

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC073118AL\  
 Data File : FC035705.D  
 Signal(s) : FID1A.CH  
 Acq On : 01 Aug 2018 10:24  
 Sample : J3825-17  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 072118.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         | 3.226       | 3.202        | 3.294      | BV       | 245            | 4976         | 0.05%          | 0.001%        |
| 2         | 3.360       | 3.294        | 3.412      | PV       | 295            | 11459        | 0.12%          | 0.003%        |
| 3         | 3.417       | 3.412        | 3.446      | VV       | 204            | 2277         | 0.02%          | 0.001%        |
| 4         | 3.470       | 3.446        | 3.505      | VV       | 287            | 4958         | 0.05%          | 0.001%        |
| 5         | 3.561       | 3.505        | 3.585      | VV       | 251            | 8052         | 0.08%          | 0.002%        |
| 6         | 3.597       | 3.585        | 3.617      | VV       | 245            | 2939         | 0.03%          | 0.001%        |
| 7         | 3.635       | 3.617        | 3.654      | VV       | 241            | 3829         | 0.04%          | 0.001%        |
| 8         | 3.658       | 3.654        | 3.710      | VV       | 266            | 4737         | 0.05%          | 0.001%        |
| 9         | 3.722       | 3.710        | 3.744      | VV       | 249            | 2777         | 0.03%          | 0.001%        |
| 10        | 3.754       | 3.744        | 3.782      | VV       | 239            | 2379         | 0.02%          | 0.001%        |
| 11        | 3.793       | 3.782        | 3.825      | VV       | 178            | 3608         | 0.04%          | 0.001%        |
| 12        | 3.837       | 3.825        | 3.850      | VV       | 276            | 2325         | 0.02%          | 0.001%        |
| 13        | 3.894       | 3.850        | 4.022      | VV       | 2089           | 54697        | 0.57%          | 0.016%        |
| 14        | 4.051       | 4.022        | 4.079      | VV       | 343            | 8189         | 0.09%          | 0.002%        |
| 15        | 4.090       | 4.079        | 4.135      | VV       | 350            | 8386         | 0.09%          | 0.003%        |
| 16        | 4.142       | 4.135        | 4.150      | VV       | 257            | 2326         | 0.02%          | 0.001%        |
| 17        | 4.160       | 4.150        | 4.184      | VV       | 332            | 4622         | 0.05%          | 0.001%        |
| 18        | 4.194       | 4.184        | 4.249      | VV       | 240            | 8637         | 0.09%          | 0.003%        |
| 19        | 4.260       | 4.249        | 4.271      | VV       | 376            | 3321         | 0.03%          | 0.001%        |
| 20        | 4.295       | 4.271        | 4.311      | VV       | 428            | 6675         | 0.07%          | 0.002%        |
| 21        | 4.319       | 4.311        | 4.357      | VV       | 316            | 5984         | 0.06%          | 0.002%        |
| 22        | 4.364       | 4.357        | 4.447      | VV       | 223            | 9278         | 0.10%          | 0.003%        |
| 23        | 4.456       | 4.447        | 4.465      | VV       | 183            | 2083         | 0.02%          | 0.001%        |
| 24        | 4.498       | 4.465        | 4.544      | VV       | 324            | 9100         | 0.09%          | 0.003%        |
| 25        | 4.573       | 4.544        | 4.602      | VV       | 222            | 5491         | 0.06%          | 0.002%        |
| 26        | 4.626       | 4.602        | 4.648      | VV       | 211            | 2881         | 0.03%          | 0.001%        |
| 27        | 4.666       | 4.648        | 4.682      | VV       | 206            | 2265         | 0.02%          | 0.001%        |
| 28        | 4.727       | 4.682        | 4.740      | VV       | 227            | 5222         | 0.05%          | 0.002%        |
| 29        | 4.746       | 4.740        | 4.775      | VV       | 216            | 3016         | 0.03%          | 0.001%        |
| 30        | 4.779       | 4.775        | 4.809      | VV       | 135            | 1804         | 0.02%          | 0.001%        |
| 31        | 4.818       | 4.809        | 4.833      | PV       | 171            | 1803         | 0.02%          | 0.001%        |
| 32        | 4.848       | 4.833        | 4.858      | VV       | 172            | 2134         | 0.02%          | 0.001%        |
| 33        | 4.867       | 4.858        | 4.875      | VV       | 213            | 1565         | 0.02%          | 0.000%        |
| 34        | 4.888       | 4.875        | 4.903      | VV       | 298            | 3419         | 0.04%          | 0.001%        |
| 35        | 4.927       | 4.903        | 4.960      | VV       | 459            | 7561         | 0.08%          | 0.002%        |
| 36        | 4.982       | 4.960        | 4.993      | VV       | 306            | 3790         | 0.04%          | 0.001%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 5.006 | 4.993 | 5.022 | VV | 272        | 2979  | 0.03% | 0.001% |  |
| 38 | 5.033 | 5.022 | 5.052 | VV | 215        | 2616  | 0.03% | 0.001% |  |
| 39 | 5.074 | 5.067 | 5.100 | PV | 174        | 2112  | 0.02% | 0.001% |  |
| 40 | 5.108 | 5.100 | 5.128 | VV | 137        | 1479  | 0.02% | 0.000% |  |
| 41 | 5.153 | 5.128 | 5.182 | PV | 281        | 6228  | 0.06% | 0.002% |  |
| 42 | 5.214 | 5.182 | 5.289 | VV | 384        | 10871 | 0.11% | 0.003% |  |
| 43 | 5.297 | 5.289 | 5.310 | VV | 157        | 1245  | 0.01% | 0.000% |  |
| 44 | 5.348 | 5.310 | 5.357 | PV | 310        | 6240  | 0.07% | 0.002% |  |
| 45 | 5.380 | 5.357 | 5.410 | VV | 497        | 8185  | 0.09% | 0.002% |  |
| 46 | 5.437 | 5.410 | 5.464 | VV | 262        | 5330  | 0.06% | 0.002% |  |
| 47 | 5.508 | 5.464 | 5.543 | VV | 453        | 8759  | 0.09% | 0.003% |  |
| 48 | 5.554 | 5.543 | 5.584 | VV | 184        | 3226  | 0.03% | 0.001% |  |
| 49 | 5.623 | 5.584 | 5.661 | VV | 279        | 8047  | 0.08% | 0.002% |  |
| 50 | 5.675 | 5.661 | 5.682 | VV | 238        | 2117  | 0.02% | 0.001% |  |
| 51 | 5.695 | 5.682 | 5.707 | VV | 262        | 2864  | 0.03% | 0.001% |  |
| 52 | 5.735 | 5.707 | 5.752 | VV | 380        | 5897  | 0.06% | 0.002% |  |
| 53 | 5.762 | 5.752 | 5.772 | VV | 319        | 3236  | 0.03% | 0.001% |  |
| 54 | 5.779 | 5.772 | 5.825 | VV | 314        | 8254  | 0.09% | 0.002% |  |
| 55 | 5.835 | 5.825 | 5.850 | VV | 312        | 4090  | 0.04% | 0.001% |  |
| 56 | 5.870 | 5.850 | 5.904 | VV | 1188       | 19990 | 0.21% | 0.006% |  |
| 57 | 5.914 | 5.904 | 5.954 | VV | 500        | 11025 | 0.11% | 0.003% |  |
| 58 | 5.971 | 5.954 | 6.006 | VV | 470        | 12439 | 0.13% | 0.004% |  |
| 59 | 6.032 | 6.006 | 6.087 | VV | 1107       | 26341 | 0.27% | 0.008% |  |
| 60 | 6.104 | 6.087 | 6.129 | VV | 386        | 7345  | 0.08% | 0.002% |  |
| 61 | 6.153 | 6.129 | 6.174 | VV | 506        | 10499 | 0.11% | 0.003% |  |
| 62 | 6.179 | 6.174 | 6.191 | VV | 458        | 4028  | 0.04% | 0.001% |  |
| 63 | 6.198 | 6.191 | 6.207 | VV | 450        | 3799  | 0.04% | 0.001% |  |
| 64 | 6.225 | 6.207 | 6.244 | VV | 520        | 9167  | 0.10% | 0.003% |  |
| 65 | 6.257 | 6.244 | 6.267 | VV | 394        | 5781  | 0.06% | 0.002% |  |
| 66 | 6.277 | 6.267 | 6.285 | VV | 418        | 4666  | 0.05% | 0.001% |  |
| 67 | 6.307 | 6.285 | 6.373 | VV | 601        | 19270 | 0.20% | 0.006% |  |
| 68 | 6.391 | 6.373 | 6.407 | VV | 301        | 4089  | 0.04% | 0.001% |  |
| 69 | 6.456 | 6.407 | 6.480 | VV | 464        | 12038 | 0.13% | 0.004% |  |
| 70 | 6.494 | 6.480 | 6.547 | VV | 332        | 6798  | 0.07% | 0.002% |  |
| 71 | 6.578 | 6.547 | 6.605 | VV | 300        | 6072  | 0.06% | 0.002% |  |
| 72 | 6.628 | 6.605 | 6.650 | VV | 306        | 4826  | 0.05% | 0.001% |  |
| 73 | 6.663 | 6.650 | 6.674 | VV | 304        | 2615  | 0.03% | 0.001% |  |
| 74 | 6.698 | 6.674 | 6.716 | VV | 411        | 6300  | 0.07% | 0.002% |  |
| 75 | 6.792 | 6.716 | 6.812 | VV | 413        | 14400 | 0.15% | 0.004% |  |
| 76 | 6.824 | 6.812 | 6.847 | VV | 347        | 5393  | 0.06% | 0.002% |  |
| 77 | 6.861 | 6.847 | 6.889 | VV | 278        | 5207  | 0.05% | 0.002% |  |
| 78 | 6.921 | 6.889 | 6.939 | VV | 518        | 9369  | 0.10% | 0.003% |  |
| 79 | 6.959 | 6.939 | 6.979 | VV | 647        | 9326  | 0.10% | 0.003% |  |
| 80 | 7.003 | 6.979 | 7.037 | VV | 522        | 11196 | 0.12% | 0.003% |  |
| 81 | 7.053 | 7.037 | 7.080 | VV | 426        | 8156  | 0.09% | 0.002% |  |
| 82 | 7.098 | 7.080 | 7.119 | VV | 504        | 8326  | 0.09% | 0.003% |  |
| 83 | 7.133 | 7.119 | 7.172 | VV | 385        | 7778  | 0.08% | 0.002% |  |
| 84 | 7.191 | 7.172 | 7.212 | VV | 347        | 5847  | 0.06% | 0.002% |  |
| 85 | 7.228 | 7.212 | 7.254 | VV | 417        | 6947  | 0.07% | 0.002% |  |
| 86 | 7.261 | 7.254 | 7.272 | VV | 230        | 1632  | 0.02% | 0.000% |  |
| 87 | 7.293 | 7.272 | 7.302 | VV | 170        | 2470  | 0.03% | 0.001% |  |
| 88 | 7.307 | 7.302 | 7.325 | VV | 197        | 1693  | 0.02% | 0.001% |  |
| 89 | 7.382 | 7.325 | 7.433 | VV | 289        | 9936  | 0.10% | 0.003% |  |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 7.446  | 7.433  | 7.461  | VV | 183    | 1628    | 0.02%  | 0.000% |
| 91         | 7.531  | 7.461  | 7.613  | PV | 562478 | 5618382 | 58.56% | 1.689% |
| 92         | 7.637  | 7.613  | 7.758  | VV | 2316   | 101160  | 1.05%  | 0.030% |
| 93         | 7.765  | 7.758  | 7.776  | VV | 436    | 4785    | 0.05%  | 0.001% |
| 94         | 7.791  | 7.776  | 7.811  | VV | 539    | 9425    | 0.10%  | 0.003% |
| 95         | 7.826  | 7.811  | 7.875  | VV | 665    | 17989   | 0.19%  | 0.005% |
| 96         | 7.918  | 7.875  | 7.935  | VV | 779    | 21505   | 0.22%  | 0.006% |
| 97         | 7.997  | 7.935  | 8.026  | VV | 1204   | 52363   | 0.55%  | 0.016% |
| 98         | 8.034  | 8.026  | 8.050  | VV | 741    | 10588   | 0.11%  | 0.003% |
| 99         | 8.060  | 8.050  | 8.075  | VV | 763    | 10622   | 0.11%  | 0.003% |
| 100        | 8.091  | 8.075  | 8.117  | VV | 790    | 14500   | 0.15%  | 0.004% |
| 101        | 8.149  | 8.117  | 8.177  | VV | 6385   | 75845   | 0.79%  | 0.023% |
| 102        | 8.191  | 8.177  | 8.218  | VV | 726    | 11667   | 0.12%  | 0.004% |
| 103        | 8.245  | 8.218  | 8.298  | VV | 646    | 14603   | 0.15%  | 0.004% |
| 104        | 8.316  | 8.298  | 8.324  | VV | 217    | 2605    | 0.03%  | 0.001% |
| 105        | 8.338  | 8.324  | 8.354  | VV | 270    | 3255    | 0.03%  | 0.001% |
| 106        | 8.389  | 8.354  | 8.528  | VV | 358149 | 3905225 | 40.70% | 1.174% |
| 107        | 8.537  | 8.528  | 8.582  | VV | 1170   | 31346   | 0.33%  | 0.009% |
| 108        | 8.601  | 8.582  | 8.615  | VV | 982    | 17411   | 0.18%  | 0.005% |
| 109        | 8.626  | 8.615  | 8.659  | VV | 927    | 17974   | 0.19%  | 0.005% |
| 110        | 8.679  | 8.659  | 8.695  | VV | 693    | 12435   | 0.13%  | 0.004% |
| 111        | 8.708  | 8.695  | 8.725  | VV | 613    | 10396   | 0.11%  | 0.003% |
| 112        | 8.811  | 8.725  | 8.858  | VV | 2460   | 88651   | 0.92%  | 0.027% |
| 113        | 8.906  | 8.858  | 8.978  | VV | 1047   | 38280   | 0.40%  | 0.012% |
| 114        | 8.997  | 8.978  | 9.011  | VV | 308    | 4430    | 0.05%  | 0.001% |
| 115        | 9.016  | 9.011  | 9.023  | VV | 184    | 1223    | 0.01%  | 0.000% |
| 116        | 9.050  | 9.023  | 9.064  | VV | 513    | 9323    | 0.10%  | 0.003% |
| 117        | 9.098  | 9.064  | 9.150  | VV | 1613   | 36188   | 0.38%  | 0.011% |
| 118        | 9.193  | 9.150  | 9.217  | VV | 345    | 11036   | 0.12%  | 0.003% |
| 119        | 9.243  | 9.217  | 9.268  | VV | 819    | 18519   | 0.19%  | 0.006% |
| 120        | 9.284  | 9.268  | 9.308  | VV | 783    | 14620   | 0.15%  | 0.004% |
| 121        | 9.342  | 9.308  | 9.391  | VV | 708    | 22530   | 0.23%  | 0.007% |
| 122        | 9.418  | 9.391  | 9.431  | VV | 393    | 7502    | 0.08%  | 0.002% |
| 123        | 9.470  | 9.431  | 9.489  | VV | 404    | 10108   | 0.11%  | 0.003% |
| 124        | 9.518  | 9.489  | 9.554  | VV | 504    | 14396   | 0.15%  | 0.004% |
| 125        | 9.614  | 9.554  | 9.656  | VV | 2616   | 72939   | 0.76%  | 0.022% |
| 126        | 9.684  | 9.656  | 9.741  | VV | 1286   | 28171   | 0.29%  | 0.008% |
| 127        | 9.781  | 9.741  | 9.805  | VV | 304    | 8862    | 0.09%  | 0.003% |
| 128        | 9.826  | 9.805  | 9.836  | VV | 235    | 3534    | 0.04%  | 0.001% |
| 129        | 9.850  | 9.836  | 9.878  | VV | 324    | 4381    | 0.05%  | 0.001% |
| 130        | 9.916  | 9.878  | 9.925  | PV | 150    | 2283    | 0.02%  | 0.001% |
| 131        | 9.957  | 9.925  | 9.966  | VV | 123    | 2642    | 0.03%  | 0.001% |
| 132        | 10.071 | 9.966  | 10.090 | VV | 662    | 23952   | 0.25%  | 0.007% |
| 133        | 10.116 | 10.090 | 10.133 | VV | 799    | 14044   | 0.15%  | 0.004% |
| 134        | 10.166 | 10.133 | 10.205 | VV | 539    | 16600   | 0.17%  | 0.005% |
| 135        | 10.215 | 10.205 | 10.236 | VV | 421    | 6375    | 0.07%  | 0.002% |
| 136        | 10.261 | 10.236 | 10.285 | VV | 641    | 12242   | 0.13%  | 0.004% |
| 137        | 10.344 | 10.285 | 10.360 | VV | 2229   | 43457   | 0.45%  | 0.013% |
| 138        | 10.372 | 10.360 | 10.391 | VV | 1870   | 24295   | 0.25%  | 0.007% |
| 139        | 10.417 | 10.391 | 10.455 | VV | 1116   | 25112   | 0.26%  | 0.008% |
| 140        | 10.498 | 10.455 | 10.546 | VV | 926    | 25720   | 0.27%  | 0.008% |
| 141        | 10.557 | 10.546 | 10.591 | VV | 379    | 4792    | 0.05%  | 0.001% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 142 | 10.609 | 10.591 | 10.635 | VV | 181        | 2615    | 0.03%  | 0.001% |
| 143 | 10.661 | 10.635 | 10.681 | VV | 1531       | 21312   | 0.22%  | 0.006% |
| 144 | 10.698 | 10.681 | 10.720 | VV | 1401       | 20274   | 0.21%  | 0.006% |
| 145 | 10.738 | 10.720 | 10.791 | VV | 853        | 17549   | 0.18%  | 0.005% |
| 146 | 10.809 | 10.791 | 10.827 | PV | 323        | 2982    | 0.03%  | 0.001% |
| 147 | 10.865 | 10.827 | 10.880 | VV | 210        | 3356    | 0.03%  | 0.001% |
| 148 | 10.977 | 10.880 | 11.001 | VV | 345        | 9348    | 0.10%  | 0.003% |
| 149 | 11.088 | 11.001 | 11.113 | PV | 5466       | 84209   | 0.88%  | 0.025% |
| 150 | 11.120 | 11.113 | 11.163 | VV | 983        | 15991   | 0.17%  | 0.005% |
| 151 | 11.206 | 11.163 | 11.234 | VV | 566        | 15966   | 0.17%  | 0.005% |
| 152 | 11.275 | 11.234 | 11.290 | VV | 347        | 4991    | 0.05%  | 0.002% |
| 153 | 11.315 | 11.290 | 11.341 | PV | 598        | 8265    | 0.09%  | 0.002% |
| 154 | 11.350 | 11.341 | 11.362 | VV | 194        | 1618    | 0.02%  | 0.000% |
| 155 | 11.428 | 11.362 | 11.478 | PV | 258232     | 2795938 | 29.14% | 0.840% |
| 156 | 11.487 | 11.478 | 11.509 | VV | 886        | 13497   | 0.14%  | 0.004% |
| 157 | 11.528 | 11.509 | 11.540 | VV | 424        | 6968    | 0.07%  | 0.002% |
| 158 | 11.574 | 11.540 | 11.590 | VV | 1088       | 19423   | 0.20%  | 0.006% |
| 159 | 11.606 | 11.590 | 11.621 | VV | 1343       | 16651   | 0.17%  | 0.005% |
| 160 | 11.637 | 11.621 | 11.651 | VV | 752        | 9862    | 0.10%  | 0.003% |
| 161 | 11.665 | 11.651 | 11.687 | VV | 1159       | 13299   | 0.14%  | 0.004% |
| 162 | 11.722 | 11.687 | 11.735 | VV | 227        | 3880    | 0.04%  | 0.001% |
| 163 | 11.772 | 11.735 | 11.808 | VV | 2207       | 38833   | 0.40%  | 0.012% |
| 164 | 11.851 | 11.808 | 11.890 | VV | 916        | 26387   | 0.28%  | 0.008% |
| 165 | 12.035 | 11.890 | 12.116 | PV | 63335      | 1053143 | 10.98% | 0.317% |
| 166 | 12.137 | 12.116 | 12.180 | VV | 2674       | 69266   | 0.72%  | 0.021% |
| 167 | 12.203 | 12.180 | 12.218 | VV | 1274       | 25632   | 0.27%  | 0.008% |
| 168 | 12.244 | 12.218 | 12.295 | VV | 1340       | 39099   | 0.41%  | 0.012% |
| 169 | 12.355 | 12.295 | 12.375 | VV | 2025       | 44315   | 0.46%  | 0.013% |
| 170 | 12.390 | 12.375 | 12.405 | VV | 951        | 14399   | 0.15%  | 0.004% |
| 171 | 12.422 | 12.405 | 12.448 | VV | 2566       | 39735   | 0.41%  | 0.012% |
| 172 | 12.467 | 12.448 | 12.505 | VV | 4720       | 67231   | 0.70%  | 0.020% |
| 173 | 12.522 | 12.505 | 12.536 | VV | 920        | 12253   | 0.13%  | 0.004% |
| 174 | 12.569 | 12.536 | 12.586 | VV | 672        | 13784   | 0.14%  | 0.004% |
| 175 | 12.598 | 12.586 | 12.634 | PV | 558        | 7991    | 0.08%  | 0.002% |
| 176 | 12.668 | 12.634 | 12.691 | VV | 1248       | 26127   | 0.27%  | 0.008% |
| 177 | 12.711 | 12.691 | 12.736 | VV | 1109       | 17942   | 0.19%  | 0.005% |
| 178 | 12.764 | 12.736 | 12.827 | VV | 6951       | 121227  | 1.26%  | 0.036% |
| 179 | 12.868 | 12.827 | 12.925 | VV | 180741     | 2159967 | 22.51% | 0.649% |
| 180 | 12.951 | 12.925 | 13.014 | VV | 2297       | 63040   | 0.66%  | 0.019% |
| 181 | 13.037 | 13.014 | 13.048 | PV | 2563       | 31162   | 0.32%  | 0.009% |
| 182 | 13.085 | 13.048 | 13.126 | VV | 3118       | 103457  | 1.08%  | 0.031% |
| 183 | 13.135 | 13.126 | 13.147 | VV | 1091       | 12082   | 0.13%  | 0.004% |
| 184 | 13.188 | 13.147 | 13.199 | VV | 1986       | 44401   | 0.46%  | 0.013% |
| 185 | 13.261 | 13.199 | 13.334 | VV | 53574      | 903653  | 9.42%  | 0.272% |
| 186 | 13.350 | 13.334 | 13.376 | VV | 2860       | 50051   | 0.52%  | 0.015% |
| 187 | 13.395 | 13.376 | 13.440 | VV | 1678       | 45634   | 0.48%  | 0.014% |
| 188 | 13.466 | 13.440 | 13.478 | VV | 1814       | 30080   | 0.31%  | 0.009% |
| 189 | 13.493 | 13.478 | 13.515 | VV | 1504       | 25371   | 0.26%  | 0.008% |
| 190 | 13.528 | 13.515 | 13.548 | VV | 1922       | 29491   | 0.31%  | 0.009% |
| 191 | 13.563 | 13.548 | 13.588 | VV | 1628       | 31902   | 0.33%  | 0.010% |
| 192 | 13.622 | 13.588 | 13.648 | VV | 5555       | 111368  | 1.16%  | 0.033% |
| 193 | 13.663 | 13.648 | 13.688 | VV | 1936       | 25068   | 0.26%  | 0.008% |
| 194 | 13.710 | 13.688 | 13.724 | VV | 1356       | 17802   | 0.19%  | 0.005% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.759 | 13.724 | 13.777 | VV | 1314       | 29165   | 0.30%  | 0.009% |
| 196 | 13.841 | 13.777 | 13.858 | PV | 1561       | 47067   | 0.49%  | 0.014% |
| 197 | 13.882 | 13.858 | 13.891 | VV | 1605       | 19723   | 0.21%  | 0.006% |
| 198 | 13.914 | 13.891 | 13.924 | VV | 1213       | 20268   | 0.21%  | 0.006% |
| 199 | 13.935 | 13.924 | 13.944 | VV | 1158       | 11335   | 0.12%  | 0.003% |
| 200 | 13.970 | 13.944 | 13.983 | VV | 2238       | 38916   | 0.41%  | 0.012% |
| 201 | 14.005 | 13.983 | 14.036 | VV | 5111       | 105857  | 1.10%  | 0.032% |
| 202 | 14.074 | 14.036 | 14.098 | VV | 3025       | 95530   | 1.00%  | 0.029% |
| 203 | 14.115 | 14.098 | 14.141 | VV | 6002       | 90348   | 0.94%  | 0.027% |
| 204 | 14.183 | 14.141 | 14.207 | VV | 6194       | 153942  | 1.60%  | 0.046% |
| 205 | 14.227 | 14.207 | 14.238 | VV | 4916       | 79873   | 0.83%  | 0.024% |
| 206 | 14.255 | 14.238 | 14.269 | VV | 4164       | 70047   | 0.73%  | 0.021% |
| 207 | 14.284 | 14.269 | 14.305 | VV | 3807       | 69133   | 0.72%  | 0.021% |
| 208 | 14.323 | 14.305 | 14.364 | VV | 4090       | 94565   | 0.99%  | 0.028% |
| 209 | 14.421 | 14.364 | 14.431 | VV | 4481       | 125930  | 1.31%  | 0.038% |
| 210 | 14.451 | 14.431 | 14.468 | VV | 4757       | 88267   | 0.92%  | 0.027% |
| 211 | 14.482 | 14.468 | 14.505 | VV | 4386       | 66957   | 0.70%  | 0.020% |
| 212 | 14.519 | 14.505 | 14.532 | VV | 3526       | 49372   | 0.51%  | 0.015% |
| 213 | 14.569 | 14.532 | 14.586 | VV | 4158       | 113104  | 1.18%  | 0.034% |
| 214 | 14.632 | 14.586 | 14.652 | VV | 6968       | 202538  | 2.11%  | 0.061% |
| 215 | 14.673 | 14.652 | 14.695 | VV | 6604       | 139624  | 1.46%  | 0.042% |
| 216 | 14.721 | 14.695 | 14.751 | VV | 8010       | 200118  | 2.09%  | 0.060% |
| 217 | 14.771 | 14.751 | 14.818 | VV | 7571       | 237290  | 2.47%  | 0.071% |
| 218 | 14.839 | 14.818 | 14.855 | VV | 7364       | 144201  | 1.50%  | 0.043% |
| 219 | 14.870 | 14.855 | 14.897 | VV | 7167       | 156978  | 1.64%  | 0.047% |
| 220 | 14.949 | 14.897 | 14.992 | VV | 7676       | 371685  | 3.87%  | 0.112% |
| 221 | 15.026 | 14.992 | 15.057 | VV | 8538       | 283012  | 2.95%  | 0.085% |
| 222 | 15.097 | 15.057 | 15.108 | VV | 9776       | 268490  | 2.80%  | 0.081% |
| 223 | 15.235 | 15.108 | 15.269 | VV | 16090      | 1156516 | 12.05% | 0.348% |
| 224 | 15.305 | 15.269 | 15.326 | VV | 14816      | 428717  | 4.47%  | 0.129% |
| 225 | 15.355 | 15.326 | 15.378 | VV | 14094      | 378460  | 3.94%  | 0.114% |
| 226 | 15.467 | 15.378 | 15.523 | VV | 14644      | 1100311 | 11.47% | 0.331% |
| 227 | 15.601 | 15.523 | 15.614 | VV | 15933      | 754749  | 7.87%  | 0.227% |
| 228 | 15.635 | 15.614 | 15.650 | VV | 17683      | 348976  | 3.64%  | 0.105% |
| 229 | 15.668 | 15.650 | 15.684 | VV | 16890      | 326302  | 3.40%  | 0.098% |
| 230 | 15.738 | 15.684 | 15.768 | VV | 24991      | 959278  | 10.00% | 0.288% |
| 231 | 15.783 | 15.768 | 15.800 | VV | 18635      | 337956  | 3.52%  | 0.102% |
| 232 | 15.818 | 15.800 | 15.866 | VV | 18586      | 684735  | 7.14%  | 0.206% |
| 233 | 15.907 | 15.866 | 15.951 | VV | 23717      | 1050950 | 10.95% | 0.316% |
| 234 | 16.004 | 15.951 | 16.026 | VV | 27035      | 1042768 | 10.87% | 0.313% |
| 235 | 16.046 | 16.026 | 16.087 | VV | 25219      | 887134  | 9.25%  | 0.267% |
| 236 | 16.107 | 16.087 | 16.131 | VV | 29595      | 669178  | 6.97%  | 0.201% |
| 237 | 16.217 | 16.131 | 16.246 | VV | 36679      | 2026260 | 21.12% | 0.609% |
| 238 | 16.293 | 16.246 | 16.303 | VV | 33408      | 1036612 | 10.80% | 0.312% |
| 239 | 16.361 | 16.303 | 16.382 | VV | 37412      | 1592840 | 16.60% | 0.479% |
| 240 | 16.418 | 16.382 | 16.446 | VV | 37676      | 1321971 | 13.78% | 0.397% |
| 241 | 16.473 | 16.446 | 16.492 | VV | 37319      | 948364  | 9.88%  | 0.285% |
| 242 | 16.510 | 16.492 | 16.537 | VV | 35813      | 951951  | 9.92%  | 0.286% |
| 243 | 16.558 | 16.537 | 16.601 | VV | 38560      | 1392387 | 14.51% | 0.419% |
| 244 | 16.629 | 16.601 | 16.637 | VV | 37877      | 764473  | 7.97%  | 0.230% |
| 245 | 16.656 | 16.637 | 16.664 | VV | 41160      | 639762  | 6.67%  | 0.192% |
| 246 | 16.688 | 16.664 | 16.711 | VV | 56003      | 1362169 | 14.20% | 0.409% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 247 | 16.730 | 16.711 | 16.749 | VV | 50025      | 1024210 | 10.67% | 0.308% |
| 248 | 16.771 | 16.749 | 16.781 | VV | 43130      | 788168  | 8.21%  | 0.237% |
| 249 | 16.792 | 16.781 | 16.818 | VV | 42125      | 904552  | 9.43%  | 0.272% |
| 250 | 16.868 | 16.818 | 16.887 | VV | 47181      | 1863218 | 19.42% | 0.560% |
| 251 | 16.906 | 16.887 | 16.931 | VV | 53066      | 1293936 | 13.49% | 0.389% |
| 252 | 16.938 | 16.931 | 16.948 | VV | 46979      | 461516  | 4.81%  | 0.139% |
| 253 | 16.975 | 16.948 | 16.999 | VV | 52850      | 1506687 | 15.70% | 0.453% |
| 254 | 17.021 | 16.999 | 17.041 | VV | 51781      | 1261937 | 13.15% | 0.379% |
| 255 | 17.082 | 17.041 | 17.115 | VV | 56568      | 2301213 | 23.98% | 0.692% |
| 256 | 17.154 | 17.115 | 17.178 | VV | 61303      | 2104327 | 21.93% | 0.633% |
| 257 | 17.194 | 17.178 | 17.208 | VV | 57374      | 986907  | 10.29% | 0.297% |
| 258 | 17.231 | 17.208 | 17.261 | VV | 61737      | 1786131 | 18.62% | 0.537% |
| 259 | 17.296 | 17.261 | 17.312 | VV | 62202      | 1716011 | 17.88% | 0.516% |
| 260 | 17.321 | 17.312 | 17.371 | VV | 57185      | 1955761 | 20.38% | 0.588% |
| 261 | 17.390 | 17.371 | 17.402 | VV | 56529      | 1031699 | 10.75% | 0.310% |
| 262 | 17.418 | 17.402 | 17.434 | VV | 59854      | 1079168 | 11.25% | 0.324% |
| 263 | 17.454 | 17.434 | 17.467 | VV | 64856      | 1196980 | 12.48% | 0.360% |
| 264 | 17.504 | 17.467 | 17.514 | VV | 65507      | 1798902 | 18.75% | 0.541% |
| 265 | 17.565 | 17.514 | 17.587 | VV | 76153      | 2999673 | 31.26% | 0.902% |
| 266 | 17.601 | 17.587 | 17.646 | VV | 66673      | 2214232 | 23.08% | 0.666% |
| 267 | 17.697 | 17.646 | 17.777 | VV | 87593      | 5561072 | 57.96% | 1.672% |
| 268 | 17.792 | 17.777 | 17.814 | VV | 67267      | 1459699 | 15.21% | 0.439% |
| 269 | 17.890 | 17.814 | 17.915 | VV | 74108      | 4150883 | 43.26% | 1.248% |
| 270 | 17.936 | 17.915 | 17.962 | VV | 72330      | 1959096 | 20.42% | 0.589% |
| 271 | 17.991 | 17.962 | 18.014 | VV | 76144      | 2251433 | 23.46% | 0.677% |
| 272 | 18.062 | 18.014 | 18.131 | VV | 94603      | 5621260 | 58.59% | 1.690% |
| 273 | 18.142 | 18.131 | 18.155 | VV | 77564      | 1103404 | 11.50% | 0.332% |
| 274 | 18.198 | 18.155 | 18.219 | VV | 82103      | 2950201 | 30.75% | 0.887% |
| 275 | 18.236 | 18.219 | 18.248 | VV | 79839      | 1357159 | 14.14% | 0.408% |
| 276 | 18.273 | 18.248 | 18.288 | VV | 81687      | 1879849 | 19.59% | 0.565% |
| 277 | 18.300 | 18.288 | 18.318 | VV | 79861      | 1410671 | 14.70% | 0.424% |
| 278 | 18.394 | 18.318 | 18.425 | VV | 86106      | 5201264 | 54.21% | 1.564% |
| 279 | 18.447 | 18.425 | 18.463 | VV | 84679      | 1885640 | 19.65% | 0.567% |
| 280 | 18.486 | 18.463 | 18.511 | VV | 100980     | 2596711 | 27.06% | 0.781% |
| 281 | 18.534 | 18.511 | 18.559 | VV | 101927     | 2651239 | 27.63% | 0.797% |
| 282 | 18.568 | 18.559 | 18.583 | VV | 88183      | 1270426 | 13.24% | 0.382% |
| 283 | 18.607 | 18.583 | 18.618 | VV | 90035      | 1864212 | 19.43% | 0.560% |
| 284 | 18.630 | 18.618 | 18.645 | VV | 91157      | 1425573 | 14.86% | 0.429% |
| 285 | 18.660 | 18.645 | 18.678 | VV | 96719      | 1865477 | 19.44% | 0.561% |
| 286 | 18.695 | 18.678 | 18.711 | VV | 96672      | 1837575 | 19.15% | 0.552% |
| 287 | 18.727 | 18.711 | 18.740 | VV | 95205      | 1598597 | 16.66% | 0.481% |
| 288 | 18.762 | 18.740 | 18.778 | VV | 96515      | 2121093 | 22.11% | 0.638% |
| 289 | 18.827 | 18.778 | 18.848 | VV | 103564     | 4202047 | 43.79% | 1.263% |
| 290 | 18.881 | 18.848 | 18.941 | VV | 106924     | 5586780 | 58.23% | 1.679% |
| 291 | 19.007 | 18.941 | 19.035 | VV | 101436     | 5537575 | 57.71% | 1.665% |
| 292 | 19.053 | 19.035 | 19.064 | VV | 101243     | 1728001 | 18.01% | 0.519% |
| 293 | 19.077 | 19.064 | 19.094 | VV | 100615     | 1756542 | 18.31% | 0.528% |
| 294 | 19.115 | 19.094 | 19.137 | VV | 101858     | 2544362 | 26.52% | 0.765% |
| 295 | 19.187 | 19.137 | 19.256 | VV | 113041     | 7594540 | 79.15% | 2.283% |
| 296 | 19.289 | 19.256 | 19.326 | VV | 113035     | 4453015 | 46.41% | 1.339% |
| 297 | 19.343 | 19.326 | 19.355 | VV | 106684     | 1851967 | 19.30% | 0.557% |
| 298 | 19.377 | 19.355 | 19.394 | VV | 110204     | 2459750 | 25.64% | 0.739% |
| 299 | 19.445 | 19.394 | 19.463 | VV | 113897     | 4625638 | 48.21% | 1.390% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     | rteres.txt              |           |         |        |
| 300 | 19.481 | 19.463 | 19.492 | VV  | 117083                  | 1938510   | 20.20%  | 0.583% |
| 301 | 19.515 | 19.492 | 19.535 | VV  | 123886                  | 3050540   | 31.79%  | 0.917% |
| 302 | 19.552 | 19.535 | 19.564 | VV  | 122515                  | 2085943   | 21.74%  | 0.627% |
| 303 | 19.587 | 19.564 | 19.658 | VV  | 125974                  | 6477214   | 67.51%  | 1.947% |
| 304 | 19.696 | 19.658 | 19.708 | VV  | 120243                  | 3443943   | 35.89%  | 1.035% |
| 305 | 19.716 | 19.708 | 19.734 | VV  | 118670                  | 1790302   | 18.66%  | 0.538% |
| 306 | 19.810 | 19.734 | 19.827 | VV  | 133846                  | 7061206   | 73.59%  | 2.123% |
| 307 | 19.863 | 19.827 | 19.881 | VV  | 130712                  | 4084928   | 42.57%  | 1.228% |
| 308 | 19.899 | 19.881 | 19.908 | VV  | 132021                  | 2094951   | 21.83%  | 0.630% |
| 309 | 19.922 | 19.908 | 19.940 | VV  | 132363                  | 2510541   | 26.17%  | 0.755% |
| 310 | 19.972 | 19.940 | 19.998 | VV  | 136282                  | 4562724   | 47.55%  | 1.372% |
| 311 | 20.035 | 19.998 | 20.051 | VV  | 137038                  | 4193819   | 43.71%  | 1.261% |
| 312 | 20.071 | 20.051 | 20.095 | VV  | 140293                  | 3617470   | 37.70%  | 1.087% |
| 313 | 20.132 | 20.095 | 20.169 | VV  | 142028                  | 6145150   | 64.05%  | 1.847% |
| 314 | 20.210 | 20.169 | 20.223 | VV  | 138920                  | 4416026   | 46.02%  | 1.327% |
| 315 | 20.259 | 20.223 | 20.264 | VV  | 145256                  | 3531776   | 36.81%  | 1.062% |
| 316 | 20.279 | 20.264 | 20.306 | VV  | 152099                  | 3622824   | 37.76%  | 1.089% |
| 317 | 20.320 | 20.306 | 20.331 | VV  | 146936                  | 2225923   | 23.20%  | 0.669% |
| 318 | 20.353 | 20.331 | 20.449 | VV  | 145944                  | 9594901   | 100.00% | 2.884% |
| 319 | 20.471 | 20.449 | 20.490 | VV  | 133848                  | 3161636   | 32.95%  | 0.950% |
| 320 | 20.509 | 20.490 | 20.531 | VV  | 134243                  | 3250558   | 33.88%  | 0.977% |
| 321 | 20.552 | 20.531 | 20.560 | VV  | 135536                  | 2290598   | 23.87%  | 0.689% |
| 322 | 20.580 | 20.560 | 20.598 | VV  | 138283                  | 3069599   | 31.99%  | 0.923% |
| 323 | 20.619 | 20.598 | 20.681 | VV  | 137206                  | 6399637   | 66.70%  | 1.924% |
| 324 | 20.688 | 20.681 | 20.717 | VV  | 123485                  | 2579712   | 26.89%  | 0.775% |
| 325 | 20.727 | 20.717 | 20.764 | VV  | 116630                  | 3218888   | 33.55%  | 0.968% |
| 326 | 20.793 | 20.764 | 20.801 | VV  | 119296                  | 2526150   | 26.33%  | 0.759% |
| 327 | 20.810 | 20.801 | 20.820 | VV  | 117715                  | 1332376   | 13.89%  | 0.401% |
| 328 | 20.891 | 20.820 | 20.906 | VV  | 123958                  | 6148996   | 64.09%  | 1.848% |
| 329 | 20.925 | 20.906 | 20.997 | VV  | 123017                  | 6334042   | 66.01%  | 1.904% |
| 330 | 21.006 | 20.997 | 21.028 | VV  | 113557                  | 2063762   | 21.51%  | 0.620% |
| 331 | 21.034 | 21.028 | 21.085 | VV  | 110723                  | 3553332   | 37.03%  | 1.068% |
| 332 | 21.092 | 21.085 | 21.098 | VV  | 103125                  | 799851    | 8.34%   | 0.240% |
| 333 | 21.111 | 21.098 | 21.134 | VV  | 107689                  | 2315152   | 24.13%  | 0.696% |
| 334 | 21.154 | 21.134 | 21.182 | VV  | 110584                  | 3063023   | 31.92%  | 0.921% |
| 335 | 21.193 | 21.182 | 21.221 | VV  | 106895                  | 2455407   | 25.59%  | 0.738% |
| 336 | 21.242 | 21.221 | 21.269 | VV  | 106152                  | 2957749   | 30.83%  | 0.889% |
| 337 | 21.279 | 21.269 | 21.315 | VV  | 101953                  | 2713140   | 28.28%  | 0.816% |
| 338 | 21.324 | 21.315 | 21.364 | VV  | 93375                   | 2712606   | 28.27%  | 0.815% |
| 339 | 21.378 | 21.364 | 21.426 | VV  | 89173                   | 3128338   | 32.60%  | 0.940% |
| 340 | 21.439 | 21.426 | 21.448 | VV  | 82065                   | 1085909   | 11.32%  | 0.326% |
| 341 | 21.479 | 21.448 | 21.500 | VV  | 86889                   | 2595254   | 27.05%  | 0.780% |
| 342 | 21.519 | 21.500 | 21.545 | VV  | 89664                   | 2350576   | 24.50%  | 0.707% |
| 343 | 21.582 | 21.545 | 21.597 | VV  | 86902                   | 2685649   | 27.99%  | 0.807% |
| 344 | 21.611 | 21.597 | 21.717 | VV  | 86507                   | 5763858   | 60.07%  | 1.733% |
| 345 | 21.734 | 21.717 | 21.752 | VV  | 75596                   | 1574111   | 16.41%  | 0.473% |
| 346 | 21.790 | 21.752 | 21.801 | VBA | 76565                   | 2360471   | 24.60%  | 0.710% |
|     |        |        |        |     | Sum of corrected areas: | 332662107 |         |        |