

## Area Percent Report

Data Path : P:\HPCHEM1\FID\_C\Data\FC051218AL\  
 Data File : FC033965.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 May 2018 4:47  
 Sample : J2873-01D  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_C\Method\Alaphatic EPH 042418.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         | 2.992       | 2.962        | 3.121      | BV       | 297            | 2271         | 0.04%          | 0.003%        |
| 2         | 3.141       | 3.121        | 3.391      | PV       | 670            | 14233        | 0.23%          | 0.016%        |
| 3         | 3.402       | 3.391        | 3.519      | PV       | 244            | 9257         | 0.15%          | 0.011%        |
| 4         | 3.544       | 3.519        | 3.621      | PV       | 499            | 12801        | 0.20%          | 0.015%        |
| 5         | 3.627       | 3.621        | 3.677      | VV       | 311            | 6757         | 0.11%          | 0.008%        |
| 6         | 3.683       | 3.677        | 3.716      | VV       | 231            | 3043         | 0.05%          | 0.003%        |
| 7         | 3.742       | 3.716        | 3.788      | VV       | 439            | 8651         | 0.14%          | 0.010%        |
| 8         | 3.800       | 3.788        | 3.809      | VV       | 266            | 1869         | 0.03%          | 0.002%        |
| 9         | 3.826       | 3.809        | 3.837      | PV       | 247            | 2475         | 0.04%          | 0.003%        |
| 10        | 3.847       | 3.837        | 3.876      | VV       | 250            | 5135         | 0.08%          | 0.006%        |
| 11        | 3.907       | 3.876        | 3.929      | VV       | 5458           | 52955        | 0.85%          | 0.061%        |
| 12        | 3.940       | 3.929        | 3.993      | VV       | 788            | 12780        | 0.20%          | 0.015%        |
| 13        | 4.001       | 3.993        | 4.052      | VV       | 259            | 3857         | 0.06%          | 0.004%        |
| 14        | 4.058       | 4.052        | 4.071      | VV       | 228            | 1344         | 0.02%          | 0.002%        |
| 15        | 4.095       | 4.071        | 4.279      | VV       | 788            | 24582        | 0.39%          | 0.028%        |
| 16        | 4.322       | 4.292        | 4.342      | VV       | 340            | 6431         | 0.10%          | 0.007%        |
| 17        | 4.356       | 4.342        | 4.397      | VV       | 275            | 5484         | 0.09%          | 0.006%        |
| 18        | 4.419       | 4.397        | 4.447      | VV       | 374            | 6353         | 0.10%          | 0.007%        |
| 19        | 4.467       | 4.447        | 4.494      | VV       | 2981           | 28131        | 0.45%          | 0.032%        |
| 20        | 4.504       | 4.494        | 4.550      | VV       | 342            | 7114         | 0.11%          | 0.008%        |
| 21        | 4.558       | 4.550        | 4.626      | VV       | 115            | 4384         | 0.07%          | 0.005%        |
| 22        | 4.651       | 4.626        | 4.674      | VV       | 227            | 3404         | 0.05%          | 0.004%        |
| 23        | 4.686       | 4.674        | 4.736      | VV       | 136            | 2951         | 0.05%          | 0.003%        |
| 24        | 4.744       | 4.736        | 4.802      | PV       | 138            | 2898         | 0.05%          | 0.003%        |
| 25        | 4.810       | 4.802        | 4.844      | PV       | 146            | 1988         | 0.03%          | 0.002%        |
| 26        | 4.858       | 4.844        | 4.875      | VV       | 165            | 1528         | 0.02%          | 0.002%        |
| 27        | 4.893       | 4.875        | 4.901      | VV       | 227            | 1939         | 0.03%          | 0.002%        |
| 28        | 4.915       | 4.901        | 4.938      | VV       | 353            | 4104         | 0.07%          | 0.005%        |
| 29        | 4.952       | 4.938        | 4.973      | VV       | 207            | 3279         | 0.05%          | 0.004%        |
| 30        | 5.015       | 4.973        | 5.048      | VV       | 295            | 6857         | 0.11%          | 0.008%        |
| 31        | 5.059       | 5.048        | 5.102      | VV       | 255            | 4262         | 0.07%          | 0.005%        |
| 32        | 5.120       | 5.102        | 5.149      | VV       | 197            | 2762         | 0.04%          | 0.003%        |
| 33        | 5.172       | 5.149        | 5.203      | VV       | 779            | 9320         | 0.15%          | 0.011%        |
| 34        | 5.235       | 5.203        | 5.254      | PV       | 254            | 3832         | 0.06%          | 0.004%        |
| 35        | 5.282       | 5.254        | 5.337      | VV       | 216            | 4781         | 0.08%          | 0.005%        |
| 36        | 5.347       | 5.337        | 5.378      | VV       | 212            | 3100         | 0.05%          | 0.004%        |

|    |       |       |       |    |            |         |         |        |
|----|-------|-------|-------|----|------------|---------|---------|--------|
|    |       |       |       |    | rteres.txt |         |         |        |
| 37 | 5.394 | 5.378 | 5.422 | VV | 235        | 4361    | 0.07%   | 0.005% |
| 38 | 5.458 | 5.422 | 5.488 | VV | 479        | 7658    | 0.12%   | 0.009% |
| 39 | 5.512 | 5.488 | 5.532 | VV | 217        | 4848    | 0.08%   | 0.006% |
| 40 | 5.539 | 5.532 | 5.618 | VV | 205        | 5671    | 0.09%   | 0.007% |
| 41 | 5.640 | 5.618 | 5.682 | PV | 128        | 2270    | 0.04%   | 0.003% |
| 42 | 5.700 | 5.682 | 5.718 | VV | 185        | 2104    | 0.03%   | 0.002% |
| 43 | 5.732 | 5.718 | 5.788 | VV | 187        | 4728    | 0.08%   | 0.005% |
| 44 | 5.802 | 5.788 | 5.838 | VV | 305        | 4647    | 0.07%   | 0.005% |
| 45 | 5.895 | 5.838 | 5.962 | VV | 1474       | 29038   | 0.46%   | 0.033% |
| 46 | 5.977 | 5.962 | 5.995 | VV | 446        | 5597    | 0.09%   | 0.006% |
| 47 | 6.008 | 5.995 | 6.020 | VV | 333        | 3230    | 0.05%   | 0.004% |
| 48 | 6.054 | 6.020 | 6.095 | VV | 1159       | 20696   | 0.33%   | 0.024% |
| 49 | 6.106 | 6.095 | 6.135 | VV | 184        | 3299    | 0.05%   | 0.004% |
| 50 | 6.175 | 6.135 | 6.222 | VV | 683        | 14438   | 0.23%   | 0.017% |
| 51 | 6.266 | 6.222 | 6.304 | VV | 261        | 7509    | 0.12%   | 0.009% |
| 52 | 6.328 | 6.304 | 6.393 | VV | 260        | 9609    | 0.15%   | 0.011% |
| 53 | 6.403 | 6.393 | 6.438 | VV | 178        | 2891    | 0.05%   | 0.003% |
| 54 | 6.446 | 6.438 | 6.479 | VV | 116        | 2623    | 0.04%   | 0.003% |
| 55 | 6.489 | 6.479 | 6.522 | VV | 191        | 2226    | 0.04%   | 0.003% |
| 56 | 6.551 | 6.522 | 6.566 | PV | 188        | 2804    | 0.04%   | 0.003% |
| 57 | 6.598 | 6.566 | 6.627 | VV | 200        | 4234    | 0.07%   | 0.005% |
| 58 | 6.640 | 6.627 | 6.653 | VV | 123        | 1635    | 0.03%   | 0.002% |
| 59 | 6.662 | 6.653 | 6.687 | VV | 213        | 2345    | 0.04%   | 0.003% |
| 60 | 6.700 | 6.687 | 6.715 | VV | 299        | 3286    | 0.05%   | 0.004% |
| 61 | 6.718 | 6.715 | 6.734 | VV | 246        | 2296    | 0.04%   | 0.003% |
| 62 | 6.764 | 6.734 | 6.792 | VV | 267        | 6483    | 0.10%   | 0.007% |
| 63 | 6.849 | 6.792 | 6.905 | VV | 344        | 15269   | 0.24%   | 0.018% |
| 64 | 6.948 | 6.905 | 6.964 | VV | 574        | 12217   | 0.20%   | 0.014% |
| 65 | 6.977 | 6.964 | 7.057 | VV | 647        | 20390   | 0.33%   | 0.023% |
| 66 | 7.081 | 7.057 | 7.098 | VV | 298        | 5133    | 0.08%   | 0.006% |
| 67 | 7.116 | 7.098 | 7.152 | VV | 419        | 9000    | 0.14%   | 0.010% |
| 68 | 7.165 | 7.152 | 7.181 | VV | 215        | 3607    | 0.06%   | 0.004% |
| 69 | 7.208 | 7.181 | 7.229 | VV | 403        | 7748    | 0.12%   | 0.009% |
| 70 | 7.248 | 7.229 | 7.294 | VV | 376        | 9586    | 0.15%   | 0.011% |
| 71 | 7.306 | 7.294 | 7.311 | VV | 137        | 1240    | 0.02%   | 0.001% |
| 72 | 7.320 | 7.311 | 7.342 | VV | 207        | 1930    | 0.03%   | 0.002% |
| 73 | 7.363 | 7.342 | 7.375 | PV | 277        | 3021    | 0.05%   | 0.003% |
| 74 | 7.378 | 7.375 | 7.393 | VV | 277        | 1988    | 0.03%   | 0.002% |
| 75 | 7.421 | 7.393 | 7.438 | VV | 193        | 4131    | 0.07%   | 0.005% |
| 76 | 7.461 | 7.438 | 7.493 | VV | 297        | 6414    | 0.10%   | 0.007% |
| 77 | 7.555 | 7.493 | 7.605 | VV | 644032     | 6250511 | 100.00% | 7.170% |
| 78 | 7.660 | 7.605 | 7.790 | VV | 2043       | 83108   | 1.33%   | 0.095% |
| 79 | 7.817 | 7.790 | 7.857 | VV | 493        | 9943    | 0.16%   | 0.011% |
| 80 | 7.916 | 7.857 | 7.965 | VV | 689        | 20383   | 0.33%   | 0.023% |
| 81 | 7.995 | 7.965 | 8.033 | VV | 1140       | 24093   | 0.39%   | 0.028% |
| 82 | 8.078 | 8.033 | 8.094 | VV | 1719       | 39270   | 0.63%   | 0.045% |
| 83 | 8.114 | 8.094 | 8.141 | VV | 5303       | 61811   | 0.99%   | 0.071% |
| 84 | 8.169 | 8.141 | 8.203 | VV | 32670      | 334162  | 5.35%   | 0.383% |
| 85 | 8.228 | 8.203 | 8.322 | VV | 772        | 25597   | 0.41%   | 0.029% |
| 86 | 8.341 | 8.322 | 8.366 | VV | 260        | 3700    | 0.06%   | 0.004% |
| 87 | 8.413 | 8.366 | 8.505 | VV | 407870     | 4194291 | 67.10%  | 4.811% |
| 88 | 8.538 | 8.505 | 8.561 | VV | 2244       | 33687   | 0.54%   | 0.039% |
| 89 | 8.581 | 8.561 | 8.622 | VV | 1073       | 24582   | 0.39%   | 0.028% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 8.654  | 8.622  | 8.682  | VV | 1367   | 28000   | 0.45%  | 0.032% |
| 91         | 8.704  | 8.682  | 8.742  | VV | 532    | 14588   | 0.23%  | 0.017% |
| 92         | 8.757  | 8.742  | 8.792  | VV | 754    | 12506   | 0.20%  | 0.014% |
| 93         | 8.833  | 8.792  | 8.867  | VV | 918    | 27144   | 0.43%  | 0.031% |
| 94         | 8.928  | 8.867  | 8.952  | VV | 1184   | 29338   | 0.47%  | 0.034% |
| 95         | 8.973  | 8.952  | 9.008  | VV | 717    | 15685   | 0.25%  | 0.018% |
| 96         | 9.049  | 9.008  | 9.068  | VV | 532    | 10316   | 0.17%  | 0.012% |
| 97         | 9.115  | 9.068  | 9.173  | VV | 2224   | 47917   | 0.77%  | 0.055% |
| 98         | 9.185  | 9.173  | 9.198  | VV | 236    | 2790    | 0.04%  | 0.003% |
| 99         | 9.203  | 9.198  | 9.232  | VV | 216    | 2832    | 0.05%  | 0.003% |
| 100        | 9.250  | 9.232  | 9.278  | VV | 410    | 7530    | 0.12%  | 0.009% |
| 101        | 9.300  | 9.278  | 9.326  | VV | 618    | 10514   | 0.17%  | 0.012% |
| 102        | 9.354  | 9.326  | 9.406  | VV | 503    | 15258   | 0.24%  | 0.018% |
| 103        | 9.434  | 9.406  | 9.452  | VV | 273    | 6276    | 0.10%  | 0.007% |
| 104        | 9.466  | 9.452  | 9.475  | VV | 321    | 3732    | 0.06%  | 0.004% |
| 105        | 9.487  | 9.475  | 9.515  | VV | 437    | 5031    | 0.08%  | 0.006% |
| 106        | 9.529  | 9.515  | 9.546  | VV | 213    | 2665    | 0.04%  | 0.003% |
| 107        | 9.574  | 9.546  | 9.598  | VV | 3059   | 36299   | 0.58%  | 0.042% |
| 108        | 9.638  | 9.598  | 9.657  | VV | 974    | 22184   | 0.35%  | 0.025% |
| 109        | 9.664  | 9.657  | 9.673  | VV | 519    | 4743    | 0.08%  | 0.005% |
| 110        | 9.702  | 9.673  | 9.772  | VV | 1517   | 34863   | 0.56%  | 0.040% |
| 111        | 9.802  | 9.772  | 9.829  | VV | 478    | 11040   | 0.18%  | 0.013% |
| 112        | 9.857  | 9.829  | 9.869  | VV | 296    | 6048    | 0.10%  | 0.007% |
| 113        | 9.888  | 9.869  | 9.956  | VV | 309    | 8725    | 0.14%  | 0.010% |
| 114        | 9.972  | 9.956  | 9.987  | VV | 170    | 2152    | 0.03%  | 0.002% |
| 115        | 10.041 | 9.987  | 10.062 | PV | 475    | 12749   | 0.20%  | 0.015% |
| 116        | 10.091 | 10.062 | 10.112 | VV | 699    | 16908   | 0.27%  | 0.019% |
| 117        | 10.130 | 10.112 | 10.214 | VV | 745    | 27537   | 0.44%  | 0.032% |
| 118        | 10.237 | 10.214 | 10.303 | VV | 339    | 14917   | 0.24%  | 0.017% |
| 119        | 10.321 | 10.303 | 10.336 | VV | 533    | 7364    | 0.12%  | 0.008% |
| 120        | 10.362 | 10.336 | 10.378 | VV | 743    | 13666   | 0.22%  | 0.016% |
| 121        | 10.389 | 10.378 | 10.402 | VV | 780    | 9778    | 0.16%  | 0.011% |
| 122        | 10.433 | 10.402 | 10.456 | VV | 1779   | 38425   | 0.61%  | 0.044% |
| 123        | 10.471 | 10.456 | 10.501 | VV | 695    | 14920   | 0.24%  | 0.017% |
| 124        | 10.523 | 10.501 | 10.592 | VV | 847    | 21785   | 0.35%  | 0.025% |
| 125        | 10.618 | 10.592 | 10.628 | VV | 380    | 5749    | 0.09%  | 0.007% |
| 126        | 10.659 | 10.628 | 10.708 | VV | 3334   | 53442   | 0.85%  | 0.061% |
| 127        | 10.747 | 10.708 | 10.789 | VV | 745    | 21658   | 0.35%  | 0.025% |
| 128        | 10.812 | 10.789 | 10.842 | VV | 574    | 13118   | 0.21%  | 0.015% |
| 129        | 10.862 | 10.842 | 10.920 | VV | 564    | 16312   | 0.26%  | 0.019% |
| 130        | 10.930 | 10.920 | 10.955 | VV | 249    | 3797    | 0.06%  | 0.004% |
| 131        | 10.962 | 10.955 | 10.971 | VV | 284    | 2349    | 0.04%  | 0.003% |
| 132        | 10.986 | 10.971 | 11.020 | VV | 285    | 5938    | 0.09%  | 0.007% |
| 133        | 11.067 | 11.036 | 11.086 | VV | 1184   | 15880   | 0.25%  | 0.018% |
| 134        | 11.106 | 11.086 | 11.118 | VV | 1020   | 12955   | 0.21%  | 0.015% |
| 135        | 11.137 | 11.118 | 11.178 | VV | 1886   | 29509   | 0.47%  | 0.034% |
| 136        | 11.230 | 11.178 | 11.265 | VV | 657    | 13643   | 0.22%  | 0.016% |
| 137        | 11.290 | 11.265 | 11.305 | VV | 234    | 3520    | 0.06%  | 0.004% |
| 138        | 11.327 | 11.305 | 11.355 | VV | 1836   | 22564   | 0.36%  | 0.026% |
| 139        | 11.378 | 11.355 | 11.402 | PV | 349    | 4596    | 0.07%  | 0.005% |
| 140        | 11.449 | 11.402 | 11.504 | VV | 508339 | 5619531 | 89.91% | 6.446% |
| 141        | 11.552 | 11.504 | 11.638 | VV | 1240   | 46316   | 0.74%  | 0.053% |

|     |        |        |        |    |            |         |        |        |  |
|-----|--------|--------|--------|----|------------|---------|--------|--------|--|
|     |        |        |        |    | rteres.txt |         |        |        |  |
| 142 | 11.679 | 11.638 | 11.717 | VV | 584        | 12664   | 0.20%  | 0.015% |  |
| 143 | 11.738 | 11.717 | 11.758 | VV | 674        | 10176   | 0.16%  | 0.012% |  |
| 144 | 11.800 | 11.758 | 11.824 | VV | 1709       | 34571   | 0.55%  | 0.040% |  |
| 145 | 11.851 | 11.824 | 11.906 | VV | 3890       | 68240   | 1.09%  | 0.078% |  |
| 146 | 11.928 | 11.906 | 11.956 | VV | 416        | 8595    | 0.14%  | 0.010% |  |
| 147 | 11.970 | 11.956 | 11.988 | VV | 214        | 3449    | 0.06%  | 0.004% |  |
| 148 | 11.993 | 11.988 | 12.022 | VV | 163        | 2684    | 0.04%  | 0.003% |  |
| 149 | 12.045 | 12.022 | 12.068 | VV | 291        | 4884    | 0.08%  | 0.006% |  |
| 150 | 12.092 | 12.068 | 12.108 | VV | 232        | 4775    | 0.08%  | 0.005% |  |
| 151 | 12.149 | 12.108 | 12.169 | VV | 568        | 10075   | 0.16%  | 0.012% |  |
| 152 | 12.183 | 12.169 | 12.191 | VV | 354        | 3568    | 0.06%  | 0.004% |  |
| 153 | 12.198 | 12.191 | 12.206 | VV | 303        | 2247    | 0.04%  | 0.003% |  |
| 154 | 12.254 | 12.206 | 12.278 | VV | 538        | 13305   | 0.21%  | 0.015% |  |
| 155 | 12.292 | 12.278 | 12.322 | VV | 350        | 6262    | 0.10%  | 0.007% |  |
| 156 | 12.329 | 12.322 | 12.341 | VV | 269        | 2565    | 0.04%  | 0.003% |  |
| 157 | 12.373 | 12.341 | 12.410 | VV | 1096       | 24131   | 0.39%  | 0.028% |  |
| 158 | 12.438 | 12.410 | 12.462 | VV | 3217       | 43155   | 0.69%  | 0.050% |  |
| 159 | 12.482 | 12.462 | 12.501 | VV | 697        | 10495   | 0.17%  | 0.012% |  |
| 160 | 12.560 | 12.501 | 12.575 | VV | 587        | 17313   | 0.28%  | 0.020% |  |
| 161 | 12.619 | 12.575 | 12.643 | VV | 2940       | 41372   | 0.66%  | 0.047% |  |
| 162 | 12.670 | 12.643 | 12.707 | PV | 1101       | 18167   | 0.29%  | 0.021% |  |
| 163 | 12.725 | 12.707 | 12.757 | VV | 443        | 7440    | 0.12%  | 0.009% |  |
| 164 | 12.785 | 12.757 | 12.809 | VV | 380        | 6971    | 0.11%  | 0.008% |  |
| 165 | 12.883 | 12.809 | 12.928 | VV | 334270     | 4126832 | 66.02% | 4.734% |  |
| 166 | 12.977 | 12.928 | 13.015 | VV | 1804       | 45710   | 0.73%  | 0.052% |  |
| 167 | 13.048 | 13.015 | 13.078 | VV | 2648       | 44276   | 0.71%  | 0.051% |  |
| 168 | 13.097 | 13.078 | 13.127 | VV | 948        | 15856   | 0.25%  | 0.018% |  |
| 169 | 13.170 | 13.127 | 13.209 | VV | 2311       | 37759   | 0.60%  | 0.043% |  |
| 170 | 13.235 | 13.209 | 13.244 | VV | 745        | 9909    | 0.16%  | 0.011% |  |
| 171 | 13.261 | 13.244 | 13.341 | VV | 1074       | 26016   | 0.42%  | 0.030% |  |
| 172 | 13.367 | 13.341 | 13.392 | VV | 400        | 6800    | 0.11%  | 0.008% |  |
| 173 | 13.419 | 13.392 | 13.433 | PV | 718        | 9804    | 0.16%  | 0.011% |  |
| 174 | 13.454 | 13.433 | 13.469 | VV | 1395       | 20268   | 0.32%  | 0.023% |  |
| 175 | 13.486 | 13.469 | 13.538 | VV | 1225       | 29787   | 0.48%  | 0.034% |  |
| 176 | 13.583 | 13.538 | 13.608 | VV | 3007       | 49311   | 0.79%  | 0.057% |  |
| 177 | 13.632 | 13.608 | 13.703 | VV | 3019       | 57514   | 0.92%  | 0.066% |  |
| 178 | 13.784 | 13.703 | 13.806 | PV | 1069       | 19843   | 0.32%  | 0.023% |  |
| 179 | 13.830 | 13.806 | 13.844 | VV | 1825       | 23845   | 0.38%  | 0.027% |  |
| 180 | 13.868 | 13.844 | 13.939 | VV | 7392       | 128298  | 2.05%  | 0.147% |  |
| 181 | 14.005 | 13.939 | 14.034 | PV | 57944      | 824526  | 13.19% | 0.946% |  |
| 182 | 14.050 | 14.034 | 14.078 | VV | 10904      | 189284  | 3.03%  | 0.217% |  |
| 183 | 14.093 | 14.078 | 14.115 | VV | 4803       | 74735   | 1.20%  | 0.086% |  |
| 184 | 14.138 | 14.115 | 14.164 | VV | 2903       | 57448   | 0.92%  | 0.066% |  |
| 185 | 14.190 | 14.164 | 14.213 | VV | 5387       | 85255   | 1.36%  | 0.098% |  |
| 186 | 14.244 | 14.213 | 14.271 | VV | 3761       | 73513   | 1.18%  | 0.084% |  |
| 187 | 14.287 | 14.271 | 14.308 | VV | 1414       | 19177   | 0.31%  | 0.022% |  |
| 188 | 14.333 | 14.308 | 14.376 | VV | 807        | 20179   | 0.32%  | 0.023% |  |
| 189 | 14.406 | 14.376 | 14.445 | VV | 1342       | 21268   | 0.34%  | 0.024% |  |
| 190 | 14.463 | 14.445 | 14.470 | VV | 184        | 1946    | 0.03%  | 0.002% |  |
| 191 | 14.492 | 14.470 | 14.529 | VV | 399        | 6693    | 0.11%  | 0.008% |  |
| 192 | 14.603 | 14.529 | 14.625 | PV | 1901       | 47670   | 0.76%  | 0.055% |  |
| 193 | 14.642 | 14.625 | 14.656 | VV | 2168       | 29199   | 0.47%  | 0.033% |  |
| 194 | 14.681 | 14.656 | 14.708 | VV | 4077       | 80261   | 1.28%  | 0.092% |  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 14.729 | 14.708 | 14.752 | VV | 4604       | 68402   | 1.09%  | 0.078% |
| 196 | 14.771 | 14.752 | 14.802 | VV | 3296       | 48944   | 0.78%  | 0.056% |
| 197 | 14.821 | 14.802 | 14.872 | VV | 1360       | 23433   | 0.37%  | 0.027% |
| 198 | 14.883 | 14.872 | 14.903 | VV | 332        | 4569    | 0.07%  | 0.005% |
| 199 | 14.926 | 14.903 | 14.948 | VV | 924        | 15232   | 0.24%  | 0.017% |
| 200 | 14.963 | 14.948 | 14.987 | VV | 388        | 6936    | 0.11%  | 0.008% |
| 201 | 15.022 | 14.987 | 15.042 | VV | 940        | 16854   | 0.27%  | 0.019% |
| 202 | 15.062 | 15.042 | 15.075 | VV | 797        | 13517   | 0.22%  | 0.016% |
| 203 | 15.109 | 15.075 | 15.183 | VV | 36940      | 746796  | 11.95% | 0.857% |
| 204 | 15.201 | 15.183 | 15.222 | VV | 3364       | 55438   | 0.89%  | 0.064% |
| 205 | 15.246 | 15.222 | 15.272 | VV | 4461       | 73032   | 1.17%  | 0.084% |
| 206 | 15.309 | 15.272 | 15.357 | VV | 10888      | 211053  | 3.38%  | 0.242% |
| 207 | 15.367 | 15.357 | 15.397 | VV | 855        | 16896   | 0.27%  | 0.019% |
| 208 | 15.422 | 15.397 | 15.448 | VV | 944        | 22292   | 0.36%  | 0.026% |
| 209 | 15.507 | 15.448 | 15.521 | VV | 3307       | 61254   | 0.98%  | 0.070% |
| 210 | 15.538 | 15.521 | 15.591 | VV | 3868       | 89705   | 1.44%  | 0.103% |
| 211 | 15.631 | 15.591 | 15.683 | VV | 4435       | 134541  | 2.15%  | 0.154% |
| 212 | 15.707 | 15.683 | 15.722 | VV | 2769       | 47454   | 0.76%  | 0.054% |
| 213 | 15.745 | 15.722 | 15.775 | VV | 5065       | 88017   | 1.41%  | 0.101% |
| 214 | 15.805 | 15.775 | 15.834 | VV | 6534       | 109706  | 1.76%  | 0.126% |
| 215 | 15.861 | 15.834 | 15.871 | VV | 1418       | 29475   | 0.47%  | 0.034% |
| 216 | 15.880 | 15.871 | 15.912 | VV | 1400       | 29471   | 0.47%  | 0.034% |
| 217 | 15.939 | 15.912 | 15.982 | VV | 1198       | 45489   | 0.73%  | 0.052% |
| 218 | 16.032 | 15.982 | 16.066 | VV | 3658       | 98250   | 1.57%  | 0.113% |
| 219 | 16.115 | 16.066 | 16.180 | VV | 86089      | 1651090 | 26.42% | 1.894% |
| 220 | 16.191 | 16.180 | 16.207 | VV | 4978       | 80340   | 1.29%  | 0.092% |
| 221 | 16.222 | 16.207 | 16.259 | VV | 5745       | 114135  | 1.83%  | 0.131% |
| 222 | 16.293 | 16.259 | 16.328 | VV | 16929      | 295757  | 4.73%  | 0.339% |
| 223 | 16.347 | 16.328 | 16.394 | VV | 2573       | 82275   | 1.32%  | 0.094% |
| 224 | 16.440 | 16.394 | 16.485 | VV | 2154       | 105329  | 1.69%  | 0.121% |
| 225 | 16.490 | 16.485 | 16.502 | VV | 1884       | 18845   | 0.30%  | 0.022% |
| 226 | 16.524 | 16.502 | 16.538 | VV | 2046       | 42315   | 0.68%  | 0.049% |
| 227 | 16.600 | 16.538 | 16.642 | VV | 11320      | 346237  | 5.54%  | 0.397% |
| 228 | 16.688 | 16.642 | 16.716 | VV | 6561       | 211806  | 3.39%  | 0.243% |
| 229 | 16.763 | 16.716 | 16.792 | VV | 7222       | 190146  | 3.04%  | 0.218% |
| 230 | 16.807 | 16.792 | 16.821 | VV | 2311       | 38354   | 0.61%  | 0.044% |
| 231 | 16.846 | 16.821 | 16.858 | VV | 2428       | 50435   | 0.81%  | 0.058% |
| 232 | 16.873 | 16.858 | 16.892 | VV | 2455       | 48323   | 0.77%  | 0.055% |
| 233 | 16.940 | 16.892 | 16.988 | VV | 4608       | 198634  | 3.18%  | 0.228% |
| 234 | 17.055 | 16.988 | 17.114 | VV | 51298      | 1249057 | 19.98% | 1.433% |
| 235 | 17.136 | 17.114 | 17.179 | VV | 13263      | 321088  | 5.14%  | 0.368% |
| 236 | 17.228 | 17.179 | 17.281 | VV | 13644      | 471569  | 7.54%  | 0.541% |
| 237 | 17.293 | 17.281 | 17.315 | VV | 4240       | 80687   | 1.29%  | 0.093% |
| 238 | 17.344 | 17.315 | 17.382 | VV | 4979       | 163849  | 2.62%  | 0.188% |
| 239 | 17.409 | 17.382 | 17.435 | VV | 3952       | 121293  | 1.94%  | 0.139% |
| 240 | 17.498 | 17.435 | 17.516 | VV | 6340       | 240891  | 3.85%  | 0.276% |
| 241 | 17.573 | 17.516 | 17.605 | VV | 10204      | 376207  | 6.02%  | 0.432% |
| 242 | 17.660 | 17.605 | 17.685 | VV | 10109      | 367676  | 5.88%  | 0.422% |
| 243 | 17.704 | 17.685 | 17.718 | VV | 7540       | 143136  | 2.29%  | 0.164% |
| 244 | 17.739 | 17.718 | 17.758 | VV | 8286       | 176456  | 2.82%  | 0.202% |
| 245 | 17.788 | 17.758 | 17.820 | VV | 9321       | 280286  | 4.48%  | 0.322% |
| 246 | 17.884 | 17.820 | 17.908 | VV | 19144      | 557322  | 8.92%  | 0.639% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 247        | 17.934 | 17.908 | 17.956 | VV | 17653  | 419127  | 6.71%  | 0.481% |
| 248        | 17.994 | 17.956 | 18.036 | VV | 23320  | 734219  | 11.75% | 0.842% |
| 249        | 18.054 | 18.036 | 18.071 | VV | 11478  | 229339  | 3.67%  | 0.263% |
| 250        | 18.082 | 18.071 | 18.147 | VV | 10349  | 352924  | 5.65%  | 0.405% |
|            |        |        |        |    |        |         |        |        |
| 251        | 18.178 | 18.147 | 18.199 | VV | 10250  | 247727  | 3.96%  | 0.284% |
| 252        | 18.213 | 18.199 | 18.241 | VV | 8107   | 185716  | 2.97%  | 0.213% |
| 253        | 18.278 | 18.241 | 18.295 | VV | 6848   | 216840  | 3.47%  | 0.249% |
| 254        | 18.313 | 18.295 | 18.322 | VV | 6720   | 105774  | 1.69%  | 0.121% |
| 255        | 18.403 | 18.322 | 18.434 | VV | 15085  | 696206  | 11.14% | 0.799% |
|            |        |        |        |    |        |         |        |        |
| 256        | 18.468 | 18.434 | 18.493 | VV | 36362  | 748894  | 11.98% | 0.859% |
| 257        | 18.502 | 18.493 | 18.526 | VV | 16615  | 292579  | 4.68%  | 0.336% |
| 258        | 18.536 | 18.526 | 18.571 | VV | 12714  | 311699  | 4.99%  | 0.358% |
| 259        | 18.592 | 18.571 | 18.604 | VV | 10328  | 198171  | 3.17%  | 0.227% |
| 260        | 18.665 | 18.604 | 18.688 | VV | 17477  | 678288  | 10.85% | 0.778% |
|            |        |        |        |    |        |         |        |        |
| 261        | 18.705 | 18.688 | 18.722 | VV | 18116  | 323344  | 5.17%  | 0.371% |
| 262        | 18.750 | 18.722 | 18.776 | VV | 32542  | 806386  | 12.90% | 0.925% |
| 263        | 18.797 | 18.776 | 18.838 | VV | 28729  | 846201  | 13.54% | 0.971% |
| 264        | 18.860 | 18.838 | 18.890 | VV | 22400  | 600087  | 9.60%  | 0.688% |
| 265        | 18.914 | 18.890 | 18.972 | VV | 20804  | 815852  | 13.05% | 0.936% |
|            |        |        |        |    |        |         |        |        |
| 266        | 19.025 | 18.972 | 19.053 | VV | 26596  | 935196  | 14.96% | 1.073% |
| 267        | 19.077 | 19.053 | 19.144 | VV | 23878  | 1021175 | 16.34% | 1.171% |
| 268        | 19.184 | 19.144 | 19.203 | VV | 19342  | 654192  | 10.47% | 0.750% |
| 269        | 19.230 | 19.203 | 19.252 | VV | 24114  | 601348  | 9.62%  | 0.690% |
| 270        | 19.319 | 19.252 | 19.367 | VV | 30128  | 1559601 | 24.95% | 1.789% |
|            |        |        |        |    |        |         |        |        |
| 271        | 19.403 | 19.367 | 19.418 | VV | 20683  | 612677  | 9.80%  | 0.703% |
| 272        | 19.457 | 19.418 | 19.482 | VV | 26215  | 923189  | 14.77% | 1.059% |
| 273        | 19.514 | 19.482 | 19.543 | VV | 111152 | 2205124 | 35.28% | 2.529% |
| 274        | 19.564 | 19.543 | 19.604 | VV | 40464  | 1331833 | 21.31% | 1.528% |
| 275        | 19.620 | 19.604 | 19.642 | VV | 31378  | 691356  | 11.06% | 0.793% |
|            |        |        |        |    |        |         |        |        |
| 276        | 19.658 | 19.642 | 19.667 | VV | 28930  | 412955  | 6.61%  | 0.474% |
| 277        | 19.729 | 19.667 | 19.835 | VV | 38928  | 3052766 | 48.84% | 3.502% |
| 278        | 19.891 | 19.835 | 19.904 | VV | 27394  | 1076636 | 17.22% | 1.235% |
| 279        | 19.916 | 19.904 | 19.998 | VV | 27426  | 1455559 | 23.29% | 1.670% |
| 280        | 20.027 | 19.998 | 20.048 | VV | 27783  | 782475  | 12.52% | 0.898% |
|            |        |        |        |    |        |         |        |        |
| 281        | 20.076 | 20.048 | 20.125 | VV | 35386  | 1425939 | 22.81% | 1.636% |
| 282        | 20.147 | 20.125 | 20.178 | VV | 29041  | 912144  | 14.59% | 1.046% |
| 283        | 20.233 | 20.178 | 20.255 | VV | 33624  | 1446328 | 23.14% | 1.659% |
| 284        | 20.270 | 20.255 | 20.297 | VV | 32471  | 808854  | 12.94% | 0.928% |
| 285        | 20.319 | 20.297 | 20.347 | VV | 31505  | 920907  | 14.73% | 1.056% |
|            |        |        |        |    |        |         |        |        |
| 286        | 20.362 | 20.347 | 20.400 | VV | 30384  | 957702  | 15.32% | 1.099% |
| 287        | 20.433 | 20.400 | 20.478 | VV | 31935  | 1459127 | 23.34% | 1.674% |
| 288        | 20.531 | 20.478 | 20.603 | VV | 32328  | 2315461 | 37.04% | 2.656% |
| 289        | 20.629 | 20.603 | 20.660 | VV | 31295  | 1025484 | 16.41% | 1.176% |
| 290        | 20.672 | 20.660 | 20.688 | VV | 29021  | 492048  | 7.87%  | 0.564% |
|            |        |        |        |    |        |         |        |        |
| 291        | 20.703 | 20.688 | 20.748 | VV | 28777  | 1015971 | 16.25% | 1.165% |
| 292        | 20.850 | 20.748 | 20.878 | VV | 29665  | 2241384 | 35.86% | 2.571% |
| 293        | 20.889 | 20.878 | 20.908 | VV | 27982  | 499221  | 7.99%  | 0.573% |
| 294        | 20.929 | 20.908 | 20.998 | VV | 27914  | 1479943 | 23.68% | 1.698% |
| 295        | 21.039 | 20.998 | 21.064 | VV | 28980  | 1104981 | 17.68% | 1.268% |
|            |        |        |        |    |        |         |        |        |
| 296        | 21.082 | 21.064 | 21.105 | VV | 28092  | 681106  | 10.90% | 0.781% |
| 297        | 21.203 | 21.105 | 21.312 | VV | 31615  | 3620102 | 57.92% | 4.153% |
| 298        | 21.322 | 21.312 | 21.348 | VV | 27126  | 573354  | 9.17%  | 0.658% |
| 299        | 21.377 | 21.348 | 21.428 | VV | 27400  | 1294949 | 20.72% | 1.485% |

300 21.486 21.428 21.552 VBA rteres.txt 31161 2075606 33.21% 2.381%

Sum of corrected areas: 87177796

Alaphatic EPH 042418.M Mon May 14 15:33:23 2018