

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052822\  
Data File : FF010678.D  
Signal(s) : FID2B.ch  
Acq On : 28 May 2022 13:46  
Sample : N3000-02  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF052722.M  
Title :

Signal : FID2B.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         | 1.604       | 1.598        | 1.627      | BV       | 1855           | 27015        | 1.16%          | 0.079%        |
| 2         | 1.631       | 1.627        | 1.655      | VV       | 1626           | 25792        | 1.11%          | 0.075%        |
| 3         | 1.676       | 1.655        | 1.712      | VV       | 2335           | 63707        | 2.73%          | 0.186%        |
| 4         | 1.729       | 1.712        | 1.762      | VV       | 2327           | 53899        | 2.31%          | 0.157%        |
| 5         | 1.781       | 1.762        | 1.835      | VV       | 2263           | 72087        | 3.09%          | 0.211%        |
| 6         | 1.837       | 1.835        | 1.848      | VV       | 1500           | 11432        | 0.49%          | 0.033%        |
| 7         | 1.853       | 1.848        | 1.879      | VV       | 1499           | 26071        | 1.12%          | 0.076%        |
| 8         | 1.889       | 1.879        | 1.930      | VV       | 1501           | 41562        | 1.78%          | 0.121%        |
| 9         | 1.935       | 1.930        | 1.939      | VV       | 1325           | 6939         | 0.30%          | 0.020%        |
| 10        | 1.954       | 1.939        | 1.994      | VV       | 1572           | 44122        | 1.89%          | 0.129%        |
| 11        | 1.998       | 1.994        | 2.006      | VV       | 1208           | 8424         | 0.36%          | 0.025%        |
| 12        | 2.008       | 2.006        | 2.020      | VV       | 1193           | 9815         | 0.42%          | 0.029%        |
| 13        | 2.029       | 2.020        | 2.043      | VV       | 1197           | 15573        | 0.67%          | 0.045%        |
| 14        | 2.048       | 2.043        | 2.052      | VV       | 1241           | 6581         | 0.28%          | 0.019%        |
| 15        | 2.059       | 2.052        | 2.072      | VV       | 1293           | 14595        | 0.63%          | 0.043%        |
| 16        | 2.096       | 2.072        | 2.135      | VV       | 1628           | 52722        | 2.26%          | 0.154%        |
| 17        | 2.163       | 2.135        | 2.193      | VV       | 3251           | 64975        | 2.79%          | 0.190%        |
| 18        | 2.218       | 2.193        | 2.273      | VV       | 3688           | 98985        | 4.25%          | 0.289%        |
| 19        | 2.299       | 2.273        | 2.318      | VV       | 1174           | 29553        | 1.27%          | 0.086%        |
| 20        | 2.326       | 2.318        | 2.334      | VV       | 1170           | 10415        | 0.45%          | 0.030%        |
| 21        | 2.337       | 2.334        | 2.343      | VV       | 1092           | 5206         | 0.22%          | 0.015%        |
| 22        | 2.347       | 2.343        | 2.355      | VV       | 1178           | 8361         | 0.36%          | 0.024%        |
| 23        | 2.359       | 2.355        | 2.375      | VV       | 1083           | 13134        | 0.56%          | 0.038%        |
| 24        | 2.380       | 2.375        | 2.387      | VV       | 1159           | 7233         | 0.31%          | 0.021%        |
| 25        | 2.419       | 2.387        | 2.426      | VV       | 1125           | 24786        | 1.06%          | 0.072%        |
| 26        | 2.450       | 2.426        | 2.469      | VV       | 1248           | 27561        | 1.18%          | 0.081%        |
| 27        | 2.472       | 2.469        | 2.480      | VV       | 1057           | 7233         | 0.31%          | 0.021%        |
| 28        | 2.484       | 2.480        | 2.512      | VV       | 1033           | 18996        | 0.82%          | 0.056%        |
| 29        | 2.515       | 2.512        | 2.525      | VV       | 992            | 7089         | 0.30%          | 0.021%        |
| 30        | 2.529       | 2.525        | 2.536      | VV       | 944            | 5740         | 0.25%          | 0.017%        |
| 31        | 2.567       | 2.536        | 2.612      | VV       | 1296           | 48304        | 2.07%          | 0.141%        |
| 32        | 2.625       | 2.612        | 2.681      | VV       | 2547           | 66106        | 2.84%          | 0.193%        |
| 33        | 2.684       | 2.681        | 2.689      | VV       | 1044           | 4995         | 0.21%          | 0.015%        |
| 34        | 2.693       | 2.689        | 2.704      | VV       | 1050           | 9019         | 0.39%          | 0.026%        |
| 35        | 2.720       | 2.704        | 2.741      | VV       | 1196           | 23182        | 0.99%          | 0.068%        |
| 36        | 2.757       | 2.741        | 2.777      | VV       | 1444           | 26514        | 1.14%          | 0.077%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 2.780 | 2.777 | 2.812 | VV | 1248   | 22933 | 0.98% | 0.067% |
| 38 | 2.827 | 2.812 | 2.863 | VV | 1383   | 34471 | 1.48% | 0.101% |
| 39 | 2.884 | 2.863 | 2.929 | VV | 1408   | 45154 | 1.94% | 0.132% |
| 40 | 2.936 | 2.929 | 2.963 | VV | 963    | 18105 | 0.78% | 0.053% |
| 41 | 2.968 | 2.963 | 2.982 | VV | 885    | 9964  | 0.43% | 0.029% |
| 42 | 3.001 | 2.982 | 3.041 | VV | 1543   | 38087 | 1.63% | 0.111% |
| 43 | 3.058 | 3.041 | 3.081 | VV | 1222   | 24367 | 1.05% | 0.071% |
| 44 | 3.090 | 3.081 | 3.103 | VV | 916    | 11142 | 0.48% | 0.033% |
| 45 | 3.116 | 3.103 | 3.127 | VV | 876    | 11690 | 0.50% | 0.034% |
| 46 | 3.142 | 3.127 | 3.172 | VV | 975    | 22874 | 0.98% | 0.067% |
| 47 | 3.176 | 3.172 | 3.181 | VV | 791    | 3819  | 0.16% | 0.011% |
| 48 | 3.201 | 3.181 | 3.211 | VV | 1031   | 15856 | 0.68% | 0.046% |
| 49 | 3.229 | 3.211 | 3.248 | VV | 1934   | 31966 | 1.37% | 0.093% |
| 50 | 3.258 | 3.248 | 3.283 | VV | 1176   | 20195 | 0.87% | 0.059% |
| 51 | 3.290 | 3.283 | 3.311 | VV | 879    | 13193 | 0.57% | 0.039% |
| 52 | 3.335 | 3.311 | 3.352 | VV | 972    | 20661 | 0.89% | 0.060% |
| 53 | 3.368 | 3.352 | 3.390 | VV | 966    | 19297 | 0.83% | 0.056% |
| 54 | 3.396 | 3.390 | 3.403 | VV | 786    | 5892  | 0.25% | 0.017% |
| 55 | 3.410 | 3.403 | 3.416 | VV | 763    | 5372  | 0.23% | 0.016% |
| 56 | 3.419 | 3.416 | 3.427 | VV | 726    | 4589  | 0.20% | 0.013% |
| 57 | 3.434 | 3.427 | 3.443 | VV | 777    | 7034  | 0.30% | 0.021% |
| 58 | 3.461 | 3.443 | 3.474 | VV | 870    | 15020 | 0.64% | 0.044% |
| 59 | 3.490 | 3.474 | 3.517 | VV | 1143   | 23679 | 1.02% | 0.069% |
| 60 | 3.531 | 3.517 | 3.553 | VV | 832    | 16451 | 0.71% | 0.048% |
| 61 | 3.560 | 3.553 | 3.567 | VV | 722    | 5400  | 0.23% | 0.016% |
| 62 | 3.591 | 3.567 | 3.621 | VV | 1228   | 29951 | 1.29% | 0.088% |
| 63 | 3.642 | 3.621 | 3.667 | VV | 887    | 21369 | 0.92% | 0.062% |
| 64 | 3.673 | 3.667 | 3.679 | VV | 789    | 5296  | 0.23% | 0.015% |
| 65 | 3.688 | 3.679 | 3.695 | VV | 914    | 8261  | 0.35% | 0.024% |
| 66 | 3.705 | 3.695 | 3.715 | VV | 955    | 10630 | 0.46% | 0.031% |
| 67 | 3.726 | 3.715 | 3.742 | VV | 992    | 15072 | 0.65% | 0.044% |
| 68 | 3.747 | 3.742 | 3.765 | VV | 890    | 10465 | 0.45% | 0.031% |
| 69 | 3.771 | 3.765 | 3.793 | VV | 781    | 11916 | 0.51% | 0.035% |
| 70 | 3.821 | 3.793 | 3.833 | VV | 882    | 18104 | 0.78% | 0.053% |
| 71 | 3.845 | 3.833 | 3.915 | VV | 1416   | 46040 | 1.98% | 0.135% |
| 72 | 3.960 | 3.915 | 4.001 | VV | 3465   | 78569 | 3.37% | 0.230% |
| 73 | 4.035 | 4.001 | 4.067 | VV | 1286   | 39434 | 1.69% | 0.115% |
| 74 | 4.069 | 4.067 | 4.082 | VV | 824    | 6485  | 0.28% | 0.019% |
| 75 | 4.092 | 4.082 | 4.104 | VV | 935    | 11088 | 0.48% | 0.032% |
| 76 | 4.116 | 4.104 | 4.137 | VV | 991    | 17022 | 0.73% | 0.050% |
| 77 | 4.164 | 4.137 | 4.205 | VV | 1563   | 41522 | 1.78% | 0.121% |
| 78 | 4.222 | 4.205 | 4.258 | VV | 1162   | 27704 | 1.19% | 0.081% |
| 79 | 4.263 | 4.258 | 4.275 | VV | 751    | 7467  | 0.32% | 0.022% |
| 80 | 4.282 | 4.275 | 4.294 | VV | 733    | 7556  | 0.32% | 0.022% |
| 81 | 4.305 | 4.294 | 4.314 | VV | 684    | 7607  | 0.33% | 0.022% |
| 82 | 4.334 | 4.314 | 4.356 | VV | 886    | 18054 | 0.77% | 0.053% |
| 83 | 4.370 | 4.356 | 4.380 | VV | 759    | 10130 | 0.43% | 0.030% |
| 84 | 4.396 | 4.380 | 4.416 | VV | 1237   | 20458 | 0.88% | 0.060% |
| 85 | 4.434 | 4.416 | 4.459 | VV | 825    | 18578 | 0.80% | 0.054% |
| 86 | 4.473 | 4.459 | 4.499 | VV | 825    | 17140 | 0.74% | 0.050% |
| 87 | 4.504 | 4.499 | 4.510 | VV | 1079   | 4834  | 0.21% | 0.014% |
| 88 | 4.518 | 4.510 | 4.538 | VV | 692    | 10649 | 0.46% | 0.031% |
| 89 | 4.565 | 4.538 | 4.593 | VV | 2493   | 38039 | 1.63% | 0.111% |

|     |       |       |       |    |        |       |       |        |
|-----|-------|-------|-------|----|--------|-------|-------|--------|
|     |       |       |       |    | rteres |       |       |        |
| 90  | 4.621 | 4.593 | 4.644 | VV | 1021   | 22647 | 0.97% | 0.066% |
| 91  | 4.647 | 4.644 | 4.670 | VV | 605    | 7958  | 0.34% | 0.023% |
| 92  | 4.683 | 4.670 | 4.692 | VV | 659    | 7436  | 0.32% | 0.022% |
| 93  | 4.710 | 4.692 | 4.729 | VV | 694    | 12840 | 0.55% | 0.038% |
| 94  | 4.760 | 4.729 | 4.800 | VV | 1052   | 29617 | 1.27% | 0.087% |
| 95  | 4.807 | 4.800 | 4.834 | VV | 703    | 12411 | 0.53% | 0.036% |
| 96  | 4.855 | 4.834 | 4.865 | VV | 685    | 11352 | 0.49% | 0.033% |
| 97  | 4.870 | 4.865 | 4.885 | VV | 699    | 7635  | 0.33% | 0.022% |
| 98  | 4.898 | 4.885 | 4.915 | VV | 736    | 11532 | 0.49% | 0.034% |
| 99  | 4.919 | 4.915 | 4.924 | VV | 574    | 2962  | 0.13% | 0.009% |
| 100 | 4.926 | 4.924 | 4.933 | VV | 604    | 2775  | 0.12% | 0.008% |
| 101 | 4.939 | 4.933 | 4.944 | VV | 539    | 3130  | 0.13% | 0.009% |
| 102 | 4.948 | 4.944 | 4.966 | VV | 474    | 5870  | 0.25% | 0.017% |
| 103 | 4.974 | 4.966 | 4.995 | VV | 470    | 7044  | 0.30% | 0.021% |
| 104 | 5.044 | 4.995 | 5.072 | VV | 611    | 21290 | 0.91% | 0.062% |
| 105 | 5.075 | 5.072 | 5.097 | VV | 459    | 5797  | 0.25% | 0.017% |
| 106 | 5.107 | 5.097 | 5.123 | VV | 523    | 7374  | 0.32% | 0.022% |
| 107 | 5.153 | 5.123 | 5.186 | VV | 1066   | 23648 | 1.01% | 0.069% |
| 108 | 5.214 | 5.186 | 5.250 | VV | 752    | 20508 | 0.88% | 0.060% |
| 109 | 5.255 | 5.250 | 5.264 | VV | 333    | 2541  | 0.11% | 0.007% |
| 110 | 5.274 | 5.264 | 5.291 | VV | 374    | 5102  | 0.22% | 0.015% |
| 111 | 5.294 | 5.291 | 5.306 | VV | 310    | 2473  | 0.11% | 0.007% |
| 112 | 5.337 | 5.306 | 5.361 | VV | 1883   | 28581 | 1.23% | 0.084% |
| 113 | 5.373 | 5.361 | 5.397 | VV | 543    | 9962  | 0.43% | 0.029% |
| 114 | 5.407 | 5.397 | 5.427 | VV | 517    | 7337  | 0.31% | 0.021% |
| 115 | 5.431 | 5.427 | 5.453 | VV | 308    | 3836  | 0.16% | 0.011% |
| 116 | 5.464 | 5.453 | 5.489 | VV | 381    | 6505  | 0.28% | 0.019% |
| 117 | 5.496 | 5.489 | 5.504 | VV | 220    | 1979  | 0.08% | 0.006% |
| 118 | 5.535 | 5.504 | 5.569 | VV | 1292   | 23330 | 1.00% | 0.068% |
| 119 | 5.579 | 5.569 | 5.588 | VV | 393    | 3963  | 0.17% | 0.012% |
| 120 | 5.604 | 5.588 | 5.620 | VV | 747    | 9959  | 0.43% | 0.029% |
| 121 | 5.636 | 5.620 | 5.674 | VV | 743    | 16498 | 0.71% | 0.048% |
| 122 | 5.683 | 5.674 | 5.687 | VV | 379    | 2457  | 0.11% | 0.007% |
| 123 | 5.712 | 5.687 | 5.718 | VV | 468    | 7076  | 0.30% | 0.021% |
| 124 | 5.722 | 5.718 | 5.755 | VV | 436    | 7618  | 0.33% | 0.022% |
| 125 | 5.763 | 5.755 | 5.774 | VV | 327    | 3229  | 0.14% | 0.009% |
| 126 | 5.795 | 5.774 | 5.812 | VV | 553    | 8799  | 0.38% | 0.026% |
| 127 | 5.816 | 5.812 | 5.823 | VV | 401    | 2391  | 0.10% | 0.007% |
| 128 | 5.837 | 5.823 | 5.852 | VV | 614    | 8237  | 0.35% | 0.024% |
| 129 | 5.862 | 5.852 | 5.883 | VV | 487    | 7229  | 0.31% | 0.021% |
| 130 | 5.900 | 5.883 | 5.906 | VV | 368    | 4109  | 0.18% | 0.012% |
| 131 | 5.912 | 5.906 | 5.933 | VV | 393    | 4629  | 0.20% | 0.014% |
| 132 | 5.942 | 5.933 | 5.956 | VV | 351    | 4365  | 0.19% | 0.013% |
| 133 | 5.973 | 5.956 | 5.990 | VV | 428    | 6521  | 0.28% | 0.019% |
| 134 | 6.007 | 5.990 | 6.026 | VV | 558    | 8411  | 0.36% | 0.025% |
| 135 | 6.065 | 6.026 | 6.074 | VV | 583    | 12502 | 0.54% | 0.037% |
| 136 | 6.092 | 6.074 | 6.109 | VV | 2529   | 29016 | 1.24% | 0.085% |
| 137 | 6.123 | 6.109 | 6.160 | VV | 988    | 22425 | 0.96% | 0.066% |
| 138 | 6.164 | 6.160 | 6.174 | VV | 494    | 3966  | 0.17% | 0.012% |
| 139 | 6.181 | 6.174 | 6.186 | VV | 519    | 3324  | 0.14% | 0.010% |
| 140 | 6.193 | 6.186 | 6.201 | VV | 491    | 4040  | 0.17% | 0.012% |
| 141 | 6.207 | 6.201 | 6.227 | VV | 541    | 6113  | 0.26% | 0.018% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 142 | 6.246 | 6.227 | 6.259 | VV | 550    | 7984   | 0.34% | 0.023% |
| 143 | 6.282 | 6.259 | 6.311 | VV | 1255   | 21507  | 0.92% | 0.063% |
| 144 | 6.328 | 6.311 | 6.345 | VV | 442    | 6822   | 0.29% | 0.020% |
| 145 | 6.352 | 6.345 | 6.376 | VV | 464    | 6691   | 0.29% | 0.020% |
| 146 | 6.399 | 6.376 | 6.434 | VV | 1953   | 29385  | 1.26% | 0.086% |
| 147 | 6.452 | 6.434 | 6.495 | VV | 541    | 15103  | 0.65% | 0.044% |
| 148 | 6.505 | 6.495 | 6.533 | VV | 394    | 6566   | 0.28% | 0.019% |
| 149 | 6.563 | 6.533 | 6.615 | VV | 2132   | 32247  | 1.38% | 0.094% |
| 150 | 6.639 | 6.615 | 6.664 | VV | 544    | 8998   | 0.39% | 0.026% |
| 151 | 6.677 | 6.664 | 6.688 | VV | 297    | 3539   | 0.15% | 0.010% |
| 152 | 6.715 | 6.688 | 6.736 | VV | 1004   | 15676  | 0.67% | 0.046% |
| 153 | 6.749 | 6.736 | 6.779 | VV | 510    | 8746   | 0.38% | 0.026% |
| 154 | 6.786 | 6.779 | 6.801 | VV | 273    | 2362   | 0.10% | 0.007% |
| 155 | 6.823 | 6.801 | 6.831 | VV | 321    | 4232   | 0.18% | 0.012% |
| 156 | 6.838 | 6.831 | 6.856 | VV | 309    | 3264   | 0.14% | 0.010% |
| 157 | 6.883 | 6.856 | 6.903 | PV | 482    | 9139   | 0.39% | 0.027% |
| 158 | 6.907 | 6.903 | 6.938 | VV | 328    | 4486   | 0.19% | 0.013% |
| 159 | 6.957 | 6.938 | 6.978 | VV | 632    | 8307   | 0.36% | 0.024% |
| 160 | 6.984 | 6.978 | 6.991 | VV | 242    | 1494   | 0.06% | 0.004% |
| 161 | 7.013 | 6.991 | 7.027 | VV | 380    | 6456   | 0.28% | 0.019% |
| 162 | 7.059 | 7.027 | 7.068 | VV | 1204   | 18730  | 0.80% | 0.055% |
| 163 | 7.073 | 7.068 | 7.084 | VV | 1118   | 10328  | 0.44% | 0.030% |
| 164 | 7.090 | 7.084 | 7.115 | VV | 1162   | 15718  | 0.67% | 0.046% |
| 165 | 7.133 | 7.115 | 7.163 | VV | 884    | 15847  | 0.68% | 0.046% |
| 166 | 7.183 | 7.163 | 7.206 | VV | 2410   | 30770  | 1.32% | 0.090% |
| 167 | 7.223 | 7.206 | 7.264 | VV | 1043   | 25070  | 1.08% | 0.073% |
| 168 | 7.282 | 7.264 | 7.302 | VV | 1359   | 18036  | 0.77% | 0.053% |
| 169 | 7.320 | 7.302 | 7.358 | VV | 2315   | 29821  | 1.28% | 0.087% |
| 170 | 7.374 | 7.358 | 7.393 | VV | 1333   | 17474  | 0.75% | 0.051% |
| 171 | 7.400 | 7.393 | 7.436 | VV | 533    | 9633   | 0.41% | 0.028% |
| 172 | 7.453 | 7.436 | 7.468 | VV | 464    | 7572   | 0.32% | 0.022% |
| 173 | 7.476 | 7.468 | 7.485 | VV | 593    | 4831   | 0.21% | 0.014% |
| 174 | 7.507 | 7.485 | 7.537 | VV | 3936   | 46915  | 2.01% | 0.137% |
| 175 | 7.541 | 7.537 | 7.549 | VV | 270    | 1792   | 0.08% | 0.005% |
| 176 | 7.566 | 7.549 | 7.585 | VV | 355    | 6099   | 0.26% | 0.018% |
| 177 | 7.590 | 7.585 | 7.606 | VV | 305    | 2895   | 0.12% | 0.008% |
| 178 | 7.633 | 7.606 | 7.655 | VV | 556    | 10886  | 0.47% | 0.032% |
| 179 | 7.678 | 7.655 | 7.708 | VV | 856    | 14532  | 0.62% | 0.042% |
| 180 | 7.725 | 7.708 | 7.753 | VV | 457    | 6735   | 0.29% | 0.020% |
| 181 | 7.786 | 7.753 | 7.801 | PV | 741    | 9949   | 0.43% | 0.029% |
| 182 | 7.842 | 7.801 | 7.858 | VV | 534    | 11163  | 0.48% | 0.033% |
| 183 | 7.872 | 7.858 | 7.897 | VV | 577    | 6947   | 0.30% | 0.020% |
| 184 | 7.929 | 7.897 | 7.950 | VV | 1858   | 29111  | 1.25% | 0.085% |
| 185 | 7.964 | 7.950 | 7.980 | VV | 1122   | 15904  | 0.68% | 0.046% |
| 186 | 7.987 | 7.980 | 8.009 | VV | 769    | 9166   | 0.39% | 0.027% |
| 187 | 8.035 | 8.009 | 8.050 | VV | 808    | 13306  | 0.57% | 0.039% |
| 188 | 8.079 | 8.050 | 8.097 | VV | 2183   | 34412  | 1.48% | 0.101% |
| 189 | 8.123 | 8.097 | 8.161 | VV | 3628   | 95075  | 4.08% | 0.278% |
| 190 | 8.175 | 8.161 | 8.184 | VV | 2638   | 28796  | 1.24% | 0.084% |
| 191 | 8.203 | 8.184 | 8.232 | VV | 2681   | 51290  | 2.20% | 0.150% |
| 192 | 8.295 | 8.232 | 8.311 | VV | 5958   | 105290 | 4.52% | 0.308% |
| 193 | 8.323 | 8.311 | 8.338 | VV | 3141   | 34890  | 1.50% | 0.102% |
| 194 | 8.352 | 8.338 | 8.365 | VV | 2174   | 27067  | 1.16% | 0.079% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 8.384  | 8.365  | 8.421  | VV | 6837   | 92454  | 3.97% | 0.270% |
| 196 | 8.449  | 8.421  | 8.458  | VV | 2550   | 37964  | 1.63% | 0.111% |
| 197 | 8.479  | 8.458  | 8.515  | VV | 6700   | 116292 | 4.99% | 0.340% |
| 198 | 8.534  | 8.515  | 8.551  | VV | 2283   | 33794  | 1.45% | 0.099% |
| 199 | 8.570  | 8.551  | 8.591  | VV | 2168   | 31523  | 1.35% | 0.092% |
| 200 | 8.600  | 8.591  | 8.610  | VV | 791    | 8325   | 0.36% | 0.024% |
| 201 | 8.622  | 8.610  | 8.653  | VV | 867    | 15659  | 0.67% | 0.046% |
| 202 | 8.662  | 8.653  | 8.665  | VV | 399    | 2575   | 0.11% | 0.008% |
| 203 | 8.669  | 8.665  | 8.688  | VV | 400    | 4512   | 0.19% | 0.013% |
| 204 | 8.691  | 8.688  | 8.702  | VV | 267    | 1389   | 0.06% | 0.004% |
| 205 | 8.775  | 8.702  | 8.796  | VV | 7342   | 110113 | 4.72% | 0.322% |
| 206 | 8.829  | 8.796  | 8.849  | VV | 2753   | 51308  | 2.20% | 0.150% |
| 207 | 8.857  | 8.849  | 8.862  | VV | 1211   | 9203   | 0.39% | 0.027% |
| 208 | 8.895  | 8.862  | 8.908  | VV | 1791   | 37830  | 1.62% | 0.111% |
| 209 | 8.924  | 8.908  | 8.956  | VV | 3043   | 46411  | 1.99% | 0.136% |
| 210 | 8.974  | 8.956  | 8.991  | VV | 1743   | 27531  | 1.18% | 0.080% |
| 211 | 9.019  | 8.991  | 9.035  | VV | 3385   | 54935  | 2.36% | 0.161% |
| 212 | 9.051  | 9.035  | 9.079  | VV | 3756   | 49967  | 2.14% | 0.146% |
| 213 | 9.094  | 9.079  | 9.105  | VV | 1307   | 16238  | 0.70% | 0.047% |
| 214 | 9.125  | 9.105  | 9.137  | VV | 2836   | 37708  | 1.62% | 0.110% |
| 215 | 9.141  | 9.137  | 9.173  | VV | 1921   | 27446  | 1.18% | 0.080% |
| 216 | 9.210  | 9.173  | 9.222  | VV | 5889   | 99735  | 4.28% | 0.291% |
| 217 | 9.229  | 9.222  | 9.252  | VV | 3886   | 42750  | 1.83% | 0.125% |
| 218 | 9.255  | 9.252  | 9.276  | VV | 955    | 10259  | 0.44% | 0.030% |
| 219 | 9.294  | 9.276  | 9.310  | VV | 846    | 13017  | 0.56% | 0.038% |
| 220 | 9.316  | 9.310  | 9.323  | VV | 556    | 3882   | 0.17% | 0.011% |
| 221 | 9.346  | 9.323  | 9.363  | VV | 3951   | 47897  | 2.06% | 0.140% |
| 222 | 9.377  | 9.363  | 9.391  | VV | 2289   | 25554  | 1.10% | 0.075% |
| 223 | 9.405  | 9.391  | 9.446  | VV | 1793   | 41976  | 1.80% | 0.123% |
| 224 | 9.482  | 9.446  | 9.502  | VV | 3082   | 50278  | 2.16% | 0.147% |
| 225 | 9.538  | 9.502  | 9.546  | VV | 3930   | 53403  | 2.29% | 0.156% |
| 226 | 9.562  | 9.546  | 9.577  | VV | 7988   | 100222 | 4.30% | 0.293% |
| 227 | 9.586  | 9.577  | 9.618  | VV | 3404   | 51641  | 2.22% | 0.151% |
| 228 | 9.643  | 9.618  | 9.658  | VV | 3711   | 50164  | 2.15% | 0.147% |
| 229 | 9.671  | 9.658  | 9.695  | VV | 2178   | 38825  | 1.67% | 0.113% |
| 230 | 9.713  | 9.695  | 9.732  | VV | 3529   | 50619  | 2.17% | 0.148% |
| 231 | 9.747  | 9.732  | 9.757  | VV | 2193   | 25750  | 1.10% | 0.075% |
| 232 | 9.771  | 9.757  | 9.792  | VV | 3276   | 43933  | 1.88% | 0.128% |
| 233 | 9.820  | 9.792  | 9.852  | VV | 2147   | 48500  | 2.08% | 0.142% |
| 234 | 9.887  | 9.852  | 9.902  | VV | 2506   | 45155  | 1.94% | 0.132% |
| 235 | 9.921  | 9.902  | 9.960  | VV | 2917   | 63620  | 2.73% | 0.186% |
| 236 | 9.987  | 9.960  | 10.029 | VV | 7104   | 127450 | 5.47% | 0.372% |
| 237 | 10.044 | 10.029 | 10.066 | VV | 1342   | 21524  | 0.92% | 0.063% |
| 238 | 10.086 | 10.066 | 10.120 | VV | 1391   | 23184  | 0.99% | 0.068% |
| 239 | 10.150 | 10.120 | 10.177 | PV | 1492   | 25021  | 1.07% | 0.073% |
| 240 | 10.182 | 10.177 | 10.203 | VV | 463    | 4207   | 0.18% | 0.012% |
| 241 | 10.257 | 10.203 | 10.273 | VV | 473    | 8521   | 0.37% | 0.025% |
| 242 | 10.309 | 10.273 | 10.324 | VV | 1813   | 28314  | 1.21% | 0.083% |
| 243 | 10.336 | 10.324 | 10.351 | VV | 1342   | 15211  | 0.65% | 0.044% |
| 244 | 10.375 | 10.351 | 10.396 | VV | 2016   | 34302  | 1.47% | 0.100% |
| 245 | 10.414 | 10.396 | 10.430 | VV | 3837   | 57053  | 2.45% | 0.167% |
| 246 | 10.443 | 10.430 | 10.467 | VV | 3909   | 55170  | 2.37% | 0.161% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 10.484 | 10.467 | 10.510 | VV | 3045   | 43121  | 1.85%  | 0.126% |
| 248 | 10.517 | 10.510 | 10.539 | VV | 1025   | 13360  | 0.57%  | 0.039% |
| 249 | 10.563 | 10.539 | 10.593 | VV | 3867   | 64427  | 2.76%  | 0.188% |
| 250 | 10.612 | 10.593 | 10.644 | VV | 4781   | 83127  | 3.57%  | 0.243% |
|     |        |        |        |    |        |        |        |        |
| 251 | 10.649 | 10.644 | 10.666 | VV | 1873   | 22757  | 0.98%  | 0.066% |
| 252 | 10.680 | 10.666 | 10.692 | VV | 2309   | 28200  | 1.21%  | 0.082% |
| 253 | 10.697 | 10.692 | 10.707 | VV | 1736   | 14613  | 0.63%  | 0.043% |
| 254 | 10.727 | 10.707 | 10.746 | VV | 5856   | 82461  | 3.54%  | 0.241% |
| 255 | 10.765 | 10.746 | 10.783 | VV | 6447   | 89567  | 3.84%  | 0.262% |
|     |        |        |        |    |        |        |        |        |
| 256 | 10.812 | 10.783 | 10.850 | VV | 6242   | 126127 | 5.41%  | 0.369% |
| 257 | 10.863 | 10.850 | 10.878 | VV | 1611   | 20196  | 0.87%  | 0.059% |
| 258 | 10.890 | 10.878 | 10.912 | VV | 1081   | 13229  | 0.57%  | 0.039% |
| 259 | 10.961 | 10.912 | 10.987 | VV | 73629  | 799287 | 34.29% | 2.335% |
| 260 | 11.001 | 10.987 | 11.014 | VV | 2648   | 34337  | 1.47%  | 0.100% |
|     |        |        |        |    |        |        |        |        |
| 261 | 11.035 | 11.014 | 11.082 | VV | 26645  | 335024 | 14.37% | 0.979% |
| 262 | 11.093 | 11.082 | 11.103 | VV | 1049   | 13037  | 0.56%  | 0.038% |
| 263 | 11.129 | 11.103 | 11.164 | VV | 1650   | 38677  | 1.66%  | 0.113% |
| 264 | 11.177 | 11.164 | 11.190 | VV | 358    | 3654   | 0.16%  | 0.011% |
| 265 | 11.206 | 11.190 | 11.222 | VV | 1132   | 13335  | 0.57%  | 0.039% |
|     |        |        |        |    |        |        |        |        |
| 266 | 11.253 | 11.222 | 11.296 | VV | 6364   | 97531  | 4.18%  | 0.285% |
| 267 | 11.322 | 11.296 | 11.337 | PV | 862    | 15574  | 0.67%  | 0.046% |
| 268 | 11.358 | 11.337 | 11.379 | VV | 1938   | 31916  | 1.37%  | 0.093% |
| 269 | 11.395 | 11.379 | 11.408 | VV | 2215   | 29577  | 1.27%  | 0.086% |
| 270 | 11.427 | 11.408 | 11.448 | VV | 6198   | 81443  | 3.49%  | 0.238% |
|     |        |        |        |    |        |        |        |        |
| 271 | 11.453 | 11.448 | 11.462 | VV | 1780   | 14613  | 0.63%  | 0.043% |
| 272 | 11.482 | 11.462 | 11.540 | VV | 6751   | 143259 | 6.15%  | 0.419% |
| 273 | 11.566 | 11.540 | 11.588 | VV | 2160   | 32450  | 1.39%  | 0.095% |
| 274 | 11.613 | 11.588 | 11.636 | VV | 6016   | 74783  | 3.21%  | 0.218% |
| 275 | 11.652 | 11.636 | 11.671 | VV | 1526   | 17356  | 0.74%  | 0.051% |
|     |        |        |        |    |        |        |        |        |
| 276 | 11.688 | 11.671 | 11.705 | VV | 1662   | 22135  | 0.95%  | 0.065% |
| 277 | 11.718 | 11.705 | 11.731 | VV | 1094   | 14731  | 0.63%  | 0.043% |
| 278 | 11.762 | 11.731 | 11.777 | VV | 13854  | 175106 | 7.51%  | 0.512% |
| 279 | 11.793 | 11.777 | 11.818 | VV | 17546  | 194161 | 8.33%  | 0.567% |
| 280 | 11.875 | 11.818 | 11.892 | VV | 13577  | 241524 | 10.36% | 0.706% |
|     |        |        |        |    |        |        |        |        |
| 281 | 11.910 | 11.892 | 11.924 | VV | 14185  | 161381 | 6.92%  | 0.472% |
| 282 | 11.941 | 11.924 | 11.981 | VV | 15695  | 191273 | 8.21%  | 0.559% |
| 283 | 11.985 | 11.981 | 11.997 | VV | 449    | 3773   | 0.16%  | 0.011% |
| 284 | 12.025 | 11.997 | 12.047 | VV | 1491   | 22755  | 0.98%  | 0.066% |
| 285 | 12.095 | 12.047 | 12.104 | PV | 4247   | 79810  | 3.42%  | 0.233% |
|     |        |        |        |    |        |        |        |        |
| 286 | 12.118 | 12.104 | 12.136 | VV | 6411   | 84073  | 3.61%  | 0.246% |
| 287 | 12.154 | 12.136 | 12.210 | VV | 3992   | 100575 | 4.32%  | 0.294% |
| 288 | 12.234 | 12.210 | 12.252 | VV | 9182   | 109987 | 4.72%  | 0.321% |
| 289 | 12.262 | 12.252 | 12.276 | VV | 2206   | 25832  | 1.11%  | 0.075% |
| 290 | 12.296 | 12.276 | 12.317 | VV | 4466   | 63950  | 2.74%  | 0.187% |
|     |        |        |        |    |        |        |        |        |
| 291 | 12.347 | 12.317 | 12.398 | VV | 73435  | 991101 | 42.52% | 2.896% |
| 292 | 12.407 | 12.398 | 12.426 | VV | 3398   | 47651  | 2.04%  | 0.139% |
| 293 | 12.439 | 12.426 | 12.454 | VV | 3469   | 48239  | 2.07%  | 0.141% |
| 294 | 12.482 | 12.454 | 12.496 | VV | 3367   | 72553  | 3.11%  | 0.212% |
| 295 | 12.508 | 12.496 | 12.533 | VV | 3469   | 59719  | 2.56%  | 0.174% |
|     |        |        |        |    |        |        |        |        |
| 296 | 12.552 | 12.533 | 12.588 | VV | 6098   | 109560 | 4.70%  | 0.320% |
| 297 | 12.609 | 12.588 | 12.626 | VV | 6645   | 84850  | 3.64%  | 0.248% |
| 298 | 12.630 | 12.626 | 12.642 | VV | 2928   | 25141  | 1.08%  | 0.073% |
| 299 | 12.662 | 12.642 | 12.681 | VV | 15078  | 203511 | 8.73%  | 0.595% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 12.697 | 12.681 | 12.712 | VV | 7667   | 106029  | 4.55%   | 0.310% |
| 301 | 12.728 | 12.712 | 12.748 | VV | 9231   | 136695  | 5.86%   | 0.399% |
| 302 | 12.776 | 12.748 | 12.821 | VV | 148582 | 1736391 | 74.50%  | 5.073% |
| 303 | 12.834 | 12.821 | 12.852 | VV | 1717   | 19483   | 0.84%   | 0.057% |
| 304 | 12.875 | 12.852 | 12.889 | VV | 1934   | 28885   | 1.24%   | 0.084% |
| 305 | 12.909 | 12.889 | 12.925 | VV | 5623   | 77784   | 3.34%   | 0.227% |
| 306 | 12.941 | 12.925 | 12.947 | VV | 4436   | 47480   | 2.04%   | 0.139% |
| 307 | 12.961 | 12.947 | 12.976 | VV | 6932   | 99935   | 4.29%   | 0.292% |
| 308 | 12.982 | 12.976 | 13.007 | VV | 5770   | 88358   | 3.79%   | 0.258% |
| 309 | 13.016 | 13.007 | 13.042 | VV | 3580   | 58447   | 2.51%   | 0.171% |
| 310 | 13.072 | 13.042 | 13.101 | VV | 138639 | 1565264 | 67.16%  | 4.573% |
| 311 | 13.129 | 13.101 | 13.144 | VV | 13212  | 179709  | 7.71%   | 0.525% |
| 312 | 13.161 | 13.144 | 13.193 | VV | 15227  | 208928  | 8.96%   | 0.610% |
| 313 | 13.216 | 13.193 | 13.227 | VV | 2857   | 43923   | 1.88%   | 0.128% |
| 314 | 13.248 | 13.227 | 13.255 | VV | 6455   | 75953   | 3.26%   | 0.222% |
| 315 | 13.268 | 13.255 | 13.301 | VV | 7451   | 113148  | 4.85%   | 0.331% |
| 316 | 13.342 | 13.301 | 13.372 | PV | 11202  | 215732  | 9.26%   | 0.630% |
| 317 | 13.409 | 13.372 | 13.446 | VV | 11544  | 256614  | 11.01%  | 0.750% |
| 318 | 13.469 | 13.446 | 13.488 | VV | 6467   | 102450  | 4.40%   | 0.299% |
| 319 | 13.500 | 13.488 | 13.510 | VV | 3429   | 40214   | 1.73%   | 0.117% |
| 320 | 13.531 | 13.510 | 13.553 | VV | 11515  | 179604  | 7.71%   | 0.525% |
| 321 | 13.572 | 13.553 | 13.615 | VV | 24102  | 348601  | 14.96%  | 1.019% |
| 322 | 13.659 | 13.615 | 13.700 | VV | 24512  | 453276  | 19.45%  | 1.324% |
| 323 | 13.731 | 13.700 | 13.744 | VV | 3798   | 66374   | 2.85%   | 0.194% |
| 324 | 13.767 | 13.744 | 13.787 | VV | 15466  | 210461  | 9.03%   | 0.615% |
| 325 | 13.805 | 13.787 | 13.826 | VV | 14133  | 177287  | 7.61%   | 0.518% |
| 326 | 13.846 | 13.826 | 13.866 | VV | 5007   | 82208   | 3.53%   | 0.240% |
| 327 | 13.933 | 13.866 | 13.955 | VV | 15742  | 336142  | 14.42%  | 0.982% |
| 328 | 13.975 | 13.955 | 14.013 | VV | 9911   | 151348  | 6.49%   | 0.442% |
| 329 | 14.050 | 14.013 | 14.074 | VV | 2998   | 63076   | 2.71%   | 0.184% |
| 330 | 14.088 | 14.074 | 14.105 | VV | 1587   | 23514   | 1.01%   | 0.069% |
| 331 | 14.124 | 14.105 | 14.128 | VV | 1592   | 17030   | 0.73%   | 0.050% |
| 332 | 14.139 | 14.128 | 14.153 | VV | 1918   | 24474   | 1.05%   | 0.072% |
| 333 | 14.156 | 14.153 | 14.177 | VV | 1602   | 19500   | 0.84%   | 0.057% |
| 334 | 14.187 | 14.177 | 14.204 | VV | 1182   | 15418   | 0.66%   | 0.045% |
| 335 | 14.210 | 14.204 | 14.229 | VV | 878    | 8208    | 0.35%   | 0.024% |
| 336 | 14.247 | 14.229 | 14.261 | VV | 1177   | 10103   | 0.43%   | 0.030% |
| 337 | 14.322 | 14.261 | 14.337 | PV | 4257   | 85962   | 3.69%   | 0.251% |
| 338 | 14.354 | 14.337 | 14.374 | VV | 5133   | 89473   | 3.84%   | 0.261% |
| 339 | 14.392 | 14.374 | 14.435 | VV | 13650  | 197885  | 8.49%   | 0.578% |
| 340 | 14.445 | 14.435 | 14.453 | VV | 1368   | 11742   | 0.50%   | 0.034% |
| 341 | 14.491 | 14.453 | 14.531 | VV | 8121   | 158150  | 6.79%   | 0.462% |
| 342 | 14.568 | 14.531 | 14.592 | VV | 11906  | 218513  | 9.38%   | 0.638% |
| 343 | 14.595 | 14.592 | 14.610 | VV | 3761   | 32290   | 1.39%   | 0.094% |
| 344 | 14.633 | 14.610 | 14.655 | VV | 23709  | 301136  | 12.92%  | 0.880% |
| 345 | 14.695 | 14.655 | 14.722 | VV | 12680  | 224708  | 9.64%   | 0.657% |
| 346 | 14.728 | 14.722 | 14.735 | VV | 359    | 2253    | 0.10%   | 0.007% |
| 347 | 14.756 | 14.735 | 14.781 | VV | 2036   | 35121   | 1.51%   | 0.103% |
| 348 | 14.827 | 14.781 | 14.860 | VV | 167785 | 2330746 | 100.00% | 6.810% |
| 349 | 14.895 | 14.860 | 14.914 | VV | 6509   | 82790   | 3.55%   | 0.242% |
| 350 | 14.945 | 14.914 | 14.965 | VV | 85809  | 1053761 | 45.21%  | 3.079% |
| 351 | 14.986 | 14.965 | 15.015 | VV | 82299  | 1043044 | 44.75%  | 3.047% |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     | rt                      | eres    |          |        |
| 352 | 15.030 | 15.015 | 15.060 | VV  | 6574                    | 92608   | 3.97%    | 0.271% |
| 353 | 15.105 | 15.060 | 15.132 | VV  | 16040                   | 262856  | 11.28%   | 0.768% |
| 354 | 15.141 | 15.132 | 15.162 | VV  | 3243                    | 46194   | 1.98%    | 0.135% |
| 355 | 15.183 | 15.162 | 15.214 | VV  | 6333                    | 91290   | 3.92%    | 0.267% |
| 356 | 15.249 | 15.214 | 15.267 | PV  | 8220                    | 125028  | 5.36%    | 0.365% |
| 357 | 15.281 | 15.267 | 15.294 | VV  | 6538                    | 91055   | 3.91%    | 0.266% |
| 358 | 15.303 | 15.294 | 15.347 | VV  | 5332                    | 77666   | 3.33%    | 0.227% |
| 359 | 15.406 | 15.347 | 15.435 | PV  | 77240                   | 1211101 | 51.96%   | 3.538% |
| 360 | 15.440 | 15.435 | 15.482 | VV  | 14341                   | 167589  | 7.19%    | 0.490% |
| 361 | 15.531 | 15.482 | 15.586 | VV  | 20084                   | 479438  | 20.57%   | 1.401% |
| 362 | 15.616 | 15.586 | 15.638 | VV  | 27174                   | 388960  | 16.69%   | 1.136% |
| 363 | 15.657 | 15.638 | 15.684 | VV  | 11713                   | 175930  | 7.55%    | 0.514% |
| 364 | 15.697 | 15.684 | 15.713 | VV  | 3673                    | 40917   | 1.76%    | 0.120% |
| 365 | 15.755 | 15.713 | 15.760 | VV  | 7151                    | 95108   | 4.08%    | 0.278% |
| 366 | 15.779 | 15.760 | 15.822 | VV  | 10873                   | 208587  | 8.95%    | 0.609% |
| 367 | 15.855 | 15.822 | 15.881 | VV  | 4648                    | 80028   | 3.43%    | 0.234% |
| 368 | 15.898 | 15.881 | 15.907 | VV  | 2180                    | 24406   | 1.05%    | 0.071% |
| 369 | 15.938 | 15.907 | 15.956 | VV  | 4764                    | 91127   | 3.91%    | 0.266% |
| 370 | 15.973 | 15.956 | 15.997 | VV  | 5430                    | 67988   | 2.92%    | 0.199% |
| 371 | 16.045 | 15.997 | 16.080 | VV  | 9982                    | 180198  | 7.73%    | 0.526% |
| 372 | 16.109 | 16.080 | 16.133 | PV  | 1463                    | 26208   | 1.12%    | 0.077% |
| 373 | 16.150 | 16.133 | 16.179 | VV  | 2060                    | 31075   | 1.33%    | 0.091% |
| 374 | 16.226 | 16.179 | 16.244 | PV  | 8413                    | 153444  | 6.58%    | 0.448% |
| 375 | 16.252 | 16.244 | 16.265 | VV  | 3819                    | 39136   | 1.68%    | 0.114% |
| 376 | 16.286 | 16.265 | 16.303 | VV  | 6769                    | 90009   | 3.86%    | 0.263% |
| 377 | 16.337 | 16.303 | 16.372 | VV  | 13460                   | 276512  | 11.86%   | 0.808% |
| 378 | 16.424 | 16.372 | 16.457 | VV  | 18354                   | 414644  | 17.79%   | 1.211% |
| 379 | 16.502 | 16.457 | 16.517 | PV  | 104733                  | 1465047 | 62.86%   | 4.280% |
| 380 | 16.528 | 16.517 | 16.562 | VV  | 51673                   | 600286  | 25.76%   | 1.754% |
| 381 | 16.583 | 16.562 | 16.589 | PV  | 1349                    | 12819   | 0.55%    | 0.037% |
| 382 | 16.628 | 16.589 | 16.645 | VV  | 18694                   | 262387  | 11.26%   | 0.767% |
| 383 | 16.660 | 16.645 | 16.706 | VV  | 9765                    | 172894  | 7.42%    | 0.505% |
| 384 | 16.749 | 16.706 | 16.765 | PV  | 3359                    | 52908   | 2.27%    | 0.155% |
| 385 | 16.819 | 16.765 | 16.845 | VV  | 67843                   | 1096432 | 47.04%   | 3.203% |
| 386 | 16.877 | 16.845 | 16.924 | VV  | 74889                   | 971324  | 41.67%   | 2.838% |
| 387 | 16.979 | 16.924 | 17.000 | PBA | 15683                   | 211106  | 9.06%    | 0.617% |
|     |        |        |        |     | Sum of corrected areas: |         | 34226437 |        |

FF052722.M Tue May 31 16:22:13 2022