 | 16.942 | 16.886 | 16.973 | VV | 4343   | 62604  | 1.21% | 0.033% |
| 287 | 16.994 | 16.973 | 17.003 | VV | 226    | 2876   | 0.06% | 0.001% |
| 288 | 17.020 | 17.003 | 17.041 | VV | 342    | 4349   | 0.08% | 0.002% |
| 289 | 17.161 | 17.041 | 17.184 | PV | 206    | 5532   | 0.11% | 0.003% |
| 290 | 17.191 | 17.184 | 17.202 | VV | 185    | 1405   | 0.03% | 0.001% |
| 291 | 17.227 | 17.202 | 17.253 | VV | 248    | 5183   | 0.10% | 0.003% |
| 292 | 17.280 | 17.253 | 17.296 | PV | 314    | 4071   | 0.08% | 0.002% |
| 293 | 17.331 | 17.296 | 17.349 | VV | 478    | 9471   | 0.18% | 0.005% |
| 294 | 17.392 | 17.349 | 17.431 | VV | 4702   | 73932  | 1.43% | 0.038% |
| 295 | 17.478 | 17.431 | 17.504 | VV | 660    | 13278  | 0.26% | 0.007% |
| 296 | 17.513 | 17.504 | 17.521 | VV | 190    | 1802   | 0.03% | 0.001% |
| 297 | 17.531 | 17.521 | 17.545 | VV | 241    | 2450   | 0.05% | 0.001% |
| 298 | 17.612 | 17.545 | 17.640 | VV | 218    | 6889   | 0.13% | 0.004% |
| 299 | 17.675 | 17.640 | 17.693 | VV | 336    | 6828   | 0.13% | 0.004% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    | rteres                  |        |           |        |
| 300 | 17.706 | 17.693 | 17.744 | VV | 300                     | 5770   | 0.11%     | 0.003% |
| 301 | 17.828 | 17.744 | 17.873 | PV | 5352                    | 86936  | 1.68%     | 0.045% |
| 302 | 17.918 | 17.873 | 17.944 | VV | 1131                    | 20359  | 0.39%     | 0.011% |
| 303 | 17.992 | 17.944 | 18.007 | VV | 379                     | 10693  | 0.21%     | 0.006% |
| 304 | 18.098 | 18.007 | 18.122 | VV | 459                     | 15181  | 0.29%     | 0.008% |
| 305 | 18.161 | 18.122 | 18.171 | PV | 662                     | 9937   | 0.19%     | 0.005% |
| 306 | 18.202 | 18.171 | 18.227 | VV | 1605                    | 40087  | 0.77%     | 0.021% |
| 307 | 18.250 | 18.227 | 18.301 | VV | 5397                    | 87899  | 1.70%     | 0.046% |
| 308 | 18.352 | 18.301 | 18.401 | VV | 744                     | 24713  | 0.48%     | 0.013% |
| 309 | 18.520 | 18.401 | 18.532 | VV | 331                     | 14140  | 0.27%     | 0.007% |
| 310 | 18.555 | 18.532 | 18.577 | VV | 583                     | 8479   | 0.16%     | 0.004% |
| 311 | 18.659 | 18.577 | 18.723 | PV | 4139                    | 74823  | 1.45%     | 0.039% |
| 312 | 18.760 | 18.723 | 18.786 | VV | 922                     | 16718  | 0.32%     | 0.009% |
| 313 | 18.841 | 18.786 | 18.851 | VV | 328                     | 9632   | 0.19%     | 0.005% |
| 314 | 18.965 | 18.851 | 18.979 | VV | 525                     | 28567  | 0.55%     | 0.015% |
| 315 | 19.054 | 18.979 | 19.107 | VV | 4027                    | 125099 | 2.42%     | 0.065% |
| 316 | 19.158 | 19.107 | 19.174 | VV | 1160                    | 40189  | 0.78%     | 0.021% |
| 317 | 19.206 | 19.174 | 19.237 | VV | 1374                    | 43550  | 0.84%     | 0.023% |
| 318 | 19.264 | 19.237 | 19.276 | VV | 1303                    | 27420  | 0.53%     | 0.014% |
| 319 | 19.358 | 19.276 | 19.389 | VV | 1453                    | 83567  | 1.61%     | 0.043% |
| 320 | 19.441 | 19.389 | 19.472 | VV | 3502                    | 97380  | 1.88%     | 0.051% |
| 321 | 19.519 | 19.472 | 19.532 | VV | 2087                    | 62675  | 1.21%     | 0.033% |
| 322 | 19.555 | 19.532 | 19.577 | VV | 2043                    | 51452  | 0.99%     | 0.027% |
| 323 | 19.635 | 19.577 | 19.645 | VV | 2111                    | 76947  | 1.49%     | 0.040% |
| 324 | 19.727 | 19.645 | 19.759 | VV | 2658                    | 157416 | 3.04%     | 0.082% |
| 325 | 19.816 | 19.759 | 19.847 | VV | 4624                    | 164449 | 3.18%     | 0.085% |
| 326 | 19.870 | 19.847 | 19.886 | VV | 3067                    | 68065  | 1.32%     | 0.035% |
|     |        |        |        |    | Sum of corrected areas: |        | 192439858 |        |

Alaphatic EPH 051519.M Thu May 16 08:57:47 2019