

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071818AL\  
 Data File : FC035471.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Jul 2018 5:24  
 Sample : J4030-05  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.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         | 3.231       | 3.202        | 3.304      | BH       | 432            | 10407        | 0.07%          | 0.001%        |
| 2         | 3.355       | 3.304        | 3.369      | PH       | 190            | 3968         | 0.03%          | 0.000%        |
| 3         | 3.379       | 3.369        | 3.399      | HH       | 219            | 2542         | 0.02%          | 0.000%        |
| 4         | 3.419       | 3.399        | 3.479      | HH       | 216            | 5962         | 0.04%          | 0.001%        |
| 5         | 3.497       | 3.479        | 3.549      | HH       | 386            | 7510         | 0.05%          | 0.001%        |
| 6         | 3.570       | 3.549        | 3.584      | HH       | 226            | 2192         | 0.02%          | 0.000%        |
| 7         | 3.606       | 3.584        | 3.627      | HH       | 375            | 5689         | 0.04%          | 0.001%        |
| 8         | 3.639       | 3.627        | 3.652      | HH       | 313            | 3172         | 0.02%          | 0.000%        |
| 9         | 3.676       | 3.652        | 3.696      | HH       | 423            | 6338         | 0.05%          | 0.001%        |
| 10        | 3.726       | 3.696        | 3.757      | HH       | 381            | 8065         | 0.06%          | 0.001%        |
| 11        | 3.771       | 3.757        | 3.788      | HH       | 331            | 3197         | 0.02%          | 0.000%        |
| 12        | 3.813       | 3.788        | 3.848      | PH       | 337            | 4984         | 0.04%          | 0.001%        |
| 13        | 3.902       | 3.867        | 3.916      | PH       | 482            | 6222         | 0.04%          | 0.001%        |
| 14        | 3.932       | 3.916        | 3.975      | HH       | 323            | 6745         | 0.05%          | 0.001%        |
| 15        | 3.996       | 3.975        | 4.024      | HH       | 298            | 2833         | 0.02%          | 0.000%        |
| 16        | 4.063       | 4.024        | 4.087      | PH       | 392            | 6926         | 0.05%          | 0.001%        |
| 17        | 4.103       | 4.087        | 4.145      | HH       | 391            | 7397         | 0.05%          | 0.001%        |
| 18        | 4.160       | 4.145        | 4.199      | HH       | 419            | 5988         | 0.04%          | 0.001%        |
| 19        | 4.225       | 4.199        | 4.240      | HH       | 429            | 6418         | 0.05%          | 0.001%        |
| 20        | 4.253       | 4.240        | 4.279      | HH       | 197            | 3453         | 0.02%          | 0.000%        |
| 21        | 4.302       | 4.279        | 4.324      | HH       | 1282           | 14551        | 0.10%          | 0.002%        |
| 22        | 4.340       | 4.324        | 4.359      | HH       | 286            | 3963         | 0.03%          | 0.000%        |
| 23        | 4.380       | 4.359        | 4.391      | HH       | 222            | 3520         | 0.03%          | 0.000%        |
| 24        | 4.416       | 4.391        | 4.434      | HH       | 550            | 8263         | 0.06%          | 0.001%        |
| 25        | 4.460       | 4.434        | 4.481      | HH       | 577            | 8839         | 0.06%          | 0.001%        |
| 26        | 4.500       | 4.481        | 4.515      | HH       | 361            | 5850         | 0.04%          | 0.001%        |
| 27        | 4.524       | 4.515        | 4.542      | HH       | 326            | 3701         | 0.03%          | 0.000%        |
| 28        | 4.556       | 4.542        | 4.576      | HH       | 619            | 6696         | 0.05%          | 0.001%        |
| 29        | 4.582       | 4.576        | 4.637      | HH       | 335            | 7175         | 0.05%          | 0.001%        |
| 30        | 4.649       | 4.637        | 4.664      | HH       | 261            | 2080         | 0.01%          | 0.000%        |
| 31        | 4.679       | 4.664        | 4.694      | HH       | 186            | 2643         | 0.02%          | 0.000%        |
| 32        | 4.714       | 4.694        | 4.742      | HH       | 217            | 4643         | 0.03%          | 0.001%        |
| 33        | 4.748       | 4.742        | 4.757      | HH       | 269            | 1162         | 0.01%          | 0.000%        |
| 34        | 4.771       | 4.757        | 4.789      | HH       | 363            | 3408         | 0.02%          | 0.000%        |
| 35        | 4.811       | 4.789        | 4.841      | PH       | 156            | 2644         | 0.02%          | 0.000%        |
| 36        | 4.856       | 4.841        | 4.882      | HH       | 326            | 3981         | 0.03%          | 0.000%        |

|    |       |       |       |    |            |        |       |        |  |
|----|-------|-------|-------|----|------------|--------|-------|--------|--|
|    |       |       |       |    | rteres.txt |        |       |        |  |
| 37 | 4.899 | 4.882 | 4.913 | HH | 377        | 4261   | 0.03% | 0.000% |  |
| 38 | 4.935 | 4.913 | 4.963 | HH | 2228       | 26049  | 0.19% | 0.003% |  |
| 39 | 4.989 | 4.963 | 5.028 | PH | 2001       | 28488  | 0.20% | 0.003% |  |
| 40 | 5.045 | 5.028 | 5.057 | HH | 438        | 5298   | 0.04% | 0.001% |  |
| 41 | 5.065 | 5.057 | 5.086 | HH | 480        | 4508   | 0.03% | 0.001% |  |
| 42 | 5.100 | 5.086 | 5.111 | HH | 266        | 3192   | 0.02% | 0.000% |  |
| 43 | 5.127 | 5.111 | 5.149 | HH | 971        | 11982  | 0.09% | 0.001% |  |
| 44 | 5.166 | 5.149 | 5.209 | HH | 883        | 14899  | 0.11% | 0.002% |  |
| 45 | 5.254 | 5.209 | 5.290 | HH | 2159       | 35655  | 0.26% | 0.004% |  |
| 46 | 5.302 | 5.290 | 5.319 | HH | 640        | 7810   | 0.06% | 0.001% |  |
| 47 | 5.338 | 5.319 | 5.353 | HH | 1529       | 18813  | 0.14% | 0.002% |  |
| 48 | 5.378 | 5.353 | 5.401 | HH | 1551       | 26038  | 0.19% | 0.003% |  |
| 49 | 5.435 | 5.401 | 5.486 | HH | 780        | 19369  | 0.14% | 0.002% |  |
| 50 | 5.518 | 5.486 | 5.541 | HH | 900        | 16606  | 0.12% | 0.002% |  |
| 51 | 5.551 | 5.541 | 5.569 | HH | 349        | 5220   | 0.04% | 0.001% |  |
| 52 | 5.579 | 5.569 | 5.604 | HH | 378        | 6457   | 0.05% | 0.001% |  |
| 53 | 5.632 | 5.604 | 5.659 | HH | 599        | 13229  | 0.09% | 0.002% |  |
| 54 | 5.670 | 5.659 | 5.679 | HH | 349        | 3072   | 0.02% | 0.000% |  |
| 55 | 5.703 | 5.679 | 5.727 | HH | 349        | 8077   | 0.06% | 0.001% |  |
| 56 | 5.746 | 5.727 | 5.767 | HH | 432        | 6746   | 0.05% | 0.001% |  |
| 57 | 5.793 | 5.767 | 5.814 | HH | 381        | 7221   | 0.05% | 0.001% |  |
| 58 | 5.845 | 5.814 | 5.861 | HH | 573        | 12507  | 0.09% | 0.001% |  |
| 59 | 5.882 | 5.861 | 5.922 | HH | 1550       | 28921  | 0.21% | 0.003% |  |
| 60 | 5.932 | 5.922 | 5.952 | HH | 609        | 9165   | 0.07% | 0.001% |  |
| 61 | 5.979 | 5.952 | 6.009 | HH | 872        | 18912  | 0.14% | 0.002% |  |
| 62 | 6.038 | 6.009 | 6.081 | HH | 840        | 23894  | 0.17% | 0.003% |  |
| 63 | 6.120 | 6.081 | 6.136 | HH | 590        | 15126  | 0.11% | 0.002% |  |
| 64 | 6.149 | 6.136 | 6.186 | HH | 678        | 17277  | 0.12% | 0.002% |  |
| 65 | 6.208 | 6.186 | 6.226 | HH | 1022       | 20459  | 0.15% | 0.002% |  |
| 66 | 6.233 | 6.226 | 6.264 | HH | 895        | 17536  | 0.13% | 0.002% |  |
| 67 | 6.271 | 6.264 | 6.280 | HH | 696        | 6638   | 0.05% | 0.001% |  |
| 68 | 6.318 | 6.280 | 6.385 | HH | 6862       | 103255 | 0.74% | 0.012% |  |
| 69 | 6.403 | 6.385 | 6.437 | HH | 675        | 16675  | 0.12% | 0.002% |  |
| 70 | 6.466 | 6.437 | 6.492 | HH | 1569       | 27400  | 0.20% | 0.003% |  |
| 71 | 6.504 | 6.492 | 6.527 | HH | 790        | 13041  | 0.09% | 0.002% |  |
| 72 | 6.536 | 6.527 | 6.553 | HH | 534        | 6999   | 0.05% | 0.001% |  |
| 73 | 6.576 | 6.553 | 6.611 | HH | 595        | 16838  | 0.12% | 0.002% |  |
| 74 | 6.637 | 6.611 | 6.660 | HH | 907        | 19024  | 0.14% | 0.002% |  |
| 75 | 6.679 | 6.660 | 6.697 | HH | 740        | 15071  | 0.11% | 0.002% |  |
| 76 | 6.710 | 6.697 | 6.730 | HH | 803        | 12996  | 0.09% | 0.002% |  |
| 77 | 6.765 | 6.730 | 6.792 | HH | 939        | 24661  | 0.18% | 0.003% |  |
| 78 | 6.833 | 6.792 | 6.853 | HH | 1064       | 29712  | 0.21% | 0.003% |  |
| 79 | 6.874 | 6.853 | 6.897 | HH | 1068       | 21938  | 0.16% | 0.003% |  |
| 80 | 6.933 | 6.897 | 6.954 | HH | 1057       | 30387  | 0.22% | 0.004% |  |
| 81 | 6.974 | 6.954 | 6.994 | HH | 1057       | 20976  | 0.15% | 0.002% |  |
| 82 | 7.017 | 6.994 | 7.052 | HH | 2456       | 45600  | 0.33% | 0.005% |  |
| 83 | 7.070 | 7.052 | 7.084 | HH | 990        | 17580  | 0.13% | 0.002% |  |
| 84 | 7.113 | 7.084 | 7.164 | HH | 1438       | 52911  | 0.38% | 0.006% |  |
| 85 | 7.188 | 7.164 | 7.212 | HH | 1360       | 32362  | 0.23% | 0.004% |  |
| 86 | 7.238 | 7.212 | 7.277 | HH | 3185       | 62916  | 0.45% | 0.007% |  |
| 87 | 7.304 | 7.277 | 7.332 | HH | 1595       | 37726  | 0.27% | 0.004% |  |
| 88 | 7.382 | 7.332 | 7.399 | HH | 1954       | 52477  | 0.38% | 0.006% |  |
| 89 | 7.409 | 7.399 | 7.434 | HH | 1495       | 27101  | 0.19% | 0.003% |  |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 90  | 7.456  | 7.434  | 7.479  | HH | 1628       | 32719  | 0.23% | 0.004% |
| 91  | 7.524  | 7.479  | 7.547  | HH | 1731       | 54265  | 0.39% | 0.006% |
| 92  | 7.575  | 7.547  | 7.587  | HH | 1681       | 36603  | 0.26% | 0.004% |
| 93  | 7.632  | 7.587  | 7.642  | HH | 2393       | 65055  | 0.47% | 0.008% |
| 94  | 7.661  | 7.642  | 7.682  | HH | 2895       | 57204  | 0.41% | 0.007% |
| 95  | 7.691  | 7.682  | 7.699  | HH | 1853       | 18303  | 0.13% | 0.002% |
| 96  | 7.713  | 7.699  | 7.739  | HH | 2100       | 42905  | 0.31% | 0.005% |
| 97  | 7.757  | 7.739  | 7.779  | HH | 1812       | 38675  | 0.28% | 0.005% |
| 98  | 7.804  | 7.779  | 7.826  | HH | 2323       | 54338  | 0.39% | 0.006% |
| 99  | 7.857  | 7.826  | 7.886  | HH | 2997       | 79369  | 0.57% | 0.009% |
| 100 | 7.928  | 7.886  | 7.961  | HH | 3826       | 107230 | 0.77% | 0.013% |
| 101 | 7.976  | 7.961  | 7.996  | HH | 2549       | 50505  | 0.36% | 0.006% |
| 102 | 8.014  | 7.996  | 8.038  | HH | 2944       | 67125  | 0.48% | 0.008% |
| 103 | 8.105  | 8.038  | 8.132  | HH | 6387       | 183735 | 1.32% | 0.021% |
| 104 | 8.155  | 8.132  | 8.213  | HH | 2577       | 116289 | 0.83% | 0.014% |
| 105 | 8.259  | 8.213  | 8.281  | HH | 4490       | 121866 | 0.87% | 0.014% |
| 106 | 8.290  | 8.281  | 8.306  | HH | 2766       | 39286  | 0.28% | 0.005% |
| 107 | 8.316  | 8.306  | 8.332  | HH | 2668       | 39930  | 0.29% | 0.005% |
| 108 | 8.357  | 8.332  | 8.414  | HH | 2935       | 131959 | 0.95% | 0.015% |
| 109 | 8.435  | 8.414  | 8.442  | HH | 2990       | 46516  | 0.33% | 0.005% |
| 110 | 8.460  | 8.442  | 8.468  | HH | 3378       | 48781  | 0.35% | 0.006% |
| 111 | 8.485  | 8.468  | 8.511  | HH | 3773       | 89955  | 0.65% | 0.011% |
| 112 | 8.523  | 8.511  | 8.539  | HH | 3462       | 56672  | 0.41% | 0.007% |
| 113 | 8.555  | 8.539  | 8.574  | HH | 5332       | 91164  | 0.65% | 0.011% |
| 114 | 8.593  | 8.574  | 8.606  | HH | 4479       | 77685  | 0.56% | 0.009% |
| 115 | 8.641  | 8.606  | 8.667  | HH | 7941       | 199044 | 1.43% | 0.023% |
| 116 | 8.690  | 8.667  | 8.703  | HH | 4422       | 87756  | 0.63% | 0.010% |
| 117 | 8.718  | 8.703  | 8.737  | HH | 4849       | 88238  | 0.63% | 0.010% |
| 118 | 8.786  | 8.737  | 8.799  | HH | 5152       | 165946 | 1.19% | 0.019% |
| 119 | 8.822  | 8.799  | 8.882  | HH | 6348       | 266608 | 1.91% | 0.031% |
| 120 | 8.925  | 8.882  | 8.979  | HH | 8789       | 334719 | 2.40% | 0.039% |
| 121 | 9.007  | 8.979  | 9.036  | HH | 5771       | 177308 | 1.27% | 0.021% |
| 122 | 9.069  | 9.036  | 9.087  | HH | 5718       | 165792 | 1.19% | 0.019% |
| 123 | 9.115  | 9.087  | 9.153  | HH | 6925       | 244096 | 1.75% | 0.029% |
| 124 | 9.161  | 9.153  | 9.196  | HH | 6175       | 151253 | 1.09% | 0.018% |
| 125 | 9.220  | 9.196  | 9.239  | HH | 6826       | 165735 | 1.19% | 0.019% |
| 126 | 9.253  | 9.239  | 9.269  | HH | 6659       | 115883 | 0.83% | 0.014% |
| 127 | 9.303  | 9.269  | 9.337  | HH | 10769      | 340988 | 2.45% | 0.040% |
| 128 | 9.378  | 9.337  | 9.402  | HH | 8435       | 294961 | 2.12% | 0.035% |
| 129 | 9.459  | 9.402  | 9.503  | HH | 9233       | 467558 | 3.36% | 0.055% |
| 130 | 9.530  | 9.503  | 9.552  | HH | 7569       | 214239 | 1.54% | 0.025% |
| 131 | 9.559  | 9.552  | 9.571  | HH | 7373       | 79894  | 0.57% | 0.009% |
| 132 | 9.578  | 9.571  | 9.589  | HH | 7339       | 78809  | 0.57% | 0.009% |
| 133 | 9.623  | 9.589  | 9.631  | HH | 8609       | 202027 | 1.45% | 0.024% |
| 134 | 9.657  | 9.631  | 9.679  | HH | 10862      | 274942 | 1.97% | 0.032% |
| 135 | 9.701  | 9.679  | 9.727  | HH | 14579      | 321123 | 2.30% | 0.038% |
| 136 | 9.735  | 9.727  | 9.742  | HH | 9233       | 78974  | 0.57% | 0.009% |
| 137 | 9.789  | 9.742  | 9.842  | HH | 10031      | 574249 | 4.12% | 0.067% |
| 138 | 9.868  | 9.842  | 9.889  | HH | 9893       | 265877 | 1.91% | 0.031% |
| 139 | 9.931  | 9.889  | 9.959  | HH | 10790      | 418241 | 3.00% | 0.049% |
| 140 | 9.983  | 9.959  | 10.024 | HH | 10531      | 404336 | 2.90% | 0.047% |
| 141 | 10.047 | 10.024 | 10.058 | HH | 11866      | 229995 | 1.65% | 0.027% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 142        | 10.088 | 10.058 | 10.114 | HH | 22865 | 553713  | 3.97%  | 0.065% |
| 143        | 10.134 | 10.114 | 10.144 | HH | 13108 | 230357  | 1.65%  | 0.027% |
| 144        | 10.162 | 10.144 | 10.200 | HH | 13180 | 423848  | 3.04%  | 0.050% |
| 145        | 10.232 | 10.200 | 10.256 | HH | 15630 | 441975  | 3.17%  | 0.052% |
|            |        |        |        |    |       |         |        |        |
| 146        | 10.275 | 10.256 | 10.306 | HH | 12663 | 366103  | 2.63%  | 0.043% |
| 147        | 10.368 | 10.306 | 10.391 | HH | 15278 | 701478  | 5.03%  | 0.082% |
| 148        | 10.437 | 10.391 | 10.472 | HH | 21577 | 815635  | 5.85%  | 0.095% |
| 149        | 10.510 | 10.472 | 10.544 | HH | 41461 | 1036489 | 7.44%  | 0.121% |
| 150        | 10.555 | 10.544 | 10.579 | HH | 17308 | 340298  | 2.44%  | 0.040% |
|            |        |        |        |    |       |         |        |        |
| 151        | 10.588 | 10.579 | 10.604 | HH | 15038 | 219390  | 1.57%  | 0.026% |
| 152        | 10.636 | 10.604 | 10.646 | HH | 16754 | 404636  | 2.90%  | 0.047% |
| 153        | 10.669 | 10.646 | 10.692 | HH | 18194 | 467081  | 3.35%  | 0.055% |
| 154        | 10.707 | 10.692 | 10.734 | HH | 17720 | 435482  | 3.13%  | 0.051% |
| 155        | 10.759 | 10.734 | 10.772 | HH | 18718 | 405401  | 2.91%  | 0.047% |
|            |        |        |        |    |       |         |        |        |
| 156        | 10.781 | 10.772 | 10.792 | HH | 18416 | 217085  | 1.56%  | 0.025% |
| 157        | 10.830 | 10.792 | 10.867 | HH | 23485 | 894862  | 6.42%  | 0.105% |
| 158        | 10.916 | 10.867 | 10.929 | HH | 19793 | 676407  | 4.85%  | 0.079% |
| 159        | 10.967 | 10.929 | 11.009 | HH | 20400 | 955024  | 6.85%  | 0.112% |
| 160        | 11.023 | 11.009 | 11.042 | HH | 20529 | 387763  | 2.78%  | 0.045% |
|            |        |        |        |    |       |         |        |        |
| 161        | 11.062 | 11.042 | 11.077 | HH | 21008 | 437170  | 3.14%  | 0.051% |
| 162        | 11.086 | 11.077 | 11.107 | HH | 21705 | 384851  | 2.76%  | 0.045% |
| 163        | 11.138 | 11.107 | 11.167 | HH | 28806 | 855341  | 6.14%  | 0.100% |
| 164        | 11.229 | 11.167 | 11.263 | HH | 61326 | 1797633 | 12.90% | 0.210% |
| 165        | 11.286 | 11.263 | 11.309 | HH | 22855 | 609254  | 4.37%  | 0.071% |
|            |        |        |        |    |       |         |        |        |
| 166        | 11.337 | 11.309 | 11.352 | HH | 22879 | 566384  | 4.06%  | 0.066% |
| 167        | 11.431 | 11.352 | 11.472 | HH | 28119 | 1801356 | 12.93% | 0.211% |
| 168        | 11.503 | 11.472 | 11.514 | HH | 26769 | 628442  | 4.51%  | 0.074% |
| 169        | 11.531 | 11.514 | 11.562 | HH | 27507 | 752727  | 5.40%  | 0.088% |
| 170        | 11.587 | 11.562 | 11.600 | HH | 26745 | 576820  | 4.14%  | 0.067% |
|            |        |        |        |    |       |         |        |        |
| 171        | 11.625 | 11.600 | 11.642 | HH | 30168 | 708015  | 5.08%  | 0.083% |
| 172        | 11.653 | 11.642 | 11.670 | HH | 27876 | 458072  | 3.29%  | 0.054% |
| 173        | 11.692 | 11.670 | 11.727 | HH | 29400 | 987771  | 7.09%  | 0.116% |
| 174        | 11.742 | 11.727 | 11.759 | HH | 31093 | 565345  | 4.06%  | 0.066% |
| 175        | 11.787 | 11.759 | 11.834 | HH | 43893 | 1638506 | 11.76% | 0.192% |
|            |        |        |        |    |       |         |        |        |
| 176        | 11.844 | 11.834 | 11.864 | HH | 30755 | 529233  | 3.80%  | 0.062% |
| 177        | 11.883 | 11.864 | 11.894 | HH | 31498 | 550127  | 3.95%  | 0.064% |
| 178        | 11.918 | 11.894 | 11.975 | HH | 35687 | 1575126 | 11.30% | 0.184% |
| 179        | 12.012 | 11.975 | 12.056 | HH | 35496 | 1588841 | 11.40% | 0.186% |
| 180        | 12.104 | 12.056 | 12.132 | HH | 36511 | 1606876 | 11.53% | 0.188% |
|            |        |        |        |    |       |         |        |        |
| 181        | 12.163 | 12.132 | 12.175 | HH | 37327 | 906192  | 6.50%  | 0.106% |
| 182        | 12.191 | 12.175 | 12.224 | HH | 38684 | 1087294 | 7.80%  | 0.127% |
| 183        | 12.233 | 12.224 | 12.257 | HH | 36900 | 723483  | 5.19%  | 0.085% |
| 184        | 12.270 | 12.257 | 12.281 | HH | 37484 | 513636  | 3.69%  | 0.060% |
| 185        | 12.300 | 12.281 | 12.313 | HH | 38697 | 739886  | 5.31%  | 0.087% |
|            |        |        |        |    |       |         |        |        |
| 186        | 12.324 | 12.313 | 12.341 | HH | 38734 | 639769  | 4.59%  | 0.075% |
| 187        | 12.368 | 12.341 | 12.413 | HH | 46974 | 1806796 | 12.97% | 0.211% |
| 188        | 12.447 | 12.413 | 12.492 | HH | 55929 | 2192204 | 15.73% | 0.256% |
| 189        | 12.509 | 12.492 | 12.519 | HH | 43662 | 683256  | 4.90%  | 0.080% |
| 190        | 12.542 | 12.519 | 12.574 | HH | 46221 | 1482523 | 10.64% | 0.173% |
|            |        |        |        |    |       |         |        |        |
| 191        | 12.590 | 12.574 | 12.615 | HH | 48773 | 1120865 | 8.04%  | 0.131% |
| 192        | 12.638 | 12.615 | 12.649 | HH | 43878 | 871179  | 6.25%  | 0.102% |
| 193        | 12.696 | 12.649 | 12.707 | HH | 48140 | 1566153 | 11.24% | 0.183% |
| 194        | 12.726 | 12.707 | 12.749 | HH | 49698 | 1218859 | 8.75%  | 0.143% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 12.768 | 12.749 | 12.784 | HH | 49355      | 1015713 | 7.29%  | 0.119% |
| 196 | 12.808 | 12.784 | 12.839 | HH | 51498      | 1637159 | 11.75% | 0.192% |
| 197 | 12.887 | 12.839 | 12.912 | HH | 135236     | 3269151 | 23.46% | 0.382% |
| 198 | 12.941 | 12.912 | 12.971 | HH | 70980      | 2148752 | 15.42% | 0.251% |
| 199 | 12.987 | 12.971 | 13.012 | HH | 59284      | 1416251 | 10.16% | 0.166% |
| 200 | 13.020 | 13.012 | 13.034 | HH | 57047      | 737221  | 5.29%  | 0.086% |
| 201 | 13.056 | 13.034 | 13.077 | HH | 65403      | 1562825 | 11.22% | 0.183% |
| 202 | 13.088 | 13.077 | 13.104 | HH | 61823      | 969930  | 6.96%  | 0.113% |
| 203 | 13.123 | 13.104 | 13.146 | HH | 64176      | 1542624 | 11.07% | 0.180% |
| 204 | 13.154 | 13.146 | 13.176 | HH | 61979      | 1088895 | 7.81%  | 0.127% |
| 205 | 13.190 | 13.176 | 13.198 | HH | 61185      | 826320  | 5.93%  | 0.097% |
| 206 | 13.216 | 13.198 | 13.236 | HH | 64214      | 1392345 | 9.99%  | 0.163% |
| 207 | 13.282 | 13.236 | 13.314 | HH | 76501      | 3221105 | 23.12% | 0.377% |
| 208 | 13.330 | 13.314 | 13.352 | HH | 75554      | 1612167 | 11.57% | 0.189% |
| 209 | 13.374 | 13.352 | 13.390 | HH | 71324      | 1629096 | 11.69% | 0.191% |
| 210 | 13.408 | 13.390 | 13.429 | HH | 71127      | 1604316 | 11.51% | 0.188% |
| 211 | 13.437 | 13.429 | 13.442 | HH | 69163      | 548064  | 3.93%  | 0.064% |
| 212 | 13.481 | 13.442 | 13.515 | HH | 80139      | 3286731 | 23.59% | 0.385% |
| 213 | 13.552 | 13.515 | 13.596 | HH | 87500      | 3830923 | 27.49% | 0.448% |
| 214 | 13.634 | 13.596 | 13.671 | HH | 91035      | 3666919 | 26.32% | 0.429% |
| 215 | 13.699 | 13.671 | 13.712 | HH | 88725      | 2085262 | 14.97% | 0.244% |
| 216 | 13.730 | 13.712 | 13.746 | HH | 86716      | 1697818 | 12.19% | 0.199% |
| 217 | 13.796 | 13.746 | 13.829 | HH | 87642      | 4203549 | 30.17% | 0.492% |
| 218 | 13.874 | 13.829 | 13.919 | HH | 115111     | 5373222 | 38.56% | 0.629% |
| 219 | 13.937 | 13.919 | 13.992 | HH | 99679      | 4133336 | 29.66% | 0.484% |
| 220 | 14.035 | 13.992 | 14.101 | HH | 103682     | 6438748 | 46.21% | 0.753% |
| 221 | 14.117 | 14.101 | 14.127 | HH | 102706     | 1612649 | 11.57% | 0.189% |
| 222 | 14.137 | 14.127 | 14.166 | HH | 106736     | 2328254 | 16.71% | 0.272% |
| 223 | 14.205 | 14.166 | 14.224 | HH | 105547     | 3508830 | 25.18% | 0.411% |
| 224 | 14.269 | 14.224 | 14.307 | HH | 118434     | 5450853 | 39.12% | 0.638% |
| 225 | 14.331 | 14.307 | 14.374 | HH | 125585     | 4588779 | 32.93% | 0.537% |
| 226 | 14.450 | 14.374 | 14.472 | HH | 126042     | 6746719 | 48.42% | 0.789% |
| 227 | 14.481 | 14.472 | 14.542 | HH | 119022     | 4825726 | 34.63% | 0.565% |
| 228 | 14.586 | 14.542 | 14.611 | HH | 119817     | 4694993 | 33.70% | 0.549% |
| 229 | 14.623 | 14.611 | 14.634 | HH | 119406     | 1652061 | 11.86% | 0.193% |
| 230 | 14.656 | 14.634 | 14.716 | HH | 125021     | 5743313 | 41.22% | 0.672% |
| 231 | 14.744 | 14.716 | 14.767 | HH | 126422     | 3707978 | 26.61% | 0.434% |
| 232 | 14.800 | 14.767 | 14.811 | HH | 132138     | 3317947 | 23.81% | 0.388% |
| 233 | 14.819 | 14.811 | 14.847 | HH | 132726     | 2830927 | 20.32% | 0.331% |
| 234 | 14.885 | 14.847 | 14.913 | HH | 138042     | 5119310 | 36.74% | 0.599% |
| 235 | 14.938 | 14.913 | 14.952 | HH | 134042     | 2985183 | 21.42% | 0.349% |
| 236 | 14.968 | 14.952 | 14.977 | HH | 130291     | 1863002 | 13.37% | 0.218% |
| 237 | 14.993 | 14.977 | 15.044 | HH | 138017     | 5374106 | 38.57% | 0.629% |
| 238 | 15.057 | 15.044 | 15.113 | HH | 132550     | 5399132 | 38.75% | 0.632% |
| 239 | 15.131 | 15.113 | 15.144 | HH | 131010     | 2405648 | 17.27% | 0.281% |
| 240 | 15.174 | 15.144 | 15.234 | HH | 145538     | 7327677 | 52.59% | 0.857% |
| 241 | 15.300 | 15.234 | 15.334 | HH | 160569     | 8798111 | 63.14% | 1.029% |
| 242 | 15.350 | 15.334 | 15.364 | HH | 148328     | 2560491 | 18.38% | 0.300% |
| 243 | 15.386 | 15.364 | 15.424 | HH | 143036     | 4910586 | 35.24% | 0.575% |
| 244 | 15.447 | 15.424 | 15.461 | HH | 146821     | 3066408 | 22.01% | 0.359% |
| 245 | 15.476 | 15.461 | 15.497 | HH | 145632     | 3106843 | 22.30% | 0.363% |
| 246 | 15.512 | 15.497 | 15.532 | HH | 147807     | 2996983 | 21.51% | 0.351% |

|     |        |        |        |    | rteres.txt |          |         |        |
|-----|--------|--------|--------|----|------------|----------|---------|--------|
| 247 | 15.574 | 15.532 | 15.627 | HH | 168133     | 8517436  | 61.13%  | 0.997% |
| 248 | 15.648 | 15.627 | 15.668 | HH | 150792     | 3601090  | 25.84%  | 0.421% |
| 249 | 15.675 | 15.668 | 15.684 | HH | 142404     | 1358653  | 9.75%   | 0.159% |
| 250 | 15.700 | 15.684 | 15.716 | HH | 146916     | 2733464  | 19.62%  | 0.320% |
| 251 | 15.723 | 15.716 | 15.744 | HH | 147678     | 2463927  | 17.68%  | 0.288% |
| 252 | 15.766 | 15.744 | 15.778 | HH | 160192     | 3018746  | 21.67%  | 0.353% |
| 253 | 15.803 | 15.778 | 15.849 | HH | 167713     | 6619818  | 47.51%  | 0.774% |
| 254 | 15.858 | 15.849 | 15.881 | HH | 148757     | 2763410  | 19.83%  | 0.323% |
| 255 | 15.941 | 15.881 | 15.968 | HH | 171186     | 8073837  | 57.95%  | 0.945% |
| 256 | 15.976 | 15.968 | 15.994 | HH | 156131     | 2410112  | 17.30%  | 0.282% |
| 257 | 16.013 | 15.994 | 16.027 | HH | 160520     | 3073439  | 22.06%  | 0.360% |
| 258 | 16.084 | 16.027 | 16.106 | HH | 182043     | 8053956  | 57.80%  | 0.942% |
| 259 | 16.116 | 16.106 | 16.169 | HH | 170524     | 5959627  | 42.77%  | 0.697% |
| 260 | 16.209 | 16.169 | 16.231 | HH | 165291     | 5836023  | 41.88%  | 0.683% |
| 261 | 16.242 | 16.231 | 16.259 | HH | 163291     | 2672236  | 19.18%  | 0.313% |
| 262 | 16.278 | 16.259 | 16.296 | HH | 161255     | 3517203  | 25.24%  | 0.411% |
| 263 | 16.311 | 16.296 | 16.329 | HH | 158633     | 3082508  | 22.12%  | 0.361% |
| 264 | 16.415 | 16.329 | 16.434 | HH | 166953     | 10157051 | 72.90%  | 1.188% |
| 265 | 16.471 | 16.434 | 16.522 | HH | 176261     | 8961158  | 64.31%  | 1.048% |
| 266 | 16.570 | 16.522 | 16.636 | HH | 180215     | 11170738 | 80.17%  | 1.307% |
| 267 | 16.682 | 16.636 | 16.697 | HH | 168824     | 5909807  | 42.41%  | 0.691% |
| 268 | 16.724 | 16.697 | 16.747 | HH | 197593     | 5404195  | 38.79%  | 0.632% |
| 269 | 16.765 | 16.747 | 16.781 | HH | 171350     | 3367409  | 24.17%  | 0.394% |
| 270 | 16.804 | 16.781 | 16.827 | HH | 165402     | 4479683  | 32.15%  | 0.524% |
| 271 | 16.834 | 16.827 | 16.852 | HH | 167148     | 2369028  | 17.00%  | 0.277% |
| 272 | 16.876 | 16.852 | 16.899 | HH | 176644     | 4893672  | 35.12%  | 0.573% |
| 273 | 16.904 | 16.899 | 16.916 | HH | 174811     | 1731438  | 12.43%  | 0.203% |
| 274 | 16.940 | 16.916 | 16.986 | HH | 205463     | 7523723  | 54.00%  | 0.880% |
| 275 | 17.007 | 16.986 | 17.031 | HH | 172982     | 4566272  | 32.77%  | 0.534% |
| 276 | 17.036 | 17.031 | 17.070 | HH | 172940     | 3887961  | 27.90%  | 0.455% |
| 277 | 17.098 | 17.070 | 17.142 | HH | 181925     | 7469632  | 53.61%  | 0.874% |
| 278 | 17.166 | 17.142 | 17.207 | HH | 174817     | 6490382  | 46.58%  | 0.759% |
| 279 | 17.221 | 17.207 | 17.242 | HH | 167829     | 3485292  | 25.01%  | 0.408% |
| 280 | 17.264 | 17.242 | 17.309 | HH | 182416     | 6959977  | 49.95%  | 0.814% |
| 281 | 17.316 | 17.309 | 17.377 | HH | 170634     | 6658907  | 47.79%  | 0.779% |
| 282 | 17.397 | 17.377 | 17.412 | HH | 164426     | 3279327  | 23.54%  | 0.384% |
| 283 | 17.434 | 17.412 | 17.456 | HH | 166029     | 4229475  | 30.35%  | 0.495% |
| 284 | 17.492 | 17.456 | 17.516 | HH | 175196     | 6003058  | 43.08%  | 0.702% |
| 285 | 17.530 | 17.516 | 17.551 | HH | 174313     | 3587383  | 25.75%  | 0.420% |
| 286 | 17.592 | 17.551 | 17.619 | HH | 186655     | 7084962  | 50.85%  | 0.829% |
| 287 | 17.625 | 17.619 | 17.679 | HH | 163138     | 5706176  | 40.95%  | 0.668% |
| 288 | 17.731 | 17.679 | 17.809 | HH | 235334     | 13933483 | 100.00% | 1.630% |
| 289 | 17.838 | 17.809 | 17.857 | HH | 159639     | 4546225  | 32.63%  | 0.532% |
| 290 | 17.889 | 17.857 | 17.907 | HH | 166568     | 4819735  | 34.59%  | 0.564% |
| 291 | 17.932 | 17.907 | 17.962 | HH | 168658     | 5429656  | 38.97%  | 0.635% |
| 292 | 17.974 | 17.962 | 18.002 | HH | 167830     | 3877616  | 27.83%  | 0.454% |
| 293 | 18.028 | 18.002 | 18.052 | HH | 162029     | 4715303  | 33.84%  | 0.552% |
| 294 | 18.096 | 18.052 | 18.122 | HH | 223772     | 7496630  | 53.80%  | 0.877% |
| 295 | 18.132 | 18.122 | 18.198 | HH | 161634     | 7046057  | 50.57%  | 0.824% |
| 296 | 18.260 | 18.198 | 18.282 | HH | 157642     | 7783211  | 55.86%  | 0.911% |
| 297 | 18.301 | 18.282 | 18.331 | HH | 164106     | 4616352  | 33.13%  | 0.540% |
| 298 | 18.337 | 18.331 | 18.351 | HH | 154564     | 1823626  | 13.09%  | 0.213% |
| 299 | 18.386 | 18.351 | 18.406 | HH | 155044     | 5066056  | 36.36%  | 0.593% |

|     |        |        |        |    |            |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt |          |        |        |
| 300 | 18.428 | 18.406 | 18.469 | HH | 162303     | 5771287  | 41.42% | 0.675% |
| 301 | 18.517 | 18.469 | 18.537 | HH | 192343     | 6688551  | 48.00% | 0.783% |
| 302 | 18.565 | 18.537 | 18.602 | HH | 180376     | 6449841  | 46.29% | 0.755% |
| 303 | 18.618 | 18.602 | 18.642 | HH | 161787     | 3747630  | 26.90% | 0.438% |
| 304 | 18.652 | 18.642 | 18.674 | HH | 156485     | 2920914  | 20.96% | 0.342% |
| 305 | 18.696 | 18.674 | 18.716 | HH | 160834     | 3945668  | 28.32% | 0.462% |
| 306 | 18.731 | 18.716 | 18.741 | HH | 154588     | 2315893  | 16.62% | 0.271% |
| 307 | 18.754 | 18.741 | 18.770 | HH | 156001     | 2723597  | 19.55% | 0.319% |
| 308 | 18.787 | 18.770 | 18.809 | HH | 155124     | 3528378  | 25.32% | 0.413% |
| 309 | 18.848 | 18.809 | 18.878 | HH | 183824     | 6948844  | 49.87% | 0.813% |
| 310 | 18.916 | 18.878 | 18.964 | HH | 175491     | 8113250  | 58.23% | 0.949% |
| 311 | 19.016 | 18.964 | 19.070 | HH | 167476     | 10146497 | 72.82% | 1.187% |
| 312 | 19.081 | 19.070 | 19.108 | HH | 158449     | 3501074  | 25.13% | 0.410% |
| 313 | 19.127 | 19.108 | 19.141 | HH | 158116     | 3096566  | 22.22% | 0.362% |
| 314 | 19.150 | 19.141 | 19.169 | HH | 157515     | 2649254  | 19.01% | 0.310% |
| 315 | 19.226 | 19.169 | 19.288 | HH | 196822     | 12193409 | 87.51% | 1.427% |
| 316 | 19.324 | 19.288 | 19.359 | HH | 175655     | 7011764  | 50.32% | 0.820% |
| 317 | 19.368 | 19.359 | 19.384 | HH | 166383     | 2445744  | 17.55% | 0.286% |
| 318 | 19.422 | 19.384 | 19.464 | HH | 170652     | 7994531  | 57.38% | 0.935% |
| 319 | 19.476 | 19.464 | 19.492 | HH | 171870     | 2869110  | 20.59% | 0.336% |
| 320 | 19.502 | 19.492 | 19.525 | HH | 170684     | 3357794  | 24.10% | 0.393% |
| 321 | 19.534 | 19.525 | 19.559 | HH | 170405     | 3413597  | 24.50% | 0.399% |
| 322 | 19.623 | 19.559 | 19.679 | HH | 198541     | 12992423 | 93.25% | 1.520% |
| 323 | 19.734 | 19.679 | 19.783 | HH | 186040     | 11024113 | 79.12% | 1.290% |
| 324 | 19.799 | 19.783 | 19.807 | HH | 179848     | 2542131  | 18.24% | 0.297% |
| 325 | 19.824 | 19.807 | 19.844 | HH | 183077     | 3954255  | 28.38% | 0.463% |
| 326 | 19.879 | 19.844 | 19.901 | HH | 184079     | 6223620  | 44.67% | 0.728% |
| 327 | 19.917 | 19.901 | 19.936 | HH | 183399     | 3791140  | 27.21% | 0.444% |
| 328 | 19.955 | 19.936 | 19.981 | HH | 190239     | 5015825  | 36.00% | 0.587% |
| 329 | 20.005 | 19.981 | 20.041 | HH | 198261     | 6906833  | 49.57% | 0.808% |
| 330 | 20.058 | 20.041 | 20.072 | HH | 190942     | 3539794  | 25.40% | 0.414% |
| 331 | 20.088 | 20.072 | 20.101 | HH | 192189     | 3227619  | 23.16% | 0.378% |
| 332 | 20.141 | 20.101 | 20.177 | HH | 201813     | 8967900  | 64.36% | 1.049% |
| 333 | 20.192 | 20.177 | 20.207 | HH | 196894     | 3493429  | 25.07% | 0.409% |
| 334 | 20.220 | 20.207 | 20.252 | HH | 199266     | 5285586  | 37.93% | 0.618% |
| 335 | 20.296 | 20.252 | 20.340 | HH | 213917     | 10582712 | 75.95% | 1.238% |
| 336 | 20.349 | 20.340 | 20.364 | HH | 199723     | 2901561  | 20.82% | 0.339% |
| 337 | 20.407 | 20.364 | 20.461 | HH | 210792     | 11630275 | 83.47% | 1.361% |
| 338 | 20.469 | 20.461 | 20.484 | HH | 197862     | 2757124  | 19.79% | 0.323% |
| 339 | 20.514 | 20.484 | 20.527 | HH | 202037     | 5209463  | 37.39% | 0.609% |
| 340 | 20.540 | 20.527 | 20.572 | HH | 202828     | 5234667  | 37.57% | 0.612% |
| 341 | 20.578 | 20.572 | 20.597 | HH | 195304     | 2991571  | 21.47% | 0.350% |
| 342 | 20.611 | 20.597 | 20.621 | HH | 195682     | 2719554  | 19.52% | 0.318% |
| 343 | 20.630 | 20.621 | 20.649 | HH | 196938     | 3328791  | 23.89% | 0.389% |
| 344 | 20.663 | 20.649 | 20.725 | HH | 198519     | 8569991  | 61.51% | 1.003% |
| 345 | 20.734 | 20.725 | 20.762 | HH | 186155     | 4113523  | 29.52% | 0.481% |
| 346 | 20.797 | 20.762 | 20.831 | HH | 186538     | 7506415  | 53.87% | 0.878% |
| 347 | 20.864 | 20.831 | 20.891 | HH | 187108     | 6577074  | 47.20% | 0.769% |
| 348 | 20.897 | 20.891 | 20.929 | HH | 183342     | 4126562  | 29.62% | 0.483% |
| 349 | 20.945 | 20.929 | 21.027 | HH | 180236     | 10387021 | 74.55% | 1.215% |
| 350 | 21.067 | 21.027 | 21.124 | HH | 181337     | 10173043 | 73.01% | 1.190% |
| 351 | 21.137 | 21.124 | 21.149 | HH | 170929     | 2555508  | 18.34% | 0.299% |

|     |        |        |        |     | rteres.txt |          |        |        |
|-----|--------|--------|--------|-----|------------|----------|--------|--------|
| 352 | 21.160 | 21.149 | 21.174 | HH  | 173035     | 2519058  | 18.08% | 0.295% |
| 353 | 21.183 | 21.174 | 21.199 | HH  | 173302     | 2613958  | 18.76% | 0.306% |
| 354 | 21.205 | 21.199 | 21.314 | HH  | 172351     | 11527364 | 82.73% | 1.349% |
| 355 | 21.325 | 21.314 | 21.337 | HH  | 165083     | 2240751  | 16.08% | 0.262% |
| 356 | 21.346 | 21.337 | 21.367 | HH  | 164791     | 2970633  | 21.32% | 0.348% |
| 357 | 21.380 | 21.367 | 21.397 | HH  | 162606     | 2858879  | 20.52% | 0.334% |
| 358 | 21.427 | 21.397 | 21.441 | HH  | 162407     | 4206023  | 30.19% | 0.492% |
| 359 | 21.481 | 21.441 | 21.506 | HH  | 163506     | 6213992  | 44.60% | 0.727% |
| 360 | 21.528 | 21.506 | 21.547 | HH  | 170310     | 4063118  | 29.16% | 0.475% |
| 361 | 21.555 | 21.547 | 21.606 | HH  | 163291     | 5652671  | 40.57% | 0.661% |
| 362 | 21.622 | 21.606 | 21.631 | HH  | 158544     | 2327373  | 16.70% | 0.272% |
| 363 | 21.653 | 21.631 | 21.707 | HH  | 155027     | 7059824  | 50.67% | 0.826% |
| 364 | 21.720 | 21.707 | 21.750 | HH  | 152476     | 3903631  | 28.02% | 0.457% |
| 365 | 21.786 | 21.750 | 21.801 | HHA | 153799     | 4638645  | 33.29% | 0.543% |

Sum of corrected areas: 854729659

Alaphatic EPH 062518.M Thu Jul 19 10:58:57 2018 RPT-1