

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082118AL\  
 Data File : FC035999.D  
 Signal(s) : FID1A.CH  
 Acq On : 21 Aug 2018 22:36  
 Sample : J4282-09MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.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         | 3.218       | 3.182        | 3.324      | BV       | 172070         | 1522900      | 3.34%          | 0.185%        |
| 2         | 3.341       | 3.324        | 3.383      | VV       | 450            | 10082        | 0.02%          | 0.001%        |
| 3         | 3.406       | 3.383        | 3.443      | VV       | 385            | 8615         | 0.02%          | 0.001%        |
| 4         | 3.454       | 3.443        | 3.469      | VV       | 169            | 2029         | 0.00%          | 0.000%        |
| 5         | 3.519       | 3.469        | 3.575      | VV       | 404            | 14732        | 0.03%          | 0.002%        |
| 6         | 3.594       | 3.575        | 3.612      | VV       | 497            | 6433         | 0.01%          | 0.001%        |
| 7         | 3.629       | 3.612        | 3.652      | VV       | 290            | 4694         | 0.01%          | 0.001%        |
| 8         | 3.661       | 3.652        | 3.683      | VV       | 290            | 3067         | 0.01%          | 0.000%        |
| 9         | 3.709       | 3.683        | 3.740      | VV       | 609            | 9740         | 0.02%          | 0.001%        |
| 10        | 3.755       | 3.740        | 3.776      | VV       | 359            | 4160         | 0.01%          | 0.001%        |
| 11        | 3.793       | 3.776        | 3.848      | VV       | 397            | 7959         | 0.02%          | 0.001%        |
| 12        | 3.889       | 3.848        | 3.957      | PV       | 642            | 20016        | 0.04%          | 0.002%        |
| 13        | 3.981       | 3.957        | 4.003      | VV       | 1103           | 13647        | 0.03%          | 0.002%        |
| 14        | 4.026       | 4.003        | 4.037      | VV       | 705            | 8779         | 0.02%          | 0.001%        |
| 15        | 4.047       | 4.037        | 4.072      | VV       | 1097           | 14206        | 0.03%          | 0.002%        |
| 16        | 4.083       | 4.072        | 4.146      | VV       | 656            | 15442        | 0.03%          | 0.002%        |
| 17        | 4.160       | 4.146        | 4.212      | VV       | 239            | 5004         | 0.01%          | 0.001%        |
| 18        | 4.232       | 4.212        | 4.255      | VV       | 238            | 3618         | 0.01%          | 0.000%        |
| 19        | 4.285       | 4.255        | 4.304      | VV       | 218286         | 1947901      | 4.27%          | 0.237%        |
| 20        | 4.322       | 4.304        | 4.371      | VV       | 254787         | 2321786      | 5.09%          | 0.282%        |
| 21        | 4.386       | 4.371        | 4.408      | VV       | 2840           | 34054        | 0.07%          | 0.004%        |
| 22        | 4.428       | 4.408        | 4.469      | VV       | 7826           | 81984        | 0.18%          | 0.010%        |
| 23        | 4.494       | 4.469        | 4.557      | VV       | 3769           | 68611        | 0.15%          | 0.008%        |
| 24        | 4.567       | 4.557        | 4.599      | VV       | 587            | 11912        | 0.03%          | 0.001%        |
| 25        | 4.624       | 4.599        | 4.676      | VV       | 818            | 22809        | 0.05%          | 0.003%        |
| 26        | 4.689       | 4.676        | 4.710      | VV       | 480            | 7833         | 0.02%          | 0.001%        |
| 27        | 4.735       | 4.710        | 4.802      | VV       | 821            | 18210        | 0.04%          | 0.002%        |
| 28        | 4.845       | 4.802        | 4.867      | VV       | 762            | 13940        | 0.03%          | 0.002%        |
| 29        | 4.878       | 4.867        | 4.894      | VV       | 323            | 4675         | 0.01%          | 0.001%        |
| 30        | 4.917       | 4.894        | 4.947      | VV       | 1550           | 20267        | 0.04%          | 0.002%        |
| 31        | 4.973       | 4.947        | 4.988      | VV       | 1393           | 15685        | 0.03%          | 0.002%        |
| 32        | 4.997       | 4.988        | 5.014      | VV       | 557            | 5630         | 0.01%          | 0.001%        |
| 33        | 5.022       | 5.014        | 5.037      | VV       | 298            | 3242         | 0.01%          | 0.000%        |
| 34        | 5.052       | 5.037        | 5.071      | VV       | 440            | 4279         | 0.01%          | 0.001%        |
| 35        | 5.109       | 5.071        | 5.127      | VV       | 859            | 15464        | 0.03%          | 0.002%        |
| 36        | 5.141       | 5.127        | 5.194      | VV       | 773            | 14984        | 0.03%          | 0.002%        |

| rteres.txt |       |       |       |    |        |         |        |        |
|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 37         | 5.205 | 5.194 | 5.229 | VV | 360    | 4128    | 0.01%  | 0.001% |
| 38         | 5.239 | 5.229 | 5.249 | PV | 187    | 1142    | 0.00%  | 0.000% |
| 39         | 5.265 | 5.249 | 5.281 | VV | 354    | 3759    | 0.01%  | 0.000% |
| 40         | 5.288 | 5.281 | 5.298 | VV | 271    | 1737    | 0.00%  | 0.000% |
| 41         | 5.319 | 5.298 | 5.341 | VV | 2184   | 24759   | 0.05%  | 0.003% |
| 42         | 5.360 | 5.341 | 5.386 | VV | 1023   | 16698   | 0.04%  | 0.002% |
| 43         | 5.418 | 5.386 | 5.474 | VV | 388    | 9212    | 0.02%  | 0.001% |
| 44         | 5.501 | 5.474 | 5.534 | VV | 1287   | 14412   | 0.03%  | 0.002% |
| 45         | 5.595 | 5.534 | 5.608 | PV | 2539   | 49324   | 0.11%  | 0.006% |
| 46         | 5.617 | 5.608 | 5.638 | VV | 1536   | 19748   | 0.04%  | 0.002% |
| 47         | 5.648 | 5.638 | 5.670 | VV | 935    | 11339   | 0.02%  | 0.001% |
| 48         | 5.684 | 5.670 | 5.701 | VV | 412    | 5745    | 0.01%  | 0.001% |
| 49         | 5.709 | 5.701 | 5.727 | VV | 286    | 3945    | 0.01%  | 0.000% |
| 50         | 5.733 | 5.727 | 5.742 | VV | 332    | 2251    | 0.00%  | 0.000% |
| 51         | 5.758 | 5.742 | 5.789 | VV | 1292   | 16008   | 0.04%  | 0.002% |
| 52         | 5.859 | 5.789 | 5.891 | VV | 612400 | 5694024 | 12.49% | 0.692% |
| 53         | 5.906 | 5.891 | 5.977 | VV | 9168   | 152813  | 0.34%  | 0.019% |
| 54         | 5.991 | 5.977 | 6.014 | VV | 1209   | 21627   | 0.05%  | 0.003% |
| 55         | 6.033 | 6.014 | 6.057 | VV | 1039   | 21109   | 0.05%  | 0.003% |
| 56         | 6.078 | 6.057 | 6.124 | VV | 1040   | 29496   | 0.06%  | 0.004% |
| 57         | 6.142 | 6.124 | 6.174 | VV | 1352   | 22436   | 0.05%  | 0.003% |
| 58         | 6.219 | 6.174 | 6.237 | VV | 977    | 20056   | 0.04%  | 0.002% |
| 59         | 6.248 | 6.237 | 6.267 | VV | 593    | 8354    | 0.02%  | 0.001% |
| 60         | 6.298 | 6.267 | 6.391 | VV | 248410 | 2464362 | 5.40%  | 0.299% |
| 61         | 6.407 | 6.391 | 6.431 | VV | 1054   | 17813   | 0.04%  | 0.002% |
| 62         | 6.446 | 6.431 | 6.467 | VV | 745    | 10595   | 0.02%  | 0.001% |
| 63         | 6.492 | 6.467 | 6.531 | VV | 1186   | 16332   | 0.04%  | 0.002% |
| 64         | 6.570 | 6.531 | 6.587 | VV | 1061   | 11435   | 0.03%  | 0.001% |
| 65         | 6.609 | 6.587 | 6.657 | PV | 1462   | 26363   | 0.06%  | 0.003% |
| 66         | 6.688 | 6.657 | 6.705 | VV | 1367   | 21513   | 0.05%  | 0.003% |
| 67         | 6.718 | 6.705 | 6.737 | VV | 698    | 8946    | 0.02%  | 0.001% |
| 68         | 6.767 | 6.737 | 6.794 | VV | 521    | 10141   | 0.02%  | 0.001% |
| 69         | 6.816 | 6.794 | 6.834 | VV | 3794   | 39803   | 0.09%  | 0.005% |
| 70         | 6.850 | 6.834 | 6.872 | VV | 1374   | 17916   | 0.04%  | 0.002% |
| 71         | 6.910 | 6.872 | 6.982 | VV | 441108 | 4318816 | 9.47%  | 0.525% |
| 72         | 6.997 | 6.982 | 7.018 | VV | 3331   | 51315   | 0.11%  | 0.006% |
| 73         | 7.042 | 7.018 | 7.082 | VV | 74021  | 765494  | 1.68%  | 0.093% |
| 74         | 7.101 | 7.082 | 7.141 | VV | 1586   | 42011   | 0.09%  | 0.005% |
| 75         | 7.153 | 7.141 | 7.169 | VV | 678    | 11035   | 0.02%  | 0.001% |
| 76         | 7.216 | 7.169 | 7.240 | VV | 2962   | 53842   | 0.12%  | 0.007% |
| 77         | 7.271 | 7.240 | 7.324 | VV | 1303   | 31503   | 0.07%  | 0.004% |
| 78         | 7.345 | 7.324 | 7.367 | VV | 601    | 9041    | 0.02%  | 0.001% |
| 79         | 7.389 | 7.367 | 7.417 | VV | 1489   | 20264   | 0.04%  | 0.002% |
| 80         | 7.434 | 7.417 | 7.462 | VV | 940    | 11092   | 0.02%  | 0.001% |
| 81         | 7.521 | 7.462 | 7.602 | PV | 498384 | 4961350 | 10.88% | 0.603% |
| 82         | 7.631 | 7.602 | 7.706 | VV | 32071  | 390807  | 0.86%  | 0.047% |
| 83         | 7.729 | 7.706 | 7.752 | VV | 1592   | 26434   | 0.06%  | 0.003% |
| 84         | 7.785 | 7.752 | 7.821 | VV | 19399  | 253789  | 0.56%  | 0.031% |
| 85         | 7.833 | 7.821 | 7.846 | VV | 2519   | 31474   | 0.07%  | 0.004% |
| 86         | 7.883 | 7.846 | 7.941 | VV | 29270  | 617996  | 1.36%  | 0.075% |
| 87         | 7.958 | 7.941 | 7.972 | VV | 2717   | 36397   | 0.08%  | 0.004% |
| 88         | 7.999 | 7.972 | 8.015 | VV | 64515  | 718793  | 1.58%  | 0.087% |
| 89         | 8.027 | 8.015 | 8.047 | VV | 40003  | 417298  | 0.92%  | 0.051% |

| rteres.txt |        |        |        |    |         |          |        |        |
|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 90         | 8.085  | 8.047  | 8.121  | VV | 254822  | 2783853  | 6.11%  | 0.338% |
| 91         | 8.181  | 8.121  | 8.225  | VV | 376523  | 4405435  | 9.66%  | 0.535% |
| 92         | 8.234  | 8.225  | 8.251  | VV | 3451    | 42017    | 0.09%  | 0.005% |
| 93         | 8.271  | 8.251  | 8.295  | VV | 15971   | 167764   | 0.37%  | 0.020% |
| 94         | 8.321  | 8.295  | 8.344  | VV | 2298    | 35105    | 0.08%  | 0.004% |
| 95         | 8.380  | 8.344  | 8.411  | VV | 342307  | 3499410  | 7.67%  | 0.425% |
| 96         | 8.429  | 8.411  | 8.449  | VV | 12642   | 168430   | 0.37%  | 0.020% |
| 97         | 8.480  | 8.449  | 8.505  | VV | 651199  | 6688917  | 14.67% | 0.813% |
| 98         | 8.524  | 8.505  | 8.565  | VV | 22740   | 294244   | 0.65%  | 0.036% |
| 99         | 8.592  | 8.565  | 8.607  | VV | 10428   | 132665   | 0.29%  | 0.016% |
| 100        | 8.620  | 8.607  | 8.654  | VV | 7281    | 117123   | 0.26%  | 0.014% |
| 101        | 8.667  | 8.654  | 8.682  | VV | 2832    | 32678    | 0.07%  | 0.004% |
| 102        | 8.716  | 8.682  | 8.727  | VV | 30144   | 342571   | 0.75%  | 0.042% |
| 103        | 8.747  | 8.727  | 8.774  | VV | 204683  | 2135459  | 4.68%  | 0.260% |
| 104        | 8.787  | 8.774  | 8.824  | VV | 7095    | 139089   | 0.31%  | 0.017% |
| 105        | 8.840  | 8.824  | 8.862  | VV | 7288    | 99441    | 0.22%  | 0.012% |
| 106        | 8.885  | 8.862  | 8.906  | VV | 20723   | 268733   | 0.59%  | 0.033% |
| 107        | 8.924  | 8.906  | 8.971  | VV | 26021   | 332789   | 0.73%  | 0.040% |
| 108        | 8.986  | 8.971  | 9.008  | VV | 1340    | 18095    | 0.04%  | 0.002% |
| 109        | 9.040  | 9.008  | 9.056  | VV | 24064   | 272867   | 0.60%  | 0.033% |
| 110        | 9.071  | 9.056  | 9.100  | VV | 20237   | 228411   | 0.50%  | 0.028% |
| 111        | 9.120  | 9.100  | 9.136  | VV | 5431    | 64445    | 0.14%  | 0.008% |
| 112        | 9.176  | 9.136  | 9.198  | VV | 23597   | 356711   | 0.78%  | 0.043% |
| 113        | 9.215  | 9.198  | 9.229  | VV | 6439    | 78255    | 0.17%  | 0.010% |
| 114        | 9.260  | 9.229  | 9.311  | VV | 733051  | 7814970  | 17.14% | 0.950% |
| 115        | 9.335  | 9.311  | 9.351  | VV | 31953   | 368941   | 0.81%  | 0.045% |
| 116        | 9.375  | 9.351  | 9.386  | VV | 21742   | 330256   | 0.72%  | 0.040% |
| 117        | 9.406  | 9.386  | 9.426  | VV | 60861   | 788054   | 1.73%  | 0.096% |
| 118        | 9.434  | 9.426  | 9.447  | VV | 16612   | 169777   | 0.37%  | 0.021% |
| 119        | 9.466  | 9.447  | 9.497  | VV | 44115   | 554505   | 1.22%  | 0.067% |
| 120        | 9.519  | 9.497  | 9.546  | VV | 8741    | 157135   | 0.34%  | 0.019% |
| 121        | 9.577  | 9.546  | 9.604  | VV | 65713   | 815123   | 1.79%  | 0.099% |
| 122        | 9.627  | 9.604  | 9.645  | VV | 8976    | 170791   | 0.37%  | 0.021% |
| 123        | 9.677  | 9.645  | 9.718  | VV | 348553  | 4065801  | 8.92%  | 0.494% |
| 124        | 9.737  | 9.718  | 9.756  | VV | 17019   | 209672   | 0.46%  | 0.025% |
| 125        | 9.771  | 9.756  | 9.801  | VV | 6986    | 113174   | 0.25%  | 0.014% |
| 126        | 9.843  | 9.801  | 9.914  | VV | 7975    | 169680   | 0.37%  | 0.021% |
| 127        | 9.939  | 9.914  | 9.969  | PV | 11177   | 135134   | 0.30%  | 0.016% |
| 128        | 9.998  | 9.969  | 10.014 | VV | 8790    | 111549   | 0.24%  | 0.014% |
| 129        | 10.026 | 10.014 | 10.037 | VV | 4100    | 47329    | 0.10%  | 0.006% |
| 130        | 10.050 | 10.037 | 10.083 | VV | 5538    | 113866   | 0.25%  | 0.014% |
| 131        | 10.134 | 10.083 | 10.155 | VV | 72373   | 1106637  | 2.43%  | 0.134% |
| 132        | 10.173 | 10.155 | 10.214 | VV | 34621   | 458478   | 1.01%  | 0.056% |
| 133        | 10.251 | 10.214 | 10.283 | VV | 44128   | 743231   | 1.63%  | 0.090% |
| 134        | 10.303 | 10.283 | 10.361 | VV | 72206   | 1054990  | 2.31%  | 0.128% |
| 135        | 10.386 | 10.361 | 10.398 | VV | 9567    | 135754   | 0.30%  | 0.016% |
| 136        | 10.423 | 10.398 | 10.430 | VV | 45605   | 504618   | 1.11%  | 0.061% |
| 137        | 10.454 | 10.430 | 10.501 | VV | 138464  | 2196650  | 4.82%  | 0.267% |
| 138        | 10.528 | 10.501 | 10.540 | VV | 8827    | 166963   | 0.37%  | 0.020% |
| 139        | 10.562 | 10.540 | 10.584 | VV | 23534   | 365722   | 0.80%  | 0.044% |
| 140        | 10.676 | 10.584 | 10.707 | VV | 2273763 | 35283691 | 77.38% | 4.288% |
| 141        | 10.741 | 10.707 | 10.792 | VV | 1079865 | 12864247 | 28.21% | 1.563% |

| rteres.txt |        |        |        |    |         |          |         |        |
|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 142        | 10.806 | 10.792 | 10.820 | VV | 13107   | 162479   | 0.36%   | 0.020% |
| 143        | 10.828 | 10.820 | 10.852 | VV | 9310    | 133434   | 0.29%   | 0.016% |
| 144        | 10.865 | 10.852 | 10.877 | VV | 6069    | 70407    | 0.15%   | 0.009% |
| 145        | 10.896 | 10.877 | 10.919 | VV | 22870   | 279267   | 0.61%   | 0.034% |
|            |        |        |        |    |         |          |         |        |
| 146        | 10.944 | 10.919 | 10.983 | VV | 163422  | 1966559  | 4.31%   | 0.239% |
| 147        | 11.012 | 10.983 | 11.028 | VV | 8235    | 150243   | 0.33%   | 0.018% |
| 148        | 11.049 | 11.028 | 11.070 | VV | 16607   | 273051   | 0.60%   | 0.033% |
| 149        | 11.116 | 11.070 | 11.141 | VV | 253331  | 3089482  | 6.78%   | 0.375% |
| 150        | 11.188 | 11.141 | 11.214 | VV | 48767   | 1175886  | 2.58%   | 0.143% |
|            |        |        |        |    |         |          |         |        |
| 151        | 11.253 | 11.214 | 11.276 | VV | 27736   | 486734   | 1.07%   | 0.059% |
| 152        | 11.301 | 11.276 | 11.322 | VV | 30550   | 390912   | 0.86%   | 0.048% |
| 153        | 11.343 | 11.322 | 11.364 | VV | 17282   | 235541   | 0.52%   | 0.029% |
| 154        | 11.373 | 11.364 | 11.387 | VV | 4455    | 51968    | 0.11%   | 0.006% |
| 155        | 11.424 | 11.387 | 11.440 | VV | 332001  | 3845407  | 8.43%   | 0.467% |
|            |        |        |        |    |         |          |         |        |
| 156        | 11.453 | 11.440 | 11.469 | VV | 211279  | 2578737  | 5.66%   | 0.313% |
| 157        | 11.486 | 11.469 | 11.524 | VV | 316919  | 3630062  | 7.96%   | 0.441% |
| 158        | 11.570 | 11.524 | 11.587 | VV | 388076  | 5664027  | 12.42%  | 0.688% |
| 159        | 11.601 | 11.587 | 11.615 | VV | 137855  | 1549831  | 3.40%   | 0.188% |
| 160        | 11.632 | 11.615 | 11.661 | VV | 213977  | 2457048  | 5.39%   | 0.299% |
|            |        |        |        |    |         |          |         |        |
| 161        | 11.678 | 11.661 | 11.691 | VV | 9126    | 108188   | 0.24%   | 0.013% |
| 162        | 11.714 | 11.691 | 11.737 | VV | 21045   | 302038   | 0.66%   | 0.037% |
| 163        | 11.778 | 11.737 | 11.794 | VV | 14294   | 260682   | 0.57%   | 0.032% |
| 164        | 11.817 | 11.794 | 11.893 | VV | 77008   | 1347447  | 2.96%   | 0.164% |
| 165        | 11.921 | 11.893 | 11.962 | VV | 174649  | 2146637  | 4.71%   | 0.261% |
|            |        |        |        |    |         |          |         |        |
| 166        | 11.979 | 11.962 | 12.010 | VV | 16353   | 298008   | 0.65%   | 0.036% |
| 167        | 12.029 | 12.010 | 12.045 | VV | 14529   | 206983   | 0.45%   | 0.025% |
| 168        | 12.065 | 12.045 | 12.086 | VV | 21217   | 296687   | 0.65%   | 0.036% |
| 169        | 12.102 | 12.086 | 12.132 | VV | 6002    | 135509   | 0.30%   | 0.016% |
| 170        | 12.169 | 12.132 | 12.180 | VV | 28734   | 420452   | 0.92%   | 0.051% |
|            |        |        |        |    |         |          |         |        |
| 171        | 12.191 | 12.180 | 12.215 | VV | 28671   | 375157   | 0.82%   | 0.046% |
| 172        | 12.239 | 12.215 | 12.282 | VV | 54369   | 1020827  | 2.24%   | 0.124% |
| 173        | 12.315 | 12.282 | 12.334 | VV | 108431  | 1469609  | 3.22%   | 0.179% |
| 174        | 12.353 | 12.334 | 12.378 | VV | 99583   | 1606228  | 3.52%   | 0.195% |
| 175        | 12.426 | 12.378 | 12.443 | VV | 271676  | 4232151  | 9.28%   | 0.514% |
|            |        |        |        |    |         |          |         |        |
| 176        | 12.500 | 12.443 | 12.519 | VV | 2414691 | 45597023 | 100.00% | 5.541% |
| 177        | 12.535 | 12.519 | 12.554 | VV | 47824   | 487453   | 1.07%   | 0.059% |
| 178        | 12.566 | 12.554 | 12.582 | VV | 10700   | 127911   | 0.28%   | 0.016% |
| 179        | 12.604 | 12.582 | 12.620 | VV | 33529   | 426851   | 0.94%   | 0.052% |
| 180        | 12.649 | 12.620 | 12.676 | VV | 143321  | 2124037  | 4.66%   | 0.258% |
|            |        |        |        |    |         |          |         |        |
| 181        | 12.699 | 12.676 | 12.732 | VV | 59983   | 1126835  | 2.47%   | 0.137% |
| 182        | 12.794 | 12.732 | 12.809 | VV | 2098621 | 35560559 | 77.99%  | 4.321% |
| 183        | 12.827 | 12.809 | 12.840 | VV | 325439  | 3571870  | 7.83%   | 0.434% |
| 184        | 12.859 | 12.840 | 12.891 | VV | 489146  | 6676028  | 14.64%  | 0.811% |
| 185        | 12.906 | 12.891 | 12.916 | VV | 17067   | 205908   | 0.45%   | 0.025% |
|            |        |        |        |    |         |          |         |        |
| 186        | 12.938 | 12.916 | 12.950 | VV | 94133   | 1127311  | 2.47%   | 0.137% |
| 187        | 12.963 | 12.950 | 12.992 | VV | 106181  | 1252675  | 2.75%   | 0.152% |
| 188        | 13.031 | 12.992 | 13.077 | PV | 370267  | 4759990  | 10.44%  | 0.578% |
| 189        | 13.104 | 13.077 | 13.126 | VV | 62377   | 932902   | 2.05%   | 0.113% |
| 190        | 13.158 | 13.126 | 13.190 | VV | 79888   | 1271800  | 2.79%   | 0.155% |
|            |        |        |        |    |         |          |         |        |
| 191        | 13.222 | 13.190 | 13.247 | VV | 161156  | 2316969  | 5.08%   | 0.282% |
| 192        | 13.255 | 13.247 | 13.292 | VV | 12701   | 222564   | 0.49%   | 0.027% |
| 193        | 13.356 | 13.292 | 13.391 | VV | 424039  | 6760161  | 14.83%  | 0.822% |
| 194        | 13.420 | 13.391 | 13.434 | VV | 31640   | 502654   | 1.10%   | 0.061% |

|     |        |        |        |    | rteres.txt |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
| 195 | 13.462 | 13.434 | 13.482 | VV | 344616     | 4429685  | 9.71%  | 0.538% |
| 196 | 13.500 | 13.482 | 13.519 | VV | 180493     | 2184935  | 4.79%  | 0.266% |
| 197 | 13.536 | 13.519 | 13.560 | VV | 73176      | 1062017  | 2.33%  | 0.129% |
| 198 | 13.617 | 13.560 | 13.648 | VV | 326794     | 6256570  | 13.72% | 0.760% |
| 199 | 13.667 | 13.648 | 13.704 | VV | 139913     | 1848158  | 4.05%  | 0.225% |
| 200 | 13.741 | 13.704 | 13.760 | VV | 38498      | 732247   | 1.61%  | 0.089% |
| 201 | 13.780 | 13.760 | 13.817 | VV | 22848      | 538885   | 1.18%  | 0.065% |
| 202 | 13.851 | 13.817 | 13.887 | VV | 19034      | 622626   | 1.37%  | 0.076% |
| 203 | 13.925 | 13.887 | 13.966 | VV | 21161      | 495253   | 1.09%  | 0.060% |
| 204 | 13.985 | 13.966 | 13.997 | VV | 6598       | 66335    | 0.15%  | 0.008% |
| 205 | 14.046 | 13.997 | 14.067 | VV | 59978      | 1513607  | 3.32%  | 0.184% |
| 206 | 14.086 | 14.067 | 14.119 | VV | 126294     | 1816603  | 3.98%  | 0.221% |
| 207 | 14.184 | 14.119 | 14.232 | VV | 51593      | 1803416  | 3.96%  | 0.219% |
| 208 | 14.260 | 14.232 | 14.299 | VV | 203151     | 3240045  | 7.11%  | 0.394% |
| 209 | 14.325 | 14.299 | 14.347 | VV | 348464     | 4590225  | 10.07% | 0.558% |
| 210 | 14.367 | 14.347 | 14.378 | VV | 118332     | 1600690  | 3.51%  | 0.195% |
| 211 | 14.392 | 14.378 | 14.427 | VV | 143141     | 2113842  | 4.64%  | 0.257% |
| 212 | 14.505 | 14.427 | 14.566 | VV | 72146      | 2258656  | 4.95%  | 0.274% |
| 213 | 14.657 | 14.566 | 14.676 | VV | 1195164    | 22742265 | 49.88% | 2.764% |
| 214 | 14.706 | 14.676 | 14.762 | VV | 1452420    | 22357804 | 49.03% | 2.717% |
| 215 | 14.806 | 14.762 | 14.852 | VV | 362227     | 5742325  | 12.59% | 0.698% |
| 216 | 14.878 | 14.852 | 14.912 | VV | 94463      | 1606160  | 3.52%  | 0.195% |
| 217 | 14.940 | 14.912 | 14.959 | VV | 96085      | 1484681  | 3.26%  | 0.180% |
| 218 | 14.976 | 14.959 | 15.031 | VV | 96284      | 2256635  | 4.95%  | 0.274% |
| 219 | 15.079 | 15.031 | 15.105 | VV | 56380      | 1444024  | 3.17%  | 0.175% |
| 220 | 15.118 | 15.105 | 15.151 | VV | 39865      | 683402   | 1.50%  | 0.083% |
| 221 | 15.174 | 15.151 | 15.184 | VV | 20158      | 322490   | 0.71%  | 0.039% |
| 222 | 15.222 | 15.184 | 15.233 | VV | 28200      | 712425   | 1.56%  | 0.087% |
| 223 | 15.263 | 15.233 | 15.282 | VV | 56010      | 1194356  | 2.62%  | 0.145% |
| 224 | 15.309 | 15.282 | 15.329 | VV | 221458     | 3252129  | 7.13%  | 0.395% |
| 225 | 15.345 | 15.329 | 15.370 | VV | 112191     | 1716602  | 3.76%  | 0.209% |
| 226 | 15.391 | 15.370 | 15.424 | VV | 90578      | 1722984  | 3.78%  | 0.209% |
| 227 | 15.467 | 15.424 | 15.505 | VV | 183054     | 4714642  | 10.34% | 0.573% |
| 228 | 15.540 | 15.505 | 15.574 | VV | 84738      | 1758954  | 3.86%  | 0.214% |
| 229 | 15.581 | 15.574 | 15.604 | VV | 21883      | 307521   | 0.67%  | 0.037% |
| 230 | 15.627 | 15.604 | 15.651 | VV | 57510      | 849872   | 1.86%  | 0.103% |
| 231 | 15.675 | 15.651 | 15.685 | VV | 29336      | 465484   | 1.02%  | 0.057% |
| 232 | 15.736 | 15.685 | 15.779 | VV | 239651     | 4219289  | 9.25%  | 0.513% |
| 233 | 15.803 | 15.779 | 15.822 | VV | 21150      | 374439   | 0.82%  | 0.046% |
| 234 | 15.836 | 15.822 | 15.877 | VV | 16774      | 438124   | 0.96%  | 0.053% |
| 235 | 15.901 | 15.877 | 15.919 | VV | 38488      | 678656   | 1.49%  | 0.082% |
| 236 | 15.938 | 15.919 | 15.956 | VV | 43360      | 730381   | 1.60%  | 0.089% |
| 237 | 15.978 | 15.956 | 16.037 | VV | 66406      | 1814359  | 3.98%  | 0.220% |
| 238 | 16.061 | 16.037 | 16.079 | VV | 34649      | 750375   | 1.65%  | 0.091% |
| 239 | 16.108 | 16.079 | 16.136 | VV | 69811      | 1546589  | 3.39%  | 0.188% |
| 240 | 16.222 | 16.136 | 16.237 | VV | 1068372    | 25176878 | 55.22% | 3.060% |
| 241 | 16.247 | 16.237 | 16.301 | VV | 873451     | 9297983  | 20.39% | 1.130% |
| 242 | 16.332 | 16.301 | 16.351 | VV | 297150     | 3963747  | 8.69%  | 0.482% |
| 243 | 16.359 | 16.351 | 16.401 | VV | 63823      | 1329374  | 2.92%  | 0.162% |
| 244 | 16.416 | 16.401 | 16.426 | VV | 37162      | 511256   | 1.12%  | 0.062% |
| 245 | 16.445 | 16.426 | 16.462 | VV | 60100      | 1063172  | 2.33%  | 0.129% |
| 246 | 16.530 | 16.462 | 16.555 | VV | 566357     | 13525476 | 29.66% | 1.644% |

| rteres.txt |        |        |        |    |         |          |        |        |
|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 247        | 16.601 | 16.555 | 16.624 | VV | 1099855 | 18562025 | 40.71% | 2.256% |
| 248        | 16.682 | 16.624 | 16.706 | VV | 546416  | 8386968  | 18.39% | 1.019% |
| 249        | 16.723 | 16.706 | 16.754 | VV | 91004   | 1852449  | 4.06%  | 0.225% |
| 250        | 16.817 | 16.754 | 16.854 | VV | 95479   | 3886075  | 8.52%  | 0.472% |
| 251        | 16.873 | 16.854 | 16.894 | VV | 56368   | 1131332  | 2.48%  | 0.137% |
| 252        | 16.937 | 16.894 | 16.969 | VV | 164694  | 4585316  | 10.06% | 0.557% |
| 253        | 16.977 | 16.969 | 17.011 | VV | 93575   | 1634614  | 3.58%  | 0.199% |
| 254        | 17.038 | 17.011 | 17.045 | VV | 58813   | 954642   | 2.09%  | 0.116% |
| 255        | 17.073 | 17.045 | 17.084 | VV | 95619   | 1769707  | 3.88%  | 0.215% |
| 256        | 17.095 | 17.084 | 17.122 | VV | 95859   | 1673962  | 3.67%  | 0.203% |
| 257        | 17.155 | 17.122 | 17.172 | VV | 80861   | 1890765  | 4.15%  | 0.230% |
| 258        | 17.183 | 17.172 | 17.201 | VV | 69986   | 1052920  | 2.31%  | 0.128% |
| 259        | 17.228 | 17.201 | 17.252 | VV | 132826  | 2554339  | 5.60%  | 0.310% |
| 260        | 17.264 | 17.252 | 17.307 | VV | 63264   | 1738451  | 3.81%  | 0.211% |
| 261        | 17.341 | 17.307 | 17.390 | VV | 73311   | 2589093  | 5.68%  | 0.315% |
| 262        | 17.409 | 17.390 | 17.424 | VV | 45111   | 815821   | 1.79%  | 0.099% |
| 263        | 17.436 | 17.424 | 17.460 | VV | 41601   | 834850   | 1.83%  | 0.101% |
| 264        | 17.526 | 17.460 | 17.541 | VV | 70793   | 2694880  | 5.91%  | 0.327% |
| 265        | 17.567 | 17.541 | 17.601 | VV | 252466  | 4638982  | 10.17% | 0.564% |
| 266        | 17.652 | 17.601 | 17.674 | VV | 88978   | 2957186  | 6.49%  | 0.359% |
| 267        | 17.717 | 17.674 | 17.762 | VV | 109750  | 4477335  | 9.82%  | 0.544% |
| 268        | 17.772 | 17.762 | 17.814 | VV | 58954   | 1715101  | 3.76%  | 0.208% |
| 269        | 17.851 | 17.814 | 17.908 | VV | 210868  | 6013809  | 13.19% | 0.731% |
| 270        | 17.964 | 17.908 | 17.980 | VV | 693662  | 15077119 | 33.07% | 1.832% |
| 271        | 17.991 | 17.980 | 18.016 | VV | 432265  | 6094539  | 13.37% | 0.741% |
| 272        | 18.028 | 18.016 | 18.049 | VV | 129435  | 2065817  | 4.53%  | 0.251% |
| 273        | 18.078 | 18.049 | 18.095 | VV | 221071  | 3983310  | 8.74%  | 0.484% |
| 274        | 18.108 | 18.095 | 18.170 | VV | 168700  | 4939947  | 10.83% | 0.600% |
| 275        | 18.222 | 18.170 | 18.255 | VV | 704109  | 13869970 | 30.42% | 1.686% |
| 276        | 18.282 | 18.255 | 18.301 | VV | 134605  | 2851848  | 6.25%  | 0.347% |
| 277        | 18.334 | 18.301 | 18.366 | VV | 293875  | 5881772  | 12.90% | 0.715% |
| 278        | 18.394 | 18.366 | 18.442 | VV | 228791  | 5551340  | 12.17% | 0.675% |
| 279        | 18.452 | 18.442 | 18.463 | VV | 72079   | 859453   | 1.88%  | 0.104% |
| 280        | 18.503 | 18.463 | 18.564 | VV | 90422   | 4735539  | 10.39% | 0.575% |
| 281        | 18.626 | 18.564 | 18.657 | VV | 110590  | 4909555  | 10.77% | 0.597% |
| 282        | 18.669 | 18.657 | 18.686 | VV | 91581   | 1530278  | 3.36%  | 0.186% |
| 283        | 18.706 | 18.686 | 18.736 | VV | 117477  | 2713444  | 5.95%  | 0.330% |
| 284        | 18.760 | 18.736 | 18.776 | VV | 107022  | 2252606  | 4.94%  | 0.274% |
| 285        | 18.796 | 18.776 | 18.841 | VV | 104762  | 3577970  | 7.85%  | 0.435% |
| 286        | 18.866 | 18.841 | 18.926 | VV | 118990  | 4787192  | 10.50% | 0.582% |
| 287        | 18.940 | 18.926 | 18.960 | VV | 80692   | 1620839  | 3.55%  | 0.197% |
| 288        | 18.994 | 18.960 | 19.010 | VV | 84178   | 2415278  | 5.30%  | 0.294% |
| 289        | 19.049 | 19.010 | 19.077 | VV | 87861   | 3396262  | 7.45%  | 0.413% |
| 290        | 19.090 | 19.077 | 19.109 | VV | 82225   | 1529389  | 3.35%  | 0.186% |
| 291        | 19.178 | 19.109 | 19.224 | VV | 243880  | 8392867  | 18.41% | 1.020% |
| 292        | 19.235 | 19.224 | 19.253 | VV | 92625   | 1542029  | 3.38%  | 0.187% |
| 293        | 19.280 | 19.253 | 19.312 | VV | 109365  | 3512017  | 7.70%  | 0.427% |
| 294        | 19.353 | 19.312 | 19.382 | VV | 266308  | 7212874  | 15.82% | 0.877% |
| 295        | 19.420 | 19.382 | 19.452 | VV | 301304  | 7853950  | 17.22% | 0.954% |
| 296        | 19.485 | 19.452 | 19.497 | VV | 168305  | 4021676  | 8.82%  | 0.489% |
| 297        | 19.509 | 19.497 | 19.532 | VV | 163805  | 3054237  | 6.70%  | 0.371% |
| 298        | 19.546 | 19.532 | 19.591 | VV | 130980  | 4095989  | 8.98%  | 0.498% |
| 299        | 19.630 | 19.591 | 19.671 | VV | 138697  | 5412743  | 11.87% | 0.658% |

| rteres.txt              |        |        |        |     |        |          |           |        |
|-------------------------|--------|--------|--------|-----|--------|----------|-----------|--------|
| 300                     | 19.734 | 19.671 | 19.764 | VV  | 329860 | 10167876 | 22.30%    | 1.236% |
| 301                     | 19.800 | 19.764 | 19.847 | VV  | 205235 | 7847907  | 17.21%    | 0.954% |
| 302                     | 19.871 | 19.847 | 19.889 | VV  | 185031 | 3936972  | 8.63%     | 0.478% |
| 303                     | 19.913 | 19.889 | 19.946 | VV  | 256980 | 6013411  | 13.19%    | 0.731% |
| 304                     | 19.963 | 19.946 | 19.970 | VV  | 124521 | 1787390  | 3.92%     | 0.217% |
| 305                     | 20.002 | 19.970 | 20.023 | VV  | 135762 | 4108516  | 9.01%     | 0.499% |
| 306                     | 20.040 | 20.023 | 20.054 | VV  | 128552 | 2306217  | 5.06%     | 0.280% |
| 307                     | 20.076 | 20.054 | 20.092 | VV  | 135613 | 2972409  | 6.52%     | 0.361% |
| 308                     | 20.102 | 20.092 | 20.129 | VV  | 128830 | 2742608  | 6.01%     | 0.333% |
| 309                     | 20.143 | 20.129 | 20.183 | VV  | 128181 | 4063959  | 8.91%     | 0.494% |
| 310                     | 20.204 | 20.183 | 20.212 | VV  | 134179 | 2245710  | 4.93%     | 0.273% |
| 311                     | 20.222 | 20.212 | 20.240 | VV  | 132689 | 2169823  | 4.76%     | 0.264% |
| 312                     | 20.269 | 20.240 | 20.347 | VV  | 141066 | 8629739  | 18.93%    | 1.049% |
| 313                     | 20.362 | 20.347 | 20.436 | VV  | 141062 | 6808707  | 14.93%    | 0.827% |
| 314                     | 20.463 | 20.436 | 20.474 | VV  | 121185 | 2713154  | 5.95%     | 0.330% |
| 315                     | 20.477 | 20.474 | 20.489 | VV  | 120774 | 1041429  | 2.28%     | 0.127% |
| 316                     | 20.506 | 20.489 | 20.516 | VV  | 119668 | 1892135  | 4.15%     | 0.230% |
| 317                     | 20.531 | 20.516 | 20.542 | VV  | 122179 | 1918363  | 4.21%     | 0.233% |
| 318                     | 20.556 | 20.542 | 20.571 | VV  | 121096 | 2035842  | 4.46%     | 0.247% |
| 319                     | 20.626 | 20.571 | 20.675 | VV  | 220637 | 9162549  | 20.09%    | 1.113% |
| 320                     | 20.713 | 20.675 | 20.769 | VV  | 126780 | 6573233  | 14.42%    | 0.799% |
| 321                     | 20.795 | 20.769 | 20.839 | VV  | 117532 | 4632158  | 10.16%    | 0.563% |
| 322                     | 20.905 | 20.839 | 20.929 | VV  | 132252 | 6294427  | 13.80%    | 0.765% |
| 323                     | 20.985 | 20.929 | 21.014 | VV  | 127953 | 5876865  | 12.89%    | 0.714% |
| 324                     | 21.083 | 21.014 | 21.126 | VV  | 164802 | 9075302  | 19.90%    | 1.103% |
| 325                     | 21.137 | 21.126 | 21.198 | VV  | 123710 | 4837508  | 10.61%    | 0.588% |
| 326                     | 21.232 | 21.198 | 21.246 | VV  | 110625 | 2935608  | 6.44%     | 0.357% |
| 327                     | 21.275 | 21.246 | 21.319 | VV  | 114514 | 4435322  | 9.73%     | 0.539% |
| 328                     | 21.359 | 21.319 | 21.404 | VV  | 125534 | 5162039  | 11.32%    | 0.627% |
| 329                     | 21.437 | 21.404 | 21.450 | VV  | 117970 | 2843749  | 6.24%     | 0.346% |
| 330                     | 21.483 | 21.450 | 21.519 | VV  | 183132 | 5706866  | 12.52%    | 0.694% |
| 331                     | 21.530 | 21.519 | 21.538 | VV  | 99468  | 1133858  | 2.49%     | 0.138% |
| 332                     | 21.563 | 21.538 | 21.601 | VBA | 105178 | 3697987  | 8.11%     | 0.449% |
| Sum of corrected areas: |        |        |        |     |        |          | 822897670 |        |

Alaphatic EPH 082118.M Wed Aug 22 09:16:15 2018 RPT-1