

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051920AL\  
 Data File : FC047507.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 May 2020 16:26  
 Sample : L2686-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.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         | 3.549       | 3.496        | 3.667      | BV       | 292502         | 2606918      | 7.40%          | 0.159%        |
| 2         | 3.678       | 3.667        | 3.720      | VV       | 730            | 17559        | 0.05%          | 0.001%        |
| 3         | 3.730       | 3.720        | 3.739      | VV       | 428            | 4434         | 0.01%          | 0.000%        |
| 4         | 3.748       | 3.739        | 3.784      | VV       | 468            | 8091         | 0.02%          | 0.000%        |
| 5         | 3.797       | 3.784        | 3.812      | VV       | 232            | 3848         | 0.01%          | 0.000%        |
| 6         | 3.825       | 3.812        | 3.848      | VV       | 393            | 5449         | 0.02%          | 0.000%        |
| 7         | 3.868       | 3.848        | 3.916      | VV       | 340            | 6404         | 0.02%          | 0.000%        |
| 8         | 3.922       | 3.916        | 3.946      | VV       | 108            | 1698         | 0.00%          | 0.000%        |
| 9         | 3.951       | 3.946        | 3.984      | VV       | 142            | 2338         | 0.01%          | 0.000%        |
| 10        | 3.994       | 3.984        | 4.071      | VV       | 140            | 3655         | 0.01%          | 0.000%        |
| 11        | 4.093       | 4.071        | 4.129      | VV       | 130            | 3168         | 0.01%          | 0.000%        |
| 12        | 4.142       | 4.129        | 4.167      | VV       | 190            | 2328         | 0.01%          | 0.000%        |
| 13        | 4.208       | 4.199        | 4.262      | PV       | 138            | 3041         | 0.01%          | 0.000%        |
| 14        | 4.275       | 4.262        | 4.298      | VV       | 179            | 1969         | 0.01%          | 0.000%        |
| 15        | 4.313       | 4.298        | 4.337      | VV       | 209            | 2199         | 0.01%          | 0.000%        |
| 16        | 4.401       | 4.377        | 4.464      | PV       | 447            | 14105        | 0.04%          | 0.001%        |
| 17        | 4.471       | 4.464        | 4.512      | VV       | 287            | 5123         | 0.01%          | 0.000%        |
| 18        | 4.521       | 4.512        | 4.562      | VV       | 173            | 3323         | 0.01%          | 0.000%        |
| 19        | 4.613       | 4.579        | 4.647      | VV       | 345985         | 3086832      | 8.77%          | 0.188%        |
| 20        | 4.667       | 4.647        | 4.762      | VV       | 361340         | 3407809      | 9.68%          | 0.208%        |
| 21        | 4.778       | 4.762        | 4.841      | VV       | 1893           | 59855        | 0.17%          | 0.004%        |
| 22        | 4.863       | 4.841        | 4.887      | VV       | 1452           | 28304        | 0.08%          | 0.002%        |
| 23        | 4.900       | 4.887        | 4.932      | VV       | 884            | 17287        | 0.05%          | 0.001%        |
| 24        | 4.945       | 4.932        | 4.979      | VV       | 558            | 11376        | 0.03%          | 0.001%        |
| 25        | 4.986       | 4.979        | 5.006      | VV       | 339            | 5147         | 0.01%          | 0.000%        |
| 26        | 5.023       | 5.006        | 5.047      | VV       | 352            | 7346         | 0.02%          | 0.000%        |
| 27        | 5.066       | 5.047        | 5.077      | VV       | 483            | 6586         | 0.02%          | 0.000%        |
| 28        | 5.097       | 5.077        | 5.118      | VV       | 538            | 8607         | 0.02%          | 0.001%        |
| 29        | 5.128       | 5.118        | 5.146      | VV       | 213            | 2410         | 0.01%          | 0.000%        |
| 30        | 5.159       | 5.146        | 5.197      | VV       | 179            | 2734         | 0.01%          | 0.000%        |
| 31        | 5.214       | 5.197        | 5.226      | PV       | 187            | 2237         | 0.01%          | 0.000%        |
| 32        | 5.240       | 5.226        | 5.274      | VV       | 445            | 6030         | 0.02%          | 0.000%        |
| 33        | 5.298       | 5.274        | 5.326      | VV       | 239            | 3775         | 0.01%          | 0.000%        |
| 34        | 5.348       | 5.326        | 5.379      | VV       | 293            | 5209         | 0.01%          | 0.000%        |
| 35        | 5.395       | 5.379        | 5.410      | VV       | 201            | 2138         | 0.01%          | 0.000%        |
| 36        | 5.450       | 5.410        | 5.481      | VV       | 291            | 7501         | 0.02%          | 0.000%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.505 | 5.481 | 5.519 | VV | 313    | 5075    | 0.01%  | 0.000% |
| 38 | 5.539 | 5.519 | 5.584 | VV | 401    | 11036   | 0.03%  | 0.001% |
| 39 | 5.599 | 5.584 | 5.622 | VV | 299    | 4202    | 0.01%  | 0.000% |
| 40 | 5.642 | 5.622 | 5.666 | PV | 2521   | 30157   | 0.09%  | 0.002% |
|    |       |       |       |    |        |         |        |        |
| 41 | 5.682 | 5.666 | 5.694 | VV | 1524   | 16256   | 0.05%  | 0.001% |
| 42 | 5.711 | 5.694 | 5.751 | VV | 2412   | 36264   | 0.10%  | 0.002% |
| 43 | 5.760 | 5.751 | 5.776 | VV | 292    | 3722    | 0.01%  | 0.000% |
| 44 | 5.780 | 5.776 | 5.808 | VV | 256    | 3863    | 0.01%  | 0.000% |
| 45 | 5.838 | 5.808 | 5.867 | VV | 993    | 13419   | 0.04%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 46 | 5.883 | 5.867 | 5.892 | VV | 154    | 1469    | 0.00%  | 0.000% |
| 47 | 5.920 | 5.892 | 5.936 | VV | 584    | 8290    | 0.02%  | 0.001% |
| 48 | 5.946 | 5.936 | 5.967 | VV | 567    | 7766    | 0.02%  | 0.000% |
| 49 | 5.989 | 5.967 | 6.017 | VV | 523    | 11388   | 0.03%  | 0.001% |
| 50 | 6.043 | 6.017 | 6.077 | VV | 675    | 14382   | 0.04%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 51 | 6.098 | 6.077 | 6.124 | VV | 631    | 8226    | 0.02%  | 0.001% |
| 52 | 6.144 | 6.124 | 6.160 | PV | 605    | 8210    | 0.02%  | 0.001% |
| 53 | 6.173 | 6.160 | 6.187 | VV | 445    | 5434    | 0.02%  | 0.000% |
| 54 | 6.210 | 6.187 | 6.309 | VV | 327850 | 3679571 | 10.45% | 0.224% |
| 55 | 6.319 | 6.309 | 6.411 | VV | 4445   | 159780  | 0.45%  | 0.010% |
|    |       |       |       |    |        |         |        |        |
| 56 | 6.424 | 6.411 | 6.451 | VV | 1556   | 33885   | 0.10%  | 0.002% |
| 57 | 6.464 | 6.451 | 6.482 | VV | 1507   | 22994   | 0.07%  | 0.001% |
| 58 | 6.496 | 6.482 | 6.518 | VV | 1001   | 16832   | 0.05%  | 0.001% |
| 59 | 6.555 | 6.518 | 6.574 | VV | 1307   | 29624   | 0.08%  | 0.002% |
| 60 | 6.614 | 6.574 | 6.674 | VV | 374544 | 3641166 | 10.34% | 0.222% |
|    |       |       |       |    |        |         |        |        |
| 61 | 6.682 | 6.674 | 6.707 | VV | 1512   | 22964   | 0.07%  | 0.001% |
| 62 | 6.723 | 6.707 | 6.744 | VV | 1135   | 20123   | 0.06%  | 0.001% |
| 63 | 6.761 | 6.744 | 6.792 | VV | 1749   | 33536   | 0.10%  | 0.002% |
| 64 | 6.800 | 6.792 | 6.816 | VV | 1112   | 11550   | 0.03%  | 0.001% |
| 65 | 6.825 | 6.816 | 6.861 | VV | 832    | 12890   | 0.04%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 66 | 6.894 | 6.861 | 6.914 | PV | 1531   | 22909   | 0.07%  | 0.001% |
| 67 | 6.957 | 6.914 | 6.981 | VV | 1116   | 28334   | 0.08%  | 0.002% |
| 68 | 6.997 | 6.981 | 7.009 | VV | 552    | 9088    | 0.03%  | 0.001% |
| 69 | 7.030 | 7.009 | 7.048 | VV | 1540   | 22852   | 0.06%  | 0.001% |
| 70 | 7.060 | 7.048 | 7.072 | VV | 779    | 9073    | 0.03%  | 0.001% |
|    |       |       |       |    |        |         |        |        |
| 71 | 7.093 | 7.072 | 7.105 | VV | 1423   | 21309   | 0.06%  | 0.001% |
| 72 | 7.123 | 7.105 | 7.154 | VV | 2170   | 45644   | 0.13%  | 0.003% |
| 73 | 7.180 | 7.154 | 7.228 | VV | 3138   | 89026   | 0.25%  | 0.005% |
| 74 | 7.257 | 7.228 | 7.343 | VV | 340890 | 3997691 | 11.35% | 0.244% |
| 75 | 7.360 | 7.343 | 7.387 | VV | 14426  | 216146  | 0.61%  | 0.013% |
|    |       |       |       |    |        |         |        |        |
| 76 | 7.419 | 7.387 | 7.436 | VV | 5688   | 134876  | 0.38%  | 0.008% |
| 77 | 7.463 | 7.436 | 7.482 | VV | 5217   | 120896  | 0.34%  | 0.007% |
| 78 | 7.499 | 7.482 | 7.512 | VV | 4962   | 78793   | 0.22%  | 0.005% |
| 79 | 7.532 | 7.512 | 7.549 | VV | 7030   | 123787  | 0.35%  | 0.008% |
| 80 | 7.559 | 7.549 | 7.574 | VV | 5648   | 74485   | 0.21%  | 0.005% |
|    |       |       |       |    |        |         |        |        |
| 81 | 7.593 | 7.574 | 7.606 | VV | 5595   | 97753   | 0.28%  | 0.006% |
| 82 | 7.626 | 7.606 | 7.644 | VV | 6112   | 127774  | 0.36%  | 0.008% |
| 83 | 7.669 | 7.644 | 7.680 | VV | 6108   | 120065  | 0.34%  | 0.007% |
| 84 | 7.732 | 7.680 | 7.782 | VV | 8892   | 465486  | 1.32%  | 0.028% |
| 85 | 7.803 | 7.782 | 7.811 | VV | 9263   | 137259  | 0.39%  | 0.008% |
|    |       |       |       |    |        |         |        |        |
| 86 | 7.858 | 7.811 | 7.913 | VV | 366008 | 4509891 | 12.81% | 0.275% |
| 87 | 7.927 | 7.913 | 7.947 | VV | 19983  | 358178  | 1.02%  | 0.022% |
| 88 | 7.969 | 7.947 | 7.986 | VV | 21390  | 445920  | 1.27%  | 0.027% |
| 89 | 7.998 | 7.986 | 8.009 | VV | 20574  | 268402  | 0.76%  | 0.016% |

|     |        |        |        |    | rteres |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 90  | 8.019  | 8.009  | 8.037  | VV | 19938  | 317779   | 0.90%  | 0.019% |
| 91  | 8.048  | 8.037  | 8.057  | VV | 18033  | 210189   | 0.60%  | 0.013% |
| 92  | 8.113  | 8.057  | 8.126  | VV | 26848  | 952107   | 2.70%  | 0.058% |
| 93  | 8.148  | 8.126  | 8.172  | VV | 37739  | 826551   | 2.35%  | 0.050% |
| 94  | 8.215  | 8.172  | 8.237  | VV | 39727  | 1264980  | 3.59%  | 0.077% |
| 95  | 8.307  | 8.237  | 8.321  | VV | 42411  | 1935761  | 5.50%  | 0.118% |
| 96  | 8.348  | 8.321  | 8.364  | VV | 46874  | 1141786  | 3.24%  | 0.070% |
| 97  | 8.397  | 8.364  | 8.442  | VV | 441845 | 6479644  | 18.40% | 0.395% |
| 98  | 8.479  | 8.442  | 8.509  | VV | 78330  | 2723666  | 7.74%  | 0.166% |
| 99  | 8.533  | 8.509  | 8.557  | VV | 521360 | 6688555  | 19.00% | 0.408% |
| 100 | 8.567  | 8.557  | 8.609  | VV | 127482 | 3288562  | 9.34%  | 0.201% |
| 101 | 8.672  | 8.609  | 8.687  | VV | 113763 | 4723430  | 13.42% | 0.288% |
| 102 | 8.697  | 8.687  | 8.716  | VV | 109619 | 1839695  | 5.23%  | 0.112% |
| 103 | 8.736  | 8.716  | 8.777  | VV | 312568 | 6910955  | 19.63% | 0.422% |
| 104 | 8.827  | 8.777  | 8.849  | VV | 519135 | 10403580 | 29.55% | 0.635% |
| 105 | 8.866  | 8.849  | 8.887  | VV | 243244 | 4529720  | 12.87% | 0.276% |
| 106 | 8.901  | 8.887  | 8.912  | VV | 192207 | 2730970  | 7.76%  | 0.167% |
| 107 | 8.930  | 8.912  | 8.952  | VV | 248942 | 4957301  | 14.08% | 0.302% |
| 108 | 8.967  | 8.952  | 8.994  | VV | 187889 | 4426029  | 12.57% | 0.270% |
| 109 | 9.015  | 8.994  | 9.026  | VV | 219064 | 3758523  | 10.68% | 0.229% |
| 110 | 9.066  | 9.026  | 9.115  | VV | 236859 | 11908096 | 33.82% | 0.726% |
| 111 | 9.141  | 9.115  | 9.192  | VV | 253680 | 10926455 | 31.03% | 0.666% |
| 112 | 9.213  | 9.192  | 9.229  | VV | 250340 | 5309268  | 15.08% | 0.324% |
| 113 | 9.243  | 9.229  | 9.252  | VV | 241030 | 3292354  | 9.35%  | 0.201% |
| 114 | 9.272  | 9.252  | 9.281  | VV | 259996 | 4287342  | 12.18% | 0.262% |
| 115 | 9.302  | 9.281  | 9.335  | VV | 293840 | 8880811  | 25.22% | 0.542% |
| 116 | 9.383  | 9.335  | 9.406  | VV | 275162 | 11165442 | 31.71% | 0.681% |
| 117 | 9.432  | 9.406  | 9.467  | VV | 323500 | 10623831 | 30.17% | 0.648% |
| 118 | 9.480  | 9.467  | 9.496  | VV | 307856 | 5119607  | 14.54% | 0.312% |
| 119 | 9.511  | 9.496  | 9.519  | VV | 306497 | 4163507  | 11.83% | 0.254% |
| 120 | 9.538  | 9.519  | 9.557  | VV | 334920 | 7159891  | 20.34% | 0.437% |
| 121 | 9.613  | 9.557  | 9.656  | VV | 689210 | 23849819 | 67.74% | 1.455% |
| 122 | 9.680  | 9.656  | 9.717  | VV | 345095 | 12452309 | 35.37% | 0.760% |
| 123 | 9.725  | 9.717  | 9.736  | VV | 335068 | 3665223  | 10.41% | 0.224% |
| 124 | 9.747  | 9.736  | 9.766  | VV | 340305 | 5994485  | 17.03% | 0.366% |
| 125 | 9.783  | 9.766  | 9.797  | VV | 357046 | 6505117  | 18.48% | 0.397% |
| 126 | 9.818  | 9.797  | 9.829  | VV | 340157 | 6304065  | 17.91% | 0.385% |
| 127 | 9.847  | 9.829  | 9.868  | VV | 356889 | 8147576  | 23.14% | 0.497% |
| 128 | 9.898  | 9.868  | 9.917  | VV | 348177 | 10097000 | 28.68% | 0.616% |
| 129 | 9.990  | 9.917  | 10.034 | VV | 714403 | 29095878 | 82.64% | 1.775% |
| 130 | 10.051 | 10.034 | 10.062 | VV | 378959 | 6289592  | 17.86% | 0.384% |
| 131 | 10.082 | 10.062 | 10.105 | VV | 383698 | 9481540  | 26.93% | 0.578% |
| 132 | 10.113 | 10.105 | 10.149 | VV | 375754 | 9787557  | 27.80% | 0.597% |
| 133 | 10.177 | 10.149 | 10.206 | VV | 387521 | 12845512 | 36.48% | 0.784% |
| 134 | 10.227 | 10.206 | 10.256 | VV | 393610 | 11495563 | 32.65% | 0.701% |
| 135 | 10.271 | 10.256 | 10.289 | VV | 406037 | 7711581  | 21.90% | 0.470% |
| 136 | 10.319 | 10.289 | 10.334 | VV | 402295 | 10609025 | 30.13% | 0.647% |
| 137 | 10.347 | 10.334 | 10.357 | VV | 412933 | 5582131  | 15.85% | 0.340% |
| 138 | 10.379 | 10.357 | 10.409 | VV | 445325 | 13163696 | 37.39% | 0.803% |
| 139 | 10.442 | 10.409 | 10.459 | VV | 431556 | 12808013 | 36.38% | 0.781% |
| 140 | 10.474 | 10.459 | 10.487 | VV | 435430 | 7125135  | 20.24% | 0.435% |
| 141 | 10.530 | 10.487 | 10.560 | VV | 476616 | 19215285 | 54.58% | 1.172% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.577 | 10.560 | 10.594 | VV | 425911 | 8408253  | 23.88%  | 0.513% |
| 143    | 10.621 | 10.594 | 10.635 | VV | 450975 | 10626482 | 30.18%  | 0.648% |
| 144    | 10.655 | 10.635 | 10.684 | VV | 460119 | 12856313 | 36.52%  | 0.784% |
| 145    | 10.729 | 10.684 | 10.757 | VV | 487192 | 19750561 | 56.10%  | 1.205% |
| 146    | 10.792 | 10.757 | 10.821 | VV | 578344 | 19069176 | 54.16%  | 1.163% |
| 147    | 10.841 | 10.821 | 10.867 | VV | 475166 | 12756615 | 36.23%  | 0.778% |
| 148    | 10.877 | 10.867 | 10.912 | VV | 460967 | 12295764 | 34.92%  | 0.750% |
| 149    | 10.929 | 10.912 | 10.944 | VV | 475613 | 8829515  | 25.08%  | 0.875% |
| 150    | 10.971 | 10.944 | 10.991 | VV | 506784 | 13393957 | 38.04%  | 0.817% |
| 151    | 11.016 | 10.991 | 11.052 | VV | 845068 | 21813018 | 61.96%  | 1.331% |
| 152    | 11.060 | 11.052 | 11.072 | VV | 483922 | 5734599  | 16.29%  | 0.350% |
| 153    | 11.093 | 11.072 | 11.140 | VV | 814576 | 23668536 | 67.23%  | 1.444% |
| 154    | 11.151 | 11.140 | 11.189 | VV | 509270 | 14348741 | 40.75%  | 0.875% |
| 155    | 11.210 | 11.189 | 11.228 | VV | 531316 | 12040559 | 34.20%  | 0.734% |
| 156    | 11.238 | 11.228 | 11.260 | VV | 518541 | 9639906  | 27.38%  | 0.588% |
| 157    | 11.279 | 11.260 | 11.300 | VV | 522892 | 12104132 | 34.38%  | 0.738% |
| 158    | 11.315 | 11.300 | 11.349 | VV | 517037 | 14557885 | 41.35%  | 0.888% |
| 159    | 11.425 | 11.349 | 11.449 | VV | 868659 | 33971337 | 96.49%  | 2.072% |
| 160    | 11.459 | 11.449 | 11.479 | VV | 505434 | 8940395  | 25.39%  | 0.545% |
| 161    | 11.515 | 11.479 | 11.552 | VV | 639698 | 23663762 | 67.21%  | 1.443% |
| 162    | 11.562 | 11.552 | 11.573 | VV | 497107 | 6011431  | 17.07%  | 0.367% |
| 163    | 11.594 | 11.573 | 11.609 | VV | 507300 | 10607264 | 30.13%  | 0.647% |
| 164    | 11.623 | 11.609 | 11.632 | VV | 492148 | 6804113  | 19.33%  | 0.415% |
| 165    | 11.667 | 11.632 | 11.675 | VV | 508104 | 12751151 | 36.22%  | 0.778% |
| 166    | 11.683 | 11.675 | 11.691 | VV | 506367 | 4624623  | 13.14%  | 0.282% |
| 167    | 11.755 | 11.691 | 11.779 | VV | 883657 | 31204433 | 88.63%  | 1.903% |
| 168    | 11.801 | 11.779 | 11.822 | VV | 535370 | 13477344 | 38.28%  | 0.822% |
| 169    | 11.832 | 11.822 | 11.867 | VV | 528063 | 13949642 | 39.62%  | 0.851% |
| 170    | 11.895 | 11.867 | 11.916 | VV | 543022 | 15221455 | 43.23%  | 0.928% |
| 171    | 11.940 | 11.916 | 11.952 | VV | 565071 | 11877238 | 33.73%  | 0.724% |
| 172    | 11.968 | 11.952 | 11.988 | VV | 553123 | 11388618 | 32.35%  | 0.695% |
| 173    | 12.005 | 11.988 | 12.037 | VV | 522668 | 15107422 | 42.91%  | 0.921% |
| 174    | 12.061 | 12.037 | 12.097 | VV | 566646 | 19348237 | 54.95%  | 1.180% |
| 175    | 12.114 | 12.097 | 12.137 | VV | 522125 | 12079512 | 34.31%  | 0.737% |
| 176    | 12.193 | 12.137 | 12.206 | VV | 522714 | 20730781 | 58.88%  | 1.264% |
| 177    | 12.223 | 12.206 | 12.245 | VV | 529920 | 11970639 | 34.00%  | 0.730% |
| 178    | 12.254 | 12.245 | 12.281 | VV | 501425 | 10487727 | 29.79%  | 0.640% |
| 179    | 12.302 | 12.281 | 12.324 | VV | 513103 | 13098997 | 37.20%  | 0.799% |
| 180    | 12.352 | 12.324 | 12.382 | VV | 526362 | 17719535 | 50.33%  | 1.081% |
| 181    | 12.403 | 12.382 | 12.459 | VV | 517159 | 22940446 | 65.16%  | 1.399% |
| 182    | 12.477 | 12.459 | 12.491 | VV | 508550 | 9401303  | 26.70%  | 0.573% |
| 183    | 12.521 | 12.491 | 12.545 | VV | 512367 | 15951227 | 45.31%  | 0.973% |
| 184    | 12.557 | 12.545 | 12.566 | VV | 485259 | 5982031  | 16.99%  | 0.365% |
| 185    | 12.587 | 12.566 | 12.602 | VV | 498701 | 10631927 | 30.20%  | 0.649% |
| 186    | 12.632 | 12.602 | 12.657 | VV | 480590 | 15586956 | 44.27%  | 0.951% |
| 187    | 12.726 | 12.657 | 12.769 | VV | 803156 | 35207664 | 100.00% | 2.148% |
| 188    | 12.786 | 12.769 | 12.806 | VV | 474942 | 10266297 | 29.16%  | 0.626% |
| 189    | 12.834 | 12.806 | 12.887 | VV | 956337 | 28406828 | 80.68%  | 1.733% |
| 190    | 12.894 | 12.887 | 12.919 | VV | 463351 | 8453338  | 24.01%  | 0.516% |
| 191    | 12.930 | 12.919 | 12.941 | VV | 450182 | 5749528  | 16.33%  | 0.351% |
| 192    | 12.950 | 12.941 | 12.971 | VV | 448830 | 7903612  | 22.45%  | 0.482% |
| 193    | 12.985 | 12.971 | 13.005 | VV | 458648 | 9029700  | 25.65%  | 0.551% |
| 194    | 13.018 | 13.005 | 13.036 | VV | 449088 | 7959408  | 22.61%  | 0.485% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 13.053 | 13.036 | 13.087 | VV | 449451 | 13354133 | 37.93% | 0.815% |
| 196 | 13.135 | 13.087 | 13.152 | VV | 921623 | 22155621 | 62.93% | 1.351% |
| 197 | 13.169 | 13.152 | 13.197 | VV | 723119 | 14550080 | 41.33% | 0.887% |
| 198 | 13.212 | 13.197 | 13.234 | VV | 451176 | 9547535  | 27.12% | 0.582% |
| 199 | 13.241 | 13.234 | 13.270 | VV | 421045 | 8850639  | 25.14% | 0.540% |
| 200 | 13.294 | 13.270 | 13.302 | VV | 416821 | 7889158  | 22.41% | 0.481% |
| 201 | 13.330 | 13.302 | 13.381 | VV | 714281 | 21942020 | 62.32% | 1.338% |
| 202 | 13.386 | 13.381 | 13.401 | VV | 398009 | 4698512  | 13.35% | 0.287% |
| 203 | 13.406 | 13.401 | 13.417 | VV | 393008 | 3893267  | 11.06% | 0.237% |
| 204 | 13.423 | 13.417 | 13.446 | VV | 392764 | 6594729  | 18.73% | 0.402% |
| 205 | 13.452 | 13.446 | 13.463 | VV | 397497 | 4115129  | 11.69% | 0.251% |
| 206 | 13.494 | 13.463 | 13.502 | VV | 382122 | 8766234  | 24.90% | 0.535% |
| 207 | 13.511 | 13.502 | 13.532 | VV | 383636 | 6879270  | 19.54% | 0.420% |
| 208 | 13.553 | 13.532 | 13.579 | VV | 384601 | 10461301 | 29.71% | 0.638% |
| 209 | 13.589 | 13.579 | 13.608 | VV | 375235 | 6386802  | 18.14% | 0.390% |
| 210 | 13.630 | 13.608 | 13.647 | VV | 371351 | 8342118  | 23.69% | 0.509% |
| 211 | 13.655 | 13.647 | 13.684 | VV | 367595 | 7825326  | 22.23% | 0.477% |
| 212 | 13.697 | 13.684 | 13.711 | VV | 353591 | 5505857  | 15.64% | 0.336% |
| 213 | 13.723 | 13.711 | 13.791 | VV | 361963 | 16428786 | 46.66% | 1.002% |
| 214 | 13.831 | 13.791 | 13.859 | VV | 345453 | 13366416 | 37.96% | 0.815% |
| 215 | 13.869 | 13.859 | 13.887 | VV | 330984 | 5394148  | 15.32% | 0.329% |
| 216 | 13.909 | 13.887 | 13.947 | VV | 623800 | 14455746 | 41.06% | 0.882% |
| 217 | 13.960 | 13.947 | 13.979 | VV | 307433 | 5830329  | 16.56% | 0.356% |
| 218 | 13.989 | 13.979 | 14.011 | VV | 306122 | 5624380  | 15.97% | 0.343% |
| 219 | 14.041 | 14.011 | 14.079 | VV | 290706 | 11595938 | 32.94% | 0.707% |
| 220 | 14.090 | 14.079 | 14.106 | VV | 273211 | 4288492  | 12.18% | 0.262% |
| 221 | 14.113 | 14.106 | 14.126 | VV | 271971 | 3212508  | 9.12%  | 0.196% |
| 222 | 14.146 | 14.126 | 14.179 | VV | 280540 | 8432152  | 23.95% | 0.514% |
| 223 | 14.205 | 14.179 | 14.321 | VV | 261277 | 20288908 | 57.63% | 1.238% |
| 224 | 14.336 | 14.321 | 14.354 | VV | 220891 | 4262217  | 12.11% | 0.260% |
| 225 | 14.391 | 14.354 | 14.416 | VV | 218990 | 7725008  | 21.94% | 0.471% |
| 226 | 14.437 | 14.416 | 14.472 | VV | 205453 | 6703713  | 19.04% | 0.409% |
| 227 | 14.478 | 14.472 | 14.502 | VV | 191421 | 3336633  | 9.48%  | 0.204% |
| 228 | 14.511 | 14.502 | 14.530 | VV | 184292 | 3025310  | 8.59%  | 0.185% |
| 229 | 14.547 | 14.530 | 14.565 | VV | 189495 | 3737302  | 10.62% | 0.228% |
| 230 | 14.577 | 14.565 | 14.600 | VV | 174863 | 3506443  | 9.96%  | 0.214% |
| 231 | 14.609 | 14.600 | 14.629 | VV | 165967 | 2845482  | 8.08%  | 0.174% |
| 232 | 14.639 | 14.629 | 14.664 | VV | 169269 | 3344319  | 9.50%  | 0.204% |
| 233 | 14.679 | 14.664 | 14.709 | VV | 157602 | 4146781  | 11.78% | 0.253% |
| 234 | 14.724 | 14.709 | 14.771 | VV | 154434 | 5360230  | 15.22% | 0.327% |
| 235 | 14.783 | 14.771 | 14.802 | VV | 130320 | 2378792  | 6.76%  | 0.145% |
| 236 | 14.813 | 14.802 | 14.847 | VV | 126194 | 3189160  | 9.06%  | 0.195% |
| 237 | 14.855 | 14.847 | 14.874 | VV | 113766 | 1789519  | 5.08%  | 0.109% |
| 238 | 14.882 | 14.874 | 14.888 | VV | 108240 | 933913   | 2.65%  | 0.057% |
| 239 | 14.897 | 14.888 | 14.947 | VV | 110843 | 3582685  | 10.18% | 0.219% |
| 240 | 14.999 | 14.947 | 15.020 | VV | 762382 | 11989612 | 34.05% | 0.731% |
| 241 | 15.040 | 15.020 | 15.118 | VV | 466524 | 9560546  | 27.15% | 0.583% |
| 242 | 15.140 | 15.118 | 15.196 | VV | 80107  | 3470875  | 9.86%  | 0.212% |
| 243 | 15.206 | 15.196 | 15.232 | VV | 72388  | 1489267  | 4.23%  | 0.091% |
| 244 | 15.240 | 15.232 | 15.275 | VV | 63652  | 1528197  | 4.34%  | 0.093% |
| 245 | 15.288 | 15.275 | 15.309 | VV | 55743  | 1085446  | 3.08%  | 0.066% |
| 246 | 15.314 | 15.309 | 15.330 | VV | 52735  | 665048   | 1.89%  | 0.041% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.348 | 15.330 | 15.369 | VV | 55670  | 1224539 | 3.48%  | 0.075% |
| 248    | 15.386 | 15.369 | 15.459 | VV | 64054  | 2702396 | 7.68%  | 0.165% |
| 249    | 15.466 | 15.459 | 15.488 | VV | 42823  | 715745  | 2.03%  | 0.044% |
| 250    | 15.513 | 15.488 | 15.522 | VV | 42253  | 831137  | 2.36%  | 0.051% |
|        |        |        |        |    |        |         |        |        |
| 251    | 15.535 | 15.522 | 15.589 | VV | 49897  | 1565965 | 4.45%  | 0.096% |
| 252    | 15.599 | 15.589 | 15.644 | VV | 32757  | 979424  | 2.78%  | 0.060% |
| 253    | 15.668 | 15.644 | 15.688 | VV | 45512  | 929137  | 2.64%  | 0.057% |
| 254    | 15.706 | 15.688 | 15.751 | VV | 34996  | 1049603 | 2.98%  | 0.064% |
| 255    | 15.765 | 15.751 | 15.791 | VV | 26719  | 583139  | 1.66%  | 0.036% |
|        |        |        |        |    |        |         |        |        |
| 256    | 15.813 | 15.791 | 15.828 | VV | 30389  | 597617  | 1.70%  | 0.036% |
| 257    | 15.836 | 15.828 | 15.886 | VV | 27759  | 768372  | 2.18%  | 0.047% |
| 258    | 15.902 | 15.886 | 15.927 | VV | 21796  | 460852  | 1.31%  | 0.028% |
| 259    | 15.942 | 15.927 | 15.964 | VV | 16321  | 326231  | 0.93%  | 0.020% |
| 260    | 16.012 | 15.964 | 16.049 | VV | 297208 | 4149881 | 11.79% | 0.253% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.053 | 16.049 | 16.152 | VV | 13596  | 677616  | 1.92%  | 0.041% |
| 262    | 16.165 | 16.152 | 16.200 | VV | 10058  | 264982  | 0.75%  | 0.016% |
| 263    | 16.212 | 16.200 | 16.226 | VV | 9126   | 134471  | 0.38%  | 0.008% |
| 264    | 16.233 | 16.226 | 16.250 | VV | 8662   | 120467  | 0.34%  | 0.007% |
| 265    | 16.259 | 16.250 | 16.281 | VV | 9438   | 141082  | 0.40%  | 0.009% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.337 | 16.281 | 16.376 | VV | 137086 | 2101128 | 5.97%  | 0.128% |
| 267    | 16.399 | 16.376 | 16.429 | VV | 15494  | 377015  | 1.07%  | 0.023% |
| 268    | 16.443 | 16.429 | 16.467 | VV | 11066  | 211554  | 0.60%  | 0.013% |
| 269    | 16.486 | 16.467 | 16.505 | VV | 14176  | 241697  | 0.69%  | 0.015% |
| 270    | 16.554 | 16.505 | 16.569 | VV | 389567 | 5167008 | 14.68% | 0.315% |
|        |        |        |        |    |        |         |        |        |
| 271    | 16.583 | 16.569 | 16.668 | VV | 344830 | 4440967 | 12.61% | 0.271% |
| 272    | 16.693 | 16.668 | 16.766 | VV | 21454  | 508791  | 1.45%  | 0.031% |
| 273    | 16.811 | 16.766 | 16.830 | VV | 18486  | 331942  | 0.94%  | 0.020% |
| 274    | 16.838 | 16.830 | 16.852 | VV | 8774   | 101389  | 0.29%  | 0.006% |
| 275    | 16.877 | 16.852 | 16.911 | VV | 65492  | 936711  | 2.66%  | 0.057% |
|        |        |        |        |    |        |         |        |        |
| 276    | 16.940 | 16.911 | 17.016 | VV | 368774 | 7861936 | 22.33% | 0.480% |
| 277    | 17.041 | 17.016 | 17.121 | VV | 27558  | 629786  | 1.79%  | 0.038% |
| 278    | 17.176 | 17.121 | 17.232 | VV | 6585   | 324139  | 0.92%  | 0.020% |
| 279    | 17.239 | 17.232 | 17.266 | VV | 3338   | 52667   | 0.15%  | 0.003% |
| 280    | 17.298 | 17.266 | 17.309 | VV | 8251   | 156301  | 0.44%  | 0.010% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.330 | 17.309 | 17.374 | VV | 20364  | 445701  | 1.27%  | 0.027% |
| 282    | 17.399 | 17.374 | 17.422 | VV | 17324  | 274466  | 0.78%  | 0.017% |
| 283    | 17.435 | 17.422 | 17.452 | VV | 5553   | 78543   | 0.22%  | 0.005% |
| 284    | 17.464 | 17.452 | 17.509 | VV | 5330   | 115012  | 0.33%  | 0.007% |
| 285    | 17.534 | 17.509 | 17.559 | VV | 5222   | 83537   | 0.24%  | 0.005% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.564 | 17.559 | 17.577 | VV | 2728   | 21029   | 0.06%  | 0.001% |
| 287    | 17.603 | 17.577 | 17.667 | VV | 8142   | 172937  | 0.49%  | 0.011% |
| 288    | 17.691 | 17.667 | 17.709 | PV | 1823   | 23912   | 0.07%  | 0.001% |
| 289    | 17.728 | 17.709 | 17.759 | VV | 3877   | 73868   | 0.21%  | 0.005% |
| 290    | 17.795 | 17.759 | 17.804 | VV | 3312   | 64285   | 0.18%  | 0.004% |
|        |        |        |        |    |        |         |        |        |
| 291    | 17.838 | 17.804 | 17.882 | VV | 260613 | 3484265 | 9.90%  | 0.213% |
| 292    | 17.927 | 17.882 | 17.952 | VV | 13073  | 246660  | 0.70%  | 0.015% |
| 293    | 17.968 | 17.952 | 17.992 | VV | 3442   | 73401   | 0.21%  | 0.004% |
| 294    | 18.008 | 17.992 | 18.022 | VV | 5622   | 84876   | 0.24%  | 0.005% |
| 295    | 18.032 | 18.022 | 18.065 | VV | 5483   | 118158  | 0.34%  | 0.007% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.085 | 18.065 | 18.103 | VV | 7757   | 131343  | 0.37%  | 0.008% |
| 297    | 18.122 | 18.103 | 18.162 | VV | 7464   | 206301  | 0.59%  | 0.013% |
| 298    | 18.220 | 18.162 | 18.239 | VV | 30733  | 725636  | 2.06%  | 0.044% |
| 299    | 18.254 | 18.239 | 18.282 | VV | 22147  | 383978  | 1.09%  | 0.023% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.316 | 18.282 | 18.328 | VV | 315880 | 4051353 | 11.51% | 0.247% |
| 301 | 18.337 | 18.328 | 18.431 | VV | 267250 | 4028020 | 11.44% | 0.246% |
| 302 | 18.451 | 18.431 | 18.466 | VV | 16144  | 240723  | 0.68%  | 0.015% |
| 303 | 18.481 | 18.466 | 18.506 | VV | 17114  | 284365  | 0.81%  | 0.017% |
| 304 | 18.518 | 18.506 | 18.527 | VV | 7562   | 93181   | 0.26%  | 0.006% |
| 305 | 18.571 | 18.527 | 18.629 | VV | 301263 | 4302873 | 12.22% | 0.262% |
| 306 | 18.663 | 18.629 | 18.711 | VV | 283901 | 3764207 | 10.69% | 0.230% |
| 307 | 18.730 | 18.711 | 18.746 | VV | 13163  | 236424  | 0.67%  | 0.014% |
| 308 | 18.764 | 18.746 | 18.804 | VV | 19210  | 388513  | 1.10%  | 0.024% |
| 309 | 18.832 | 18.804 | 18.864 | VV | 9443   | 276425  | 0.79%  | 0.017% |
| 310 | 18.881 | 18.864 | 18.921 | VV | 8370   | 255645  | 0.73%  | 0.016% |
| 311 | 18.939 | 18.921 | 18.955 | VV | 9133   | 169773  | 0.48%  | 0.010% |
| 312 | 18.965 | 18.955 | 18.979 | VV | 8827   | 112987  | 0.32%  | 0.007% |
| 313 | 19.049 | 18.979 | 19.139 | VV | 30414  | 1553886 | 4.41%  | 0.095% |
| 314 | 19.170 | 19.139 | 19.203 | VV | 13568  | 447114  | 1.27%  | 0.027% |
| 315 | 19.224 | 19.203 | 19.251 | VV | 11312  | 295455  | 0.84%  | 0.018% |
| 316 | 19.262 | 19.251 | 19.284 | VV | 10622  | 200382  | 0.57%  | 0.012% |
| 317 | 19.304 | 19.284 | 19.319 | VV | 11509  | 220999  | 0.63%  | 0.013% |
| 318 | 19.332 | 19.319 | 19.363 | VV | 11805  | 278308  | 0.79%  | 0.017% |
| 319 | 19.375 | 19.363 | 19.396 | VV | 9661   | 175834  | 0.50%  | 0.011% |
| 320 | 19.442 | 19.396 | 19.481 | VV | 246826 | 3714156 | 10.55% | 0.227% |
| 321 | 19.494 | 19.481 | 19.511 | VV | 10592  | 181284  | 0.51%  | 0.011% |
| 322 | 19.543 | 19.511 | 19.577 | VV | 17151  | 551080  | 1.57%  | 0.034% |
| 323 | 19.586 | 19.577 | 19.631 | VV | 13183  | 382758  | 1.09%  | 0.023% |
| 324 | 19.653 | 19.631 | 19.674 | VV | 13590  | 308608  | 0.88%  | 0.019% |
| 325 | 19.736 | 19.674 | 19.778 | VV | 31261  | 1203420 | 3.42%  | 0.073% |
| 326 | 19.816 | 19.778 | 19.901 | VV | 36712  | 1727404 | 4.91%  | 0.105% |
| 327 | 19.924 | 19.901 | 19.942 | VV | 16830  | 406241  | 1.15%  | 0.025% |
| 328 | 19.958 | 19.942 | 19.979 | VV | 16064  | 340482  | 0.97%  | 0.021% |
| 329 | 19.989 | 19.979 | 20.009 | VV | 16089  | 279312  | 0.79%  | 0.017% |
| 330 | 20.036 | 20.009 | 20.062 | VV | 19716  | 541216  | 1.54%  | 0.033% |
| 331 | 20.083 | 20.062 | 20.093 | VV | 17564  | 306855  | 0.87%  | 0.019% |
| 332 | 20.131 | 20.093 | 20.147 | VV | 36063  | 853410  | 2.42%  | 0.052% |
| 333 | 20.177 | 20.147 | 20.232 | VV | 239740 | 4120946 | 11.70% | 0.251% |
| 334 | 20.269 | 20.232 | 20.310 | VV | 22400  | 967018  | 2.75%  | 0.059% |
| 335 | 20.319 | 20.310 | 20.331 | VV | 20741  | 251734  | 0.71%  | 0.015% |
| 336 | 20.352 | 20.331 | 20.427 | VV | 23017  | 1151907 | 3.27%  | 0.070% |
| 337 | 20.453 | 20.427 | 20.480 | VV | 18810  | 579250  | 1.65%  | 0.035% |
| 338 | 20.536 | 20.480 | 20.561 | VV | 19916  | 902235  | 2.56%  | 0.055% |
| 339 | 20.579 | 20.561 | 20.600 | VV | 18461  | 426976  | 1.21%  | 0.026% |
| 340 | 20.610 | 20.600 | 20.640 | VV | 17797  | 419194  | 1.19%  | 0.026% |
| 341 | 20.665 | 20.640 | 20.762 | VV | 17265  | 1174265 | 3.34%  | 0.072% |
| 342 | 20.771 | 20.762 | 20.792 | VV | 14992  | 261531  | 0.74%  | 0.016% |
| 343 | 20.827 | 20.792 | 20.842 | VV | 15911  | 468222  | 1.33%  | 0.029% |
| 344 | 20.865 | 20.842 | 20.887 | VV | 16124  | 426423  | 1.21%  | 0.026% |
| 345 | 20.933 | 20.887 | 20.997 | VV | 182492 | 3810323 | 10.82% | 0.232% |
| 346 | 21.006 | 20.997 | 21.024 | VV | 12740  | 195661  | 0.56%  | 0.012% |
| 347 | 21.027 | 21.024 | 21.036 | VV | 12137  | 83674   | 0.24%  | 0.005% |
| 348 | 21.046 | 21.036 | 21.059 | VV | 12473  | 169324  | 0.48%  | 0.010% |
| 349 | 21.090 | 21.059 | 21.109 | VV | 12969  | 372899  | 1.06%  | 0.023% |
| 350 | 21.132 | 21.109 | 21.162 | VV | 12840  | 391543  | 1.11%  | 0.024% |
| 351 | 21.185 | 21.162 | 21.196 | VV | 12297  | 241199  | 0.69%  | 0.015% |

|     |        |        |        |     |        |                         |            |        |
|-----|--------|--------|--------|-----|--------|-------------------------|------------|--------|
|     |        |        |        |     |        | rteres                  |            |        |
| 352 | 21.227 | 21.196 | 21.236 | VV  | 13708  | 302616                  | 0.86%      | 0.018% |
| 353 | 21.245 | 21.236 | 21.309 | VV  | 13361  | 522794                  | 1.48%      | 0.032% |
| 354 | 21.334 | 21.309 | 21.350 | VV  | 11134  | 268935                  | 0.76%      | 0.016% |
| 355 | 21.373 | 21.350 | 21.402 | VV  | 11239  | 333370                  | 0.95%      | 0.020% |
| 356 | 21.471 | 21.402 | 21.517 | VV  | 11165  | 706481                  | 2.01%      | 0.043% |
| 357 | 21.525 | 21.517 | 21.537 | VV  | 9758   | 112735                  | 0.32%      | 0.007% |
| 358 | 21.544 | 21.537 | 21.564 | VV  | 9393   | 146898                  | 0.42%      | 0.009% |
| 359 | 21.571 | 21.564 | 21.591 | VV  | 9381   | 146982                  | 0.42%      | 0.009% |
| 360 | 21.599 | 21.591 | 21.611 | VV  | 8930   | 101912                  | 0.29%      | 0.006% |
| 361 | 21.627 | 21.611 | 21.644 | VV  | 8973   | 171254                  | 0.49%      | 0.010% |
| 362 | 21.723 | 21.644 | 21.791 | VV  | 10730  | 831510                  | 2.36%      | 0.051% |
| 363 | 21.801 | 21.791 | 21.813 | VV  | 8623   | 107078                  | 0.30%      | 0.007% |
| 364 | 21.877 | 21.813 | 21.942 | VV  | 136151 | 3575426                 | 10.16%     | 0.218% |
| 365 | 21.951 | 21.942 | 22.006 | VV  | 7016   | 244537                  | 0.69%      | 0.015% |
| 366 | 22.024 | 22.006 | 22.041 | VBA | 6137   | 147173                  | 0.42%      | 0.009% |
|     |        |        |        |     |        | Sum of corrected areas: | 1639451314 |        |

Alaphatic EPH 050820.M Wed May 20 08:24:47 2020