

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC073118AL\  
 Data File : FC035701.D  
 Signal(s) : FID1A.CH  
 Acq On : 01 Aug 2018 7:49  
 Sample : J3825-15  
 Misc :  
 ALS Vial : 29 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         | 3.227       | 3.202        | 3.265      | BV       | 359            | 5332         | 0.01%          | 0.001%        |
| 2         | 3.298       | 3.289        | 3.316      | VV       | 122            | 1144         | 0.00%          | 0.000%        |
| 3         | 3.327       | 3.316        | 3.355      | PV       | 102            | 1391         | 0.00%          | 0.000%        |
| 4         | 3.362       | 3.355        | 3.392      | VV       | 154            | 1236         | 0.00%          | 0.000%        |
| 5         | 3.408       | 3.392        | 3.477      | VV       | 200            | 5932         | 0.01%          | 0.001%        |
| 6         | 3.487       | 3.477        | 3.521      | VV       | 170            | 2468         | 0.00%          | 0.001%        |
| 7         | 3.527       | 3.521        | 3.541      | PV       | 160            | 1162         | 0.00%          | 0.000%        |
| 8         | 3.564       | 3.541        | 3.582      | VV       | 289            | 3936         | 0.00%          | 0.001%        |
| 9         | 3.596       | 3.582        | 3.608      | VV       | 279            | 3469         | 0.00%          | 0.001%        |
| 10        | 3.622       | 3.608        | 3.649      | VV       | 492            | 6007         | 0.01%          | 0.002%        |
| 11        | 3.672       | 3.649        | 3.696      | VV       | 143            | 2712         | 0.00%          | 0.001%        |
| 12        | 3.717       | 3.696        | 3.752      | PV       | 625            | 9729         | 0.01%          | 0.002%        |
| 13        | 3.759       | 3.752        | 3.782      | VV       | 214            | 2928         | 0.00%          | 0.001%        |
| 14        | 3.800       | 3.782        | 3.822      | VV       | 589            | 8999         | 0.01%          | 0.002%        |
| 15        | 3.833       | 3.822        | 3.862      | VV       | 439            | 6466         | 0.01%          | 0.002%        |
| 16        | 3.894       | 3.862        | 3.970      | VV       | 1635           | 38090        | 0.04%          | 0.010%        |
| 17        | 3.985       | 3.970        | 4.014      | VV       | 602            | 10382        | 0.01%          | 0.003%        |
| 18        | 4.064       | 4.014        | 4.171      | VV       | 9072           | 143748       | 0.15%          | 0.036%        |
| 19        | 4.182       | 4.171        | 4.227      | VV       | 331            | 8231         | 0.01%          | 0.002%        |
| 20        | 4.244       | 4.227        | 4.268      | VV       | 661            | 8013         | 0.01%          | 0.002%        |
| 21        | 4.292       | 4.268        | 4.312      | VV       | 1486           | 17568        | 0.02%          | 0.004%        |
| 22        | 4.331       | 4.312        | 4.347      | VV       | 1198           | 11956        | 0.01%          | 0.003%        |
| 23        | 4.363       | 4.347        | 4.382      | VV       | 750            | 9423         | 0.01%          | 0.002%        |
| 24        | 4.390       | 4.382        | 4.422      | VV       | 369            | 5022         | 0.01%          | 0.001%        |
| 25        | 4.437       | 4.422        | 4.471      | PV       | 489            | 7941         | 0.01%          | 0.002%        |
| 26        | 4.487       | 4.471        | 4.497      | VV       | 314            | 3352         | 0.00%          | 0.001%        |
| 27        | 4.519       | 4.497        | 4.534      | VV       | 1433           | 17137        | 0.02%          | 0.004%        |
| 28        | 4.543       | 4.534        | 4.558      | VV       | 1003           | 9200         | 0.01%          | 0.002%        |
| 29        | 4.571       | 4.558        | 4.586      | VV       | 628            | 6072         | 0.01%          | 0.002%        |
| 30        | 4.631       | 4.586        | 4.651      | VV       | 1791           | 34976        | 0.04%          | 0.009%        |
| 31        | 4.666       | 4.651        | 4.684      | VV       | 2246           | 25859        | 0.03%          | 0.006%        |
| 32        | 4.719       | 4.684        | 4.732      | VV       | 3567           | 57616        | 0.06%          | 0.014%        |
| 33        | 4.753       | 4.732        | 4.775      | VV       | 2794           | 52219        | 0.06%          | 0.013%        |
| 34        | 4.814       | 4.775        | 4.834      | VV       | 1801           | 37039        | 0.04%          | 0.009%        |
| 35        | 4.845       | 4.834        | 4.862      | VV       | 369            | 4562         | 0.00%          | 0.001%        |
| 36        | 4.885       | 4.862        | 4.910      | PV       | 1473           | 27822        | 0.03%          | 0.007%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 4.929 | 4.910 | 4.956 | VV | 3731  | 55062  | 0.06% | 0.014% |
| 38         | 4.975 | 4.956 | 4.990 | VV | 2449  | 30657  | 0.03% | 0.008% |
| 39         | 5.004 | 4.990 | 5.017 | VV | 3380  | 33617  | 0.04% | 0.008% |
| 40         | 5.034 | 5.017 | 5.049 | VV | 7916  | 89091  | 0.09% | 0.022% |
|            |       |       |       |    |       |        |       |        |
| 41         | 5.063 | 5.049 | 5.108 | VV | 6564  | 113777 | 0.12% | 0.028% |
| 42         | 5.124 | 5.108 | 5.135 | VV | 1552  | 19713  | 0.02% | 0.005% |
| 43         | 5.148 | 5.135 | 5.171 | VV | 2161  | 33213  | 0.04% | 0.008% |
| 44         | 5.190 | 5.171 | 5.203 | VV | 3345  | 43101  | 0.05% | 0.011% |
| 45         | 5.214 | 5.203 | 5.232 | VV | 3594  | 38153  | 0.04% | 0.010% |
|            |       |       |       |    |       |        |       |        |
| 46         | 5.273 | 5.232 | 5.292 | VV | 1961  | 32073  | 0.03% | 0.008% |
| 47         | 5.327 | 5.292 | 5.376 | PV | 14423 | 273324 | 0.29% | 0.068% |
| 48         | 5.395 | 5.376 | 5.431 | VV | 2365  | 33217  | 0.04% | 0.008% |
| 49         | 5.447 | 5.431 | 5.462 | VV | 740   | 8440   | 0.01% | 0.002% |
| 50         | 5.475 | 5.462 | 5.483 | VV | 1011  | 8867   | 0.01% | 0.002% |
|            |       |       |       |    |       |        |       |        |
| 51         | 5.505 | 5.483 | 5.529 | VV | 8811  | 117673 | 0.12% | 0.029% |
| 52         | 5.540 | 5.529 | 5.562 | VV | 2817  | 35624  | 0.04% | 0.009% |
| 53         | 5.603 | 5.562 | 5.642 | VV | 11444 | 242241 | 0.26% | 0.061% |
| 54         | 5.663 | 5.642 | 5.678 | VV | 7223  | 111514 | 0.12% | 0.028% |
| 55         | 5.693 | 5.678 | 5.719 | VV | 14600 | 180041 | 0.19% | 0.045% |
|            |       |       |       |    |       |        |       |        |
| 56         | 5.734 | 5.719 | 5.754 | VV | 5536  | 80741  | 0.09% | 0.020% |
| 57         | 5.777 | 5.754 | 5.797 | VV | 5701  | 85367  | 0.09% | 0.021% |
| 58         | 5.827 | 5.797 | 5.848 | VV | 6392  | 119532 | 0.13% | 0.030% |
| 59         | 5.880 | 5.848 | 5.891 | VV | 5554  | 108107 | 0.11% | 0.027% |
| 60         | 5.918 | 5.891 | 5.939 | VV | 7169  | 146834 | 0.16% | 0.037% |
|            |       |       |       |    |       |        |       |        |
| 61         | 5.963 | 5.939 | 5.981 | VV | 7753  | 103259 | 0.11% | 0.026% |
| 62         | 6.004 | 5.981 | 6.016 | VV | 9482  | 139956 | 0.15% | 0.035% |
| 63         | 6.026 | 6.016 | 6.069 | VV | 9160  | 208297 | 0.22% | 0.052% |
| 64         | 6.086 | 6.069 | 6.114 | VV | 8263  | 139149 | 0.15% | 0.035% |
| 65         | 6.136 | 6.114 | 6.162 | VV | 9166  | 163468 | 0.17% | 0.041% |
|            |       |       |       |    |       |        |       |        |
| 66         | 6.184 | 6.162 | 6.197 | VV | 5358  | 86789  | 0.09% | 0.022% |
| 67         | 6.233 | 6.197 | 6.264 | VV | 15854 | 296168 | 0.31% | 0.074% |
| 68         | 6.276 | 6.264 | 6.286 | VV | 4999  | 57454  | 0.06% | 0.014% |
| 69         | 6.305 | 6.286 | 6.371 | VV | 36980 | 586573 | 0.62% | 0.147% |
| 70         | 6.389 | 6.371 | 6.400 | VV | 5787  | 76095  | 0.08% | 0.019% |
|            |       |       |       |    |       |        |       |        |
| 71         | 6.419 | 6.400 | 6.434 | VV | 8221  | 139463 | 0.15% | 0.035% |
| 72         | 6.452 | 6.434 | 6.478 | VV | 17699 | 265851 | 0.28% | 0.066% |
| 73         | 6.497 | 6.478 | 6.513 | VV | 10838 | 156518 | 0.17% | 0.039% |
| 74         | 6.523 | 6.513 | 6.536 | VV | 6631  | 75115  | 0.08% | 0.019% |
| 75         | 6.577 | 6.536 | 6.598 | VV | 18813 | 316733 | 0.34% | 0.079% |
|            |       |       |       |    |       |        |       |        |
| 76         | 6.637 | 6.598 | 6.669 | VV | 13372 | 334506 | 0.35% | 0.084% |
| 77         | 6.696 | 6.669 | 6.747 | VV | 45111 | 664689 | 0.70% | 0.166% |
| 78         | 6.768 | 6.747 | 6.784 | VV | 10193 | 161240 | 0.17% | 0.040% |
| 79         | 6.816 | 6.784 | 6.837 | VV | 17621 | 353649 | 0.37% | 0.088% |
| 80         | 6.859 | 6.837 | 6.886 | VV | 23669 | 343563 | 0.36% | 0.086% |
|            |       |       |       |    |       |        |       |        |
| 81         | 6.921 | 6.886 | 6.947 | VV | 30052 | 581953 | 0.62% | 0.145% |
| 82         | 6.962 | 6.947 | 6.981 | VV | 16037 | 206917 | 0.22% | 0.052% |
| 83         | 7.002 | 6.981 | 7.037 | VV | 24972 | 442327 | 0.47% | 0.110% |
| 84         | 7.059 | 7.037 | 7.081 | VV | 14543 | 275093 | 0.29% | 0.069% |
| 85         | 7.102 | 7.081 | 7.116 | VV | 12078 | 187566 | 0.20% | 0.047% |
|            |       |       |       |    |       |        |       |        |
| 86         | 7.129 | 7.116 | 7.160 | VV | 10746 | 237341 | 0.25% | 0.059% |
| 87         | 7.198 | 7.160 | 7.209 | VV | 41289 | 580182 | 0.61% | 0.145% |
| 88         | 7.224 | 7.209 | 7.245 | VV | 75061 | 892979 | 0.95% | 0.223% |
| 89         | 7.258 | 7.245 | 7.280 | VV | 15614 | 277864 | 0.29% | 0.069% |

| rteres.txt |       |       |       |    |        |         |       |        |
|------------|-------|-------|-------|----|--------|---------|-------|--------|
| 90         | 7.288 | 7.280 | 7.329 | VV | 14207  | 324530  | 0.34% | 0.081% |
| 91         | 7.344 | 7.329 | 7.356 | VV | 8724   | 126710  | 0.13% | 0.032% |
| 92         | 7.392 | 7.356 | 7.427 | VV | 31930  | 716839  | 0.76% | 0.179% |
| 93         | 7.446 | 7.427 | 7.467 | VV | 16632  | 261260  | 0.28% | 0.065% |
| 94         | 7.485 | 7.467 | 7.498 | VV | 12035  | 167399  | 0.18% | 0.042% |
| 95         | 7.528 | 7.498 | 7.571 | VV | 569708 | 6160730 | 6.52% | 1.539% |
| 96         | 7.587 | 7.571 | 7.626 | VV | 19726  | 479602  | 0.51% | 0.120% |
| 97         | 7.645 | 7.626 | 7.663 | VV | 22515  | 379300  | 0.40% | 0.095% |
| 98         | 7.681 | 7.663 | 7.714 | VV | 21072  | 515511  | 0.55% | 0.129% |
| 99         | 7.739 | 7.714 | 7.760 | VV | 21906  | 420162  | 0.44% | 0.105% |
| 100        | 7.787 | 7.760 | 7.803 | VV | 25836  | 443932  | 0.47% | 0.111% |
| 101        | 7.819 | 7.803 | 7.829 | VV | 29330  | 363597  | 0.38% | 0.091% |
| 102        | 7.842 | 7.829 | 7.864 | VV | 33510  | 443267  | 0.47% | 0.111% |
| 103        | 7.912 | 7.864 | 7.941 | VV | 35887  | 831770  | 0.88% | 0.208% |
| 104        | 7.961 | 7.941 | 7.977 | VV | 13864  | 263108  | 0.28% | 0.066% |
| 105        | 8.023 | 7.977 | 8.049 | VV | 74965  | 1529232 | 1.62% | 0.382% |
| 106        | 8.062 | 8.049 | 8.072 | VV | 26261  | 347177  | 0.37% | 0.087% |
| 107        | 8.091 | 8.072 | 8.114 | VV | 105069 | 1354605 | 1.43% | 0.338% |
| 108        | 8.146 | 8.114 | 8.170 | VV | 28534  | 723699  | 0.77% | 0.181% |
| 109        | 8.187 | 8.170 | 8.215 | VV | 23778  | 487972  | 0.52% | 0.122% |
| 110        | 8.244 | 8.215 | 8.258 | VV | 23018  | 456632  | 0.48% | 0.114% |
| 111        | 8.271 | 8.258 | 8.284 | VV | 21260  | 285503  | 0.30% | 0.071% |
| 112        | 8.304 | 8.284 | 8.348 | VV | 29441  | 703019  | 0.74% | 0.176% |
| 113        | 8.387 | 8.348 | 8.427 | VV | 380045 | 4460030 | 4.72% | 1.114% |
| 114        | 8.447 | 8.427 | 8.487 | VV | 22362  | 722261  | 0.76% | 0.180% |
| 115        | 8.508 | 8.487 | 8.524 | VV | 26436  | 518122  | 0.55% | 0.129% |
| 116        | 8.536 | 8.524 | 8.562 | VV | 29343  | 538660  | 0.57% | 0.135% |
| 117        | 8.579 | 8.562 | 8.592 | VV | 25287  | 386998  | 0.41% | 0.097% |
| 118        | 8.624 | 8.592 | 8.650 | VV | 52233  | 976678  | 1.03% | 0.244% |
| 119        | 8.676 | 8.650 | 8.709 | VV | 27680  | 660642  | 0.70% | 0.165% |
| 120        | 8.723 | 8.709 | 8.736 | VV | 20176  | 295336  | 0.31% | 0.074% |
| 121        | 8.745 | 8.736 | 8.761 | VV | 20378  | 284486  | 0.30% | 0.071% |
| 122        | 8.769 | 8.761 | 8.785 | VV | 20792  | 264726  | 0.28% | 0.066% |
| 123        | 8.797 | 8.785 | 8.811 | VV | 17588  | 261097  | 0.28% | 0.065% |
| 124        | 8.848 | 8.811 | 8.877 | VV | 21477  | 773044  | 0.82% | 0.193% |
| 125        | 8.909 | 8.877 | 8.970 | VV | 127790 | 2269619 | 2.40% | 0.567% |
| 126        | 8.994 | 8.970 | 9.015 | VV | 24044  | 476585  | 0.50% | 0.119% |
| 127        | 9.044 | 9.015 | 9.066 | VV | 22833  | 524559  | 0.56% | 0.131% |
| 128        | 9.078 | 9.066 | 9.087 | VV | 16318  | 198452  | 0.21% | 0.050% |
| 129        | 9.102 | 9.087 | 9.116 | VV | 19130  | 291276  | 0.31% | 0.073% |
| 130        | 9.132 | 9.116 | 9.161 | VV | 20144  | 465532  | 0.49% | 0.116% |
| 131        | 9.184 | 9.161 | 9.219 | VV | 23186  | 621654  | 0.66% | 0.155% |
| 132        | 9.234 | 9.219 | 9.251 | VV | 18926  | 311473  | 0.33% | 0.078% |
| 133        | 9.282 | 9.251 | 9.312 | VV | 35909  | 880938  | 0.93% | 0.220% |
| 134        | 9.340 | 9.312 | 9.350 | VV | 24733  | 510911  | 0.54% | 0.128% |
| 135        | 9.365 | 9.350 | 9.387 | VV | 30486  | 528133  | 0.56% | 0.132% |
| 136        | 9.412 | 9.387 | 9.430 | VV | 29443  | 554202  | 0.59% | 0.138% |
| 137        | 9.464 | 9.430 | 9.487 | VV | 30928  | 769352  | 0.81% | 0.192% |
| 138        | 9.502 | 9.487 | 9.521 | VV | 16222  | 308227  | 0.33% | 0.077% |
| 139        | 9.560 | 9.521 | 9.574 | VV | 15985  | 486763  | 0.52% | 0.122% |
| 140        | 9.618 | 9.574 | 9.657 | VV | 32069  | 1165742 | 1.23% | 0.291% |
| 141        | 9.684 | 9.657 | 9.728 | VV | 140246 | 2077341 | 2.20% | 0.519% |

|     |        |        |        |    |            |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt |          |        |        |
| 142 | 9.761  | 9.728  | 9.778  | VV | 18922      | 505810   | 0.54%  | 0.126% |
| 143 | 9.786  | 9.778  | 9.825  | VV | 18008      | 416767   | 0.44%  | 0.104% |
| 144 | 9.849  | 9.825  | 9.879  | VV | 18427      | 473365   | 0.50%  | 0.118% |
| 145 | 9.894  | 9.879  | 9.904  | VV | 13513      | 196242   | 0.21%  | 0.049% |
| 146 | 9.921  | 9.904  | 9.936  | VV | 14892      | 273585   | 0.29%  | 0.068% |
| 147 | 9.954  | 9.936  | 9.979  | VV | 15603      | 361689   | 0.38%  | 0.090% |
| 148 | 10.030 | 9.979  | 10.041 | VV | 24960      | 670725   | 0.71%  | 0.168% |
| 149 | 10.070 | 10.041 | 10.096 | VV | 59148      | 1192710  | 1.26%  | 0.298% |
| 150 | 10.119 | 10.096 | 10.139 | VV | 28687      | 574551   | 0.61%  | 0.144% |
| 151 | 10.159 | 10.139 | 10.192 | VV | 27438      | 691973   | 0.73%  | 0.173% |
| 152 | 10.212 | 10.192 | 10.238 | VV | 30448      | 585600   | 0.62%  | 0.146% |
| 153 | 10.256 | 10.238 | 10.287 | VV | 15698      | 419098   | 0.44%  | 0.105% |
| 154 | 10.311 | 10.287 | 10.332 | VV | 25305      | 530425   | 0.56%  | 0.132% |
| 155 | 10.350 | 10.332 | 10.379 | VV | 19968      | 498962   | 0.53%  | 0.125% |
| 156 | 10.420 | 10.379 | 10.448 | VV | 132409     | 2067328  | 2.19%  | 0.516% |
| 157 | 10.491 | 10.448 | 10.515 | VV | 53483      | 1315332  | 1.39%  | 0.329% |
| 158 | 10.522 | 10.515 | 10.579 | VV | 23369      | 630433   | 0.67%  | 0.157% |
| 159 | 10.613 | 10.579 | 10.632 | VV | 15182      | 443128   | 0.47%  | 0.111% |
| 160 | 10.654 | 10.632 | 10.677 | VV | 18992      | 444870   | 0.47%  | 0.111% |
| 161 | 10.690 | 10.677 | 10.711 | VV | 17570      | 309271   | 0.33%  | 0.077% |
| 162 | 10.740 | 10.711 | 10.777 | VV | 24370      | 753549   | 0.80%  | 0.188% |
| 163 | 10.806 | 10.777 | 10.851 | VV | 44591      | 1093234  | 1.16%  | 0.273% |
| 164 | 10.871 | 10.851 | 10.899 | VV | 23826      | 510862   | 0.54%  | 0.128% |
| 165 | 10.923 | 10.899 | 10.949 | VV | 20115      | 467251   | 0.49%  | 0.117% |
| 166 | 10.964 | 10.949 | 10.984 | VV | 17054      | 304569   | 0.32%  | 0.076% |
| 167 | 10.996 | 10.984 | 11.016 | VV | 14295      | 252699   | 0.27%  | 0.063% |
| 168 | 11.043 | 11.016 | 11.065 | VV | 14935      | 420597   | 0.45%  | 0.105% |
| 169 | 11.085 | 11.065 | 11.094 | VV | 19270      | 292984   | 0.31%  | 0.073% |
| 170 | 11.119 | 11.094 | 11.157 | VV | 115887     | 1720794  | 1.82%  | 0.430% |
| 171 | 11.171 | 11.157 | 11.182 | VV | 17313      | 239313   | 0.25%  | 0.060% |
| 172 | 11.209 | 11.182 | 11.241 | VV | 42932      | 879887   | 0.93%  | 0.220% |
| 173 | 11.286 | 11.241 | 11.295 | VV | 12259      | 372371   | 0.39%  | 0.093% |
| 174 | 11.311 | 11.295 | 11.335 | VV | 12956      | 289817   | 0.31%  | 0.072% |
| 175 | 11.361 | 11.335 | 11.377 | VV | 12670      | 297480   | 0.31%  | 0.074% |
| 176 | 11.426 | 11.377 | 11.454 | VV | 293578     | 3689127  | 3.91%  | 0.921% |
| 177 | 11.471 | 11.454 | 11.492 | VV | 18316      | 376019   | 0.40%  | 0.094% |
| 178 | 11.512 | 11.492 | 11.532 | VV | 22562      | 420475   | 0.45%  | 0.105% |
| 179 | 11.551 | 11.532 | 11.584 | VV | 18133      | 464012   | 0.49%  | 0.116% |
| 180 | 11.601 | 11.584 | 11.622 | VV | 20827      | 359182   | 0.38%  | 0.090% |
| 181 | 11.673 | 11.622 | 11.728 | VV | 31079      | 1000000  | 1.06%  | 0.250% |
| 182 | 11.788 | 11.728 | 11.810 | VV | 91613      | 1672141  | 1.77%  | 0.418% |
| 183 | 11.853 | 11.810 | 11.964 | VV | 1836499    | 25180786 | 26.66% | 6.290% |
| 184 | 11.987 | 11.964 | 11.999 | VV | 11242      | 208406   | 0.22%  | 0.052% |
| 185 | 12.033 | 11.999 | 12.109 | VV | 43250      | 1428307  | 1.51%  | 0.357% |
| 186 | 12.126 | 12.109 | 12.147 | VV | 14165      | 276024   | 0.29%  | 0.069% |
| 187 | 12.167 | 12.147 | 12.178 | VV | 14654      | 247169   | 0.26%  | 0.062% |
| 188 | 12.195 | 12.178 | 12.224 | VV | 17328      | 352405   | 0.37%  | 0.088% |
| 189 | 12.248 | 12.224 | 12.263 | VV | 15399      | 286183   | 0.30%  | 0.071% |
| 190 | 12.270 | 12.263 | 12.284 | VV | 14007      | 166671   | 0.18%  | 0.042% |
| 191 | 12.301 | 12.284 | 12.324 | VV | 26541      | 420886   | 0.45%  | 0.105% |
| 192 | 12.352 | 12.324 | 12.381 | VV | 12855      | 355367   | 0.38%  | 0.089% |
| 193 | 12.423 | 12.381 | 12.448 | VV | 78753      | 1224612  | 1.30%  | 0.306% |
| 194 | 12.473 | 12.448 | 12.533 | VV | 37136      | 849343   | 0.90%  | 0.212% |

|            |        |        |        |    |         |          |         |         |
|------------|--------|--------|--------|----|---------|----------|---------|---------|
| rteres.txt |        |        |        |    |         |          |         |         |
| 195        | 12.544 | 12.533 | 12.556 | VV | 7964    | 100923   | 0.11%   | 0.025%  |
| 196        | 12.568 | 12.556 | 12.612 | VV | 8657    | 232048   | 0.25%   | 0.058%  |
| 197        | 12.726 | 12.612 | 12.744 | VV | 20766   | 862155   | 0.91%   | 0.215%  |
| 198        | 12.762 | 12.744 | 12.815 | VV | 20775   | 590492   | 0.63%   | 0.147%  |
| 199        | 12.893 | 12.815 | 12.914 | VV | 4300953 | 94463544 | 100.00% | 23.595% |
| 200        | 12.947 | 12.914 | 12.998 | VV | 3396686 | 58866355 | 62.32%  | 14.704% |
| 201        | 13.040 | 12.998 | 13.062 | VV | 60316   | 1077967  | 1.14%   | 0.269%  |
| 202        | 13.098 | 13.062 | 13.167 | VV | 843301  | 11355039 | 12.02%  | 2.836%  |
| 203        | 13.180 | 13.167 | 13.212 | VV | 20005   | 393492   | 0.42%   | 0.098%  |
| 204        | 13.221 | 13.212 | 13.231 | VV | 11548   | 123622   | 0.13%   | 0.031%  |
| 205        | 13.260 | 13.231 | 13.324 | VV | 53888   | 1234564  | 1.31%   | 0.308%  |
| 206        | 13.337 | 13.324 | 13.349 | VV | 11902   | 162877   | 0.17%   | 0.041%  |
| 207        | 13.381 | 13.349 | 13.434 | VV | 83021   | 1496428  | 1.58%   | 0.374%  |
| 208        | 13.451 | 13.434 | 13.467 | VV | 12824   | 211822   | 0.22%   | 0.053%  |
| 209        | 13.488 | 13.467 | 13.536 | VV | 25571   | 594066   | 0.63%   | 0.148%  |
| 210        | 13.550 | 13.536 | 13.579 | VV | 12879   | 221485   | 0.23%   | 0.055%  |
| 211        | 13.619 | 13.579 | 13.644 | VV | 47087   | 836235   | 0.89%   | 0.209%  |
| 212        | 13.663 | 13.644 | 13.697 | VV | 18323   | 483962   | 0.51%   | 0.121%  |
| 213        | 13.727 | 13.697 | 13.764 | VV | 27306   | 631183   | 0.67%   | 0.158%  |
| 214        | 13.784 | 13.764 | 13.797 | VV | 8737    | 139837   | 0.15%   | 0.035%  |
| 215        | 13.827 | 13.797 | 13.839 | VV | 13972   | 279458   | 0.30%   | 0.070%  |
| 216        | 13.876 | 13.839 | 13.898 | VV | 113711  | 1783664  | 1.89%   | 0.446%  |
| 217        | 13.914 | 13.898 | 13.943 | VV | 51929   | 996095   | 1.05%   | 0.249%  |
| 218        | 13.964 | 13.943 | 13.987 | VV | 29901   | 648436   | 0.69%   | 0.162%  |
| 219        | 14.020 | 13.987 | 14.046 | VV | 52511   | 1279432  | 1.35%   | 0.320%  |
| 220        | 14.098 | 14.046 | 14.151 | VV | 187071  | 5600392  | 5.93%   | 1.399%  |
| 221        | 14.181 | 14.151 | 14.216 | VV | 188709  | 3888103  | 4.12%   | 0.971%  |
| 222        | 14.235 | 14.216 | 14.270 | VV | 153096  | 2688920  | 2.85%   | 0.672%  |
| 223        | 14.293 | 14.270 | 14.321 | VV | 91164   | 1521009  | 1.61%   | 0.380%  |
| 224        | 14.345 | 14.321 | 14.372 | VV | 86512   | 1285150  | 1.36%   | 0.321%  |
| 225        | 14.405 | 14.372 | 14.543 | VV | 53072   | 2291549  | 2.43%   | 0.572%  |
| 226        | 14.554 | 14.543 | 14.574 | VV | 5555    | 96533    | 0.10%   | 0.024%  |
| 227        | 14.629 | 14.574 | 14.654 | VV | 14848   | 401432   | 0.42%   | 0.100%  |
| 228        | 14.705 | 14.654 | 14.745 | VV | 118004  | 2398308  | 2.54%   | 0.599%  |
| 229        | 14.768 | 14.745 | 14.801 | VV | 10520   | 216103   | 0.23%   | 0.054%  |
| 230        | 14.807 | 14.801 | 14.821 | VV | 3801    | 43211    | 0.05%   | 0.011%  |
| 231        | 14.838 | 14.821 | 14.852 | VV | 5259    | 87386    | 0.09%   | 0.022%  |
| 232        | 14.870 | 14.852 | 14.892 | VV | 6563    | 126151   | 0.13%   | 0.032%  |
| 233        | 14.913 | 14.892 | 14.942 | VV | 7623    | 168838   | 0.18%   | 0.042%  |
| 234        | 14.958 | 14.942 | 14.976 | VV | 4510    | 72815    | 0.08%   | 0.018%  |
| 235        | 15.022 | 14.976 | 15.046 | VV | 12100   | 306536   | 0.32%   | 0.077%  |
| 236        | 15.098 | 15.046 | 15.169 | VV | 12928   | 635832   | 0.67%   | 0.159%  |
| 237        | 15.232 | 15.169 | 15.264 | VV | 17797   | 484931   | 0.51%   | 0.121%  |
| 238        | 15.292 | 15.264 | 15.336 | VV | 69474   | 1010361  | 1.07%   | 0.252%  |
| 239        | 15.348 | 15.336 | 15.391 | VV | 3667    | 53531    | 0.06%   | 0.013%  |
| 240        | 15.462 | 15.391 | 15.481 | PV | 3460    | 100585   | 0.11%   | 0.025%  |
| 241        | 15.492 | 15.481 | 15.517 | VV | 2963    | 43006    | 0.05%   | 0.011%  |
| 242        | 15.550 | 15.517 | 15.565 | VV | 1356    | 32702    | 0.03%   | 0.008%  |
| 243        | 15.603 | 15.565 | 15.610 | VV | 3035    | 55918    | 0.06%   | 0.014%  |
| 244        | 15.627 | 15.610 | 15.649 | VV | 3729    | 57278    | 0.06%   | 0.014%  |
| 245        | 15.657 | 15.649 | 15.672 | VV | 1746    | 16184    | 0.02%   | 0.004%  |
| 246        | 15.691 | 15.672 | 15.702 | VV | 2094    | 28238    | 0.03%   | 0.007%  |

|     |        |        |        |    |            |         |       |        |
|-----|--------|--------|--------|----|------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt |         |       |        |
| 247 | 15.730 | 15.702 | 15.764 | VV | 18926      | 324585  | 0.34% | 0.081% |
| 248 | 15.792 | 15.764 | 15.860 | VV | 9765       | 175648  | 0.19% | 0.044% |
| 249 | 15.926 | 15.860 | 15.936 | PV | 23230      | 472801  | 0.50% | 0.118% |
| 250 | 15.966 | 15.936 | 16.073 | VV | 25517      | 1301803 | 1.38% | 0.325% |
| 251 | 16.095 | 16.073 | 16.132 | VV | 7634       | 195385  | 0.21% | 0.049% |
| 252 | 16.182 | 16.132 | 16.193 | VV | 10794      | 231243  | 0.24% | 0.058% |
| 253 | 16.212 | 16.193 | 16.247 | VV | 17845      | 323459  | 0.34% | 0.081% |
| 254 | 16.274 | 16.247 | 16.338 | VV | 22575      | 428021  | 0.45% | 0.107% |
| 255 | 16.366 | 16.338 | 16.387 | VV | 4796       | 105060  | 0.11% | 0.026% |
| 256 | 16.402 | 16.387 | 16.452 | VV | 4566       | 95330   | 0.10% | 0.024% |
| 257 | 16.520 | 16.452 | 16.537 | VV | 35891      | 597963  | 0.63% | 0.149% |
| 258 | 16.559 | 16.537 | 16.619 | VV | 70618      | 1089318 | 1.15% | 0.272% |
| 259 | 16.680 | 16.619 | 16.706 | VV | 18255      | 419505  | 0.44% | 0.105% |
| 260 | 16.724 | 16.706 | 16.747 | VV | 11917      | 216765  | 0.23% | 0.054% |
| 261 | 16.762 | 16.747 | 16.786 | VV | 7244       | 127407  | 0.13% | 0.032% |
| 262 | 16.807 | 16.786 | 16.816 | VV | 4847       | 67363   | 0.07% | 0.017% |
| 263 | 16.837 | 16.816 | 16.846 | VV | 5496       | 83426   | 0.09% | 0.021% |
| 264 | 16.902 | 16.846 | 16.941 | VV | 8559       | 337203  | 0.36% | 0.084% |
| 265 | 16.977 | 16.941 | 17.013 | VV | 8638       | 306652  | 0.32% | 0.077% |
| 266 | 17.071 | 17.013 | 17.099 | VV | 10989      | 365084  | 0.39% | 0.091% |
| 267 | 17.129 | 17.099 | 17.167 | VV | 26354      | 542093  | 0.57% | 0.135% |
| 268 | 17.188 | 17.167 | 17.200 | VV | 9895       | 176821  | 0.19% | 0.044% |
| 269 | 17.223 | 17.200 | 17.252 | VV | 11306      | 280519  | 0.30% | 0.070% |
| 270 | 17.282 | 17.252 | 17.322 | VV | 11265      | 349282  | 0.37% | 0.087% |
| 271 | 17.338 | 17.322 | 17.362 | VV | 8744       | 175461  | 0.19% | 0.044% |
| 272 | 17.381 | 17.362 | 17.392 | VV | 8340       | 135806  | 0.14% | 0.034% |
| 273 | 17.404 | 17.392 | 17.421 | VV | 8922       | 137745  | 0.15% | 0.034% |
| 274 | 17.452 | 17.421 | 17.477 | VV | 11096      | 313537  | 0.33% | 0.078% |
| 275 | 17.521 | 17.477 | 17.530 | VV | 12257      | 321598  | 0.34% | 0.080% |
| 276 | 17.562 | 17.530 | 17.621 | VV | 30951      | 878464  | 0.93% | 0.219% |
| 277 | 17.690 | 17.621 | 17.774 | VV | 38330      | 1625536 | 1.72% | 0.406% |
| 278 | 17.789 | 17.774 | 17.805 | VV | 12049      | 212267  | 0.22% | 0.053% |
| 279 | 17.839 | 17.805 | 17.859 | VV | 15271      | 412882  | 0.44% | 0.103% |
| 280 | 17.880 | 17.859 | 17.896 | VV | 16420      | 325242  | 0.34% | 0.081% |
| 281 | 17.909 | 17.896 | 17.959 | VV | 17248      | 588312  | 0.62% | 0.147% |
| 282 | 17.986 | 17.959 | 18.019 | VV | 40693      | 894031  | 0.95% | 0.223% |
| 283 | 18.055 | 18.019 | 18.074 | VV | 38972      | 838208  | 0.89% | 0.209% |
| 284 | 18.091 | 18.074 | 18.112 | VV | 29831      | 566581  | 0.60% | 0.142% |
| 285 | 18.124 | 18.112 | 18.155 | VV | 20544      | 473060  | 0.50% | 0.118% |
| 286 | 18.174 | 18.155 | 18.215 | VV | 21413      | 647746  | 0.69% | 0.162% |
| 287 | 18.231 | 18.215 | 18.239 | VV | 17801      | 247854  | 0.26% | 0.062% |
| 288 | 18.259 | 18.239 | 18.290 | VV | 18909      | 534443  | 0.57% | 0.133% |
| 289 | 18.304 | 18.290 | 18.319 | VV | 17733      | 294721  | 0.31% | 0.074% |
| 290 | 18.394 | 18.319 | 18.447 | VV | 39291      | 1686602 | 1.79% | 0.421% |
| 291 | 18.477 | 18.447 | 18.501 | VV | 36349      | 870053  | 0.92% | 0.217% |
| 292 | 18.529 | 18.501 | 18.556 | VV | 35892      | 983516  | 1.04% | 0.246% |
| 293 | 18.572 | 18.556 | 18.587 | VV | 22778      | 407659  | 0.43% | 0.102% |
| 294 | 18.614 | 18.587 | 18.634 | VV | 24659      | 629823  | 0.67% | 0.157% |
| 295 | 18.649 | 18.634 | 18.675 | VV | 27065      | 588269  | 0.62% | 0.147% |
| 296 | 18.714 | 18.675 | 18.744 | VV | 24602      | 945143  | 1.00% | 0.236% |
| 297 | 18.750 | 18.744 | 18.759 | VV | 24966      | 215315  | 0.23% | 0.054% |
| 298 | 18.792 | 18.759 | 18.851 | VV | 48229      | 1892437 | 2.00% | 0.473% |
| 299 | 18.875 | 18.851 | 18.931 | VV | 37913      | 1555372 | 1.65% | 0.389% |

|     |        |        |        |    |            |         |       |        |
|-----|--------|--------|--------|----|------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt |         |       |        |
| 300 | 18.939 | 18.931 | 18.952 | VV | 27940      | 349354  | 0.37% | 0.087% |
| 301 | 18.979 | 18.952 | 19.022 | VV | 31533      | 1188439 | 1.26% | 0.297% |
| 302 | 19.089 | 19.022 | 19.107 | VV | 30611      | 1409093 | 1.49% | 0.352% |
| 303 | 19.121 | 19.107 | 19.144 | VV | 29351      | 589784  | 0.62% | 0.147% |
| 304 | 19.180 | 19.144 | 19.254 | VV | 51922      | 2352209 | 2.49% | 0.588% |
| 305 | 19.282 | 19.254 | 19.316 | VV | 41560      | 1325523 | 1.40% | 0.331% |
| 306 | 19.322 | 19.316 | 19.341 | VV | 34528      | 495632  | 0.52% | 0.124% |
| 307 | 19.350 | 19.341 | 19.367 | VV | 34642      | 537521  | 0.57% | 0.134% |
| 308 | 19.408 | 19.367 | 19.426 | VV | 39980      | 1200438 | 1.27% | 0.300% |
| 309 | 19.442 | 19.426 | 19.457 | VV | 36817      | 640832  | 0.68% | 0.160% |
| 310 | 19.504 | 19.457 | 19.527 | VV | 44046      | 1571506 | 1.66% | 0.393% |
| 311 | 19.551 | 19.527 | 19.612 | VV | 55241      | 2238714 | 2.37% | 0.559% |
| 312 | 19.698 | 19.612 | 19.731 | VV | 46080      | 2934061 | 3.11% | 0.733% |
| 313 | 19.803 | 19.731 | 19.866 | VV | 53330      | 3573548 | 3.78% | 0.893% |
| 314 | 19.916 | 19.866 | 19.937 | VV | 60067      | 2007385 | 2.13% | 0.501% |
| 315 | 19.970 | 19.937 | 19.989 | VV | 51539      | 1452952 | 1.54% | 0.363% |
| 316 | 20.037 | 19.989 | 20.059 | VV | 53909      | 2003374 | 2.12% | 0.500% |
| 317 | 20.101 | 20.059 | 20.127 | VV | 52140      | 1973844 | 2.09% | 0.493% |
| 318 | 20.138 | 20.127 | 20.157 | VV | 51420      | 850871  | 0.90% | 0.213% |
| 319 | 20.167 | 20.157 | 20.181 | VV | 47429      | 654329  | 0.69% | 0.163% |
| 320 | 20.196 | 20.181 | 20.213 | VV | 51030      | 887963  | 0.94% | 0.222% |
| 321 | 20.287 | 20.213 | 20.333 | VV | 66735      | 3915046 | 4.14% | 0.978% |
| 322 | 20.360 | 20.333 | 20.392 | VV | 56498      | 1825079 | 1.93% | 0.456% |
| 323 | 20.410 | 20.392 | 20.427 | VV | 51761      | 1071554 | 1.13% | 0.268% |
| 324 | 20.446 | 20.427 | 20.481 | VV | 48663      | 1488261 | 1.58% | 0.372% |
| 325 | 20.488 | 20.481 | 20.504 | VV | 47060      | 653624  | 0.69% | 0.163% |
| 326 | 20.522 | 20.504 | 20.540 | VV | 48659      | 965005  | 1.02% | 0.241% |
| 327 | 20.557 | 20.540 | 20.584 | VV | 46576      | 1138141 | 1.20% | 0.284% |
| 328 | 20.628 | 20.584 | 20.669 | VV | 62338      | 2576917 | 2.73% | 0.644% |
| 329 | 20.679 | 20.669 | 20.712 | VV | 49899      | 1125422 | 1.19% | 0.281% |
| 330 | 20.729 | 20.712 | 20.747 | VV | 39750      | 814123  | 0.86% | 0.203% |
| 331 | 20.758 | 20.747 | 20.789 | VV | 41240      | 959243  | 1.02% | 0.240% |
| 332 | 20.813 | 20.789 | 20.847 | VV | 38129      | 1230619 | 1.30% | 0.307% |
| 333 | 20.859 | 20.847 | 20.875 | VV | 33514      | 552303  | 0.58% | 0.138% |
| 334 | 20.884 | 20.875 | 20.915 | VV | 33881      | 752278  | 0.80% | 0.188% |
| 335 | 20.934 | 20.915 | 20.966 | VV | 35497      | 919711  | 0.97% | 0.230% |
| 336 | 20.974 | 20.966 | 20.999 | VV | 32249      | 587761  | 0.62% | 0.147% |
| 337 | 21.021 | 20.999 | 21.057 | VV | 36864      | 1122389 | 1.19% | 0.280% |
| 338 | 21.064 | 21.057 | 21.087 | VV | 28614      | 472321  | 0.50% | 0.118% |
| 339 | 21.097 | 21.087 | 21.124 | VV | 27386      | 575238  | 0.61% | 0.144% |
| 340 | 21.153 | 21.124 | 21.185 | VV | 28933      | 925810  | 0.98% | 0.231% |
| 341 | 21.201 | 21.185 | 21.282 | VV | 25832      | 1261218 | 1.34% | 0.315% |
| 342 | 21.296 | 21.282 | 21.318 | VV | 20804      | 404766  | 0.43% | 0.101% |
| 343 | 21.324 | 21.318 | 21.352 | VV | 20075      | 354424  | 0.38% | 0.089% |
| 344 | 21.379 | 21.352 | 21.388 | VV | 18887      | 335265  | 0.35% | 0.084% |
| 345 | 21.395 | 21.388 | 21.406 | VV | 17323      | 160591  | 0.17% | 0.040% |
| 346 | 21.414 | 21.406 | 21.442 | VV | 15682      | 318050  | 0.34% | 0.079% |
| 347 | 21.474 | 21.442 | 21.574 | VV | 25932      | 1145494 | 1.21% | 0.286% |
| 348 | 21.602 | 21.574 | 21.665 | VV | 13462      | 502161  | 0.53% | 0.125% |
| 349 | 21.691 | 21.665 | 21.726 | VV | 9834       | 228959  | 0.24% | 0.057% |
| 350 | 21.736 | 21.726 | 21.746 | VV | 5957       | 54621   | 0.06% | 0.014% |
| 351 | 21.753 | 21.746 | 21.777 | VV | 5566       | 53894   | 0.06% | 0.013% |

rteres.txt  
Sum of corrected areas: 400346918

Alaphatic EPH 072118.M Wed Aug 01 12:18:53 2018 RPT-1