

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062018AL\  
 Data File : FC034855.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Jun 2018 8:43  
 Sample : J3249-03  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 052418.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         | 3.246       | 3.202        | 3.277      | BH       | 156            | 2949         | 0.01%          | 0.000%        |
| 2         | 3.304       | 3.277        | 3.331      | HH       | 110            | 1373         | 0.01%          | 0.000%        |
| 3         | 3.446       | 3.427        | 3.479      | PH       | 126            | 1323         | 0.01%          | 0.000%        |
| 4         | 3.542       | 3.479        | 3.566      | PH       | 408            | 4939         | 0.02%          | 0.001%        |
| 5         | 3.575       | 3.566        | 3.606      | HH       | 93             | 1604         | 0.01%          | 0.000%        |
| 6         | 3.621       | 3.606        | 3.676      | PH       | 357            | 6237         | 0.02%          | 0.001%        |
| 7         | 3.683       | 3.676        | 3.716      | HH       | 64             | 1521         | 0.01%          | 0.000%        |
| 8         | 3.737       | 3.716        | 3.774      | PH       | 240            | 3482         | 0.01%          | 0.000%        |
| 9         | 3.786       | 3.774        | 3.799      | PH       | 135            | 1390         | 0.01%          | 0.000%        |
| 10        | 3.822       | 3.799        | 3.842      | HH       | 243            | 3711         | 0.01%          | 0.000%        |
| 11        | 3.852       | 3.842        | 3.875      | HH       | 174            | 1704         | 0.01%          | 0.000%        |
| 12        | 3.907       | 3.875        | 3.971      | PH       | 1142           | 24596        | 0.10%          | 0.003%        |
| 13        | 3.975       | 3.971        | 3.986      | HH       | 206            | 1639         | 0.01%          | 0.000%        |
| 14        | 4.013       | 3.986        | 4.034      | HH       | 252            | 5257         | 0.02%          | 0.001%        |
| 15        | 4.057       | 4.034        | 4.069      | HH       | 726            | 8795         | 0.03%          | 0.001%        |
| 16        | 4.077       | 4.069        | 4.167      | HH       | 623            | 23889        | 0.09%          | 0.003%        |
| 17        | 4.193       | 4.167        | 4.219      | HH       | 294            | 5938         | 0.02%          | 0.001%        |
| 18        | 4.230       | 4.219        | 4.241      | HH       | 210            | 2081         | 0.01%          | 0.000%        |
| 19        | 4.262       | 4.241        | 4.284      | HH       | 236            | 4288         | 0.02%          | 0.000%        |
| 20        | 4.317       | 4.284        | 4.344      | HH       | 423            | 8900         | 0.03%          | 0.001%        |
| 21        | 4.355       | 4.344        | 4.373      | HH       | 394            | 5017         | 0.02%          | 0.001%        |
| 22        | 4.382       | 4.373        | 4.405      | HH       | 246            | 4040         | 0.02%          | 0.000%        |
| 23        | 4.414       | 4.405        | 4.427      | HH       | 278            | 2823         | 0.01%          | 0.000%        |
| 24        | 4.433       | 4.427        | 4.444      | HH       | 336            | 2348         | 0.01%          | 0.000%        |
| 25        | 4.461       | 4.444        | 4.501      | HH       | 513            | 10387        | 0.04%          | 0.001%        |
| 26        | 4.527       | 4.501        | 4.634      | HH       | 4448           | 110562       | 0.43%          | 0.013%        |
| 27        | 4.652       | 4.634        | 4.678      | HH       | 820            | 17818        | 0.07%          | 0.002%        |
| 28        | 4.689       | 4.678        | 4.714      | HH       | 625            | 10376        | 0.04%          | 0.001%        |
| 29        | 4.723       | 4.714        | 4.736      | HH       | 450            | 5182         | 0.02%          | 0.001%        |
| 30        | 4.767       | 4.736        | 4.831      | HH       | 652            | 26858        | 0.10%          | 0.003%        |
| 31        | 4.834       | 4.831        | 4.854      | HH       | 310            | 4436         | 0.02%          | 0.001%        |
| 32        | 4.871       | 4.854        | 4.896      | HH       | 544            | 10585        | 0.04%          | 0.001%        |
| 33        | 4.909       | 4.896        | 4.925      | HH       | 601            | 8189         | 0.03%          | 0.001%        |
| 34        | 4.949       | 4.925        | 4.976      | HH       | 1015           | 18692        | 0.07%          | 0.002%        |
| 35        | 5.006       | 4.976        | 5.024      | HH       | 929            | 16732        | 0.06%          | 0.002%        |
| 36        | 5.030       | 5.024        | 5.044      | HH       | 630            | 6119         | 0.02%          | 0.001%        |

|    |       |       |       |    |            |         |        |        |  |
|----|-------|-------|-------|----|------------|---------|--------|--------|--|
|    |       |       |       |    | rteres.txt |         |        |        |  |
| 37 | 5.056 | 5.044 | 5.074 | HH | 634        | 8105    | 0.03%  | 0.001% |  |
| 38 | 5.085 | 5.074 | 5.100 | HH | 367        | 5781    | 0.02%  | 0.001% |  |
| 39 | 5.117 | 5.100 | 5.127 | HH | 482        | 6742    | 0.03%  | 0.001% |  |
| 40 | 5.142 | 5.127 | 5.157 | HH | 565        | 8630    | 0.03%  | 0.001% |  |
| 41 | 5.172 | 5.157 | 5.226 | HH | 808        | 20060   | 0.08%  | 0.002% |  |
| 42 | 5.239 | 5.226 | 5.286 | HH | 568        | 13370   | 0.05%  | 0.002% |  |
| 43 | 5.293 | 5.286 | 5.306 | HH | 364        | 4106    | 0.02%  | 0.000% |  |
| 44 | 5.316 | 5.306 | 5.332 | HH | 408        | 5003    | 0.02%  | 0.001% |  |
| 45 | 5.352 | 5.332 | 5.364 | HH | 995        | 13384   | 0.05%  | 0.002% |  |
| 46 | 5.386 | 5.364 | 5.432 | HH | 930        | 28265   | 0.11%  | 0.003% |  |
| 47 | 5.450 | 5.432 | 5.509 | HH | 590        | 20510   | 0.08%  | 0.002% |  |
| 48 | 5.533 | 5.509 | 5.568 | HH | 923        | 19494   | 0.08%  | 0.002% |  |
| 49 | 5.578 | 5.568 | 5.588 | HH | 481        | 5570    | 0.02%  | 0.001% |  |
| 50 | 5.613 | 5.588 | 5.639 | HH | 1540       | 34672   | 0.13%  | 0.004% |  |
| 51 | 5.651 | 5.639 | 5.709 | HH | 2022       | 55197   | 0.21%  | 0.006% |  |
| 52 | 5.719 | 5.709 | 5.742 | HH | 874        | 14671   | 0.06%  | 0.002% |  |
| 53 | 5.762 | 5.742 | 5.774 | HH | 783        | 12995   | 0.05%  | 0.001% |  |
| 54 | 5.805 | 5.774 | 5.823 | HH | 793        | 21048   | 0.08%  | 0.002% |  |
| 55 | 5.861 | 5.823 | 5.870 | HH | 892        | 22060   | 0.09%  | 0.003% |  |
| 56 | 5.894 | 5.870 | 5.931 | HH | 17114      | 201729  | 0.78%  | 0.023% |  |
| 57 | 5.943 | 5.931 | 5.969 | HH | 1479       | 25366   | 0.10%  | 0.003% |  |
| 58 | 5.991 | 5.969 | 6.016 | HH | 1118       | 25085   | 0.10%  | 0.003% |  |
| 59 | 6.056 | 6.016 | 6.099 | HH | 1160       | 43959   | 0.17%  | 0.005% |  |
| 60 | 6.118 | 6.099 | 6.125 | HH | 889        | 12563   | 0.05%  | 0.001% |  |
| 61 | 6.134 | 6.125 | 6.157 | HH | 886        | 16408   | 0.06%  | 0.002% |  |
| 62 | 6.176 | 6.157 | 6.212 | HH | 1144       | 30533   | 0.12%  | 0.004% |  |
| 63 | 6.253 | 6.212 | 6.291 | HH | 1195       | 44280   | 0.17%  | 0.005% |  |
| 64 | 6.303 | 6.291 | 6.313 | HH | 999        | 12246   | 0.05%  | 0.001% |  |
| 65 | 6.333 | 6.313 | 6.391 | HH | 2166       | 53511   | 0.21%  | 0.006% |  |
| 66 | 6.397 | 6.391 | 6.405 | HH | 750        | 6099    | 0.02%  | 0.001% |  |
| 67 | 6.418 | 6.405 | 6.434 | HH | 836        | 13094   | 0.05%  | 0.002% |  |
| 68 | 6.445 | 6.434 | 6.464 | HH | 993        | 14849   | 0.06%  | 0.002% |  |
| 69 | 6.481 | 6.464 | 6.499 | HH | 1465       | 21390   | 0.08%  | 0.002% |  |
| 70 | 6.519 | 6.499 | 6.564 | HH | 1104       | 32139   | 0.12%  | 0.004% |  |
| 71 | 6.606 | 6.564 | 6.623 | HH | 1141       | 28210   | 0.11%  | 0.003% |  |
| 72 | 6.648 | 6.623 | 6.703 | HH | 1551       | 50606   | 0.20%  | 0.006% |  |
| 73 | 6.727 | 6.703 | 6.752 | HH | 1789       | 36107   | 0.14%  | 0.004% |  |
| 74 | 6.755 | 6.752 | 6.771 | HH | 965        | 10534   | 0.04%  | 0.001% |  |
| 75 | 6.787 | 6.771 | 6.806 | HH | 950        | 18640   | 0.07%  | 0.002% |  |
| 76 | 6.852 | 6.806 | 6.870 | HH | 1770       | 46431   | 0.18%  | 0.005% |  |
| 77 | 6.889 | 6.870 | 6.913 | HH | 1675       | 33770   | 0.13%  | 0.004% |  |
| 78 | 6.947 | 6.913 | 6.979 | HH | 20496      | 247418  | 0.96%  | 0.028% |  |
| 79 | 6.988 | 6.979 | 7.014 | HH | 1983       | 33834   | 0.13%  | 0.004% |  |
| 80 | 7.033 | 7.014 | 7.059 | HH | 2522       | 49539   | 0.19%  | 0.006% |  |
| 81 | 7.081 | 7.059 | 7.109 | HH | 20155      | 225319  | 0.87%  | 0.026% |  |
| 82 | 7.127 | 7.109 | 7.141 | HH | 1718       | 29951   | 0.12%  | 0.003% |  |
| 83 | 7.150 | 7.141 | 7.180 | HH | 1646       | 34133   | 0.13%  | 0.004% |  |
| 84 | 7.253 | 7.180 | 7.282 | HH | 3541       | 104805  | 0.41%  | 0.012% |  |
| 85 | 7.315 | 7.282 | 7.354 | HH | 1602       | 57511   | 0.22%  | 0.007% |  |
| 86 | 7.381 | 7.354 | 7.399 | HH | 1338       | 32352   | 0.13%  | 0.004% |  |
| 87 | 7.423 | 7.399 | 7.455 | HH | 2109       | 51842   | 0.20%  | 0.006% |  |
| 88 | 7.476 | 7.455 | 7.492 | HH | 1476       | 30444   | 0.12%  | 0.004% |  |
| 89 | 7.559 | 7.492 | 7.641 | HH | 434071     | 4510011 | 17.48% | 0.519% |  |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 7.669  | 7.641  | 7.749  | HH | 8483   | 220577  | 0.85%  | 0.025% |
| 91         | 7.769  | 7.749  | 7.791  | HH | 2707   | 53696   | 0.21%  | 0.006% |
| 92         | 7.825  | 7.791  | 7.864  | HH | 7094   | 161529  | 0.63%  | 0.019% |
| 93         | 7.872  | 7.864  | 7.886  | HH | 3044   | 36775   | 0.14%  | 0.004% |
| 94         | 7.935  | 7.886  | 7.981  | HH | 12335  | 325824  | 1.26%  | 0.038% |
| 95         | 7.996  | 7.981  | 8.009  | HH | 2997   | 46261   | 0.18%  | 0.005% |
| 96         | 8.040  | 8.009  | 8.055  | HH | 26566  | 332685  | 1.29%  | 0.038% |
| 97         | 8.067  | 8.055  | 8.086  | HH | 16365  | 196082  | 0.76%  | 0.023% |
| 98         | 8.095  | 8.086  | 8.107  | HH | 5705   | 67057   | 0.26%  | 0.008% |
| 99         | 8.120  | 8.107  | 8.145  | HH | 6748   | 105227  | 0.41%  | 0.012% |
| 100        | 8.177  | 8.145  | 8.201  | HH | 19597  | 330602  | 1.28%  | 0.038% |
| 101        | 8.222  | 8.201  | 8.261  | HH | 33695  | 527439  | 2.04%  | 0.061% |
| 102        | 8.274  | 8.261  | 8.292  | HH | 5236   | 85411   | 0.33%  | 0.010% |
| 103        | 8.311  | 8.292  | 8.349  | HH | 7878   | 151902  | 0.59%  | 0.017% |
| 104        | 8.360  | 8.349  | 8.389  | HH | 3430   | 71287   | 0.28%  | 0.008% |
| 105        | 8.419  | 8.389  | 8.455  | HH | 292483 | 3104453 | 12.03% | 0.357% |
| 106        | 8.466  | 8.455  | 8.491  | HH | 6967   | 122096  | 0.47%  | 0.014% |
| 107        | 8.516  | 8.491  | 8.545  | HH | 72095  | 830521  | 3.22%  | 0.096% |
| 108        | 8.564  | 8.545  | 8.593  | HH | 10247  | 181970  | 0.71%  | 0.021% |
| 109        | 8.632  | 8.593  | 8.644  | HH | 6734   | 149934  | 0.58%  | 0.017% |
| 110        | 8.655  | 8.644  | 8.692  | HH | 6559   | 139684  | 0.54%  | 0.016% |
| 111        | 8.707  | 8.692  | 8.722  | HH | 4530   | 70417   | 0.27%  | 0.008% |
| 112        | 8.757  | 8.722  | 8.769  | HH | 12548  | 204948  | 0.79%  | 0.024% |
| 113        | 8.788  | 8.769  | 8.815  | HH | 46544  | 576485  | 2.23%  | 0.066% |
| 114        | 8.828  | 8.815  | 8.844  | HH | 6725   | 101541  | 0.39%  | 0.012% |
| 115        | 8.853  | 8.844  | 8.864  | HH | 5293   | 61691   | 0.24%  | 0.007% |
| 116        | 8.879  | 8.864  | 8.906  | HH | 6321   | 125936  | 0.49%  | 0.014% |
| 117        | 8.932  | 8.906  | 8.952  | HH | 13173  | 268816  | 1.04%  | 0.031% |
| 118        | 8.965  | 8.952  | 9.006  | HH | 15084  | 240743  | 0.93%  | 0.028% |
| 119        | 9.026  | 9.006  | 9.051  | HH | 4471   | 101688  | 0.39%  | 0.012% |
| 120        | 9.080  | 9.051  | 9.097  | HH | 14265  | 213488  | 0.83%  | 0.025% |
| 121        | 9.112  | 9.097  | 9.147  | HH | 12582  | 219912  | 0.85%  | 0.025% |
| 122        | 9.162  | 9.147  | 9.181  | HH | 6417   | 104111  | 0.40%  | 0.012% |
| 123        | 9.215  | 9.181  | 9.238  | HH | 13515  | 262657  | 1.02%  | 0.030% |
| 124        | 9.256  | 9.238  | 9.270  | HH | 6939   | 108742  | 0.42%  | 0.013% |
| 125        | 9.297  | 9.270  | 9.350  | HH | 109617 | 1418373 | 5.50%  | 0.163% |
| 126        | 9.376  | 9.350  | 9.392  | HH | 15731  | 245041  | 0.95%  | 0.028% |
| 127        | 9.446  | 9.392  | 9.466  | HH | 26786  | 613907  | 2.38%  | 0.071% |
| 128        | 9.476  | 9.466  | 9.488  | HH | 10182  | 114488  | 0.44%  | 0.013% |
| 129        | 9.506  | 9.488  | 9.531  | HH | 16416  | 264131  | 1.02%  | 0.030% |
| 130        | 9.556  | 9.531  | 9.586  | HH | 10293  | 234896  | 0.91%  | 0.027% |
| 131        | 9.618  | 9.586  | 9.647  | HH | 30369  | 492024  | 1.91%  | 0.057% |
| 132        | 9.670  | 9.647  | 9.687  | HH | 8070   | 167056  | 0.65%  | 0.019% |
| 133        | 9.717  | 9.687  | 9.760  | HH | 47657  | 807552  | 3.13%  | 0.093% |
| 134        | 9.779  | 9.760  | 9.798  | HH | 10864  | 177104  | 0.69%  | 0.020% |
| 135        | 9.815  | 9.798  | 9.852  | HH | 7242   | 183148  | 0.71%  | 0.021% |
| 136        | 9.882  | 9.852  | 9.932  | HH | 7868   | 272300  | 1.06%  | 0.031% |
| 137        | 9.946  | 9.932  | 9.955  | HH | 4479   | 60330   | 0.23%  | 0.007% |
| 138        | 9.984  | 9.955  | 10.011 | HH | 5567   | 162387  | 0.63%  | 0.019% |
| 139        | 10.040 | 10.011 | 10.052 | HH | 9476   | 170639  | 0.66%  | 0.020% |
| 140        | 10.066 | 10.052 | 10.082 | HH | 11799  | 166250  | 0.64%  | 0.019% |
| 141        | 10.106 | 10.082 | 10.126 | HH | 9816   | 216713  | 0.84%  | 0.025% |

|     |        |        |        |    | rteres.txt |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
| 142 | 10.176 | 10.126 | 10.198 | HH | 34248      | 704023   | 2.73%  | 0.081% |
| 143 | 10.215 | 10.198 | 10.261 | HH | 20288      | 420115   | 1.63%  | 0.048% |
| 144 | 10.293 | 10.261 | 10.326 | HH | 25735      | 554181   | 2.15%  | 0.064% |
| 145 | 10.344 | 10.326 | 10.402 | HH | 25835      | 650771   | 2.52%  | 0.075% |
| 146 | 10.460 | 10.402 | 10.476 | HH | 32494      | 747900   | 2.90%  | 0.086% |
| 147 | 10.496 | 10.476 | 10.542 | HH | 45794      | 934835   | 3.62%  | 0.108% |
| 148 | 10.567 | 10.542 | 10.578 | HH | 11548      | 227131   | 0.88%  | 0.026% |
| 149 | 10.596 | 10.578 | 10.616 | HH | 20938      | 339766   | 1.32%  | 0.039% |
| 150 | 10.628 | 10.616 | 10.645 | HH | 11650      | 188300   | 0.73%  | 0.022% |
| 151 | 10.699 | 10.645 | 10.742 | HH | 729439     | 8623783  | 33.43% | 0.993% |
| 152 | 10.769 | 10.742 | 10.814 | HH | 263543     | 3227523  | 12.51% | 0.371% |
| 153 | 10.825 | 10.814 | 10.832 | HH | 11750      | 120624   | 0.47%  | 0.014% |
| 154 | 10.856 | 10.832 | 10.891 | HH | 33360      | 631316   | 2.45%  | 0.073% |
| 155 | 10.906 | 10.891 | 10.920 | HH | 10354      | 167233   | 0.65%  | 0.019% |
| 156 | 10.939 | 10.920 | 10.958 | HH | 12869      | 248728   | 0.96%  | 0.029% |
| 157 | 10.983 | 10.958 | 11.024 | HH | 36921      | 710904   | 2.76%  | 0.082% |
| 158 | 11.049 | 11.024 | 11.068 | HH | 11699      | 276137   | 1.07%  | 0.032% |
| 159 | 11.096 | 11.068 | 11.134 | HH | 15669      | 519830   | 2.01%  | 0.060% |
| 160 | 11.155 | 11.134 | 11.174 | HH | 30799      | 492553   | 1.91%  | 0.057% |
| 161 | 11.230 | 11.174 | 11.266 | HH | 31478      | 1106273  | 4.29%  | 0.127% |
| 162 | 11.294 | 11.266 | 11.317 | HH | 24038      | 507039   | 1.97%  | 0.058% |
| 163 | 11.344 | 11.317 | 11.366 | HH | 22901      | 462627   | 1.79%  | 0.053% |
| 164 | 11.384 | 11.366 | 11.407 | HH | 17817      | 344549   | 1.34%  | 0.040% |
| 165 | 11.465 | 11.407 | 11.482 | HH | 252082     | 3234808  | 12.54% | 0.372% |
| 166 | 11.495 | 11.482 | 11.510 | HH | 100063     | 1169669  | 4.53%  | 0.135% |
| 167 | 11.526 | 11.510 | 11.566 | HH | 131488     | 1806738  | 7.00%  | 0.208% |
| 168 | 11.608 | 11.566 | 11.628 | HH | 155003     | 2710830  | 10.51% | 0.312% |
| 169 | 11.642 | 11.628 | 11.655 | HH | 65736      | 835658   | 3.24%  | 0.096% |
| 170 | 11.672 | 11.655 | 11.704 | HH | 95111      | 1387430  | 5.38%  | 0.160% |
| 171 | 11.717 | 11.704 | 11.731 | HH | 14440      | 220946   | 0.86%  | 0.025% |
| 172 | 11.754 | 11.731 | 11.775 | HH | 19510      | 403892   | 1.57%  | 0.046% |
| 173 | 11.822 | 11.775 | 11.835 | HH | 24019      | 624604   | 2.42%  | 0.072% |
| 174 | 11.854 | 11.835 | 11.862 | HH | 41403      | 521691   | 2.02%  | 0.060% |
| 175 | 11.876 | 11.862 | 11.915 | HH | 55416      | 979520   | 3.80%  | 0.113% |
| 176 | 11.926 | 11.915 | 11.941 | HH | 15912      | 235213   | 0.91%  | 0.027% |
| 177 | 11.965 | 11.941 | 12.006 | HH | 76367      | 1313315  | 5.09%  | 0.151% |
| 178 | 12.020 | 12.006 | 12.054 | HH | 20856      | 503150   | 1.95%  | 0.058% |
| 179 | 12.067 | 12.054 | 12.082 | HH | 15385      | 248531   | 0.96%  | 0.029% |
| 180 | 12.109 | 12.082 | 12.129 | HH | 22084      | 497830   | 1.93%  | 0.057% |
| 181 | 12.141 | 12.129 | 12.157 | HH | 17488      | 279063   | 1.08%  | 0.032% |
| 182 | 12.168 | 12.157 | 12.182 | HH | 17173      | 244161   | 0.95%  | 0.028% |
| 183 | 12.213 | 12.182 | 12.224 | HH | 25640      | 528844   | 2.05%  | 0.061% |
| 184 | 12.237 | 12.224 | 12.262 | HH | 28195      | 501328   | 1.94%  | 0.058% |
| 185 | 12.284 | 12.262 | 12.320 | HH | 42311      | 982951   | 3.81%  | 0.113% |
| 186 | 12.345 | 12.320 | 12.374 | HH | 61243      | 1195506  | 4.63%  | 0.138% |
| 187 | 12.395 | 12.374 | 12.415 | HH | 75070      | 1195009  | 4.63%  | 0.138% |
| 188 | 12.433 | 12.415 | 12.446 | HH | 42432      | 684782   | 2.65%  | 0.079% |
| 189 | 12.463 | 12.446 | 12.481 | HH | 48975      | 835285   | 3.24%  | 0.096% |
| 190 | 12.522 | 12.481 | 12.552 | HH | 1224930    | 15662804 | 60.71% | 1.803% |
| 191 | 12.570 | 12.552 | 12.590 | HH | 29460      | 515117   | 2.00%  | 0.059% |
| 192 | 12.604 | 12.590 | 12.621 | HH | 20070      | 337208   | 1.31%  | 0.039% |
| 193 | 12.642 | 12.621 | 12.655 | HH | 33657      | 561987   | 2.18%  | 0.065% |
| 194 | 12.691 | 12.655 | 12.710 | HH | 56330      | 1373021  | 5.32%  | 0.158% |

|     |        |        |        |    |            |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt |          |        |        |
| 195 | 12.727 | 12.710 | 12.779 | HH | 43249      | 1295121  | 5.02%  | 0.149% |
| 196 | 12.817 | 12.779 | 12.841 | HH | 976291     | 12774741 | 49.51% | 1.470% |
| 197 | 12.863 | 12.841 | 12.873 | HH | 118458     | 1513279  | 5.87%  | 0.174% |
| 198 | 12.897 | 12.873 | 12.928 | HH | 330502     | 6236555  | 24.17% | 0.718% |
| 199 | 12.947 | 12.928 | 12.965 | HH | 109627     | 1494322  | 5.79%  | 0.172% |
| 200 | 12.980 | 12.965 | 12.992 | HH | 64820      | 888362   | 3.44%  | 0.102% |
| 201 | 13.003 | 12.992 | 13.035 | HH | 54027      | 927952   | 3.60%  | 0.107% |
| 202 | 13.072 | 13.035 | 13.099 | HH | 90085      | 1628455  | 6.31%  | 0.187% |
| 203 | 13.129 | 13.099 | 13.171 | HH | 47889      | 1533201  | 5.94%  | 0.176% |
| 204 | 13.202 | 13.171 | 13.237 | HH | 61633      | 1432454  | 5.55%  | 0.165% |
| 205 | 13.265 | 13.237 | 13.296 | HH | 101152     | 1936094  | 7.50%  | 0.223% |
| 206 | 13.305 | 13.296 | 13.336 | HH | 25696      | 577902   | 2.24%  | 0.067% |
| 207 | 13.396 | 13.336 | 13.434 | HH | 233683     | 4651323  | 18.03% | 0.535% |
| 208 | 13.464 | 13.434 | 13.478 | HH | 40831      | 880362   | 3.41%  | 0.101% |
| 209 | 13.503 | 13.478 | 13.524 | HH | 160688     | 2470129  | 9.57%  | 0.284% |
| 210 | 13.541 | 13.524 | 13.564 | HH | 118519     | 1747826  | 6.77%  | 0.201% |
| 211 | 13.579 | 13.564 | 13.597 | HH | 43178      | 761233   | 2.95%  | 0.088% |
| 212 | 13.668 | 13.597 | 13.690 | HH | 108456     | 3474707  | 13.47% | 0.400% |
| 213 | 13.710 | 13.690 | 13.749 | HH | 97561      | 1968725  | 7.63%  | 0.227% |
| 214 | 13.784 | 13.749 | 13.806 | HH | 52677      | 1377118  | 5.34%  | 0.159% |
| 215 | 13.822 | 13.806 | 13.862 | HH | 39914      | 1193446  | 4.63%  | 0.137% |
| 216 | 13.892 | 13.862 | 13.907 | HH | 38295      | 974551   | 3.78%  | 0.112% |
| 217 | 13.920 | 13.907 | 13.961 | HH | 36903      | 1079708  | 4.18%  | 0.124% |
| 218 | 13.976 | 13.961 | 14.001 | HH | 33685      | 748864   | 2.90%  | 0.086% |
| 219 | 14.032 | 14.001 | 14.042 | HH | 31233      | 753844   | 2.92%  | 0.087% |
| 220 | 14.092 | 14.042 | 14.109 | HH | 69191      | 1929782  | 7.48%  | 0.222% |
| 221 | 14.127 | 14.109 | 14.165 | HH | 102157     | 2135364  | 8.28%  | 0.246% |
| 222 | 14.227 | 14.165 | 14.264 | HH | 63944      | 2807591  | 10.88% | 0.323% |
| 223 | 14.304 | 14.264 | 14.326 | HH | 114261     | 2554216  | 9.90%  | 0.294% |
| 224 | 14.369 | 14.326 | 14.391 | HH | 207561     | 3813758  | 14.78% | 0.439% |
| 225 | 14.431 | 14.391 | 14.467 | HH | 123576     | 3372339  | 13.07% | 0.388% |
| 226 | 14.496 | 14.467 | 14.509 | HH | 48107      | 1095324  | 4.25%  | 0.126% |
| 227 | 14.551 | 14.509 | 14.601 | HH | 69100      | 2765893  | 10.72% | 0.318% |
| 228 | 14.635 | 14.601 | 14.652 | HH | 68511      | 1537532  | 5.96%  | 0.177% |
| 229 | 14.690 | 14.652 | 14.709 | HH | 590229     | 9450170  | 36.63% | 1.088% |
| 230 | 14.732 | 14.709 | 14.757 | HH | 596442     | 8355651  | 32.39% | 0.962% |
| 231 | 14.771 | 14.757 | 14.798 | HH | 56137      | 1191856  | 4.62%  | 0.137% |
| 232 | 14.845 | 14.798 | 14.897 | HH | 218623     | 5226914  | 20.26% | 0.602% |
| 233 | 14.920 | 14.897 | 14.956 | HH | 78045      | 2088274  | 8.09%  | 0.240% |
| 234 | 14.985 | 14.956 | 15.003 | HH | 85612      | 1880492  | 7.29%  | 0.216% |
| 235 | 15.021 | 15.003 | 15.077 | HH | 87827      | 3080458  | 11.94% | 0.355% |
| 236 | 15.124 | 15.077 | 15.152 | HH | 79033      | 2807566  | 10.88% | 0.323% |
| 237 | 15.166 | 15.152 | 15.194 | HH | 64999      | 1463656  | 5.67%  | 0.168% |
| 238 | 15.218 | 15.194 | 15.232 | HH | 60322      | 1291602  | 5.01%  | 0.149% |
| 239 | 15.267 | 15.232 | 15.282 | HH | 64727      | 1845422  | 7.15%  | 0.212% |
| 240 | 15.311 | 15.282 | 15.331 | HH | 78089      | 2043096  | 7.92%  | 0.235% |
| 241 | 15.354 | 15.331 | 15.375 | HH | 179958     | 3330511  | 12.91% | 0.383% |
| 242 | 15.391 | 15.375 | 15.414 | HH | 118001     | 2124319  | 8.23%  | 0.245% |
| 243 | 15.436 | 15.414 | 15.456 | HH | 96307      | 1945312  | 7.54%  | 0.224% |
| 244 | 15.514 | 15.456 | 15.552 | HH | 151657     | 5593154  | 21.68% | 0.644% |
| 245 | 15.589 | 15.552 | 15.622 | HH | 91017      | 3009147  | 11.66% | 0.346% |
| 246 | 15.629 | 15.622 | 15.649 | HH | 62308      | 952044   | 3.69%  | 0.110% |

| rteres.txt |        |        |        |    |        |          |        |        |
|------------|--------|--------|--------|----|--------|----------|--------|--------|
| 247        | 15.676 | 15.649 | 15.697 | HH | 83403  | 1967876  | 7.63%  | 0.226% |
| 248        | 15.716 | 15.697 | 15.734 | HH | 68307  | 1400480  | 5.43%  | 0.161% |
| 249        | 15.778 | 15.734 | 15.812 | HH | 87396  | 3334130  | 12.92% | 0.384% |
| 250        | 15.819 | 15.812 | 15.826 | HH | 59192  | 497376   | 1.93%  | 0.057% |
| 251        | 15.849 | 15.826 | 15.867 | HH | 64997  | 1502436  | 5.82%  | 0.173% |
| 252        | 15.883 | 15.867 | 15.899 | HH | 64915  | 1201904  | 4.66%  | 0.138% |
| 253        | 15.912 | 15.899 | 15.927 | HH | 62322  | 1043467  | 4.04%  | 0.120% |
| 254        | 15.969 | 15.927 | 16.004 | HH | 86350  | 3518994  | 13.64% | 0.405% |
| 255        | 16.023 | 16.004 | 16.042 | HH | 94886  | 1909513  | 7.40%  | 0.220% |
| 256        | 16.061 | 16.042 | 16.092 | HH | 81099  | 2335458  | 9.05%  | 0.269% |
| 257        | 16.154 | 16.092 | 16.202 | HH | 101708 | 5654522  | 21.92% | 0.651% |
| 258        | 16.253 | 16.202 | 16.306 | HH | 636133 | 17070359 | 66.16% | 1.965% |
| 259        | 16.323 | 16.306 | 16.339 | HH | 83593  | 1629038  | 6.31%  | 0.187% |
| 260        | 16.372 | 16.339 | 16.393 | HH | 218899 | 4317538  | 16.73% | 0.497% |
| 261        | 16.407 | 16.393 | 16.436 | HH | 101531 | 2312859  | 8.96%  | 0.266% |
| 262        | 16.460 | 16.436 | 16.470 | HH | 85305  | 1728186  | 6.70%  | 0.199% |
| 263        | 16.491 | 16.470 | 16.509 | HH | 96836  | 2118244  | 8.21%  | 0.244% |
| 264        | 16.568 | 16.509 | 16.594 | HH | 407605 | 10686115 | 41.42% | 1.230% |
| 265        | 16.631 | 16.594 | 16.666 | HH | 571104 | 10824325 | 41.95% | 1.246% |
| 266        | 16.723 | 16.666 | 16.752 | HH | 245841 | 6793039  | 26.33% | 0.782% |
| 267        | 16.771 | 16.752 | 16.797 | HH | 121296 | 2930634  | 11.36% | 0.337% |
| 268        | 16.864 | 16.797 | 16.905 | HH | 134337 | 7400297  | 28.68% | 0.852% |
| 269        | 16.920 | 16.905 | 16.941 | HH | 112778 | 2255064  | 8.74%  | 0.260% |
| 270        | 16.985 | 16.941 | 17.017 | HH | 174605 | 6457293  | 25.03% | 0.743% |
| 271        | 17.022 | 17.017 | 17.057 | HH | 137104 | 2826036  | 10.95% | 0.325% |
| 272        | 17.083 | 17.057 | 17.092 | HH | 112948 | 2243820  | 8.70%  | 0.258% |
| 273        | 17.123 | 17.092 | 17.169 | HH | 141082 | 5839108  | 22.63% | 0.672% |
| 274        | 17.203 | 17.169 | 17.220 | HH | 138396 | 3759650  | 14.57% | 0.433% |
| 275        | 17.232 | 17.220 | 17.252 | HH | 129190 | 2355570  | 9.13%  | 0.271% |
| 276        | 17.276 | 17.252 | 17.302 | HH | 164553 | 4098328  | 15.88% | 0.472% |
| 277        | 17.319 | 17.302 | 17.356 | HH | 121928 | 3734632  | 14.48% | 0.430% |
| 278        | 17.391 | 17.356 | 17.419 | HH | 127683 | 4525210  | 17.54% | 0.521% |
| 279        | 17.427 | 17.419 | 17.438 | HH | 113840 | 1298636  | 5.03%  | 0.149% |
| 280        | 17.462 | 17.438 | 17.487 | HH | 120295 | 3352918  | 13.00% | 0.386% |
| 281        | 17.495 | 17.487 | 17.509 | HH | 115642 | 1487117  | 5.76%  | 0.171% |
| 282        | 17.578 | 17.509 | 17.587 | HH | 139120 | 5970027  | 23.14% | 0.687% |
| 283        | 17.611 | 17.587 | 17.639 | HH | 149826 | 4264328  | 16.53% | 0.491% |
| 284        | 17.676 | 17.639 | 17.692 | HH | 139140 | 4261942  | 16.52% | 0.491% |
| 285        | 17.711 | 17.692 | 17.728 | HH | 152278 | 3157010  | 12.24% | 0.363% |
| 286        | 17.760 | 17.728 | 17.817 | HH | 174398 | 8354890  | 32.38% | 0.962% |
| 287        | 17.850 | 17.817 | 17.867 | HH | 143903 | 4247677  | 16.46% | 0.489% |
| 288        | 17.898 | 17.867 | 17.961 | HH | 222046 | 9334547  | 36.18% | 1.074% |
| 289        | 17.999 | 17.961 | 18.020 | HH | 450413 | 9458509  | 36.66% | 1.089% |
| 290        | 18.035 | 18.020 | 18.059 | HH | 203376 | 4354603  | 16.88% | 0.501% |
| 291        | 18.075 | 18.059 | 18.096 | HH | 173018 | 3585904  | 13.90% | 0.413% |
| 292        | 18.123 | 18.096 | 18.141 | HH | 244290 | 5359918  | 20.77% | 0.617% |
| 293        | 18.155 | 18.141 | 18.217 | HH | 209673 | 8029599  | 31.12% | 0.924% |
| 294        | 18.253 | 18.217 | 18.286 | HH | 418152 | 9894486  | 38.35% | 1.139% |
| 295        | 18.330 | 18.286 | 18.351 | HH | 188572 | 6522488  | 25.28% | 0.751% |
| 296        | 18.378 | 18.351 | 18.421 | HH | 272904 | 7997095  | 31.00% | 0.920% |
| 297        | 18.443 | 18.421 | 18.455 | HH | 164423 | 3203157  | 12.42% | 0.369% |
| 298        | 18.470 | 18.455 | 18.489 | HH | 164457 | 3236283  | 12.54% | 0.372% |
| 299        | 18.499 | 18.489 | 18.516 | HH | 158785 | 2535040  | 9.83%  | 0.292% |

|     |        |        |        |    | rteres.txt |          |         |        |
|-----|--------|--------|--------|----|------------|----------|---------|--------|
| 300 | 18.543 | 18.516 | 18.572 | HH | 176831     | 5706357  | 22.12%  | 0.657% |
| 301 | 18.591 | 18.572 | 18.634 | HH | 176290     | 6321885  | 24.50%  | 0.728% |
| 302 | 18.677 | 18.634 | 18.697 | HH | 191253     | 6645318  | 25.76%  | 0.765% |
| 303 | 18.717 | 18.697 | 18.737 | HH | 179946     | 4193269  | 16.25%  | 0.483% |
| 304 | 18.757 | 18.737 | 18.779 | HH | 192738     | 4455423  | 17.27%  | 0.513% |
| 305 | 18.787 | 18.779 | 18.796 | HH | 168647     | 1665573  | 6.46%   | 0.192% |
| 306 | 18.817 | 18.796 | 18.829 | HH | 184862     | 3544200  | 13.74%  | 0.408% |
| 307 | 18.844 | 18.829 | 18.899 | HH | 186034     | 7587797  | 29.41%  | 0.873% |
| 308 | 18.920 | 18.899 | 18.977 | HH | 204674     | 8715621  | 33.78%  | 1.003% |
| 309 | 18.991 | 18.977 | 19.008 | HH | 174052     | 3199710  | 12.40%  | 0.368% |
| 310 | 19.052 | 19.008 | 19.062 | HH | 179786     | 5659999  | 21.94%  | 0.651% |
| 311 | 19.097 | 19.062 | 19.136 | HH | 187505     | 7941800  | 30.78%  | 0.914% |
| 312 | 19.140 | 19.136 | 19.149 | HH | 180189     | 1431237  | 5.55%   | 0.165% |
| 313 | 19.164 | 19.149 | 19.186 | HH | 186585     | 4035547  | 15.64%  | 0.464% |
| 314 | 19.200 | 19.186 | 19.219 | HH | 189389     | 3716289  | 14.40%  | 0.428% |
| 315 | 19.233 | 19.219 | 19.242 | HH | 193781     | 2686337  | 10.41%  | 0.309% |
| 316 | 19.253 | 19.242 | 19.289 | HH | 199549     | 5367321  | 20.80%  | 0.618% |
| 317 | 19.339 | 19.289 | 19.367 | HH | 210945     | 9116422  | 35.33%  | 1.049% |
| 318 | 19.404 | 19.367 | 19.429 | HH | 282558     | 8947134  | 34.68%  | 1.030% |
| 319 | 19.472 | 19.429 | 19.501 | HH | 317532     | 10986344 | 42.58%  | 1.264% |
| 320 | 19.516 | 19.501 | 19.524 | HH | 236604     | 3339932  | 12.95%  | 0.384% |
| 321 | 19.536 | 19.524 | 19.552 | HH | 239270     | 3923687  | 15.21%  | 0.452% |
| 322 | 19.561 | 19.552 | 19.585 | HH | 236653     | 4503493  | 17.46%  | 0.518% |
| 323 | 19.599 | 19.585 | 19.625 | HH | 227274     | 5221909  | 20.24%  | 0.601% |
| 324 | 19.639 | 19.625 | 19.651 | HH | 212737     | 3245543  | 12.58%  | 0.374% |
| 325 | 19.656 | 19.651 | 19.665 | HH | 212669     | 1818545  | 7.05%   | 0.209% |
| 326 | 19.685 | 19.665 | 19.703 | HH | 230991     | 5052247  | 19.58%  | 0.581% |
| 327 | 19.717 | 19.703 | 19.729 | HH | 220957     | 3309301  | 12.83%  | 0.381% |
| 328 | 19.783 | 19.729 | 19.814 | HH | 330844     | 13503619 | 52.34%  | 1.554% |
| 329 | 19.849 | 19.814 | 19.892 | HH | 269712     | 11344353 | 43.97%  | 1.306% |
| 330 | 19.925 | 19.892 | 19.958 | HH | 254132     | 9347107  | 36.23%  | 1.076% |
| 331 | 19.979 | 19.958 | 20.000 | HH | 246813     | 5893036  | 22.84%  | 0.678% |
| 332 | 20.040 | 20.000 | 20.072 | HH | 242116     | 10115610 | 39.21%  | 1.164% |
| 333 | 20.086 | 20.072 | 20.111 | HH | 233392     | 5354472  | 20.75%  | 0.616% |
| 334 | 20.133 | 20.111 | 20.157 | HH | 239646     | 6464733  | 25.06%  | 0.744% |
| 335 | 20.204 | 20.157 | 20.227 | HH | 247977     | 10022707 | 38.85%  | 1.154% |
| 336 | 20.262 | 20.227 | 20.307 | HH | 253452     | 11804892 | 45.75%  | 1.359% |
| 337 | 20.327 | 20.307 | 20.372 | HH | 259075     | 9488371  | 36.78%  | 1.092% |
| 338 | 20.381 | 20.372 | 20.392 | HH | 233538     | 2757736  | 10.69%  | 0.317% |
| 339 | 20.425 | 20.392 | 20.451 | HH | 242947     | 8321612  | 32.25%  | 0.958% |
| 340 | 20.476 | 20.451 | 20.501 | HH | 246787     | 7227353  | 28.01%  | 0.832% |
| 341 | 20.512 | 20.501 | 20.527 | HH | 252090     | 3949738  | 15.31%  | 0.455% |
| 342 | 20.544 | 20.527 | 20.669 | HH | 253559     | 20072841 | 77.80%  | 2.310% |
| 343 | 20.681 | 20.669 | 20.701 | HH | 223580     | 4192928  | 16.25%  | 0.483% |
| 344 | 20.712 | 20.701 | 20.726 | HH | 221037     | 3263303  | 12.65%  | 0.376% |
| 345 | 20.763 | 20.726 | 20.773 | HH | 231382     | 6314709  | 24.48%  | 0.727% |
| 346 | 20.788 | 20.773 | 20.812 | HH | 235194     | 5455472  | 21.14%  | 0.628% |
| 347 | 20.867 | 20.812 | 20.936 | HH | 241105     | 16836451 | 65.26%  | 1.938% |
| 348 | 20.941 | 20.936 | 21.010 | HH | 216455     | 9485838  | 36.77%  | 1.092% |
| 349 | 21.055 | 21.010 | 21.067 | HH | 224085     | 7528638  | 29.18%  | 0.867% |
| 350 | 21.110 | 21.067 | 21.264 | HH | 238640     | 25800388 | 100.00% | 2.970% |
| 351 | 21.270 | 21.264 | 21.281 | HH | 198697     | 1959734  | 7.60%   | 0.226% |

| rteres.txt              |        |        |        |    |        |           |        |        |
|-------------------------|--------|--------|--------|----|--------|-----------|--------|--------|
| 352                     | 21.295 | 21.281 | 21.326 | HH | 199059 | 5252880   | 20.36% | 0.605% |
| 353                     | 21.351 | 21.326 | 21.367 | HH | 201036 | 4900266   | 18.99% | 0.564% |
| 354                     | 21.424 | 21.367 | 21.472 | HH | 219100 | 13155842  | 50.99% | 1.514% |
| 355                     | 21.504 | 21.472 | 21.539 | HH | 217417 | 8428991   | 32.67% | 0.970% |
| 356                     | 21.555 | 21.539 | 21.615 | HH | 203136 | 8952436   | 34.70% | 1.030% |
| 357                     | 21.643 | 21.615 | 21.692 | HH | 194755 | 8769983   | 33.99% | 1.009% |
| Sum of corrected areas: |        |        |        |    |        | 868839371 |        |        |

Alaphatic EPH 052418.M Thu Jun 21 12:18:36 2018