

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082218AL\  
 Data File : FC036025.D  
 Signal(s) : FID1A.CH  
 Acq On : 22 Aug 2018 19:43  
 Sample : J4573-01MSD  
 Misc :  
 ALS Vial : 8 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         | 3.216       | 3.182        | 3.329      | BV       | 174839         | 1512297      | 37.73%         | 1.858%        |
| 2         | 3.344       | 3.329        | 3.375      | VV       | 283            | 5811         | 0.14%          | 0.007%        |
| 3         | 3.392       | 3.375        | 3.405      | VV       | 321            | 3868         | 0.10%          | 0.005%        |
| 4         | 3.417       | 3.405        | 3.449      | VV       | 238            | 4758         | 0.12%          | 0.006%        |
| 5         | 3.458       | 3.449        | 3.484      | VV       | 185            | 3267         | 0.08%          | 0.004%        |
| 6         | 3.514       | 3.484        | 3.574      | VV       | 640            | 13224        | 0.33%          | 0.016%        |
| 7         | 3.587       | 3.574        | 3.608      | VV       | 280            | 3474         | 0.09%          | 0.004%        |
| 8         | 3.642       | 3.608        | 3.649      | VV       | 187            | 3108         | 0.08%          | 0.004%        |
| 9         | 3.659       | 3.649        | 3.690      | VV       | 256            | 3171         | 0.08%          | 0.004%        |
| 10        | 3.708       | 3.690        | 3.745      | VV       | 308            | 6634         | 0.17%          | 0.008%        |
| 11        | 3.757       | 3.745        | 3.777      | VV       | 242            | 2807         | 0.07%          | 0.003%        |
| 12        | 3.796       | 3.777        | 3.849      | VV       | 326            | 5497         | 0.14%          | 0.007%        |
| 13        | 3.885       | 3.849        | 3.900      | PV       | 281            | 5096         | 0.13%          | 0.006%        |
| 14        | 3.909       | 3.900        | 3.917      | VV       | 261            | 1649         | 0.04%          | 0.002%        |
| 15        | 3.923       | 3.917        | 3.938      | VV       | 219            | 2081         | 0.05%          | 0.003%        |
| 16        | 3.945       | 3.938        | 3.964      | VV       | 251            | 2304         | 0.06%          | 0.003%        |
| 17        | 3.978       | 3.964        | 4.000      | VV       | 790            | 8330         | 0.21%          | 0.010%        |
| 18        | 4.045       | 4.000        | 4.082      | VV       | 307            | 8986         | 0.22%          | 0.011%        |
| 19        | 4.089       | 4.082        | 4.145      | VV       | 180            | 5299         | 0.13%          | 0.007%        |
| 20        | 4.160       | 4.145        | 4.172      | VV       | 233            | 2348         | 0.06%          | 0.003%        |
| 21        | 4.207       | 4.172        | 4.248      | VV       | 894            | 13584        | 0.34%          | 0.017%        |
| 22        | 4.283       | 4.248        | 4.375      | VV       | 207134         | 1976410      | 49.31%         | 2.428%        |
| 23        | 4.394       | 4.375        | 4.421      | VV       | 819            | 17334        | 0.43%          | 0.021%        |
| 24        | 4.439       | 4.421        | 4.467      | VV       | 757            | 15018        | 0.37%          | 0.018%        |
| 25        | 4.480       | 4.467        | 4.504      | VV       | 619            | 9334         | 0.23%          | 0.011%        |
| 26        | 4.511       | 4.504        | 4.530      | VV       | 375            | 4652         | 0.12%          | 0.006%        |
| 27        | 4.534       | 4.530        | 4.551      | VV       | 353            | 3000         | 0.07%          | 0.004%        |
| 28        | 4.560       | 4.551        | 4.575      | VV       | 297            | 3515         | 0.09%          | 0.004%        |
| 29        | 4.582       | 4.575        | 4.600      | VV       | 277            | 3412         | 0.09%          | 0.004%        |
| 30        | 4.620       | 4.600        | 4.655      | VV       | 303            | 7031         | 0.18%          | 0.009%        |
| 31        | 4.662       | 4.655        | 4.676      | VV       | 212            | 2331         | 0.06%          | 0.003%        |
| 32        | 4.683       | 4.676        | 4.702      | VV       | 236            | 2389         | 0.06%          | 0.003%        |
| 33        | 4.710       | 4.702        | 4.817      | VV       | 184            | 8312         | 0.21%          | 0.010%        |
| 34        | 4.836       | 4.817        | 4.855      | VV       | 453            | 5745         | 0.14%          | 0.007%        |
| 35        | 4.880       | 4.855        | 4.894      | VV       | 493            | 7447         | 0.19%          | 0.009%        |
| 36        | 4.914       | 4.894        | 4.946      | VV       | 3744           | 38952        | 0.97%          | 0.048%        |

| rteres.txt |       |       |       |    |        |         |        |        |
|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 37         | 4.972 | 4.946 | 5.003 | VV | 1740   | 20956   | 0.52%  | 0.026% |
| 38         | 5.025 | 5.003 | 5.062 | VV | 332    | 5975    | 0.15%  | 0.007% |
| 39         | 5.106 | 5.062 | 5.134 | VV | 1148   | 16818   | 0.42%  | 0.021% |
| 40         | 5.148 | 5.134 | 5.169 | VV | 733    | 8656    | 0.22%  | 0.011% |
| 41         | 5.202 | 5.169 | 5.254 | VV | 375    | 11866   | 0.30%  | 0.015% |
| 42         | 5.285 | 5.254 | 5.299 | VV | 566    | 7893    | 0.20%  | 0.010% |
| 43         | 5.318 | 5.299 | 5.344 | VV | 2024   | 25603   | 0.64%  | 0.031% |
| 44         | 5.359 | 5.344 | 5.379 | VV | 2131   | 22647   | 0.56%  | 0.028% |
| 45         | 5.415 | 5.379 | 5.440 | VV | 1011   | 15051   | 0.38%  | 0.018% |
| 46         | 5.454 | 5.440 | 5.464 | VV | 160    | 1975    | 0.05%  | 0.002% |
| 47         | 5.496 | 5.464 | 5.522 | VV | 446    | 9218    | 0.23%  | 0.011% |
| 48         | 5.534 | 5.522 | 5.554 | PV | 119    | 1547    | 0.04%  | 0.002% |
| 49         | 5.569 | 5.554 | 5.583 | VV | 77     | 1377    | 0.03%  | 0.002% |
| 50         | 5.605 | 5.583 | 5.648 | VV | 199    | 5219    | 0.13%  | 0.006% |
| 51         | 5.662 | 5.648 | 5.674 | VV | 235    | 2425    | 0.06%  | 0.003% |
| 52         | 5.695 | 5.674 | 5.707 | VV | 212    | 2912    | 0.07%  | 0.004% |
| 53         | 5.722 | 5.707 | 5.743 | VV | 256    | 2417    | 0.06%  | 0.003% |
| 54         | 5.770 | 5.743 | 5.794 | PV | 283    | 4451    | 0.11%  | 0.005% |
| 55         | 5.820 | 5.794 | 5.831 | VV | 217    | 2901    | 0.07%  | 0.004% |
| 56         | 5.862 | 5.831 | 5.899 | VV | 518    | 12002   | 0.30%  | 0.015% |
| 57         | 5.910 | 5.899 | 5.927 | VV | 250    | 3354    | 0.08%  | 0.004% |
| 58         | 5.932 | 5.927 | 5.942 | VV | 242    | 1629    | 0.04%  | 0.002% |
| 59         | 5.958 | 5.942 | 5.996 | VV | 367    | 7780    | 0.19%  | 0.010% |
| 60         | 6.017 | 5.996 | 6.055 | VV | 692    | 13646   | 0.34%  | 0.017% |
| 61         | 6.061 | 6.055 | 6.075 | VV | 257    | 2477    | 0.06%  | 0.003% |
| 62         | 6.095 | 6.075 | 6.115 | VV | 312    | 4928    | 0.12%  | 0.006% |
| 63         | 6.129 | 6.115 | 6.159 | VV | 308    | 5893    | 0.15%  | 0.007% |
| 64         | 6.187 | 6.159 | 6.205 | VV | 919    | 13027   | 0.32%  | 0.016% |
| 65         | 6.213 | 6.205 | 6.265 | VV | 431    | 11379   | 0.28%  | 0.014% |
| 66         | 6.296 | 6.265 | 6.430 | VV | 229374 | 2386748 | 59.54% | 2.932% |
| 67         | 6.443 | 6.430 | 6.507 | VV | 612    | 14950   | 0.37%  | 0.018% |
| 68         | 6.516 | 6.507 | 6.540 | VV | 196    | 3170    | 0.08%  | 0.004% |
| 69         | 6.547 | 6.540 | 6.570 | VV | 230    | 2630    | 0.07%  | 0.003% |
| 70         | 6.582 | 6.570 | 6.595 | VV | 220    | 2042    | 0.05%  | 0.003% |
| 71         | 6.613 | 6.595 | 6.632 | VV | 249    | 2855    | 0.07%  | 0.004% |
| 72         | 6.660 | 6.632 | 6.685 | VV | 266    | 4617    | 0.12%  | 0.006% |
| 73         | 6.743 | 6.707 | 6.771 | PV | 400    | 7501    | 0.19%  | 0.009% |
| 74         | 6.789 | 6.771 | 6.796 | VV | 257    | 2960    | 0.07%  | 0.004% |
| 75         | 6.809 | 6.796 | 6.840 | VV | 431    | 5427    | 0.14%  | 0.007% |
| 76         | 6.854 | 6.840 | 6.882 | VV | 315    | 3403    | 0.08%  | 0.004% |
| 77         | 6.896 | 6.882 | 6.949 | VV | 332    | 7400    | 0.18%  | 0.009% |
| 78         | 6.955 | 6.949 | 6.974 | VV | 221    | 1595    | 0.04%  | 0.002% |
| 79         | 6.992 | 6.974 | 7.010 | VV | 341    | 4976    | 0.12%  | 0.006% |
| 80         | 7.020 | 7.010 | 7.034 | VV | 232    | 2200    | 0.05%  | 0.003% |
| 81         | 7.075 | 7.034 | 7.100 | VV | 809    | 14500   | 0.36%  | 0.018% |
| 82         | 7.115 | 7.100 | 7.142 | VV | 559    | 8403    | 0.21%  | 0.010% |
| 83         | 7.157 | 7.142 | 7.186 | VV | 321    | 5168    | 0.13%  | 0.006% |
| 84         | 7.216 | 7.186 | 7.254 | VV | 2219   | 28348   | 0.71%  | 0.035% |
| 85         | 7.282 | 7.254 | 7.330 | VV | 899    | 12935   | 0.32%  | 0.016% |
| 86         | 7.358 | 7.330 | 7.410 | VV | 964    | 16066   | 0.40%  | 0.020% |
| 87         | 7.433 | 7.410 | 7.456 | VV | 744    | 10632   | 0.27%  | 0.013% |
| 88         | 7.475 | 7.456 | 7.514 | PV | 721    | 12192   | 0.30%  | 0.015% |
| 89         | 7.575 | 7.514 | 7.595 | VV | 757    | 23937   | 0.60%  | 0.029% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 7.635  | 7.595  | 7.679  | VV | 1093   | 36383   | 0.91%  | 0.045% |
| 91         | 7.689  | 7.679  | 7.714  | VV | 472    | 7201    | 0.18%  | 0.009% |
| 92         | 7.738  | 7.714  | 7.755  | VV | 272    | 6297    | 0.16%  | 0.008% |
| 93         | 7.778  | 7.755  | 7.814  | VV | 995    | 16041   | 0.40%  | 0.020% |
| 94         | 7.835  | 7.814  | 7.877  | VV | 1559   | 21019   | 0.52%  | 0.026% |
| 95         | 7.902  | 7.877  | 7.917  | VV | 409    | 7567    | 0.19%  | 0.009% |
| 96         | 7.938  | 7.917  | 7.959  | VV | 604    | 12418   | 0.31%  | 0.015% |
| 97         | 7.988  | 7.959  | 8.029  | VV | 1574   | 31701   | 0.79%  | 0.039% |
| 98         | 8.041  | 8.029  | 8.050  | VV | 493    | 5449    | 0.14%  | 0.007% |
| 99         | 8.082  | 8.050  | 8.199  | VV | 222862 | 2507132 | 62.55% | 3.080% |
| 100        | 8.214  | 8.199  | 8.224  | VV | 415    | 5369    | 0.13%  | 0.007% |
| 101        | 8.233  | 8.224  | 8.255  | VV | 428    | 5377    | 0.13%  | 0.007% |
| 102        | 8.264  | 8.255  | 8.324  | VV | 330    | 8216    | 0.20%  | 0.010% |
| 103        | 8.330  | 8.324  | 8.354  | VV | 204    | 2119    | 0.05%  | 0.003% |
| 104        | 8.373  | 8.354  | 8.396  | VV | 191    | 2889    | 0.07%  | 0.004% |
| 105        | 8.431  | 8.396  | 8.475  | VV | 455    | 13642   | 0.34%  | 0.017% |
| 106        | 8.503  | 8.475  | 8.515  | VV | 334    | 5655    | 0.14%  | 0.007% |
| 107        | 8.529  | 8.515  | 8.545  | VV | 399    | 5558    | 0.14%  | 0.007% |
| 108        | 8.583  | 8.545  | 8.600  | VV | 414    | 10917   | 0.27%  | 0.013% |
| 109        | 8.616  | 8.600  | 8.647  | VV | 788    | 11495   | 0.29%  | 0.014% |
| 110        | 8.668  | 8.647  | 8.684  | VV | 334    | 4271    | 0.11%  | 0.005% |
| 111        | 8.707  | 8.684  | 8.733  | VV | 246    | 4907    | 0.12%  | 0.006% |
| 112        | 8.795  | 8.733  | 8.855  | VV | 1410   | 49076   | 1.22%  | 0.060% |
| 113        | 8.901  | 8.855  | 8.953  | VV | 3045   | 48704   | 1.22%  | 0.060% |
| 114        | 8.983  | 8.953  | 9.008  | VV | 268    | 3552    | 0.09%  | 0.004% |
| 115        | 9.019  | 9.008  | 9.030  | PV | 225    | 1639    | 0.04%  | 0.002% |
| 116        | 9.088  | 9.030  | 9.170  | VV | 1339   | 33447   | 0.83%  | 0.041% |
| 117        | 9.191  | 9.170  | 9.227  | VV | 531    | 9178    | 0.23%  | 0.011% |
| 118        | 9.268  | 9.227  | 9.305  | VV | 947    | 22210   | 0.55%  | 0.027% |
| 119        | 9.331  | 9.305  | 9.385  | VV | 628    | 14311   | 0.36%  | 0.018% |
| 120        | 9.404  | 9.385  | 9.424  | VV | 759    | 10224   | 0.26%  | 0.013% |
| 121        | 9.455  | 9.424  | 9.487  | VV | 725    | 10826   | 0.27%  | 0.013% |
| 122        | 9.515  | 9.487  | 9.528  | VV | 210    | 2388    | 0.06%  | 0.003% |
| 123        | 9.549  | 9.528  | 9.569  | PV | 290    | 3307    | 0.08%  | 0.004% |
| 124        | 9.596  | 9.569  | 9.640  | VV | 1183   | 28190   | 0.70%  | 0.035% |
| 125        | 9.676  | 9.640  | 9.839  | VV | 222960 | 2640396 | 65.87% | 3.244% |
| 126        | 9.878  | 9.839  | 9.924  | VV | 335    | 12973   | 0.32%  | 0.016% |
| 127        | 9.943  | 9.924  | 9.990  | VV | 333    | 10005   | 0.25%  | 0.012% |
| 128        | 10.025 | 9.990  | 10.037 | VV | 603    | 11186   | 0.28%  | 0.014% |
| 129        | 10.059 | 10.037 | 10.092 | VV | 1087   | 23723   | 0.59%  | 0.029% |
| 130        | 10.113 | 10.092 | 10.132 | VV | 677    | 11794   | 0.29%  | 0.014% |
| 131        | 10.153 | 10.132 | 10.187 | VV | 855    | 20821   | 0.52%  | 0.026% |
| 132        | 10.206 | 10.187 | 10.229 | VV | 747    | 13734   | 0.34%  | 0.017% |
| 133        | 10.254 | 10.229 | 10.279 | VV | 549    | 15263   | 0.38%  | 0.019% |
| 134        | 10.299 | 10.279 | 10.315 | VV | 725    | 13509   | 0.34%  | 0.017% |
| 135        | 10.339 | 10.315 | 10.356 | VV | 1554   | 28334   | 0.71%  | 0.035% |
| 136        | 10.411 | 10.356 | 10.450 | VV | 4822   | 106105  | 2.65%  | 0.130% |
| 137        | 10.488 | 10.450 | 10.515 | VV | 1657   | 46871   | 1.17%  | 0.058% |
| 138        | 10.531 | 10.515 | 10.575 | VV | 1017   | 29789   | 0.74%  | 0.037% |
| 139        | 10.595 | 10.575 | 10.607 | VV | 933    | 16256   | 0.41%  | 0.020% |
| 140        | 10.623 | 10.607 | 10.642 | VV | 935    | 18072   | 0.45%  | 0.022% |
| 141        | 10.670 | 10.642 | 10.692 | VV | 1188   | 27952   | 0.70%  | 0.034% |

| rteres.txt |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| 142        | 10.729 | 10.692 | 10.764 | VV | 1733   | 54690   | 1.36%   | 0.067% |
| 143        | 10.791 | 10.764 | 10.812 | VV | 1822   | 45601   | 1.14%   | 0.056% |
| 144        | 10.825 | 10.812 | 10.844 | VV | 1704   | 29781   | 0.74%   | 0.037% |
| 145        | 10.862 | 10.844 | 10.892 | VV | 1899   | 46081   | 1.15%   | 0.057% |
|            |        |        |        |    |        |         |         |        |
| 146        | 10.916 | 10.892 | 10.950 | VV | 2023   | 54642   | 1.36%   | 0.067% |
| 147        | 10.976 | 10.950 | 11.012 | VV | 1838   | 57529   | 1.44%   | 0.071% |
| 148        | 11.043 | 11.012 | 11.059 | VV | 2522   | 58302   | 1.45%   | 0.072% |
| 149        | 11.112 | 11.059 | 11.179 | VV | 227606 | 2822253 | 70.41%  | 3.467% |
| 150        | 11.197 | 11.179 | 11.230 | VV | 2709   | 74791   | 1.87%   | 0.092% |
|            |        |        |        |    |        |         |         |        |
| 151        | 11.262 | 11.230 | 11.286 | VV | 2308   | 73877   | 1.84%   | 0.091% |
| 152        | 11.306 | 11.286 | 11.323 | VV | 2306   | 49526   | 1.24%   | 0.061% |
| 153        | 11.358 | 11.323 | 11.368 | VV | 2347   | 61154   | 1.53%   | 0.075% |
| 154        | 11.411 | 11.368 | 11.451 | VV | 2974   | 131059  | 3.27%   | 0.161% |
| 155        | 11.507 | 11.451 | 11.529 | VV | 3508   | 141594  | 3.53%   | 0.174% |
|            |        |        |        |    |        |         |         |        |
| 156        | 11.550 | 11.529 | 11.578 | VV | 3397   | 94500   | 2.36%   | 0.116% |
| 157        | 11.595 | 11.578 | 11.623 | VV | 3623   | 87252   | 2.18%   | 0.107% |
| 158        | 11.662 | 11.623 | 11.692 | VV | 3589   | 136047  | 3.39%   | 0.167% |
| 159        | 11.711 | 11.692 | 11.730 | VV | 4701   | 89607   | 2.24%   | 0.110% |
| 160        | 11.778 | 11.730 | 11.807 | VV | 8511   | 241086  | 6.01%   | 0.296% |
|            |        |        |        |    |        |         |         |        |
| 161        | 11.821 | 11.807 | 11.837 | VV | 4093   | 72376   | 1.81%   | 0.089% |
| 162        | 11.875 | 11.837 | 11.892 | VV | 4268   | 136093  | 3.40%   | 0.167% |
| 163        | 11.907 | 11.892 | 11.944 | VV | 4383   | 130069  | 3.24%   | 0.160% |
| 164        | 12.067 | 11.944 | 12.084 | VV | 5281   | 392248  | 9.79%   | 0.482% |
| 165        | 12.129 | 12.084 | 12.140 | VV | 5276   | 170209  | 4.25%   | 0.209% |
|            |        |        |        |    |        |         |         |        |
| 166        | 12.159 | 12.140 | 12.169 | VV | 5671   | 93617   | 2.34%   | 0.115% |
| 167        | 12.187 | 12.169 | 12.210 | VV | 6463   | 143358  | 3.58%   | 0.176% |
| 168        | 12.238 | 12.210 | 12.254 | VV | 6333   | 153586  | 3.83%   | 0.189% |
| 169        | 12.264 | 12.254 | 12.290 | VV | 6026   | 122707  | 3.06%   | 0.151% |
| 170        | 12.306 | 12.290 | 12.315 | VV | 5538   | 80766   | 2.01%   | 0.099% |
|            |        |        |        |    |        |         |         |        |
| 171        | 12.358 | 12.315 | 12.381 | VV | 6065   | 228281  | 5.70%   | 0.280% |
| 172        | 12.416 | 12.381 | 12.460 | VV | 222900 | 2951880 | 73.64%  | 3.626% |
| 173        | 12.470 | 12.460 | 12.494 | VV | 6660   | 131245  | 3.27%   | 0.161% |
| 174        | 12.508 | 12.494 | 12.521 | VV | 6512   | 106114  | 2.65%   | 0.130% |
| 175        | 12.536 | 12.521 | 12.592 | VV | 6587   | 269672  | 6.73%   | 0.331% |
|            |        |        |        |    |        |         |         |        |
| 176        | 12.606 | 12.592 | 12.617 | VV | 6109   | 92511   | 2.31%   | 0.114% |
| 177        | 12.637 | 12.617 | 12.647 | VV | 6527   | 111850  | 2.79%   | 0.137% |
| 178        | 12.667 | 12.647 | 12.695 | VV | 6847   | 188937  | 4.71%   | 0.232% |
| 179        | 12.709 | 12.695 | 12.719 | VV | 6628   | 92156   | 2.30%   | 0.113% |
| 180        | 12.737 | 12.719 | 12.748 | VV | 6653   | 115351  | 2.88%   | 0.142% |
|            |        |        |        |    |        |         |         |        |
| 181        | 12.769 | 12.748 | 12.782 | VV | 7136   | 139000  | 3.47%   | 0.171% |
| 182        | 12.857 | 12.782 | 12.941 | VV | 274048 | 4008427 | 100.00% | 4.924% |
| 183        | 12.958 | 12.941 | 12.974 | VV | 8029   | 150209  | 3.75%   | 0.185% |
| 184        | 13.025 | 12.974 | 13.087 | VV | 231859 | 3178569 | 79.30%  | 3.905% |
| 185        | 13.095 | 13.087 | 13.114 | VV | 7848   | 125006  | 3.12%   | 0.154% |
|            |        |        |        |    |        |         |         |        |
| 186        | 13.126 | 13.114 | 13.154 | VV | 7636   | 178608  | 4.46%   | 0.219% |
| 187        | 13.176 | 13.154 | 13.218 | VV | 7938   | 286524  | 7.15%   | 0.352% |
| 188        | 13.256 | 13.218 | 13.314 | VV | 8052   | 442073  | 11.03%  | 0.543% |
| 189        | 13.331 | 13.314 | 13.354 | VV | 7879   | 183049  | 4.57%   | 0.225% |
| 190        | 13.410 | 13.354 | 13.427 | VV | 8344   | 345425  | 8.62%   | 0.424% |
|            |        |        |        |    |        |         |         |        |
| 191        | 13.448 | 13.427 | 13.490 | VV | 8208   | 295412  | 7.37%   | 0.363% |
| 192        | 13.501 | 13.490 | 13.513 | VV | 7543   | 103669  | 2.59%   | 0.127% |
| 193        | 13.537 | 13.513 | 13.564 | VV | 7757   | 227664  | 5.68%   | 0.280% |
| 194        | 13.610 | 13.564 | 13.712 | VV | 219573 | 3297463 | 82.26%  | 4.051% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.728 | 13.712 | 13.754 | VV | 7424       | 179688  | 4.48%  | 0.221% |
| 196 | 13.761 | 13.754 | 13.782 | VV | 7074       | 117123  | 2.92%  | 0.144% |
| 197 | 13.801 | 13.782 | 13.809 | VV | 7251       | 110612  | 2.76%  | 0.136% |
| 198 | 13.827 | 13.809 | 13.859 | VV | 7649       | 213494  | 5.33%  | 0.262% |
| 199 | 13.873 | 13.859 | 13.889 | VV | 6753       | 119592  | 2.98%  | 0.147% |
| 200 | 13.905 | 13.889 | 13.940 | VV | 7130       | 210434  | 5.25%  | 0.259% |
| 201 | 13.948 | 13.940 | 13.975 | VV | 6754       | 136866  | 3.41%  | 0.168% |
| 202 | 14.012 | 13.975 | 14.022 | VV | 6936       | 191525  | 4.78%  | 0.235% |
| 203 | 14.042 | 14.022 | 14.116 | VV | 8551       | 378641  | 9.45%  | 0.465% |
| 204 | 14.127 | 14.116 | 14.145 | VV | 5898       | 102386  | 2.55%  | 0.126% |
| 205 | 14.169 | 14.145 | 14.195 | VV | 8478       | 201304  | 5.02%  | 0.247% |
| 206 | 14.213 | 14.195 | 14.220 | VV | 5726       | 84154   | 2.10%  | 0.103% |
| 207 | 14.239 | 14.220 | 14.325 | VV | 5923       | 343345  | 8.57%  | 0.422% |
| 208 | 14.332 | 14.325 | 14.344 | VV | 5164       | 56365   | 1.41%  | 0.069% |
| 209 | 14.376 | 14.344 | 14.387 | VV | 5437       | 131955  | 3.29%  | 0.162% |
| 210 | 14.395 | 14.387 | 14.429 | VV | 5227       | 125467  | 3.13%  | 0.154% |
| 211 | 14.451 | 14.429 | 14.474 | VV | 5197       | 133340  | 3.33%  | 0.164% |
| 212 | 14.487 | 14.474 | 14.502 | VV | 4906       | 78861   | 1.97%  | 0.097% |
| 213 | 14.519 | 14.502 | 14.532 | VV | 4797       | 83211   | 2.08%  | 0.102% |
| 214 | 14.549 | 14.532 | 14.579 | VV | 5257       | 136575  | 3.41%  | 0.168% |
| 215 | 14.592 | 14.579 | 14.622 | VV | 4516       | 112019  | 2.79%  | 0.138% |
| 216 | 14.629 | 14.622 | 14.645 | VV | 4234       | 57120   | 1.42%  | 0.070% |
| 217 | 14.708 | 14.645 | 14.835 | VV | 208952     | 3079668 | 76.83% | 3.783% |
| 218 | 14.847 | 14.835 | 14.880 | VV | 3339       | 86991   | 2.17%  | 0.107% |
| 219 | 14.902 | 14.880 | 14.940 | VV | 3545       | 114186  | 2.85%  | 0.140% |
| 220 | 14.952 | 14.940 | 15.000 | VV | 3127       | 106372  | 2.65%  | 0.131% |
| 221 | 15.014 | 15.000 | 15.030 | VV | 2964       | 50355   | 1.26%  | 0.062% |
| 222 | 15.043 | 15.030 | 15.067 | VV | 2966       | 60603   | 1.51%  | 0.074% |
| 223 | 15.089 | 15.067 | 15.109 | VV | 2746       | 65755   | 1.64%  | 0.081% |
| 224 | 15.126 | 15.109 | 15.175 | VV | 2903       | 98335   | 2.45%  | 0.121% |
| 225 | 15.185 | 15.175 | 15.204 | VV | 2282       | 36227   | 0.90%  | 0.045% |
| 226 | 15.225 | 15.204 | 15.366 | VV | 5102       | 217308  | 5.42%  | 0.267% |
| 227 | 15.377 | 15.366 | 15.387 | VV | 1579       | 18169   | 0.45%  | 0.022% |
| 228 | 15.410 | 15.387 | 15.478 | VV | 1655       | 81497   | 2.03%  | 0.100% |
| 229 | 15.493 | 15.478 | 15.510 | VV | 1451       | 25421   | 0.63%  | 0.031% |
| 230 | 15.545 | 15.510 | 15.582 | VV | 1517       | 57141   | 1.43%  | 0.070% |
| 231 | 15.599 | 15.582 | 15.640 | VV | 1519       | 42450   | 1.06%  | 0.052% |
| 232 | 15.648 | 15.640 | 15.674 | VV | 987        | 19447   | 0.49%  | 0.024% |
| 233 | 15.726 | 15.674 | 15.833 | VV | 185628     | 2656420 | 66.27% | 3.263% |
| 234 | 15.869 | 15.833 | 15.889 | VV | 1094       | 31531   | 0.79%  | 0.039% |
| 235 | 15.906 | 15.889 | 15.939 | VV | 1008       | 25092   | 0.63%  | 0.031% |
| 236 | 15.953 | 15.939 | 15.967 | VV | 749        | 11662   | 0.29%  | 0.014% |
| 237 | 15.973 | 15.967 | 15.995 | VV | 661        | 10536   | 0.26%  | 0.013% |
| 238 | 16.029 | 15.995 | 16.050 | VV | 800        | 20813   | 0.52%  | 0.026% |
| 239 | 16.057 | 16.050 | 16.077 | VV | 528        | 8384    | 0.21%  | 0.010% |
| 240 | 16.084 | 16.077 | 16.127 | VV | 619        | 13191   | 0.33%  | 0.016% |
| 241 | 16.160 | 16.127 | 16.173 | VV | 482        | 9803    | 0.24%  | 0.012% |
| 242 | 16.206 | 16.173 | 16.269 | VV | 3508       | 63183   | 1.58%  | 0.078% |
| 243 | 16.279 | 16.269 | 16.288 | VV | 240        | 2193    | 0.05%  | 0.003% |
| 244 | 16.309 | 16.288 | 16.340 | VV | 300        | 6701    | 0.17%  | 0.008% |
| 245 | 16.362 | 16.340 | 16.412 | VV | 533        | 14734   | 0.37%  | 0.018% |
| 246 | 16.430 | 16.412 | 16.467 | VV | 352        | 7125    | 0.18%  | 0.009% |

| rteres.txt |        |        |        |     |        |         |        |        |
|------------|--------|--------|--------|-----|--------|---------|--------|--------|
| 247        | 16.505 | 16.467 | 16.524 | PV  | 392    | 8974    | 0.22%  | 0.011% |
| 248        | 16.560 | 16.524 | 16.612 | VV  | 705    | 16660   | 0.42%  | 0.020% |
| 249        | 16.673 | 16.612 | 16.807 | VV  | 179264 | 2565166 | 63.99% | 3.151% |
| 250        | 16.815 | 16.807 | 16.842 | VV  | 330    | 5329    | 0.13%  | 0.007% |
| 251        | 16.848 | 16.842 | 16.872 | VV  | 285    | 3089    | 0.08%  | 0.004% |
| 252        | 16.896 | 16.872 | 16.930 | VV  | 325    | 7321    | 0.18%  | 0.009% |
| 253        | 16.963 | 16.930 | 16.984 | VV  | 362    | 7519    | 0.19%  | 0.009% |
| 254        | 17.007 | 16.984 | 17.038 | VV  | 289    | 6235    | 0.16%  | 0.008% |
| 255        | 17.055 | 17.038 | 17.082 | PV  | 319    | 4730    | 0.12%  | 0.006% |
| 256        | 17.121 | 17.082 | 17.165 | VV  | 4942   | 74670   | 1.86%  | 0.092% |
| 257        | 17.225 | 17.165 | 17.268 | VV  | 646    | 16106   | 0.40%  | 0.020% |
| 258        | 17.331 | 17.268 | 17.355 | VV  | 271    | 7949    | 0.20%  | 0.010% |
| 259        | 17.373 | 17.355 | 17.422 | PV  | 614    | 7532    | 0.19%  | 0.009% |
| 260        | 17.447 | 17.422 | 17.479 | VV  | 325    | 5296    | 0.13%  | 0.007% |
| 261        | 17.494 | 17.479 | 17.512 | VV  | 247    | 4153    | 0.10%  | 0.005% |
| 262        | 17.557 | 17.512 | 17.650 | VV  | 177138 | 2536658 | 63.28% | 3.116% |
| 263        | 17.680 | 17.650 | 17.748 | VV  | 661    | 27925   | 0.70%  | 0.034% |
| 264        | 17.764 | 17.748 | 17.795 | VV  | 448    | 10409   | 0.26%  | 0.013% |
| 265        | 17.832 | 17.795 | 17.867 | VV  | 1080   | 29622   | 0.74%  | 0.036% |
| 266        | 17.875 | 17.867 | 17.904 | VV  | 741    | 13236   | 0.33%  | 0.016% |
| 267        | 17.977 | 17.904 | 18.014 | VV  | 4902   | 98222   | 2.45%  | 0.121% |
| 268        | 18.044 | 18.014 | 18.079 | VV  | 957    | 30743   | 0.77%  | 0.038% |
| 269        | 18.112 | 18.079 | 18.127 | VV  | 844    | 22069   | 0.55%  | 0.027% |
| 270        | 18.250 | 18.127 | 18.259 | VV  | 1129   | 72782   | 1.82%  | 0.089% |
| 271        | 18.277 | 18.259 | 18.304 | VV  | 1304   | 30151   | 0.75%  | 0.037% |
| 272        | 18.386 | 18.304 | 18.496 | VV  | 171814 | 2605623 | 65.00% | 3.201% |
| 273        | 18.518 | 18.496 | 18.535 | VV  | 1833   | 41645   | 1.04%  | 0.051% |
| 274        | 18.567 | 18.535 | 18.574 | VV  | 1822   | 41349   | 1.03%  | 0.051% |
| 275        | 18.650 | 18.574 | 18.657 | VV  | 2200   | 96394   | 2.40%  | 0.118% |
| 276        | 18.781 | 18.657 | 18.834 | VV  | 5087   | 292233  | 7.29%  | 0.359% |
| 277        | 18.952 | 18.834 | 18.999 | VV  | 4012   | 311005  | 7.76%  | 0.382% |
| 278        | 19.036 | 18.999 | 19.050 | VV  | 3689   | 107765  | 2.69%  | 0.132% |
| 279        | 19.076 | 19.050 | 19.090 | VV  | 3787   | 88857   | 2.22%  | 0.109% |
| 280        | 19.168 | 19.090 | 19.232 | VV  | 167313 | 2749277 | 68.59% | 3.377% |
| 281        | 19.459 | 19.232 | 19.497 | VV  | 7656   | 935521  | 23.34% | 1.149% |
| 282        | 19.541 | 19.497 | 19.570 | VV  | 8193   | 313126  | 7.81%  | 0.385% |
| 283        | 19.727 | 19.570 | 19.747 | VV  | 7985   | 767791  | 19.15% | 0.943% |
| 284        | 19.822 | 19.747 | 19.835 | VV  | 8686   | 444033  | 11.08% | 0.545% |
| 285        | 19.905 | 19.835 | 19.982 | VV  | 152547 | 3112925 | 77.66% | 3.824% |
| 286        | 20.259 | 19.982 | 20.295 | VV  | 14016  | 2237850 | 55.83% | 2.749% |
| 287        | 20.423 | 20.295 | 20.464 | VV  | 16348  | 1490855 | 37.19% | 1.831% |
| 288        | 20.477 | 20.464 | 20.519 | VV  | 15282  | 500002  | 12.47% | 0.614% |
| 289        | 20.532 | 20.519 | 20.550 | VV  | 15256  | 288167  | 7.19%  | 0.354% |
| 290        | 20.617 | 20.550 | 20.729 | VV  | 152089 | 3788023 | 94.50% | 4.653% |
| 291        | 20.760 | 20.729 | 20.832 | VV  | 15022  | 915782  | 22.85% | 1.125% |
| 292        | 20.914 | 20.832 | 20.985 | VV  | 15203  | 1341102 | 33.46% | 1.647% |
| 293        | 21.014 | 20.985 | 21.105 | VV  | 14774  | 1024345 | 25.55% | 1.258% |
| 294        | 21.196 | 21.105 | 21.212 | VV  | 14051  | 893241  | 22.28% | 1.097% |
| 295        | 21.234 | 21.212 | 21.264 | VV  | 14103  | 433790  | 10.82% | 0.533% |
| 296        | 21.270 | 21.264 | 21.294 | VV  | 13992  | 250358  | 6.25%  | 0.308% |
| 297        | 21.360 | 21.294 | 21.397 | VV  | 13991  | 859998  | 21.45% | 1.056% |
| 298        | 21.464 | 21.397 | 21.567 | VV  | 103833 | 3567427 | 89.00% | 4.382% |
| 299        | 21.574 | 21.567 | 21.600 | VBA | 13846  | 286604  | 7.15%  | 0.352% |

rteres.txt  
Sum of corrected areas: 81405113

Alaphatic EPH 082118.M Thu Aug 23 08:34:29 2018 RPT-1