

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011019AL\  
 Data File : FC038539.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Jan 2019 14:19  
 Sample : K1008-01DL 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 010919.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         | 3.474       | 3.449        | 3.510      | PV       | 193            | 3608         | 0.04%          | 0.007%        |
| 2         | 3.535       | 3.510        | 3.572      | VV       | 230            | 3275         | 0.04%          | 0.006%        |
| 3         | 3.598       | 3.572        | 3.617      | PV       | 122            | 1754         | 0.02%          | 0.003%        |
| 4         | 3.628       | 3.617        | 3.652      | VV       | 186            | 2002         | 0.02%          | 0.004%        |
| 5         | 3.679       | 3.652        | 3.689      | VV       | 200            | 2283         | 0.03%          | 0.005%        |
| 6         | 3.707       | 3.689        | 3.754      | VV       | 156            | 3889         | 0.05%          | 0.008%        |
| 7         | 3.763       | 3.754        | 3.814      | VV       | 159            | 4386         | 0.05%          | 0.009%        |
| 8         | 3.844       | 3.814        | 3.876      | VV       | 294            | 6984         | 0.08%          | 0.014%        |
| 9         | 3.928       | 3.876        | 3.936      | VV       | 337            | 7424         | 0.09%          | 0.015%        |
| 10        | 3.942       | 3.936        | 3.979      | VV       | 283            | 4730         | 0.06%          | 0.009%        |
| 11        | 3.990       | 3.979        | 4.026      | VV       | 282            | 5179         | 0.06%          | 0.010%        |
| 12        | 4.055       | 4.026        | 4.089      | VV       | 220            | 4865         | 0.06%          | 0.010%        |
| 13        | 4.092       | 4.089        | 4.139      | VV       | 262            | 4686         | 0.06%          | 0.009%        |
| 14        | 4.162       | 4.139        | 4.186      | VV       | 378            | 5793         | 0.07%          | 0.011%        |
| 15        | 4.195       | 4.186        | 4.215      | VV       | 223            | 3591         | 0.04%          | 0.007%        |
| 16        | 4.228       | 4.215        | 4.252      | VV       | 202            | 4152         | 0.05%          | 0.008%        |
| 17        | 4.266       | 4.252        | 4.289      | VV       | 319            | 5147         | 0.06%          | 0.010%        |
| 18        | 4.313       | 4.289        | 4.366      | VV       | 372            | 11317        | 0.14%          | 0.022%        |
| 19        | 4.370       | 4.366        | 4.398      | VV       | 294            | 3051         | 0.04%          | 0.006%        |
| 20        | 4.408       | 4.398        | 4.451      | VV       | 232            | 4257         | 0.05%          | 0.008%        |
| 21        | 4.461       | 4.451        | 4.472      | VV       | 143            | 1450         | 0.02%          | 0.003%        |
| 22        | 4.479       | 4.472        | 4.495      | VV       | 181            | 1494         | 0.02%          | 0.003%        |
| 23        | 4.509       | 4.495        | 4.516      | PV       | 131            | 1029         | 0.01%          | 0.002%        |
| 24        | 4.546       | 4.516        | 4.585      | PV       | 245            | 5778         | 0.07%          | 0.011%        |
| 25        | 4.612       | 4.585        | 4.661      | VV       | 533            | 8887         | 0.11%          | 0.018%        |
| 26        | 4.682       | 4.661        | 4.699      | PV       | 160            | 2497         | 0.03%          | 0.005%        |
| 27        | 4.709       | 4.699        | 4.734      | VV       | 145            | 1348         | 0.02%          | 0.003%        |
| 28        | 4.767       | 4.734        | 4.775      | VV       | 225            | 3203         | 0.04%          | 0.006%        |
| 29        | 4.790       | 4.775        | 4.819      | VV       | 467            | 6939         | 0.08%          | 0.014%        |
| 30        | 4.836       | 4.819        | 4.859      | VV       | 397            | 6321         | 0.08%          | 0.013%        |
| 31        | 4.868       | 4.859        | 4.879      | VV       | 275            | 2687         | 0.03%          | 0.005%        |
| 32        | 4.894       | 4.879        | 4.941      | VV       | 286            | 5815         | 0.07%          | 0.012%        |
| 33        | 4.982       | 4.960        | 5.013      | VV       | 289            | 4774         | 0.06%          | 0.009%        |
| 34        | 5.042       | 5.013        | 5.066      | VV       | 272            | 7893         | 0.10%          | 0.016%        |
| 35        | 5.075       | 5.066        | 5.111      | VV       | 409            | 7036         | 0.08%          | 0.014%        |
| 36        | 5.125       | 5.111        | 5.146      | VV       | 283            | 4159         | 0.05%          | 0.008%        |

| rteres.txt |       |       |       |    |      |       |       |        |
|------------|-------|-------|-------|----|------|-------|-------|--------|
| 37         | 5.158 | 5.146 | 5.170 | VV | 228  | 1988  | 0.02% | 0.004% |
| 38         | 5.194 | 5.170 | 5.269 | VV | 1541 | 28968 | 0.35% | 0.057% |
| 39         | 5.283 | 5.269 | 5.332 | VV | 292  | 5146  | 0.06% | 0.010% |
| 40         | 5.356 | 5.332 | 5.399 | PV | 602  | 14386 | 0.17% | 0.029% |
| 41         | 5.403 | 5.399 | 5.421 | VV | 398  | 3678  | 0.04% | 0.007% |
| 42         | 5.434 | 5.421 | 5.445 | VV | 528  | 5569  | 0.07% | 0.011% |
| 43         | 5.464 | 5.445 | 5.507 | VV | 1070 | 23744 | 0.29% | 0.047% |
| 44         | 5.517 | 5.507 | 5.533 | VV | 395  | 5213  | 0.06% | 0.010% |
| 45         | 5.553 | 5.533 | 5.579 | VV | 1006 | 15695 | 0.19% | 0.031% |
| 46         | 5.589 | 5.579 | 5.620 | VV | 333  | 6503  | 0.08% | 0.013% |
| 47         | 5.636 | 5.620 | 5.657 | VV | 537  | 7189  | 0.09% | 0.014% |
| 48         | 5.686 | 5.657 | 5.706 | VV | 553  | 10730 | 0.13% | 0.021% |
| 49         | 5.738 | 5.706 | 5.750 | VV | 861  | 14151 | 0.17% | 0.028% |
| 50         | 5.757 | 5.750 | 5.799 | VV | 802  | 18177 | 0.22% | 0.036% |
| 51         | 5.821 | 5.799 | 5.842 | VV | 739  | 12276 | 0.15% | 0.024% |
| 52         | 5.862 | 5.842 | 5.874 | VV | 973  | 14929 | 0.18% | 0.030% |
| 53         | 5.894 | 5.874 | 5.927 | VV | 1229 | 26969 | 0.33% | 0.053% |
| 54         | 5.941 | 5.927 | 5.972 | VV | 807  | 13688 | 0.17% | 0.027% |
| 55         | 5.988 | 5.972 | 6.026 | VV | 676  | 12046 | 0.15% | 0.024% |
| 56         | 6.038 | 6.026 | 6.061 | VV | 387  | 5700  | 0.07% | 0.011% |
| 57         | 6.089 | 6.061 | 6.121 | VV | 984  | 17440 | 0.21% | 0.035% |
| 58         | 6.125 | 6.121 | 6.144 | VV | 309  | 2661  | 0.03% | 0.005% |
| 59         | 6.164 | 6.144 | 6.215 | VV | 2339 | 30738 | 0.37% | 0.061% |
| 60         | 6.244 | 6.215 | 6.261 | VV | 286  | 4602  | 0.06% | 0.009% |
| 61         | 6.277 | 6.261 | 6.290 | VV | 637  | 7025  | 0.08% | 0.014% |
| 62         | 6.311 | 6.290 | 6.336 | VV | 1129 | 16141 | 0.19% | 0.032% |
| 63         | 6.353 | 6.336 | 6.374 | VV | 549  | 7889  | 0.10% | 0.016% |
| 64         | 6.406 | 6.374 | 6.417 | VV | 588  | 8309  | 0.10% | 0.016% |
| 65         | 6.433 | 6.417 | 6.457 | VV | 1191 | 13262 | 0.16% | 0.026% |
| 66         | 6.474 | 6.457 | 6.485 | PV | 472  | 5292  | 0.06% | 0.010% |
| 67         | 6.499 | 6.485 | 6.523 | VV | 455  | 7029  | 0.08% | 0.014% |
| 68         | 6.549 | 6.523 | 6.612 | PV | 2679 | 40119 | 0.48% | 0.079% |
| 69         | 6.628 | 6.612 | 6.647 | VV | 543  | 8301  | 0.10% | 0.016% |
| 70         | 6.670 | 6.647 | 6.691 | VV | 1149 | 17879 | 0.22% | 0.035% |
| 71         | 6.713 | 6.691 | 6.746 | VV | 1394 | 21513 | 0.26% | 0.043% |
| 72         | 6.774 | 6.746 | 6.803 | VV | 1989 | 37286 | 0.45% | 0.074% |
| 73         | 6.818 | 6.803 | 6.834 | VV | 1061 | 11364 | 0.14% | 0.023% |
| 74         | 6.859 | 6.834 | 6.889 | VV | 1657 | 26568 | 0.32% | 0.053% |
| 75         | 6.911 | 6.889 | 6.934 | VV | 1301 | 20188 | 0.24% | 0.040% |
| 76         | 6.953 | 6.934 | 6.971 | VV | 642  | 9192  | 0.11% | 0.018% |
| 77         | 6.980 | 6.971 | 6.996 | VV | 355  | 5251  | 0.06% | 0.010% |
| 78         | 7.008 | 6.996 | 7.027 | VV | 428  | 6851  | 0.08% | 0.014% |
| 79         | 7.050 | 7.027 | 7.062 | VV | 2489 | 28064 | 0.34% | 0.056% |
| 80         | 7.079 | 7.062 | 7.186 | VV | 5076 | 89377 | 1.08% | 0.177% |
| 81         | 7.202 | 7.186 | 7.212 | VV | 351  | 4298  | 0.05% | 0.009% |
| 82         | 7.246 | 7.212 | 7.279 | VV | 1812 | 37671 | 0.45% | 0.075% |
| 83         | 7.295 | 7.279 | 7.321 | VV | 816  | 12117 | 0.15% | 0.024% |
| 84         | 7.496 | 7.477 | 7.521 | VV | 4663 | 99438 | 1.20% | 0.197% |
| 85         | 7.530 | 7.521 | 7.576 | VV | 2852 | 67826 | 0.82% | 0.134% |
| 86         | 7.594 | 7.576 | 7.614 | VV | 1815 | 33385 | 0.40% | 0.066% |
| 87         | 7.642 | 7.614 | 7.653 | VV | 2012 | 34767 | 0.42% | 0.069% |
| 88         | 7.667 | 7.653 | 7.680 | VV | 2300 | 29639 | 0.36% | 0.059% |
| 89         | 7.693 | 7.680 | 7.720 | VV | 2353 | 34959 | 0.42% | 0.069% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 90  | 7.765  | 7.720  | 7.793  | VV | 2627       | 54097  | 0.65% | 0.107% |
| 91  | 7.807  | 7.793  | 7.826  | VV | 887        | 15056  | 0.18% | 0.030% |
| 92  | 7.855  | 7.826  | 7.873  | VV | 1886       | 37122  | 0.45% | 0.074% |
| 93  | 7.912  | 7.873  | 7.926  | VV | 1824       | 48497  | 0.58% | 0.096% |
| 94  | 7.945  | 7.926  | 7.977  | VV | 8146       | 106626 | 1.29% | 0.211% |
| 95  | 8.005  | 7.977  | 8.026  | VV | 4962       | 75722  | 0.91% | 0.150% |
| 96  | 8.035  | 8.026  | 8.074  | VV | 2057       | 41066  | 0.50% | 0.081% |
| 97  | 8.090  | 8.074  | 8.107  | VV | 1561       | 25212  | 0.30% | 0.050% |
| 98  | 8.117  | 8.107  | 8.129  | VV | 1301       | 14365  | 0.17% | 0.028% |
| 99  | 8.151  | 8.129  | 8.206  | VV | 1980       | 45835  | 0.55% | 0.091% |
| 100 | 8.328  | 8.314  | 8.377  | VV | 5601       | 154640 | 1.86% | 0.306% |
| 101 | 8.387  | 8.377  | 8.418  | VV | 3159       | 64298  | 0.78% | 0.127% |
| 102 | 8.434  | 8.418  | 8.455  | VV | 2845       | 51601  | 0.62% | 0.102% |
| 103 | 8.476  | 8.455  | 8.500  | VV | 4261       | 69219  | 0.83% | 0.137% |
| 104 | 8.529  | 8.500  | 8.556  | VV | 2018       | 49668  | 0.60% | 0.098% |
| 105 | 8.573  | 8.556  | 8.596  | VV | 1356       | 29259  | 0.35% | 0.058% |
| 106 | 8.616  | 8.596  | 8.637  | VV | 2029       | 39860  | 0.48% | 0.079% |
| 107 | 8.646  | 8.637  | 8.658  | VV | 1433       | 16321  | 0.20% | 0.032% |
| 108 | 8.696  | 8.658  | 8.724  | VV | 1537       | 48925  | 0.59% | 0.097% |
| 109 | 8.761  | 8.724  | 8.816  | VV | 10179      | 169708 | 2.05% | 0.336% |
| 110 | 8.842  | 8.816  | 8.862  | VV | 1630       | 31356  | 0.38% | 0.062% |
| 111 | 8.890  | 8.862  | 8.910  | VV | 1526       | 32137  | 0.39% | 0.064% |
| 112 | 8.950  | 8.910  | 9.012  | VV | 4256       | 111776 | 1.35% | 0.221% |
| 113 | 9.032  | 9.012  | 9.069  | VV | 1470       | 35587  | 0.43% | 0.071% |
| 114 | 9.081  | 9.069  | 9.093  | VV | 1012       | 12671  | 0.15% | 0.025% |
| 115 | 9.124  | 9.093  | 9.166  | VV | 3673       | 97093  | 1.17% | 0.192% |
| 116 | 9.182  | 9.166  | 9.199  | VV | 1937       | 33225  | 0.40% | 0.066% |
| 117 | 9.215  | 9.199  | 9.244  | VV | 1948       | 41147  | 0.50% | 0.082% |
| 118 | 9.261  | 9.244  | 9.280  | VV | 2388       | 36357  | 0.44% | 0.072% |
| 119 | 9.313  | 9.280  | 9.343  | VV | 1924       | 50534  | 0.61% | 0.100% |
| 120 | 9.353  | 9.343  | 9.372  | VV | 884        | 14490  | 0.17% | 0.029% |
| 121 | 9.378  | 9.372  | 9.401  | VV | 894        | 12888  | 0.16% | 0.026% |
| 122 | 9.411  | 9.401  | 9.422  | VV | 771        | 8966   | 0.11% | 0.018% |
| 123 | 9.447  | 9.422  | 9.459  | VV | 1249       | 22761  | 0.27% | 0.045% |
| 124 | 9.483  | 9.459  | 9.506  | VV | 1866       | 41019  | 0.49% | 0.081% |
| 125 | 9.534  | 9.506  | 9.576  | VV | 11982      | 161704 | 1.95% | 0.320% |
| 126 | 9.607  | 9.576  | 9.670  | VV | 1320       | 52904  | 0.64% | 0.105% |
| 127 | 9.693  | 9.670  | 9.731  | VV | 958        | 22932  | 0.28% | 0.045% |
| 128 | 9.759  | 9.731  | 9.784  | VV | 906        | 17489  | 0.21% | 0.035% |
| 129 | 9.809  | 9.784  | 9.819  | VV | 665        | 11635  | 0.14% | 0.023% |
| 130 | 9.876  | 9.819  | 9.889  | VV | 1573       | 37125  | 0.45% | 0.074% |
| 131 | 9.918  | 9.889  | 9.949  | VV | 3948       | 83250  | 1.00% | 0.165% |
| 132 | 9.968  | 9.949  | 9.986  | VV | 1888       | 30810  | 0.37% | 0.061% |
| 133 | 10.008 | 9.986  | 10.039 | VV | 2120       | 47801  | 0.58% | 0.095% |
| 134 | 10.060 | 10.039 | 10.083 | VV | 2248       | 34530  | 0.42% | 0.068% |
| 135 | 10.101 | 10.083 | 10.136 | VV | 1006       | 25298  | 0.31% | 0.050% |
| 136 | 10.148 | 10.136 | 10.175 | VV | 1106       | 22497  | 0.27% | 0.045% |
| 137 | 10.197 | 10.175 | 10.209 | VV | 1256       | 20939  | 0.25% | 0.041% |
| 138 | 10.267 | 10.209 | 10.297 | VV | 12529      | 206448 | 2.49% | 0.409% |
| 139 | 10.337 | 10.297 | 10.419 | VV | 4462       | 141332 | 1.70% | 0.280% |
| 140 | 10.450 | 10.419 | 10.469 | VV | 988        | 20700  | 0.25% | 0.041% |
| 141 | 10.502 | 10.469 | 10.561 | VV | 9106       | 193191 | 2.33% | 0.383% |

|     |        |        |        |    | rteres.txt |         |         |         |
|-----|--------|--------|--------|----|------------|---------|---------|---------|
| 142 | 10.585 | 10.561 | 10.625 | VV | 3571       | 95185   | 1.15%   | 0.189%  |
| 143 | 10.647 | 10.625 | 10.696 | VV | 2462       | 70393   | 0.85%   | 0.139%  |
| 144 | 10.720 | 10.696 | 10.752 | VV | 1851       | 38327   | 0.46%   | 0.076%  |
| 145 | 10.769 | 10.752 | 10.791 | VV | 1379       | 21705   | 0.26%   | 0.043%  |
| 146 | 10.815 | 10.791 | 10.833 | VV | 869        | 18070   | 0.22%   | 0.036%  |
| 147 | 10.899 | 10.833 | 10.924 | VV | 1153       | 46071   | 0.56%   | 0.091%  |
| 148 | 10.965 | 10.924 | 11.001 | VV | 10368      | 148623  | 1.79%   | 0.295%  |
| 149 | 11.055 | 11.001 | 11.086 | VV | 3471       | 79585   | 0.96%   | 0.158%  |
| 150 | 11.109 | 11.086 | 11.132 | VV | 627        | 13515   | 0.16%   | 0.027%  |
| 151 | 11.160 | 11.132 | 11.194 | VV | 780        | 16890   | 0.20%   | 0.033%  |
| 152 | 11.262 | 11.194 | 11.309 | VV | 160445     | 1812130 | 21.85%  | 3.591%  |
| 153 | 11.356 | 11.309 | 11.382 | VV | 2189       | 78137   | 0.94%   | 0.155%  |
| 154 | 11.407 | 11.382 | 11.432 | VV | 3476       | 73004   | 0.88%   | 0.145%  |
| 155 | 11.442 | 11.432 | 11.463 | VV | 2111       | 31506   | 0.38%   | 0.062%  |
| 156 | 11.481 | 11.463 | 11.497 | VV | 1376       | 24241   | 0.29%   | 0.048%  |
| 157 | 11.519 | 11.497 | 11.582 | VV | 4606       | 80005   | 0.96%   | 0.159%  |
| 158 | 11.631 | 11.582 | 11.653 | VV | 8914       | 131649  | 1.59%   | 0.261%  |
| 159 | 11.683 | 11.653 | 11.764 | VV | 146772     | 1807473 | 21.80%  | 3.582%  |
| 160 | 11.780 | 11.764 | 11.810 | VV | 929        | 20464   | 0.25%   | 0.041%  |
| 161 | 11.824 | 11.810 | 11.880 | VV | 895        | 21479   | 0.26%   | 0.043%  |
| 162 | 11.909 | 11.880 | 11.952 | PV | 1300       | 36425   | 0.44%   | 0.072%  |
| 163 | 11.970 | 11.952 | 11.994 | VV | 1099       | 20532   | 0.25%   | 0.041%  |
| 164 | 12.010 | 11.994 | 12.024 | VV | 1094       | 15697   | 0.19%   | 0.031%  |
| 165 | 12.040 | 12.024 | 12.062 | VV | 1247       | 19755   | 0.24%   | 0.039%  |
| 166 | 12.089 | 12.062 | 12.127 | VV | 1309       | 30031   | 0.36%   | 0.060%  |
| 167 | 12.146 | 12.127 | 12.171 | VV | 2047       | 28225   | 0.34%   | 0.056%  |
| 168 | 12.192 | 12.171 | 12.232 | VV | 1408       | 27400   | 0.33%   | 0.054%  |
| 169 | 12.267 | 12.232 | 12.284 | VV | 7712       | 102662  | 1.24%   | 0.203%  |
| 170 | 12.304 | 12.284 | 12.369 | VV | 14554      | 243610  | 2.94%   | 0.483%  |
| 171 | 12.393 | 12.369 | 12.458 | VV | 1169       | 29926   | 0.36%   | 0.059%  |
| 172 | 12.495 | 12.458 | 12.503 | PV | 546        | 10346   | 0.12%   | 0.021%  |
| 173 | 12.528 | 12.503 | 12.551 | VV | 860        | 19528   | 0.24%   | 0.039%  |
| 174 | 12.567 | 12.551 | 12.577 | VV | 1633       | 20806   | 0.25%   | 0.041%  |
| 175 | 12.597 | 12.577 | 12.644 | VV | 11496      | 186387  | 2.25%   | 0.369%  |
| 176 | 12.697 | 12.644 | 12.730 | VV | 522440     | 8291928 | 100.00% | 16.431% |
| 177 | 12.753 | 12.730 | 12.776 | VV | 468405     | 5776308 | 69.66%  | 11.446% |
| 178 | 12.783 | 12.776 | 12.853 | VV | 41696      | 563879  | 6.80%   | 1.117%  |
| 179 | 12.876 | 12.853 | 12.902 | VV | 6971       | 108326  | 1.31%   | 0.215%  |
| 180 | 12.930 | 12.902 | 12.977 | VV | 60089      | 773602  | 9.33%   | 1.533%  |
| 181 | 12.989 | 12.977 | 13.005 | VV | 3144       | 42811   | 0.52%   | 0.085%  |
| 182 | 13.016 | 13.005 | 13.047 | VV | 2241       | 39185   | 0.47%   | 0.078%  |
| 183 | 13.065 | 13.047 | 13.079 | VV | 1343       | 21672   | 0.26%   | 0.043%  |
| 184 | 13.093 | 13.079 | 13.115 | VV | 1245       | 22312   | 0.27%   | 0.044%  |
| 185 | 13.125 | 13.115 | 13.155 | VV | 904        | 18194   | 0.22%   | 0.036%  |
| 186 | 13.224 | 13.155 | 13.253 | VV | 10315      | 204882  | 2.47%   | 0.406%  |
| 187 | 13.268 | 13.253 | 13.286 | VV | 2131       | 34063   | 0.41%   | 0.067%  |
| 188 | 13.303 | 13.286 | 13.317 | VV | 2338       | 34788   | 0.42%   | 0.069%  |
| 189 | 13.334 | 13.317 | 13.359 | VV | 2916       | 50419   | 0.61%   | 0.100%  |
| 190 | 13.366 | 13.359 | 13.396 | VV | 1578       | 21325   | 0.26%   | 0.042%  |
| 191 | 13.421 | 13.396 | 13.437 | VV | 1424       | 20687   | 0.25%   | 0.041%  |
| 192 | 13.459 | 13.437 | 13.487 | VV | 5512       | 76803   | 0.93%   | 0.152%  |
| 193 | 13.507 | 13.487 | 13.532 | VV | 2151       | 31502   | 0.38%   | 0.062%  |
| 194 | 13.565 | 13.532 | 13.616 | VV | 1129       | 29241   | 0.35%   | 0.058%  |

|            |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| rteres.txt |        |        |        |    |       |        |       |        |
| 195        | 13.713 | 13.616 | 13.733 | PV | 8094  | 143407 | 1.73% | 0.284% |
| 196        | 13.750 | 13.733 | 13.786 | VV | 3352  | 79669  | 0.96% | 0.158% |
| 197        | 13.816 | 13.786 | 13.831 | VV | 2536  | 56851  | 0.69% | 0.113% |
| 198        | 13.862 | 13.831 | 13.881 | VV | 3759  | 82783  | 1.00% | 0.164% |
| 199        | 13.908 | 13.881 | 13.927 | VV | 9362  | 148214 | 1.79% | 0.294% |
| 200        | 13.937 | 13.927 | 13.977 | VV | 4376  | 79520  | 0.96% | 0.158% |
| 201        | 14.018 | 13.977 | 14.050 | VV | 6969  | 142132 | 1.71% | 0.282% |
| 202        | 14.075 | 14.050 | 14.116 | VV | 9768  | 165310 | 1.99% | 0.328% |
| 203        | 14.136 | 14.116 | 14.152 | VV | 2114  | 37463  | 0.45% | 0.074% |
| 204        | 14.182 | 14.152 | 14.209 | VV | 2396  | 59087  | 0.71% | 0.117% |
| 205        | 14.238 | 14.209 | 14.260 | VV | 1266  | 30281  | 0.37% | 0.060% |
| 206        | 14.273 | 14.260 | 14.322 | VV | 890   | 16404  | 0.20% | 0.033% |
| 207        | 14.363 | 14.322 | 14.378 | PV | 414   | 7908   | 0.10% | 0.016% |
| 208        | 14.397 | 14.378 | 14.427 | VV | 690   | 10606  | 0.13% | 0.021% |
| 209        | 14.477 | 14.427 | 14.495 | VV | 4164  | 67949  | 0.82% | 0.135% |
| 210        | 14.516 | 14.495 | 14.534 | VV | 4855  | 82551  | 1.00% | 0.164% |
| 211        | 14.554 | 14.534 | 14.587 | VV | 6355  | 102526 | 1.24% | 0.203% |
| 212        | 14.625 | 14.587 | 14.651 | VV | 1375  | 33618  | 0.41% | 0.067% |
| 213        | 14.667 | 14.651 | 14.689 | VV | 519   | 8850   | 0.11% | 0.018% |
| 214        | 14.710 | 14.689 | 14.728 | VV | 1071  | 15202  | 0.18% | 0.030% |
| 215        | 14.753 | 14.728 | 14.782 | VV | 1556  | 27677  | 0.33% | 0.055% |
| 216        | 14.792 | 14.782 | 14.811 | VV | 553   | 7705   | 0.09% | 0.015% |
| 217        | 14.827 | 14.811 | 14.851 | VV | 513   | 8326   | 0.10% | 0.016% |
| 218        | 14.860 | 14.851 | 14.879 | VV | 284   | 3285   | 0.04% | 0.007% |
| 219        | 14.948 | 14.879 | 14.957 | PV | 4845  | 94321  | 1.14% | 0.187% |
| 220        | 14.965 | 14.957 | 15.047 | VV | 4568  | 117303 | 1.41% | 0.232% |
| 221        | 15.072 | 15.047 | 15.102 | VV | 4674  | 64791  | 0.78% | 0.128% |
| 222        | 15.132 | 15.102 | 15.216 | VV | 6725  | 114007 | 1.37% | 0.226% |
| 223        | 15.252 | 15.216 | 15.264 | PV | 426   | 9182   | 0.11% | 0.018% |
| 224        | 15.284 | 15.264 | 15.292 | VV | 653   | 8780   | 0.11% | 0.017% |
| 225        | 15.317 | 15.292 | 15.346 | VV | 884   | 21037  | 0.25% | 0.042% |
| 226        | 15.366 | 15.346 | 15.380 | VV | 690   | 9159   | 0.11% | 0.018% |
| 227        | 15.392 | 15.380 | 15.419 | VV | 701   | 11384  | 0.14% | 0.023% |
| 228        | 15.490 | 15.419 | 15.514 | VV | 875   | 36638  | 0.44% | 0.073% |
| 229        | 15.571 | 15.514 | 15.604 | VV | 7216  | 118359 | 1.43% | 0.235% |
| 230        | 15.634 | 15.604 | 15.679 | VV | 1215  | 36792  | 0.44% | 0.073% |
| 231        | 15.744 | 15.679 | 15.759 | VV | 3594  | 92474  | 1.12% | 0.183% |
| 232        | 15.783 | 15.759 | 15.876 | VV | 4048  | 192932 | 2.33% | 0.382% |
| 233        | 15.884 | 15.876 | 15.905 | VV | 1635  | 24179  | 0.29% | 0.048% |
| 234        | 15.930 | 15.905 | 15.946 | VV | 2107  | 40285  | 0.49% | 0.080% |
| 235        | 15.954 | 15.946 | 15.976 | VV | 1821  | 29097  | 0.35% | 0.058% |
| 236        | 16.053 | 15.976 | 16.090 | VV | 9539  | 287676 | 3.47% | 0.570% |
| 237        | 16.115 | 16.090 | 16.136 | VV | 4610  | 84016  | 1.01% | 0.166% |
| 238        | 16.165 | 16.136 | 16.219 | VV | 2899  | 127501 | 1.54% | 0.253% |
| 239        | 16.224 | 16.219 | 16.266 | VV | 2357  | 57815  | 0.70% | 0.115% |
| 240        | 16.353 | 16.266 | 16.376 | VV | 7652  | 239727 | 2.89% | 0.475% |
| 241        | 16.399 | 16.376 | 16.486 | VV | 10430 | 351656 | 4.24% | 0.697% |
| 242        | 16.517 | 16.486 | 16.541 | VV | 12426 | 231765 | 2.80% | 0.459% |
| 243        | 16.556 | 16.541 | 16.582 | VV | 5283  | 112011 | 1.35% | 0.222% |
| 244        | 16.591 | 16.582 | 16.630 | VV | 3855  | 97716  | 1.18% | 0.194% |
| 245        | 16.684 | 16.630 | 16.702 | VV | 3923  | 148408 | 1.79% | 0.294% |
| 246        | 16.717 | 16.702 | 16.741 | VV | 4546  | 91690  | 1.11% | 0.182% |

|     |        |        |                         |    |            |          |        |        |
|-----|--------|--------|-------------------------|----|------------|----------|--------|--------|
|     |        |        |                         |    | rteres.txt |          |        |        |
| 247 | 16.803 | 16.741 | 16.829                  | VV | 5050       | 221565   | 2.67%  | 0.439% |
| 248 | 16.849 | 16.829 | 16.866                  | VV | 4411       | 90064    | 1.09%  | 0.178% |
| 249 | 16.891 | 16.866 | 16.917                  | VV | 5476       | 145431   | 1.75%  | 0.288% |
| 250 | 16.967 | 16.917 | 16.992                  | VV | 15815      | 343673   | 4.14%  | 0.681% |
| 251 | 17.004 | 16.992 | 17.017                  | VV | 4988       | 70728    | 0.85%  | 0.140% |
| 252 | 17.070 | 17.017 | 17.087                  | VV | 6530       | 223987   | 2.70%  | 0.444% |
| 253 | 17.111 | 17.087 | 17.158                  | VV | 5399       | 209789   | 2.53%  | 0.416% |
| 254 | 17.169 | 17.158 | 17.189                  | VV | 4607       | 85087    | 1.03%  | 0.169% |
| 255 | 17.278 | 17.189 | 17.289                  | VV | 5465       | 299431   | 3.61%  | 0.593% |
| 256 | 17.298 | 17.289 | 17.321                  | VV | 5541       | 100973   | 1.22%  | 0.200% |
| 257 | 17.347 | 17.321 | 17.356                  | VV | 6698       | 124963   | 1.51%  | 0.248% |
| 258 | 17.402 | 17.356 | 17.433                  | VV | 19027      | 447707   | 5.40%  | 0.887% |
| 259 | 17.503 | 17.433 | 17.523                  | VV | 10179      | 373104   | 4.50%  | 0.739% |
| 260 | 17.537 | 17.523 | 17.588                  | VV | 8155       | 289991   | 3.50%  | 0.575% |
| 261 | 17.603 | 17.588 | 17.639                  | VV | 7152       | 206262   | 2.49%  | 0.409% |
| 262 | 17.683 | 17.639 | 17.712                  | VV | 10898      | 386296   | 4.66%  | 0.765% |
| 263 | 17.717 | 17.712 | 17.736                  | VV | 8774       | 117227   | 1.41%  | 0.232% |
| 264 | 17.781 | 17.736 | 17.798                  | VV | 11995      | 381373   | 4.60%  | 0.756% |
| 265 | 17.822 | 17.798 | 17.849                  | VV | 25442      | 498080   | 6.01%  | 0.987% |
| 266 | 17.869 | 17.849 | 17.891                  | VV | 12121      | 264960   | 3.20%  | 0.525% |
| 267 | 17.910 | 17.891 | 17.932                  | VV | 10074      | 233980   | 2.82%  | 0.464% |
| 268 | 17.949 | 17.932 | 17.979                  | VV | 10379      | 270406   | 3.26%  | 0.536% |
| 269 | 17.987 | 17.979 | 17.998                  | VV | 9752       | 109612   | 1.32%  | 0.217% |
| 270 | 18.027 | 17.998 | 18.056                  | VV | 11411      | 353180   | 4.26%  | 0.700% |
| 271 | 18.090 | 18.056 | 18.122                  | VV | 11101      | 408192   | 4.92%  | 0.809% |
| 272 | 18.136 | 18.122 | 18.147                  | VV | 10083      | 146970   | 1.77%  | 0.291% |
| 273 | 18.166 | 18.147 | 18.180                  | VV | 10811      | 204938   | 2.47%  | 0.406% |
| 274 | 18.231 | 18.180 | 18.276                  | VV | 26045      | 877633   | 10.58% | 1.739% |
| 275 | 18.293 | 18.276 | 18.307                  | VV | 13382      | 235942   | 2.85%  | 0.468% |
| 276 | 18.341 | 18.307 | 18.382                  | VV | 13850      | 581755   | 7.02%  | 1.153% |
| 277 | 18.397 | 18.382 | 18.416                  | VV | 12408      | 244649   | 2.95%  | 0.485% |
| 278 | 18.484 | 18.416 | 18.506                  | VV | 14622      | 719886   | 8.68%  | 1.426% |
| 279 | 18.529 | 18.506 | 18.544                  | VV | 13918      | 302368   | 3.65%  | 0.599% |
| 280 | 18.626 | 18.544 | 18.668                  | VV | 28707      | 1298677  | 15.66% | 2.573% |
| 281 | 18.694 | 18.668 | 18.706                  | VV | 15789      | 345860   | 4.17%  | 0.685% |
| 282 | 18.726 | 18.706 | 18.736                  | VV | 15926      | 276981   | 3.34%  | 0.549% |
| 283 | 18.747 | 18.736 | 18.762                  | VV | 15896      | 249292   | 3.01%  | 0.494% |
| 284 | 18.800 | 18.762 | 18.844                  | VV | 20722      | 880110   | 10.61% | 1.744% |
| 285 | 18.877 | 18.844 | 18.906                  | VV | 18880      | 666633   | 8.04%  | 1.321% |
| 286 | 18.913 | 18.906 | 18.920                  | VV | 18261      | 153326   | 1.85%  | 0.304% |
| 287 | 18.927 | 18.920 | 18.963                  | VV | 18510      | 471935   | 5.69%  | 0.935% |
| 288 | 19.011 | 18.963 | 19.059                  | VV | 30387      | 1260123  | 15.20% | 2.497% |
| 289 | 19.075 | 19.059 | 19.082                  | VV | 19953      | 265520   | 3.20%  | 0.526% |
| 290 | 19.098 | 19.082 | 19.112                  | VV | 20546      | 367185   | 4.43%  | 0.728% |
| 291 | 19.127 | 19.112 | 19.165                  | VV | 20929      | 646601   | 7.80%  | 1.281% |
| 292 | 19.204 | 19.165 | 19.226                  | VV | 21174      | 751835   | 9.07%  | 1.490% |
| 293 | 19.258 | 19.226 | 19.269                  | VV | 22518      | 559138   | 6.74%  | 1.108% |
| 294 | 19.313 | 19.269 | 19.346                  | VV | 30714      | 1190126  | 14.35% | 2.358% |
| 295 | 19.385 | 19.346 | 19.409                  | VV | 32141      | 1001173  | 12.07% | 1.984% |
| 296 | 19.428 | 19.409 | 19.448                  | VV | 25715      | 584927   | 7.05%  | 1.159% |
|     |        |        | Sum of corrected areas: |    |            | 50465935 |        |        |

Alaphatic EPH 010919.M Fri Jan 11 08:45:40 2019 rteres.txt