

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050119AL\  
 Data File : FC040945.D  
 Signal(s) : FID1A.CH  
 Acq On : 01 May 2019 13:18  
 Sample : K2194-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 042219.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         | 2.861       | 2.845        | 2.884      | PV       | 380            | 4525         | 0.01%          | 0.001%        |
| 2         | 2.893       | 2.884        | 2.914      | VV       | 217            | 2426         | 0.01%          | 0.001%        |
| 3         | 2.964       | 2.914        | 2.985      | VV       | 175            | 3857         | 0.01%          | 0.001%        |
| 4         | 2.994       | 2.985        | 3.038      | PV       | 206            | 3493         | 0.01%          | 0.001%        |
| 5         | 3.059       | 3.038        | 3.089      | VV       | 188            | 3189         | 0.01%          | 0.001%        |
| 6         | 3.127       | 3.089        | 3.135      | PV       | 359            | 4550         | 0.01%          | 0.001%        |
| 7         | 3.164       | 3.135        | 3.184      | VV       | 861            | 11634        | 0.03%          | 0.003%        |
| 8         | 3.210       | 3.184        | 3.250      | VV       | 367            | 9359         | 0.02%          | 0.002%        |
| 9         | 3.259       | 3.250        | 3.272      | VV       | 189            | 1999         | 0.00%          | 0.000%        |
| 10        | 3.287       | 3.272        | 3.329      | VV       | 310            | 7074         | 0.02%          | 0.002%        |
| 11        | 3.342       | 3.329        | 3.374      | VV       | 351            | 6427         | 0.02%          | 0.002%        |
| 12        | 3.393       | 3.374        | 3.409      | VV       | 641            | 6824         | 0.02%          | 0.002%        |
| 13        | 3.420       | 3.409        | 3.452      | VV       | 494            | 9598         | 0.02%          | 0.002%        |
| 14        | 3.466       | 3.452        | 3.487      | VV       | 1869           | 17073        | 0.04%          | 0.004%        |
| 15        | 3.507       | 3.487        | 3.548      | VV       | 457            | 10716        | 0.03%          | 0.003%        |
| 16        | 3.571       | 3.548        | 3.614      | VV       | 447            | 12201        | 0.03%          | 0.003%        |
| 17        | 3.665       | 3.614        | 3.735      | VV       | 2132           | 49341        | 0.12%          | 0.012%        |
| 18        | 3.744       | 3.735        | 3.780      | VV       | 306            | 4548         | 0.01%          | 0.001%        |
| 19        | 3.861       | 3.780        | 3.866      | PV       | 369            | 10990        | 0.03%          | 0.003%        |
| 20        | 3.883       | 3.866        | 3.905      | VV       | 769            | 10384        | 0.02%          | 0.003%        |
| 21        | 3.938       | 3.905        | 3.950      | VV       | 737            | 9389         | 0.02%          | 0.002%        |
| 22        | 3.959       | 3.950        | 3.974      | VV       | 472            | 4485         | 0.01%          | 0.001%        |
| 23        | 3.986       | 3.974        | 4.010      | VV       | 275            | 3310         | 0.01%          | 0.001%        |
| 24        | 4.043       | 4.010        | 4.073      | VV       | 516            | 9755         | 0.02%          | 0.002%        |
| 25        | 4.105       | 4.073        | 4.124      | VV       | 858            | 17811        | 0.04%          | 0.004%        |
| 26        | 4.131       | 4.124        | 4.152      | VV       | 647            | 6372         | 0.02%          | 0.002%        |
| 27        | 4.168       | 4.152        | 4.197      | VV       | 666            | 10014        | 0.02%          | 0.002%        |
| 28        | 4.213       | 4.197        | 4.245      | VV       | 1439           | 21205        | 0.05%          | 0.005%        |
| 29        | 4.262       | 4.245        | 4.277      | VV       | 1015           | 12453        | 0.03%          | 0.003%        |
| 30        | 4.296       | 4.277        | 4.315      | VV       | 1425           | 17624        | 0.04%          | 0.004%        |
| 31        | 4.333       | 4.315        | 4.344      | VV       | 1167           | 11636        | 0.03%          | 0.003%        |
| 32        | 4.363       | 4.344        | 4.380      | VV       | 2135           | 22926        | 0.05%          | 0.006%        |
| 33        | 4.408       | 4.380        | 4.453      | VV       | 825            | 15596        | 0.04%          | 0.004%        |
| 34        | 4.479       | 4.453        | 4.492      | VV       | 577            | 7983         | 0.02%          | 0.002%        |
| 35        | 4.510       | 4.492        | 4.524      | VV       | 1106           | 13756        | 0.03%          | 0.003%        |
| 36        | 4.533       | 4.524        | 4.557      | VV       | 935            | 12332        | 0.03%          | 0.003%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.573 | 4.557 | 4.584 | VV | 862    | 9183   | 0.02% | 0.002% |
| 38 | 4.598 | 4.584 | 4.632 | VV | 2047   | 43215  | 0.10% | 0.011% |
| 39 | 4.643 | 4.632 | 4.667 | VV | 1181   | 13663  | 0.03% | 0.003% |
| 40 | 4.683 | 4.667 | 4.694 | VV | 413    | 3982   | 0.01% | 0.001% |
| 41 | 4.720 | 4.694 | 4.741 | VV | 3315   | 42171  | 0.10% | 0.010% |
| 42 | 4.749 | 4.741 | 4.762 | VV | 897    | 9519   | 0.02% | 0.002% |
| 43 | 4.789 | 4.762 | 4.825 | VV | 2057   | 51705  | 0.12% | 0.013% |
| 44 | 4.832 | 4.825 | 4.847 | VV | 903    | 9917   | 0.02% | 0.002% |
| 45 | 4.861 | 4.847 | 4.884 | VV | 1873   | 20522  | 0.05% | 0.005% |
| 46 | 4.904 | 4.884 | 4.926 | PV | 3952   | 52528  | 0.12% | 0.013% |
| 47 | 4.943 | 4.926 | 4.960 | VV | 7793   | 75969  | 0.18% | 0.019% |
| 48 | 4.974 | 4.960 | 5.012 | VV | 1434   | 26543  | 0.06% | 0.007% |
| 49 | 5.043 | 5.012 | 5.075 | PV | 868    | 19036  | 0.05% | 0.005% |
| 50 | 5.099 | 5.075 | 5.134 | VV | 5979   | 79982  | 0.19% | 0.020% |
| 51 | 5.148 | 5.134 | 5.159 | VV | 741    | 8881   | 0.02% | 0.002% |
| 52 | 5.201 | 5.159 | 5.227 | VV | 4469   | 116007 | 0.28% | 0.029% |
| 53 | 5.244 | 5.227 | 5.260 | VV | 2370   | 28998  | 0.07% | 0.007% |
| 54 | 5.279 | 5.260 | 5.295 | VV | 2729   | 43727  | 0.10% | 0.011% |
| 55 | 5.309 | 5.295 | 5.339 | VV | 3584   | 54790  | 0.13% | 0.014% |
| 56 | 5.358 | 5.339 | 5.382 | PV | 3976   | 46019  | 0.11% | 0.011% |
| 57 | 5.406 | 5.382 | 5.428 | VV | 4814   | 73175  | 0.17% | 0.018% |
| 58 | 5.460 | 5.428 | 5.475 | VV | 6505   | 81563  | 0.19% | 0.020% |
| 59 | 5.500 | 5.475 | 5.521 | VV | 3516   | 67999  | 0.16% | 0.017% |
| 60 | 5.538 | 5.521 | 5.560 | VV | 2260   | 34392  | 0.08% | 0.009% |
| 61 | 5.588 | 5.560 | 5.612 | VV | 4612   | 82424  | 0.20% | 0.020% |
| 62 | 5.634 | 5.612 | 5.659 | VV | 4890   | 94406  | 0.22% | 0.023% |
| 63 | 5.672 | 5.659 | 5.696 | VV | 4103   | 63015  | 0.15% | 0.016% |
| 64 | 5.724 | 5.696 | 5.745 | VV | 5794   | 95571  | 0.23% | 0.024% |
| 65 | 5.762 | 5.745 | 5.780 | VV | 2338   | 30556  | 0.07% | 0.008% |
| 66 | 5.824 | 5.780 | 5.850 | VV | 7199   | 137676 | 0.33% | 0.034% |
| 67 | 5.876 | 5.850 | 5.892 | VV | 9564   | 122524 | 0.29% | 0.030% |
| 68 | 5.903 | 5.892 | 5.923 | VV | 5583   | 61596  | 0.15% | 0.015% |
| 69 | 5.968 | 5.923 | 5.980 | VV | 2277   | 53255  | 0.13% | 0.013% |
| 70 | 5.995 | 5.980 | 6.006 | VV | 3521   | 40207  | 0.10% | 0.010% |
| 71 | 6.025 | 6.006 | 6.045 | VV | 6633   | 89019  | 0.21% | 0.022% |
| 72 | 6.081 | 6.045 | 6.120 | VV | 5852   | 131702 | 0.31% | 0.033% |
| 73 | 6.158 | 6.120 | 6.181 | VV | 8696   | 146830 | 0.35% | 0.036% |
| 74 | 6.219 | 6.181 | 6.247 | VV | 5933   | 120470 | 0.29% | 0.030% |
| 75 | 6.286 | 6.247 | 6.307 | VV | 15033  | 196908 | 0.47% | 0.049% |
| 76 | 6.322 | 6.307 | 6.333 | VV | 2945   | 30846  | 0.07% | 0.008% |
| 77 | 6.352 | 6.333 | 6.369 | VV | 5333   | 76720  | 0.18% | 0.019% |
| 78 | 6.397 | 6.369 | 6.422 | VV | 6659   | 153640 | 0.37% | 0.038% |
| 79 | 6.441 | 6.422 | 6.464 | VV | 9762   | 149034 | 0.35% | 0.037% |
| 80 | 6.481 | 6.464 | 6.498 | VV | 4881   | 86960  | 0.21% | 0.022% |
| 81 | 6.514 | 6.498 | 6.564 | VV | 11252  | 218815 | 0.52% | 0.054% |
| 82 | 6.582 | 6.564 | 6.624 | VV | 9763   | 210645 | 0.50% | 0.052% |
| 83 | 6.645 | 6.624 | 6.667 | VV | 5904   | 116134 | 0.28% | 0.029% |
| 84 | 6.684 | 6.667 | 6.704 | VV | 7129   | 101664 | 0.24% | 0.025% |
| 85 | 6.728 | 6.704 | 6.749 | VV | 3642   | 80732  | 0.19% | 0.020% |
| 86 | 6.795 | 6.749 | 6.832 | VV | 31040  | 601863 | 1.43% | 0.149% |
| 87 | 6.848 | 6.832 | 6.862 | VV | 9042   | 118761 | 0.28% | 0.029% |
| 88 | 6.878 | 6.862 | 6.915 | VV | 6798   | 168187 | 0.40% | 0.042% |
| 89 | 6.926 | 6.915 | 6.943 | VV | 2790   | 45009  | 0.11% | 0.011% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 6.979 | 6.943 | 6.993 | VV | 15101  | 240997  | 0.57%  | 0.060% |
| 91  | 7.000 | 6.993 | 7.017 | VV | 10604  | 116708  | 0.28%  | 0.029% |
| 92  | 7.032 | 7.017 | 7.050 | VV | 8697   | 104790  | 0.25%  | 0.026% |
| 93  | 7.077 | 7.050 | 7.087 | VV | 4441   | 62394   | 0.15%  | 0.015% |
| 94  | 7.117 | 7.087 | 7.152 | VV | 487142 | 4779755 | 11.37% | 1.184% |
| 95  | 7.164 | 7.152 | 7.177 | VV | 5975   | 75807   | 0.18%  | 0.019% |
| 96  | 7.194 | 7.177 | 7.213 | VV | 8529   | 134135  | 0.32%  | 0.033% |
| 97  | 7.241 | 7.213 | 7.261 | VV | 10376  | 227063  | 0.54%  | 0.056% |
| 98  | 7.276 | 7.261 | 7.297 | VV | 9271   | 157658  | 0.37%  | 0.039% |
| 99  | 7.318 | 7.297 | 7.340 | VV | 14139  | 199290  | 0.47%  | 0.049% |
| 100 | 7.364 | 7.340 | 7.387 | VV | 12038  | 201592  | 0.48%  | 0.050% |
| 101 | 7.412 | 7.387 | 7.460 | VV | 19260  | 461819  | 1.10%  | 0.114% |
| 102 | 7.489 | 7.460 | 7.509 | VV | 19515  | 297554  | 0.71%  | 0.074% |
| 103 | 7.522 | 7.509 | 7.534 | VV | 6999   | 88680   | 0.21%  | 0.022% |
| 104 | 7.553 | 7.534 | 7.565 | VV | 5626   | 101745  | 0.24%  | 0.025% |
| 105 | 7.598 | 7.565 | 7.618 | VV | 17191  | 360552  | 0.86%  | 0.089% |
| 106 | 7.630 | 7.618 | 7.642 | VV | 11401  | 143297  | 0.34%  | 0.036% |
| 107 | 7.666 | 7.642 | 7.700 | VV | 55175  | 808250  | 1.92%  | 0.200% |
| 108 | 7.726 | 7.700 | 7.744 | VV | 21553  | 378030  | 0.90%  | 0.094% |
| 109 | 7.780 | 7.744 | 7.801 | VV | 12946  | 339658  | 0.81%  | 0.084% |
| 110 | 7.839 | 7.801 | 7.852 | VV | 16150  | 290111  | 0.69%  | 0.072% |
| 111 | 7.862 | 7.852 | 7.876 | VV | 13292  | 149893  | 0.36%  | 0.037% |
| 112 | 7.897 | 7.876 | 7.931 | VV | 18402  | 365933  | 0.87%  | 0.091% |
| 113 | 7.988 | 7.931 | 8.014 | VV | 335294 | 3504603 | 8.33%  | 0.868% |
| 114 | 8.046 | 8.014 | 8.057 | VV | 11599  | 250067  | 0.59%  | 0.062% |
| 115 | 8.085 | 8.057 | 8.099 | VV | 15173  | 317422  | 0.75%  | 0.079% |
| 116 | 8.113 | 8.099 | 8.142 | VV | 16035  | 332798  | 0.79%  | 0.082% |
| 117 | 8.155 | 8.142 | 8.169 | VV | 15147  | 202840  | 0.48%  | 0.050% |
| 118 | 8.202 | 8.169 | 8.229 | VV | 36960  | 622219  | 1.48%  | 0.154% |
| 119 | 8.252 | 8.229 | 8.266 | VV | 13419  | 221084  | 0.53%  | 0.055% |
| 120 | 8.279 | 8.266 | 8.300 | VV | 11255  | 188808  | 0.45%  | 0.047% |
| 121 | 8.318 | 8.300 | 8.336 | VV | 13793  | 234857  | 0.56%  | 0.058% |
| 122 | 8.353 | 8.336 | 8.400 | VV | 12705  | 359238  | 0.85%  | 0.089% |
| 123 | 8.436 | 8.400 | 8.455 | VV | 15066  | 365033  | 0.87%  | 0.090% |
| 124 | 8.487 | 8.455 | 8.516 | VV | 84949  | 1136054 | 2.70%  | 0.282% |
| 125 | 8.532 | 8.516 | 8.557 | VV | 12861  | 262612  | 0.62%  | 0.065% |
| 126 | 8.572 | 8.557 | 8.608 | VV | 13657  | 305170  | 0.73%  | 0.076% |
| 127 | 8.647 | 8.608 | 8.665 | VV | 11982  | 327920  | 0.78%  | 0.081% |
| 128 | 8.696 | 8.665 | 8.709 | VV | 9791   | 225958  | 0.54%  | 0.056% |
| 129 | 8.725 | 8.709 | 8.740 | VV | 12960  | 203407  | 0.48%  | 0.050% |
| 130 | 8.750 | 8.740 | 8.760 | VV | 9814   | 112918  | 0.27%  | 0.028% |
| 131 | 8.780 | 8.760 | 8.799 | VV | 14220  | 249428  | 0.59%  | 0.062% |
| 132 | 8.820 | 8.799 | 8.833 | VV | 10483  | 193478  | 0.46%  | 0.048% |
| 133 | 8.863 | 8.833 | 8.895 | VV | 28381  | 610684  | 1.45%  | 0.151% |
| 134 | 8.903 | 8.895 | 8.917 | VV | 13268  | 160917  | 0.38%  | 0.040% |
| 135 | 8.946 | 8.917 | 8.970 | VV | 22997  | 478287  | 1.14%  | 0.119% |
| 136 | 8.990 | 8.970 | 9.010 | VV | 18854  | 333888  | 0.79%  | 0.083% |
| 137 | 9.021 | 9.010 | 9.030 | VV | 13164  | 145693  | 0.35%  | 0.036% |
| 138 | 9.044 | 9.030 | 9.077 | VV | 19221  | 349427  | 0.83%  | 0.087% |
| 139 | 9.104 | 9.077 | 9.129 | VV | 10130  | 256983  | 0.61%  | 0.064% |
| 140 | 9.149 | 9.129 | 9.161 | VV | 8654   | 144990  | 0.34%  | 0.036% |
| 141 | 9.183 | 9.161 | 9.194 | VV | 11522  | 196706  | 0.47%  | 0.049% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.223  | 9.194  | 9.242  | VV | 18145  | 420814  | 1.00%  | 0.104% |
| 143    | 9.264  | 9.242  | 9.316  | VV | 101631 | 1443384 | 3.43%  | 0.358% |
| 144    | 9.348  | 9.316  | 9.357  | VV | 10348  | 240806  | 0.57%  | 0.060% |
| 145    | 9.370  | 9.357  | 9.420  | VV | 10524  | 288791  | 0.69%  | 0.072% |
| 146    | 9.444  | 9.420  | 9.497  | VV | 11197  | 357785  | 0.85%  | 0.089% |
| 147    | 9.540  | 9.497  | 9.560  | VV | 9658   | 278550  | 0.66%  | 0.069% |
| 148    | 9.608  | 9.560  | 9.624  | VV | 17343  | 409497  | 0.97%  | 0.101% |
| 149    | 9.653  | 9.624  | 9.684  | VV | 45981  | 833542  | 1.98%  | 0.207% |
| 150    | 9.705  | 9.684  | 9.723  | VV | 15761  | 307301  | 0.73%  | 0.076% |
| 151    | 9.741  | 9.723  | 9.767  | VV | 22656  | 381783  | 0.91%  | 0.095% |
| 152    | 9.793  | 9.767  | 9.832  | VV | 21057  | 459876  | 1.09%  | 0.114% |
| 153    | 9.854  | 9.832  | 9.865  | VV | 7767   | 138189  | 0.33%  | 0.034% |
| 154    | 9.920  | 9.865  | 9.966  | VV | 12231  | 553308  | 1.32%  | 0.137% |
| 155    | 10.002 | 9.966  | 10.037 | VV | 108850 | 1510402 | 3.59%  | 0.374% |
| 156    | 10.074 | 10.037 | 10.114 | VV | 44363  | 998906  | 2.38%  | 0.248% |
| 157    | 10.123 | 10.114 | 10.160 | VV | 10317  | 226422  | 0.54%  | 0.056% |
| 158    | 10.218 | 10.160 | 10.239 | VV | 7664   | 301883  | 0.72%  | 0.075% |
| 159    | 10.266 | 10.239 | 10.299 | VV | 27998  | 469219  | 1.12%  | 0.116% |
| 160    | 10.341 | 10.299 | 10.361 | VV | 21834  | 499758  | 1.19%  | 0.124% |
| 161    | 10.394 | 10.361 | 10.435 | VV | 19594  | 544820  | 1.30%  | 0.135% |
| 162    | 10.456 | 10.435 | 10.492 | VV | 15035  | 303530  | 0.72%  | 0.075% |
| 163    | 10.510 | 10.492 | 10.535 | VV | 13363  | 219332  | 0.52%  | 0.054% |
| 164    | 10.573 | 10.535 | 10.595 | VV | 6973   | 207878  | 0.49%  | 0.052% |
| 165    | 10.625 | 10.595 | 10.640 | VV | 7237   | 159174  | 0.38%  | 0.039% |
| 166    | 10.659 | 10.640 | 10.674 | VV | 7933   | 137346  | 0.33%  | 0.034% |
| 167    | 10.705 | 10.674 | 10.729 | VV | 94877  | 1213801 | 2.89%  | 0.301% |
| 168    | 10.752 | 10.729 | 10.769 | VV | 10141  | 216669  | 0.52%  | 0.054% |
| 169    | 10.796 | 10.769 | 10.844 | VV | 37814  | 663225  | 1.58%  | 0.164% |
| 170    | 10.862 | 10.844 | 10.884 | VV | 6253   | 114777  | 0.27%  | 0.028% |
| 171    | 10.915 | 10.884 | 10.933 | VV | 5931   | 140591  | 0.33%  | 0.035% |
| 172    | 10.952 | 10.933 | 10.976 | VV | 6463   | 141003  | 0.34%  | 0.035% |
| 173    | 11.031 | 10.976 | 11.081 | VV | 366340 | 4497686 | 10.69% | 1.114% |
| 174    | 11.101 | 11.081 | 11.124 | VV | 20049  | 308395  | 0.73%  | 0.076% |
| 175    | 11.138 | 11.124 | 11.154 | VV | 10013  | 143426  | 0.34%  | 0.036% |
| 176    | 11.187 | 11.154 | 11.205 | VV | 16885  | 304212  | 0.72%  | 0.075% |
| 177    | 11.219 | 11.205 | 11.237 | VV | 10171  | 152799  | 0.36%  | 0.038% |
| 178    | 11.262 | 11.237 | 11.292 | VV | 33902  | 498329  | 1.18%  | 0.123% |
| 179    | 11.320 | 11.292 | 11.332 | VV | 4720   | 97691   | 0.23%  | 0.024% |
| 180    | 11.376 | 11.332 | 11.399 | VV | 79551  | 1158436 | 2.75%  | 0.287% |
| 181    | 11.432 | 11.399 | 11.459 | VV | 774244 | 9074687 | 21.58% | 2.249% |
| 182    | 11.469 | 11.459 | 11.497 | VV | 7397   | 125002  | 0.30%  | 0.031% |
| 183    | 11.507 | 11.497 | 11.520 | VV | 3029   | 39124   | 0.09%  | 0.010% |
| 184    | 11.535 | 11.520 | 11.553 | VV | 3439   | 44600   | 0.11%  | 0.011% |
| 185    | 11.573 | 11.553 | 11.589 | VV | 4357   | 60226   | 0.14%  | 0.015% |
| 186    | 11.607 | 11.589 | 11.626 | VV | 6553   | 92550   | 0.22%  | 0.023% |
| 187    | 11.648 | 11.626 | 11.669 | VV | 7782   | 130132  | 0.31%  | 0.032% |
| 188    | 11.680 | 11.669 | 11.699 | VV | 6267   | 83943   | 0.20%  | 0.021% |
| 189    | 11.715 | 11.699 | 11.734 | VV | 5858   | 81548   | 0.19%  | 0.020% |
| 190    | 11.753 | 11.734 | 11.772 | VV | 8715   | 148264  | 0.35%  | 0.037% |
| 191    | 11.787 | 11.772 | 11.819 | VV | 10482  | 161465  | 0.38%  | 0.040% |
| 192    | 11.838 | 11.819 | 11.850 | VV | 7111   | 94616   | 0.22%  | 0.023% |
| 193    | 11.890 | 11.850 | 11.912 | VV | 15863  | 291515  | 0.69%  | 0.072% |
| 194    | 11.935 | 11.912 | 11.954 | VV | 3947   | 76703   | 0.18%  | 0.019% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 11.970 | 11.954 | 11.987 | VV | 8740    | 119346   | 0.28%   | 0.030%  |
| 196 | 12.013 | 11.987 | 12.050 | VV | 74497   | 961315   | 2.29%   | 0.238%  |
| 197 | 12.086 | 12.050 | 12.134 | VV | 44245   | 658208   | 1.57%   | 0.163%  |
| 198 | 12.159 | 12.134 | 12.175 | VV | 1723    | 27611    | 0.07%   | 0.007%  |
| 199 | 12.187 | 12.175 | 12.202 | VV | 1044    | 9304     | 0.02%   | 0.002%  |
| 200 | 12.231 | 12.202 | 12.249 | PV | 2347    | 35936    | 0.09%   | 0.009%  |
| 201 | 12.274 | 12.249 | 12.297 | VV | 6683    | 116731   | 0.28%   | 0.029%  |
| 202 | 12.321 | 12.297 | 12.355 | VV | 14701   | 260598   | 0.62%   | 0.065%  |
| 203 | 12.385 | 12.355 | 12.411 | VV | 45068   | 603695   | 1.44%   | 0.150%  |
| 204 | 12.466 | 12.411 | 12.492 | VV | 2070065 | 35794518 | 85.11%  | 8.869%  |
| 205 | 12.529 | 12.492 | 12.589 | VV | 2557825 | 42055750 | 100.00% | 10.421% |
| 206 | 12.628 | 12.589 | 12.650 | VV | 59783   | 819479   | 1.95%   | 0.203%  |
| 207 | 12.683 | 12.650 | 12.707 | VV | 390787  | 4668371  | 11.10%  | 1.157%  |
| 208 | 12.720 | 12.707 | 12.755 | VV | 27710   | 604096   | 1.44%   | 0.150%  |
| 209 | 12.770 | 12.755 | 12.797 | VV | 13630   | 234049   | 0.56%   | 0.058%  |
| 210 | 12.806 | 12.797 | 12.826 | VV | 6071    | 79196    | 0.19%   | 0.020%  |
| 211 | 12.860 | 12.826 | 12.914 | VV | 13575   | 374971   | 0.89%   | 0.093%  |
| 212 | 12.973 | 12.914 | 13.003 | VV | 93623   | 1446417  | 3.44%   | 0.358%  |
| 213 | 13.017 | 13.003 | 13.034 | VV | 6335    | 86257    | 0.21%   | 0.021%  |
| 214 | 13.054 | 13.034 | 13.071 | VV | 13833   | 175416   | 0.42%   | 0.043%  |
| 215 | 13.091 | 13.071 | 13.117 | VV | 18844   | 265828   | 0.63%   | 0.066%  |
| 216 | 13.128 | 13.117 | 13.150 | VV | 5923    | 74593    | 0.18%   | 0.018%  |
| 217 | 13.169 | 13.150 | 13.185 | VV | 6101    | 69687    | 0.17%   | 0.017%  |
| 218 | 13.209 | 13.185 | 13.230 | VV | 60908   | 750239   | 1.78%   | 0.186%  |
| 219 | 13.255 | 13.230 | 13.278 | VV | 17622   | 333198   | 0.79%   | 0.083%  |
| 220 | 13.301 | 13.278 | 13.378 | VV | 19221   | 512748   | 1.22%   | 0.127%  |
| 221 | 13.471 | 13.378 | 13.490 | PV | 74881   | 1247316  | 2.97%   | 0.309%  |
| 222 | 13.510 | 13.490 | 13.539 | VV | 39997   | 714657   | 1.70%   | 0.177%  |
| 223 | 13.560 | 13.539 | 13.588 | VV | 15127   | 317783   | 0.76%   | 0.079%  |
| 224 | 13.617 | 13.588 | 13.637 | VV | 29767   | 510447   | 1.21%   | 0.126%  |
| 225 | 13.662 | 13.637 | 13.682 | VV | 71138   | 1007545  | 2.40%   | 0.250%  |
| 226 | 13.696 | 13.682 | 13.747 | VV | 18683   | 427182   | 1.02%   | 0.106%  |
| 227 | 13.772 | 13.747 | 13.797 | VV | 44936   | 625768   | 1.49%   | 0.155%  |
| 228 | 13.826 | 13.797 | 13.862 | VV | 80369   | 1152195  | 2.74%   | 0.286%  |
| 229 | 13.886 | 13.862 | 13.917 | VV | 21426   | 322318   | 0.77%   | 0.080%  |
| 230 | 13.939 | 13.917 | 13.964 | VV | 15511   | 253906   | 0.60%   | 0.063%  |
| 231 | 13.981 | 13.964 | 14.040 | VV | 5853    | 178824   | 0.43%   | 0.044%  |
| 232 | 14.066 | 14.040 | 14.076 | VV | 3989    | 62088    | 0.15%   | 0.015%  |
| 233 | 14.085 | 14.076 | 14.107 | VV | 4402    | 60482    | 0.14%   | 0.015%  |
| 234 | 14.115 | 14.107 | 14.150 | VV | 3676    | 58714    | 0.14%   | 0.015%  |
| 235 | 14.164 | 14.150 | 14.183 | VV | 3374    | 38527    | 0.09%   | 0.010%  |
| 236 | 14.227 | 14.183 | 14.240 | PV | 9079    | 173114   | 0.41%   | 0.043%  |
| 237 | 14.260 | 14.240 | 14.271 | VV | 23577   | 331887   | 0.79%   | 0.082%  |
| 238 | 14.303 | 14.271 | 14.337 | VV | 63168   | 1132018  | 2.69%   | 0.281%  |
| 239 | 14.360 | 14.337 | 14.377 | VV | 5750    | 90204    | 0.21%   | 0.022%  |
| 240 | 14.416 | 14.377 | 14.440 | VV | 7738    | 212891   | 0.51%   | 0.053%  |
| 241 | 14.463 | 14.440 | 14.482 | VV | 7886    | 148863   | 0.35%   | 0.037%  |
| 242 | 14.503 | 14.482 | 14.532 | VV | 9011    | 182642   | 0.43%   | 0.045%  |
| 243 | 14.563 | 14.532 | 14.595 | VV | 6220    | 171433   | 0.41%   | 0.042%  |
| 244 | 14.616 | 14.595 | 14.630 | VV | 6632    | 109821   | 0.26%   | 0.027%  |
| 245 | 14.663 | 14.630 | 14.670 | VV | 6732    | 127207   | 0.30%   | 0.032%  |
| 246 | 14.730 | 14.670 | 14.792 | VV | 12769   | 670994   | 1.60%   | 0.166%  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.828 | 14.792 | 14.860 | VV | 32870  | 575783  | 1.37%  | 0.143% |
| 248    | 14.885 | 14.860 | 14.912 | VV | 49219  | 698562  | 1.66%  | 0.173% |
| 249    | 14.928 | 14.912 | 14.950 | VV | 12232  | 202102  | 0.48%  | 0.050% |
| 250    | 14.968 | 14.950 | 14.993 | VV | 9578   | 175017  | 0.42%  | 0.043% |
| 251    | 15.012 | 14.993 | 15.032 | VV | 7465   | 147723  | 0.35%  | 0.037% |
| 252    | 15.093 | 15.032 | 15.114 | VV | 12946  | 431850  | 1.03%  | 0.107% |
| 253    | 15.164 | 15.114 | 15.182 | VV | 8982   | 335585  | 0.80%  | 0.083% |
| 254    | 15.224 | 15.182 | 15.242 | VV | 10933  | 341648  | 0.81%  | 0.085% |
| 255    | 15.260 | 15.242 | 15.279 | VV | 11853  | 232833  | 0.55%  | 0.058% |
| 256    | 15.327 | 15.279 | 15.355 | VV | 49123  | 988563  | 2.35%  | 0.245% |
| 257    | 15.378 | 15.355 | 15.415 | VV | 16161  | 508571  | 1.21%  | 0.126% |
| 258    | 15.441 | 15.415 | 15.455 | VV | 12505  | 283131  | 0.67%  | 0.070% |
| 259    | 15.534 | 15.455 | 15.590 | VV | 26626  | 1647081 | 3.92%  | 0.408% |
| 260    | 15.635 | 15.590 | 15.661 | VV | 24628  | 907221  | 2.16%  | 0.225% |
| 261    | 15.695 | 15.661 | 15.709 | VV | 21375  | 570686  | 1.36%  | 0.141% |
| 262    | 15.735 | 15.709 | 15.757 | VV | 24677  | 624739  | 1.49%  | 0.155% |
| 263    | 15.813 | 15.757 | 15.852 | VV | 71582  | 1944920 | 4.62%  | 0.482% |
| 264    | 15.870 | 15.852 | 15.904 | VV | 39875  | 920503  | 2.19%  | 0.228% |
| 265    | 15.946 | 15.904 | 15.994 | VV | 30435  | 1493449 | 3.55%  | 0.370% |
| 266    | 16.000 | 15.994 | 16.012 | VV | 28547  | 297830  | 0.71%  | 0.074% |
| 267    | 16.035 | 16.012 | 16.074 | VV | 30453  | 1019532 | 2.42%  | 0.253% |
| 268    | 16.130 | 16.074 | 16.147 | VV | 53573  | 1708091 | 4.06%  | 0.423% |
| 269    | 16.162 | 16.147 | 16.182 | VV | 68823  | 1151003 | 2.74%  | 0.285% |
| 270    | 16.194 | 16.182 | 16.227 | VV | 49946  | 1008750 | 2.40%  | 0.250% |
| 271    | 16.277 | 16.227 | 16.299 | VV | 68844  | 1864670 | 4.43%  | 0.462% |
| 272    | 16.317 | 16.299 | 16.365 | VV | 47969  | 1663020 | 3.95%  | 0.412% |
| 273    | 16.381 | 16.365 | 16.404 | VV | 37485  | 829581  | 1.97%  | 0.206% |
| 274    | 16.437 | 16.404 | 16.445 | VV | 40134  | 943219  | 2.24%  | 0.234% |
| 275    | 16.459 | 16.445 | 16.468 | VV | 40228  | 538023  | 1.28%  | 0.133% |
| 276    | 16.513 | 16.468 | 16.525 | VV | 45983  | 1429641 | 3.40%  | 0.354% |
| 277    | 16.544 | 16.525 | 16.584 | VV | 47904  | 1611245 | 3.83%  | 0.399% |
| 278    | 16.608 | 16.584 | 16.636 | VV | 50911  | 1436670 | 3.42%  | 0.356% |
| 279    | 16.653 | 16.636 | 16.667 | VV | 45064  | 834795  | 1.98%  | 0.207% |
| 280    | 16.683 | 16.667 | 16.697 | VV | 48777  | 854844  | 2.03%  | 0.212% |
| 281    | 16.726 | 16.697 | 16.755 | VV | 92117  | 2291815 | 5.45%  | 0.568% |
| 282    | 16.782 | 16.755 | 16.800 | VV | 54871  | 1377968 | 3.28%  | 0.341% |
| 283    | 16.812 | 16.800 | 16.832 | VV | 51418  | 957298  | 2.28%  | 0.237% |
| 284    | 16.859 | 16.832 | 16.890 | VV | 61166  | 1925215 | 4.58%  | 0.477% |
| 285    | 16.915 | 16.890 | 16.936 | VV | 58167  | 1490800 | 3.54%  | 0.369% |
| 286    | 16.957 | 16.936 | 16.966 | VV | 53761  | 964883  | 2.29%  | 0.239% |
| 287    | 17.012 | 16.966 | 17.031 | VV | 59344  | 2136950 | 5.08%  | 0.530% |
| 288    | 17.083 | 17.031 | 17.119 | VV | 64574  | 3145715 | 7.48%  | 0.779% |
| 289    | 17.163 | 17.119 | 17.214 | VV | 114329 | 4275816 | 10.17% | 1.059% |
| 290    | 17.236 | 17.214 | 17.249 | VV | 64787  | 1327121 | 3.16%  | 0.329% |
| 291    | 17.259 | 17.249 | 17.275 | VV | 64101  | 987060  | 2.35%  | 0.245% |
| 292    | 17.328 | 17.275 | 17.407 | VV | 103910 | 6079887 | 14.46% | 1.507% |
| 293    | 17.427 | 17.407 | 17.442 | VV | 71231  | 1473124 | 3.50%  | 0.365% |
| 294    | 17.479 | 17.442 | 17.487 | VV | 77156  | 1988751 | 4.73%  | 0.493% |
| 295    | 17.585 | 17.487 | 17.625 | VV | 130360 | 7332434 | 17.44% | 1.817% |
| 296    | 17.646 | 17.625 | 17.654 | VV | 81503  | 1357730 | 3.23%  | 0.336% |
| 297    | 17.697 | 17.654 | 17.719 | VV | 115428 | 3674003 | 8.74%  | 0.910% |
| 298    | 17.729 | 17.719 | 17.752 | VV | 95910  | 1806688 | 4.30%  | 0.448% |
| 299    | 17.822 | 17.752 | 17.842 | VV | 100890 | 4846358 | 11.52% | 1.201% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 17.854 | 17.842 | 17.872 | VV | 97155  | 1725429 | 4.10%  | 0.428% |
| 301 | 17.896 | 17.872 | 17.917 | VV | 100223 | 2582344 | 6.14%  | 0.640% |
| 302 | 17.924 | 17.917 | 17.930 | VV | 96955  | 762221  | 1.81%  | 0.189% |
| 303 | 17.955 | 17.930 | 17.965 | VV | 101084 | 2043453 | 4.86%  | 0.506% |
| 304 | 17.997 | 17.965 | 18.041 | VV | 145797 | 5127001 | 12.19% | 1.270% |
| 305 | 18.119 | 18.041 | 18.147 | VV | 126945 | 6692148 | 15.91% | 1.658% |
| 306 | 18.166 | 18.147 | 18.229 | VV | 121634 | 5313142 | 12.63% | 1.317% |
| 307 | 18.254 | 18.229 | 18.273 | VV | 112178 | 2818197 | 6.70%  | 0.698% |
| 308 | 18.289 | 18.273 | 18.320 | VV | 110386 | 3112678 | 7.40%  | 0.771% |
| 309 | 18.394 | 18.320 | 18.421 | VV | 158904 | 7362477 | 17.51% | 1.824% |
| 310 | 18.448 | 18.421 | 18.480 | VV | 128001 | 4272245 | 10.16% | 1.059% |
| 311 | 18.519 | 18.480 | 18.587 | VV | 124183 | 7232612 | 17.20% | 1.792% |
| 312 | 18.597 | 18.587 | 18.627 | VV | 106948 | 2494892 | 5.93%  | 0.618% |
| 313 | 18.633 | 18.627 | 18.657 | VV | 103511 | 1836344 | 4.37%  | 0.455% |
| 314 | 18.697 | 18.657 | 18.734 | VV | 104502 | 4690959 | 11.15% | 1.162% |
| 315 | 18.741 | 18.734 | 18.779 | VV | 101396 | 2708700 | 6.44%  | 0.671% |
| 316 | 18.815 | 18.779 | 18.845 | VV | 134075 | 4637098 | 11.03% | 1.149% |
| 317 | 18.868 | 18.845 | 18.925 | VV | 109897 | 4784348 | 11.38% | 1.186% |
| 318 | 18.981 | 18.925 | 19.015 | VV | 98135  | 5160537 | 12.27% | 1.279% |
| 319 | 19.049 | 19.015 | 19.079 | VV | 94185  | 3526368 | 8.38%  | 0.874% |
| 320 | 19.092 | 19.079 | 19.100 | VV | 92241  | 1163468 | 2.77%  | 0.288% |
| 321 | 19.126 | 19.100 | 19.165 | VV | 95485  | 3561039 | 8.47%  | 0.882% |
| 322 | 19.174 | 19.165 | 19.228 | VV | 92618  | 3345589 | 7.96%  | 0.829% |
| 323 | 19.293 | 19.228 | 19.332 | VV | 113352 | 5996070 | 14.26% | 1.486% |
| 324 | 19.356 | 19.332 | 19.402 | VV | 93290  | 3656123 | 8.69%  | 0.906% |
| 325 | 19.434 | 19.402 | 19.462 | VV | 84766  | 3007708 | 7.15%  | 0.745% |
| 326 | 19.467 | 19.462 | 19.499 | VV | 84243  | 1820655 | 4.33%  | 0.451% |
| 327 | 19.535 | 19.499 | 19.589 | VV | 87095  | 4438968 | 10.55% | 1.100% |
| 328 | 19.608 | 19.589 | 19.619 | VV | 77615  | 1380716 | 3.28%  | 0.342% |
| 329 | 19.644 | 19.619 | 19.659 | VV | 79978  | 1890053 | 4.49%  | 0.468% |
| 330 | 19.692 | 19.659 | 19.759 | VV | 81312  | 4557940 | 10.84% | 1.129% |
| 331 | 19.783 | 19.759 | 19.797 | VV | 73517  | 1659525 | 3.95%  | 0.411% |
| 332 | 19.842 | 19.797 | 19.905 | VV | 91073  | 5083313 | 12.09% | 1.260% |
| 333 | 19.942 | 19.905 | 19.979 | VV | 74533  | 3160198 | 7.51%  | 0.783% |
| 334 | 19.988 | 19.979 | 20.012 | VV | 71559  | 1405053 | 3.34%  | 0.348% |
| 335 | 20.035 | 20.012 | 20.085 | VV | 73148  | 3096985 | 7.36%  | 0.767% |
| 336 | 20.092 | 20.085 | 20.113 | VV | 67147  | 1076207 | 2.56%  | 0.267% |
| 337 | 20.121 | 20.113 | 20.144 | VV | 64782  | 1172923 | 2.79%  | 0.291% |
| 338 | 20.170 | 20.144 | 20.230 | VV | 66042  | 3231943 | 7.68%  | 0.801% |
| 339 | 20.261 | 20.230 | 20.279 | VV | 62104  | 1771936 | 4.21%  | 0.439% |
| 340 | 20.290 | 20.279 | 20.302 | VV | 62457  | 850157  | 2.02%  | 0.211% |
| 341 | 20.327 | 20.302 | 20.337 | VV | 62318  | 1281315 | 3.05%  | 0.317% |
| 342 | 20.347 | 20.337 | 20.397 | VV | 61539  | 2158542 | 5.13%  | 0.535% |
| 343 | 20.406 | 20.397 | 20.427 | VV | 58710  | 1042555 | 2.48%  | 0.258% |
| 344 | 20.492 | 20.427 | 20.552 | VV | 74117  | 4802528 | 11.42% | 1.190% |
| 345 | 20.560 | 20.552 | 20.583 | VV | 55202  | 977746  | 2.32%  | 0.242% |
| 346 | 20.591 | 20.583 | 20.636 | VV | 52238  | 1663396 | 3.96%  | 0.412% |
| 347 | 20.685 | 20.636 | 20.732 | VV | 53293  | 2905626 | 6.91%  | 0.720% |
| 348 | 20.747 | 20.732 | 20.770 | VV | 48403  | 1103557 | 2.62%  | 0.273% |
| 349 | 20.783 | 20.770 | 20.818 | VV | 49298  | 1365685 | 3.25%  | 0.338% |
| 350 | 20.826 | 20.818 | 20.840 | VV | 46974  | 608798  | 1.45%  | 0.151% |
| 351 | 20.872 | 20.840 | 20.906 | VV | 50075  | 1917954 | 4.56%  | 0.475% |

|     |        |        |        |    |       |                         |       |           |
|-----|--------|--------|--------|----|-------|-------------------------|-------|-----------|
|     |        |        |        |    |       | rteres                  |       |           |
| 352 | 20.936 | 20.906 | 20.952 | VV | 50981 | 1372127                 | 3.26% | 0.340%    |
| 353 | 20.958 | 20.952 | 20.985 | VV | 49328 | 962219                  | 2.29% | 0.238%    |
| 354 | 20.994 | 20.985 | 21.035 | VV | 46653 | 1339891                 | 3.19% | 0.332%    |
| 355 | 21.046 | 21.035 | 21.054 | VV | 43926 | 489748                  | 1.16% | 0.121%    |
| 356 | 21.062 | 21.054 | 21.087 | VV | 45245 | 879692                  | 2.09% | 0.218%    |
| 357 | 21.092 | 21.087 | 21.134 | VV | 42698 | 1132104                 | 2.69% | 0.281%    |
| 358 | 21.142 | 21.134 | 21.175 | VV | 40638 | 978098                  | 2.33% | 0.242%    |
|     |        |        |        |    |       | Sum of corrected areas: |       | 403570635 |

Alaphatic EPH 042219.M Thu May 02 10:50:05 2019