

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041625\  
Data File : FG015676.D  
Signal(s) : FID1A.ch  
Acq On : 16 Apr 2025 17:12  
Sample : Q1812-03  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG032725.M  
Title :

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         | 4.477       | 4.468        | 4.488      | PV       | 72             | 973          | 0.05%          | 0.016%        |
| 2         | 4.512       | 4.488        | 4.545      | VV       | 587            | 9214         | 0.51%          | 0.150%        |
| 3         | 4.551       | 4.545        | 4.563      | VV       | 264            | 2078         | 0.11%          | 0.034%        |
| 4         | 4.578       | 4.563        | 4.622      | VV       | 424            | 7102         | 0.39%          | 0.115%        |
| 5         | 4.634       | 4.622        | 4.649      | VV       | 248            | 2592         | 0.14%          | 0.042%        |
| 6         | 4.676       | 4.649        | 4.745      | VV       | 54251          | 653987       | 36.05%         | 10.619%       |
| 7         | 4.764       | 4.745        | 4.809      | VV       | 1342           | 35337        | 1.95%          | 0.574%        |
| 8         | 4.841       | 4.809        | 4.878      | VV       | 877            | 25224        | 1.39%          | 0.410%        |
| 9         | 4.897       | 4.878        | 4.925      | VV       | 1127           | 18247        | 1.01%          | 0.296%        |
| 10        | 4.936       | 4.925        | 4.956      | VV       | 455            | 7021         | 0.39%          | 0.114%        |
| 11        | 4.966       | 4.956        | 4.978      | VV       | 364            | 3953         | 0.22%          | 0.064%        |
| 12        | 4.994       | 4.978        | 5.016      | VV       | 333            | 6449         | 0.36%          | 0.105%        |
| 13        | 5.028       | 5.016        | 5.043      | VV       | 360            | 4269         | 0.24%          | 0.069%        |
| 14        | 5.046       | 5.043        | 5.077      | VV       | 329            | 4739         | 0.26%          | 0.077%        |
| 15        | 5.080       | 5.077        | 5.093      | VV       | 209            | 1952         | 0.11%          | 0.032%        |
| 16        | 5.103       | 5.093        | 5.115      | VV       | 253            | 2377         | 0.13%          | 0.039%        |
| 17        | 5.120       | 5.115        | 5.126      | VV       | 233            | 1234         | 0.07%          | 0.020%        |
| 18        | 5.136       | 5.126        | 5.148      | VV       | 286            | 2892         | 0.16%          | 0.047%        |
| 19        | 5.172       | 5.148        | 5.191      | VV       | 1384           | 22428        | 1.24%          | 0.364%        |
| 20        | 5.199       | 5.191        | 5.213      | VV       | 808            | 9220         | 0.51%          | 0.150%        |
| 21        | 5.219       | 5.213        | 5.259      | VV       | 698            | 11189        | 0.62%          | 0.182%        |
| 22        | 5.310       | 5.259        | 5.342      | VV       | 2211           | 37570        | 2.07%          | 0.610%        |
| 23        | 5.393       | 5.342        | 5.415      | VV       | 4383           | 70419        | 3.88%          | 1.143%        |
| 24        | 5.431       | 5.415        | 5.437      | VV       | 2181           | 20590        | 1.14%          | 0.334%        |
| 25        | 5.462       | 5.437        | 5.488      | VV       | 4274           | 84963        | 4.68%          | 1.380%        |
| 26        | 5.502       | 5.488        | 5.530      | VV       | 2236           | 36743        | 2.03%          | 0.597%        |
| 27        | 5.544       | 5.530        | 5.555      | VV       | 1159           | 14429        | 0.80%          | 0.234%        |
| 28        | 5.567       | 5.555        | 5.588      | VV       | 1253           | 17427        | 0.96%          | 0.283%        |
| 29        | 5.599       | 5.588        | 5.630      | VV       | 562            | 10101        | 0.56%          | 0.164%        |
| 30        | 5.652       | 5.630        | 5.665      | VV       | 2201           | 27355        | 1.51%          | 0.444%        |
| 31        | 5.672       | 5.665        | 5.695      | VV       | 1377           | 19758        | 1.09%          | 0.321%        |
| 32        | 5.711       | 5.695        | 5.759      | VV       | 1897           | 31532        | 1.74%          | 0.512%        |
| 33        | 5.782       | 5.759        | 5.789      | VV       | 3559           | 35374        | 1.95%          | 0.574%        |
| 34        | 5.799       | 5.789        | 5.824      | VV       | 4259           | 55381        | 3.05%          | 0.899%        |
| 35        | 5.847       | 5.824        | 5.872      | VV       | 2862           | 50503        | 2.78%          | 0.820%        |
| 36        | 5.877       | 5.872        | 5.897      | VV       | 1152           | 13412        | 0.74%          | 0.218%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.906 | 5.897 | 5.935 | VV | 865    | 16071 | 0.89% | 0.261% |
| 38 | 5.952 | 5.935 | 5.978 | VV | 1593   | 26354 | 1.45% | 0.428% |
| 39 | 5.992 | 5.978 | 5.999 | VV | 902    | 9372  | 0.52% | 0.152% |
| 40 | 6.012 | 5.999 | 6.051 | VV | 1104   | 22435 | 1.24% | 0.364% |
| 41 | 6.060 | 6.051 | 6.087 | VV | 487    | 8231  | 0.45% | 0.134% |
| 42 | 6.104 | 6.087 | 6.118 | VV | 370    | 5671  | 0.31% | 0.092% |
| 43 | 6.133 | 6.118 | 6.146 | VV | 370    | 5299  | 0.29% | 0.086% |
| 44 | 6.171 | 6.146 | 6.178 | VV | 587    | 7615  | 0.42% | 0.124% |
| 45 | 6.189 | 6.178 | 6.217 | VV | 850    | 12155 | 0.67% | 0.197% |
| 46 | 6.225 | 6.217 | 6.235 | VV | 359    | 3117  | 0.17% | 0.051% |
| 47 | 6.259 | 6.235 | 6.303 | VV | 707    | 21863 | 1.21% | 0.355% |
| 48 | 6.337 | 6.303 | 6.348 | VV | 888    | 16740 | 0.92% | 0.272% |
| 49 | 6.358 | 6.348 | 6.371 | VV | 979    | 11937 | 0.66% | 0.194% |
| 50 | 6.392 | 6.371 | 6.405 | VV | 1536   | 24376 | 1.34% | 0.396% |
| 51 | 6.427 | 6.405 | 6.450 | VV | 2071   | 41905 | 2.31% | 0.680% |
| 52 | 6.463 | 6.450 | 6.468 | VV | 1172   | 11209 | 0.62% | 0.182% |
| 53 | 6.490 | 6.468 | 6.510 | VV | 1951   | 36872 | 2.03% | 0.599% |
| 54 | 6.521 | 6.510 | 6.535 | VV | 1342   | 18116 | 1.00% | 0.294% |
| 55 | 6.552 | 6.535 | 6.608 | VV | 2030   | 48150 | 2.65% | 0.782% |
| 56 | 6.627 | 6.608 | 6.658 | VV | 1188   | 23989 | 1.32% | 0.389% |
| 57 | 6.697 | 6.658 | 6.752 | VV | 1471   | 53841 | 2.97% | 0.874% |
| 58 | 6.800 | 6.752 | 6.836 | VV | 1096   | 35946 | 1.98% | 0.584% |
| 59 | 6.849 | 6.836 | 6.859 | VV | 566    | 7427  | 0.41% | 0.121% |
| 60 | 6.862 | 6.859 | 6.885 | VV | 558    | 6947  | 0.38% | 0.113% |
| 61 | 6.889 | 6.885 | 6.895 | VV | 425    | 2324  | 0.13% | 0.038% |
| 62 | 6.899 | 6.895 | 6.911 | VV | 383    | 3260  | 0.18% | 0.053% |
| 63 | 6.924 | 6.911 | 6.935 | VV | 383    | 4804  | 0.26% | 0.078% |
| 64 | 6.939 | 6.935 | 6.947 | VV | 366    | 2095  | 0.12% | 0.034% |
| 65 | 6.973 | 6.947 | 7.017 | VV | 534    | 14696 | 0.81% | 0.239% |
| 66 | 7.023 | 7.017 | 7.062 | VV | 327    | 5151  | 0.28% | 0.084% |
| 67 | 7.085 | 7.062 | 7.097 | VV | 181    | 2635  | 0.15% | 0.043% |
| 68 | 7.101 | 7.097 | 7.123 | VV | 206    | 2273  | 0.13% | 0.037% |
| 69 | 7.130 | 7.123 | 7.146 | VV | 188    | 1858  | 0.10% | 0.030% |
| 70 | 7.160 | 7.146 | 7.168 | VV | 305    | 2832  | 0.16% | 0.046% |
| 71 | 7.171 | 7.168 | 7.179 | VV | 283    | 1417  | 0.08% | 0.023% |
| 72 | 7.182 | 7.179 | 7.192 | VV | 244    | 1574  | 0.09% | 0.026% |
| 73 | 7.198 | 7.192 | 7.206 | VV | 280    | 1957  | 0.11% | 0.032% |
| 74 | 7.210 | 7.206 | 7.225 | VV | 289    | 2959  | 0.16% | 0.048% |
| 75 | 7.241 | 7.225 | 7.255 | VV | 459    | 6489  | 0.36% | 0.105% |
| 76 | 7.262 | 7.255 | 7.310 | VV | 461    | 11609 | 0.64% | 0.188% |
| 77 | 7.333 | 7.310 | 7.346 | VV | 386    | 6683  | 0.37% | 0.109% |
| 78 | 7.350 | 7.346 | 7.372 | VV | 330    | 3643  | 0.20% | 0.059% |
| 79 | 7.380 | 7.372 | 7.393 | VV | 248    | 3048  | 0.17% | 0.049% |
| 80 | 7.409 | 7.393 | 7.439 | VV | 374    | 7759  | 0.43% | 0.126% |
| 81 | 7.443 | 7.439 | 7.455 | VV | 247    | 1866  | 0.10% | 0.030% |
| 82 | 7.476 | 7.455 | 7.502 | VV | 325    | 6156  | 0.34% | 0.100% |
| 83 | 7.524 | 7.502 | 7.533 | VV | 250    | 3499  | 0.19% | 0.057% |
| 84 | 7.540 | 7.533 | 7.561 | VV | 271    | 3224  | 0.18% | 0.052% |
| 85 | 7.567 | 7.561 | 7.573 | VV | 187    | 1165  | 0.06% | 0.019% |
| 86 | 7.578 | 7.573 | 7.587 | VV | 229    | 1530  | 0.08% | 0.025% |
| 87 | 7.619 | 7.587 | 7.628 | VV | 359    | 5822  | 0.32% | 0.095% |
| 88 | 7.637 | 7.628 | 7.668 | VV | 402    | 7946  | 0.44% | 0.129% |
| 89 | 7.669 | 7.668 | 7.681 | VV | 294    | 1945  | 0.11% | 0.032% |

|     |       |       |       |    |        |       |       |        |
|-----|-------|-------|-------|----|--------|-------|-------|--------|
|     |       |       |       |    | rteres |       |       |        |
| 90  | 7.686 | 7.681 | 7.700 | VV | 224    | 2020  | 0.11% | 0.033% |
| 91  | 7.704 | 7.700 | 7.718 | VV | 188    | 2048  | 0.11% | 0.033% |
| 92  | 7.723 | 7.718 | 7.735 | VV | 276    | 1980  | 0.11% | 0.032% |
| 93  | 7.753 | 7.735 | 7.767 | VV | 265    | 3883  | 0.21% | 0.063% |
| 94  | 7.774 | 7.767 | 7.783 | VV | 252    | 1561  | 0.09% | 0.025% |
| 95  | 7.789 | 7.783 | 7.820 | VV | 202    | 3340  | 0.18% | 0.054% |
| 96  | 7.823 | 7.820 | 7.845 | VV | 160    | 1607  | 0.09% | 0.026% |
| 97  | 7.875 | 7.845 | 7.908 | VV | 283    | 6787  | 0.37% | 0.110% |
| 98  | 7.924 | 7.908 | 7.978 | VV | 892    | 14082 | 0.78% | 0.229% |
| 99  | 7.999 | 7.978 | 8.017 | VV | 226    | 3920  | 0.22% | 0.064% |
| 100 | 8.022 | 8.017 | 8.025 | VV | 199    | 752   | 0.04% | 0.012% |
| 101 | 8.034 | 8.025 | 8.042 | VV | 228    | 1670  | 0.09% | 0.027% |
| 102 | 8.099 | 8.042 | 8.135 | VV | 1187   | 23998 | 1.32% | 0.390% |
| 103 | 8.162 | 8.135 | 8.185 | VV | 356    | 7633  | 0.42% | 0.124% |
| 104 | 8.191 | 8.185 | 8.197 | VV | 238    | 1477  | 0.08% | 0.024% |
| 105 | 8.211 | 8.197 | 8.227 | VV | 266    | 3315  | 0.18% | 0.054% |
| 106 | 8.231 | 8.227 | 8.240 | VV | 210    | 1350  | 0.07% | 0.022% |
| 107 | 8.243 | 8.240 | 8.251 | VV | 181    | 911   | 0.05% | 0.015% |
| 108 | 8.255 | 8.251 | 8.258 | VV | 176    | 630   | 0.03% | 0.010% |
| 109 | 8.262 | 8.258 | 8.277 | VV | 213    | 1649  | 0.09% | 0.027% |
| 110 | 8.288 | 8.277 | 8.301 | VV | 214    | 2206  | 0.12% | 0.036% |
| 111 | 8.313 | 8.301 | 8.326 | VV | 179    | 2038  | 0.11% | 0.033% |
| 112 | 8.329 | 8.326 | 8.355 | VV | 177    | 1997  | 0.11% | 0.032% |
| 113 | 8.359 | 8.355 | 8.368 | VV | 134    | 853   | 0.05% | 0.014% |
| 114 | 8.373 | 8.368 | 8.396 | VV | 87     | 982   | 0.05% | 0.016% |
| 115 | 8.401 | 8.396 | 8.416 | PV | 112    | 740   | 0.04% | 0.012% |
| 116 | 8.466 | 8.416 | 8.476 | VV | 403    | 9403  | 0.52% | 0.153% |
| 117 | 8.495 | 8.476 | 8.517 | VV | 743    | 13072 | 0.72% | 0.212% |
| 118 | 8.529 | 8.517 | 8.536 | VV | 442    | 4420  | 0.24% | 0.072% |
| 119 | 8.541 | 8.536 | 8.552 | VV | 416    | 3420  | 0.19% | 0.056% |
| 120 | 8.556 | 8.552 | 8.582 | VV | 350    | 4618  | 0.25% | 0.075% |
| 121 | 8.588 | 8.582 | 8.611 | VV | 231    | 2913  | 0.16% | 0.047% |
| 122 | 8.616 | 8.611 | 8.620 | VV | 173    | 768   | 0.04% | 0.012% |
| 123 | 8.624 | 8.620 | 8.636 | VV | 192    | 1437  | 0.08% | 0.023% |
| 124 | 8.653 | 8.636 | 8.702 | VB | 172    | 3710  | 0.20% | 0.060% |
| 125 | 8.723 | 8.703 | 8.728 | BV | 171    | 1039  | 0.06% | 0.017% |
| 126 | 8.732 | 8.728 | 8.745 | VV | 129    | 913   | 0.05% | 0.015% |
| 127 | 8.753 | 8.745 | 8.760 | VV | 172    | 880   | 0.05% | 0.014% |
| 128 | 8.803 | 8.760 | 8.871 | VV | 1388   | 38683 | 2.13% | 0.628% |
| 129 | 8.885 | 8.871 | 8.918 | VV | 520    | 8391  | 0.46% | 0.136% |
| 130 | 8.922 | 8.918 | 8.929 | VV | 175    | 841   | 0.05% | 0.014% |
| 131 | 8.933 | 8.929 | 8.938 | VV | 145    | 669   | 0.04% | 0.011% |
| 132 | 8.960 | 8.938 | 8.984 | VV | 379    | 6297  | 0.35% | 0.102% |
| 133 | 9.020 | 8.984 | 9.108 | VV | 2755   | 50371 | 2.78% | 0.818% |
| 134 | 9.120 | 9.108 | 9.148 | VV | 248    | 3736  | 0.21% | 0.061% |
| 135 | 9.151 | 9.148 | 9.156 | VV | 158    | 539   | 0.03% | 0.009% |
| 136 | 9.187 | 9.156 | 9.196 | VV | 193    | 2812  | 0.15% | 0.046% |
| 137 | 9.201 | 9.196 | 9.213 | VV | 232    | 1440  | 0.08% | 0.023% |
| 138 | 9.217 | 9.213 | 9.222 | VV | 124    | 483   | 0.03% | 0.008% |
| 139 | 9.231 | 9.222 | 9.238 | VV | 121    | 679   | 0.04% | 0.011% |
| 140 | 9.268 | 9.238 | 9.277 | VV | 260    | 3425  | 0.19% | 0.056% |
| 141 | 9.296 | 9.277 | 9.315 | VV | 498    | 6598  | 0.36% | 0.107% |

|     |        |        |        |    | rteres |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
| 142 | 9.319  | 9.315  | 9.346  | VV | 261    | 3113  | 0.17% | 0.051% |
| 143 | 9.353  | 9.346  | 9.358  | VV | 248    | 1550  | 0.09% | 0.025% |
| 144 | 9.362  | 9.358  | 9.376  | VV | 232    | 2265  | 0.12% | 0.037% |
| 145 | 9.380  | 9.376  | 9.411  | VV | 213    | 3465  | 0.19% | 0.056% |
| 146 | 9.418  | 9.411  | 9.433  | VV | 197    | 1681  | 0.09% | 0.027% |
| 147 | 9.436  | 9.433  | 9.443  | VV | 143    | 793   | 0.04% | 0.013% |
| 148 | 9.449  | 9.443  | 9.463  | VV | 146    | 1166  | 0.06% | 0.019% |
| 149 | 9.470  | 9.463  | 9.476  | VV | 100    | 628   | 0.03% | 0.010% |
| 150 | 9.478  | 9.476  | 9.482  | VV | 94     | 297   | 0.02% | 0.005% |
| 151 | 9.487  | 9.482  | 9.494  | VV | 116    | 502   | 0.03% | 0.008% |
| 152 | 9.519  | 9.494  | 9.527  | PV | 116    | 1420  | 0.08% | 0.023% |
| 153 | 9.555  | 9.527  | 9.562  | VV | 188    | 2515  | 0.14% | 0.041% |
| 154 | 9.568  | 9.562  | 9.593  | VV | 170    | 2061  | 0.11% | 0.033% |
| 155 | 9.595  | 9.593  | 9.604  | VV | 138    | 592   | 0.03% | 0.010% |
| 156 | 9.607  | 9.604  | 9.612  | VV | 124    | 357   | 0.02% | 0.006% |
| 157 | 9.615  | 9.612  | 9.620  | VV | 113    | 399   | 0.02% | 0.006% |
| 158 | 9.642  | 9.620  | 9.647  | VV | 219    | 2716  | 0.15% | 0.044% |
| 159 | 9.669  | 9.647  | 9.689  | VV | 450    | 7913  | 0.44% | 0.128% |
| 160 | 9.712  | 9.689  | 9.795  | VV | 1592   | 59532 | 3.28% | 0.967% |
| 161 | 9.823  | 9.795  | 9.878  | VV | 648    | 22766 | 1.25% | 0.370% |
| 162 | 9.881  | 9.878  | 9.893  | VV | 351    | 2326  | 0.13% | 0.038% |
| 163 | 9.900  | 9.893  | 9.909  | VV | 280    | 2112  | 0.12% | 0.034% |
| 164 | 9.914  | 9.909  | 9.919  | VV | 239    | 1174  | 0.06% | 0.019% |
| 165 | 9.925  | 9.919  | 9.939  | VV | 227    | 2137  | 0.12% | 0.035% |
| 166 | 9.974  | 9.939  | 9.997  | VV | 641    | 10707 | 0.59% | 0.174% |
| 167 | 10.009 | 9.997  | 10.021 | VV | 216    | 1929  | 0.11% | 0.031% |
| 168 | 10.025 | 10.021 | 10.030 | VV | 141    | 716   | 0.04% | 0.012% |
| 169 | 10.061 | 10.030 | 10.075 | VV | 303    | 5295  | 0.29% | 0.086% |
| 170 | 10.085 | 10.075 | 10.111 | VV | 297    | 4658  | 0.26% | 0.076% |
| 171 | 10.142 | 10.111 | 10.161 | VV | 421    | 7256  | 0.40% | 0.118% |
| 172 | 10.168 | 10.161 | 10.188 | VV | 265    | 2338  | 0.13% | 0.038% |
| 173 | 10.190 | 10.188 | 10.203 | VV | 186    | 959   | 0.05% | 0.016% |
| 174 | 10.210 | 10.203 | 10.218 | VV | 183    | 1079  | 0.06% | 0.018% |
| 175 | 10.219 | 10.218 | 10.222 | VV | 162    | 328   | 0.02% | 0.005% |
| 176 | 10.253 | 10.222 | 10.264 | VV | 352    | 5525  | 0.30% | 0.090% |
| 177 | 10.274 | 10.264 | 10.290 | VV | 403    | 5202  | 0.29% | 0.084% |
| 178 | 10.301 | 10.290 | 10.368 | VV | 400    | 10605 | 0.58% | 0.172% |
| 179 | 10.373 | 10.368 | 10.382 | VV | 139    | 888   | 0.05% | 0.014% |
| 180 | 10.389 | 10.382 | 10.394 | VV | 148    | 612   | 0.03% | 0.010% |
| 181 | 10.399 | 10.394 | 10.403 | PV | 83     | 322   | 0.02% | 0.005% |
| 182 | 10.409 | 10.403 | 10.443 | VV | 98     | 1696  | 0.09% | 0.028% |
| 183 | 10.480 | 10.443 | 10.502 | VV | 260    | 5420  | 0.30% | 0.088% |
| 184 | 10.507 | 10.502 | 10.515 | VV | 124    | 756   | 0.04% | 0.012% |
| 185 | 10.526 | 10.515 | 10.541 | VV | 219    | 2210  | 0.12% | 0.036% |
| 186 | 10.554 | 10.541 | 10.584 | VV | 212    | 3775  | 0.21% | 0.061% |
| 187 | 10.599 | 10.584 | 10.605 | VV | 197    | 2241  | 0.12% | 0.036% |
| 188 | 10.618 | 10.605 | 10.643 | VV | 285    | 4561  | 0.25% | 0.074% |
| 189 | 10.645 | 10.643 | 10.680 | VV | 200    | 2987  | 0.16% | 0.048% |
| 190 | 10.697 | 10.680 | 10.725 | VV | 243    | 3949  | 0.22% | 0.064% |
| 191 | 10.732 | 10.725 | 10.749 | VV | 165    | 1550  | 0.09% | 0.025% |
| 192 | 10.769 | 10.749 | 10.786 | VV | 340    | 5038  | 0.28% | 0.082% |
| 193 | 10.803 | 10.786 | 10.829 | VV | 349    | 6481  | 0.36% | 0.105% |
| 194 | 10.876 | 10.829 | 10.928 | VV | 668    | 21107 | 1.16% | 0.343% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 10.942 | 10.928 | 10.951 | VV | 273    | 3176   | 0.18%  | 0.052% |
| 196 | 10.957 | 10.951 | 10.961 | VV | 281    | 1344   | 0.07%  | 0.022% |
| 197 | 10.965 | 10.961 | 10.970 | VV | 224    | 897    | 0.05%  | 0.015% |
| 198 | 10.988 | 10.970 | 11.029 | VV | 369    | 9243   | 0.51%  | 0.150% |
| 199 | 11.031 | 11.029 | 11.062 | VV | 171    | 2744   | 0.15%  | 0.045% |
| 200 | 11.066 | 11.062 | 11.090 | VV | 179    | 2500   | 0.14%  | 0.041% |
| 201 | 11.104 | 11.090 | 11.116 | VV | 254    | 2606   | 0.14%  | 0.042% |
| 202 | 11.127 | 11.116 | 11.139 | VV | 199    | 1642   | 0.09%  | 0.027% |
| 203 | 11.153 | 11.139 | 11.166 | VV | 174    | 1740   | 0.10%  | 0.028% |
| 204 | 11.184 | 11.166 | 11.216 | VV | 644    | 14108  | 0.78%  | 0.229% |
| 205 | 11.221 | 11.216 | 11.257 | VV | 509    | 7897   | 0.44%  | 0.128% |
| 206 | 11.261 | 11.257 | 11.268 | VV | 273    | 1722   | 0.09%  | 0.028% |
| 207 | 11.275 | 11.268 | 11.296 | VV | 332    | 4243   | 0.23%  | 0.069% |
| 208 | 11.324 | 11.296 | 11.333 | VV | 453    | 8108   | 0.45%  | 0.132% |
| 209 | 11.338 | 11.333 | 11.383 | VV | 401    | 8953   | 0.49%  | 0.145% |
| 210 | 11.395 | 11.383 | 11.400 | VV | 255    | 2207   | 0.12%  | 0.036% |
| 211 | 11.411 | 11.400 | 11.421 | VV | 283    | 2868   | 0.16%  | 0.047% |
| 212 | 11.425 | 11.421 | 11.448 | VV | 262    | 2465   | 0.14%  | 0.040% |
| 213 | 11.462 | 11.448 | 11.468 | VV | 179    | 1392   | 0.08%  | 0.023% |
| 214 | 11.478 | 11.468 | 11.502 | VV | 160    | 2325   | 0.13%  | 0.038% |
| 215 | 11.523 | 11.502 | 11.550 | VV | 295    | 5520   | 0.30%  | 0.090% |
| 216 | 11.571 | 11.550 | 11.608 | VV | 940    | 15414  | 0.85%  | 0.250% |
| 217 | 11.611 | 11.608 | 11.616 | VV | 130    | 423    | 0.02%  | 0.007% |
| 218 | 11.676 | 11.616 | 11.710 | VV | 358    | 11499  | 0.63%  | 0.187% |
| 219 | 11.764 | 11.710 | 11.895 | VV | 25140  | 519266 | 28.62% | 8.431% |
| 220 | 11.905 | 11.895 | 11.923 | VV | 698    | 9157   | 0.50%  | 0.149% |
| 221 | 11.928 | 11.923 | 11.958 | VV | 466    | 7422   | 0.41%  | 0.121% |
| 222 | 11.972 | 11.958 | 11.991 | VV | 487    | 8114   | 0.45%  | 0.132% |
| 223 | 12.042 | 11.991 | 12.053 | VV | 630    | 17539  | 0.97%  | 0.285% |
| 224 | 12.069 | 12.053 | 12.110 | VV | 1775   | 26761  | 1.48%  | 0.435% |
| 225 | 12.126 | 12.110 | 12.132 | VV | 407    | 4278   | 0.24%  | 0.069% |
| 226 | 12.136 | 12.132 | 12.150 | VV | 390    | 3652   | 0.20%  | 0.059% |
| 227 | 12.156 | 12.150 | 12.179 | VV | 349    | 5077   | 0.28%  | 0.082% |
| 228 | 12.195 | 12.179 | 12.219 | VV | 349    | 6453   | 0.36%  | 0.105% |
| 229 | 12.228 | 12.219 | 12.256 | VV | 383    | 6433   | 0.35%  | 0.104% |
| 230 | 12.262 | 12.256 | 12.298 | VV | 329    | 5467   | 0.30%  | 0.089% |
| 231 | 12.315 | 12.298 | 12.336 | VV | 370    | 6142   | 0.34%  | 0.100% |
| 232 | 12.355 | 12.336 | 12.404 | VV | 694    | 12526  | 0.69%  | 0.203% |
| 233 | 12.407 | 12.404 | 12.435 | VV | 233    | 2670   | 0.15%  | 0.043% |
| 234 | 12.442 | 12.435 | 12.455 | VV | 137    | 935    | 0.05%  | 0.015% |
| 235 | 12.468 | 12.455 | 12.478 | VV | 152    | 1661   | 0.09%  | 0.027% |
| 236 | 12.513 | 12.478 | 12.572 | VV | 6839   | 122129 | 6.73%  | 1.983% |
| 237 | 12.576 | 12.572 | 12.619 | VV | 751    | 14620  | 0.81%  | 0.237% |
| 238 | 12.623 | 12.619 | 12.634 | VV | 374    | 2609   | 0.14%  | 0.042% |
| 239 | 12.640 | 12.634 | 12.648 | VV | 251    | 2052   | 0.11%  | 0.033% |
| 240 | 12.652 | 12.648 | 12.658 | VV | 252    | 1198   | 0.07%  | 0.019% |
| 241 | 12.668 | 12.658 | 12.688 | VV | 233    | 3214   | 0.18%  | 0.052% |
| 242 | 12.691 | 12.688 | 12.699 | VV | 235    | 1255   | 0.07%  | 0.020% |
| 243 | 12.703 | 12.699 | 12.710 | VV | 290    | 1535   | 0.08%  | 0.025% |
| 244 | 12.716 | 12.710 | 12.731 | VV | 261    | 3029   | 0.17%  | 0.049% |
| 245 | 12.750 | 12.731 | 12.805 | VV | 1128   | 18054  | 1.00%  | 0.293% |
| 246 | 12.808 | 12.805 | 12.814 | VV | 105    | 381    | 0.02%  | 0.006% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 247 | 12.822 | 12.814 | 12.826 | VV | 134    | 724   | 0.04% | 0.012% |
| 248 | 12.854 | 12.826 | 12.884 | VV | 641    | 9860  | 0.54% | 0.160% |
| 249 | 12.904 | 12.884 | 12.925 | VV | 336    | 4131  | 0.23% | 0.067% |
| 250 | 12.931 | 12.925 | 12.948 | PV | 73     | 766   | 0.04% | 0.012% |
| 251 | 12.966 | 12.948 | 13.001 | VV | 664    | 9664  | 0.53% | 0.157% |
| 252 | 13.018 | 13.001 | 13.024 | VV | 190    | 1970  | 0.11% | 0.032% |
| 253 | 13.044 | 13.024 | 13.091 | VV | 306    | 8664  | 0.48% | 0.141% |
| 254 | 13.110 | 13.091 | 13.143 | VV | 277    | 6434  | 0.35% | 0.104% |
| 255 | 13.159 | 13.143 | 13.172 | VV | 233    | 3076  | 0.17% | 0.050% |
| 256 | 13.182 | 13.172 | 13.215 | VV | 243    | 3791  | 0.21% | 0.062% |
| 257 | 13.254 | 13.215 | 13.298 | VV | 690    | 17173 | 0.95% | 0.279% |
| 258 | 13.325 | 13.298 | 13.336 | VV | 484    | 7966  | 0.44% | 0.129% |
| 259 | 13.340 | 13.336 | 13.344 | VV | 364    | 1629  | 0.09% | 0.026% |
| 260 | 13.349 | 13.344 | 13.380 | VV | 344    | 4636  | 0.26% | 0.075% |
| 261 | 13.386 | 13.380 | 13.410 | VV | 227    | 2497  | 0.14% | 0.041% |
| 262 | 13.429 | 13.410 | 13.446 | VV | 179    | 2849  | 0.16% | 0.046% |
| 263 | 13.471 | 13.446 | 13.499 | VV | 895    | 13778 | 0.76% | 0.224% |
| 264 | 13.530 | 13.499 | 13.542 | VV | 320    | 5064  | 0.28% | 0.082% |
| 265 | 13.547 | 13.542 | 13.551 | VV | 221    | 1043  | 0.06% | 0.017% |
| 266 | 13.589 | 13.551 | 13.637 | VV | 1627   | 30997 | 1.71% | 0.503% |
| 267 | 13.648 | 13.637 | 13.677 | VV | 439    | 6334  | 0.35% | 0.103% |
| 268 | 13.693 | 13.677 | 13.700 | VV | 209    | 2087  | 0.12% | 0.034% |
| 269 | 13.727 | 13.700 | 13.742 | VV | 773    | 12934 | 0.71% | 0.210% |
| 270 | 13.756 | 13.742 | 13.782 | VV | 742    | 12455 | 0.69% | 0.202% |
| 271 | 13.799 | 13.782 | 13.835 | VV | 822    | 12315 | 0.68% | 0.200% |
| 272 | 13.840 | 13.835 | 13.853 | VV | 94     | 714   | 0.04% | 0.012% |
| 273 | 13.865 | 13.853 | 13.885 | VV | 165    | 2165  | 0.12% | 0.035% |
| 274 | 13.926 | 13.885 | 13.954 | VV | 298    | 6807  | 0.38% | 0.111% |
| 275 | 13.966 | 13.954 | 13.986 | VV | 147    | 1696  | 0.09% | 0.028% |
| 276 | 14.006 | 13.986 | 14.022 | VV | 166    | 2084  | 0.11% | 0.034% |
| 277 | 14.033 | 14.022 | 14.038 | PV | 115    | 726   | 0.04% | 0.012% |
| 278 | 14.061 | 14.038 | 14.066 | VV | 206    | 2274  | 0.13% | 0.037% |
| 279 | 14.069 | 14.066 | 14.073 | VV | 147    | 530   | 0.03% | 0.009% |
| 280 | 14.100 | 14.073 | 14.128 | VV | 256    | 5711  | 0.31% | 0.093% |
| 281 | 14.153 | 14.128 | 14.179 | VV | 215    | 4470  | 0.25% | 0.073% |
| 282 | 14.214 | 14.179 | 14.242 | VV | 3920   | 49735 | 2.74% | 0.808% |
| 283 | 14.262 | 14.242 | 14.290 | VV | 381    | 8257  | 0.46% | 0.134% |
| 284 | 14.294 | 14.290 | 14.300 | VV | 189    | 1039  | 0.06% | 0.017% |
| 285 | 14.347 | 14.300 | 14.395 | VV | 409    | 12196 | 0.67% | 0.198% |
| 286 | 14.437 | 14.395 | 14.516 | VV | 1132   | 39071 | 2.15% | 0.634% |
| 287 | 14.521 | 14.516 | 14.524 | VV | 235    | 863   | 0.05% | 0.014% |
| 288 | 14.544 | 14.524 | 14.559 | VV | 606    | 7742  | 0.43% | 0.126% |
| 289 | 14.564 | 14.559 | 14.569 | VV | 131    | 713   | 0.04% | 0.012% |
| 290 | 14.582 | 14.569 | 14.589 | VV | 185    | 1694  | 0.09% | 0.028% |
| 291 | 14.592 | 14.589 | 14.619 | VV | 171    | 1655  | 0.09% | 0.027% |
| 292 | 14.623 | 14.619 | 14.632 | VV | 110    | 381   | 0.02% | 0.006% |
| 293 | 14.640 | 14.632 | 14.647 | PV | 91     | 450   | 0.02% | 0.007% |
| 294 | 14.670 | 14.647 | 14.722 | VV | 461    | 9356  | 0.52% | 0.152% |
| 295 | 14.752 | 14.722 | 14.764 | VV | 369    | 5486  | 0.30% | 0.089% |
| 296 | 14.767 | 14.764 | 14.791 | VV | 259    | 3209  | 0.18% | 0.052% |
| 297 | 14.816 | 14.791 | 14.854 | VV | 2336   | 35772 | 1.97% | 0.581% |
| 298 | 14.871 | 14.854 | 14.875 | VV | 239    | 2514  | 0.14% | 0.041% |
| 299 | 14.881 | 14.875 | 14.883 | VV | 247    | 1081  | 0.06% | 0.018% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 300 | 14.890 | 14.883 | 14.927 | VV | 279    | 5873    | 0.32%   | 0.095%  |
| 301 | 14.930 | 14.927 | 14.970 | VV | 300    | 5374    | 0.30%   | 0.087%  |
| 302 | 15.007 | 14.970 | 15.079 | VV | 131982 | 1814074 | 100.00% | 29.455% |
| 303 | 15.083 | 15.079 | 15.129 | VV | 441    | 8160    | 0.45%   | 0.132%  |
| 304 | 15.147 | 15.129 | 15.164 | VV | 431    | 6491    | 0.36%   | 0.105%  |
| 305 | 15.190 | 15.164 | 15.245 | VV | 1093   | 27996   | 1.54%   | 0.455%  |
| 306 | 15.250 | 15.245 | 15.260 | VV | 260    | 1852    | 0.10%   | 0.030%  |
| 307 | 15.267 | 15.260 | 15.271 | VV | 176    | 1144    | 0.06%   | 0.019%  |
| 308 | 15.277 | 15.271 | 15.284 | VV | 244    | 1356    | 0.07%   | 0.022%  |
| 309 | 15.314 | 15.284 | 15.339 | VV | 279    | 6353    | 0.35%   | 0.103%  |
| 310 | 15.344 | 15.339 | 15.352 | VV | 152    | 979     | 0.05%   | 0.016%  |
| 311 | 15.357 | 15.352 | 15.375 | VV | 153    | 1310    | 0.07%   | 0.021%  |
| 312 | 15.403 | 15.375 | 15.511 | VV | 12468  | 174525  | 9.62%   | 2.834%  |
| 313 | 15.530 | 15.511 | 15.556 | VV | 206    | 3101    | 0.17%   | 0.050%  |
| 314 | 15.583 | 15.556 | 15.587 | VV | 143    | 2047    | 0.11%   | 0.033%  |
| 315 | 15.599 | 15.587 | 15.604 | VV | 136    | 1149    | 0.06%   | 0.019%  |
| 316 | 15.627 | 15.604 | 15.640 | VV | 173    | 2575    | 0.14%   | 0.042%  |
| 317 | 15.645 | 15.640 | 15.668 | VV | 159    | 1461    | 0.08%   | 0.024%  |
| 318 | 15.687 | 15.668 | 15.692 | PV | 135    | 856     | 0.05%   | 0.014%  |
| 319 | 15.698 | 15.692 | 15.714 | VV | 71     | 617     | 0.03%   | 0.010%  |
| 320 | 15.749 | 15.714 | 15.777 | VV | 655    | 11958   | 0.66%   | 0.194%  |
| 321 | 15.782 | 15.777 | 15.802 | VV | 184    | 1783    | 0.10%   | 0.029%  |
| 322 | 15.811 | 15.802 | 15.815 | VV | 139    | 814     | 0.04%   | 0.013%  |
| 323 | 15.824 | 15.815 | 15.841 | VV | 154    | 1313    | 0.07%   | 0.021%  |
| 324 | 15.867 | 15.841 | 15.875 | PV | 266    | 3456    | 0.19%   | 0.056%  |
| 325 | 15.877 | 15.875 | 15.892 | VV | 240    | 1971    | 0.11%   | 0.032%  |
| 326 | 15.896 | 15.892 | 15.904 | VV | 280    | 1619    | 0.09%   | 0.026%  |
| 327 | 15.919 | 15.904 | 15.947 | VV | 439    | 5075    | 0.28%   | 0.082%  |
| 328 | 15.956 | 15.947 | 15.960 | VV | 182    | 1074    | 0.06%   | 0.017%  |
| 329 | 15.998 | 15.960 | 16.010 | VV | 467    | 8339    | 0.46%   | 0.135%  |
| 330 | 16.025 | 16.010 | 16.069 | VV | 414    | 8983    | 0.50%   | 0.146%  |
| 331 | 16.073 | 16.069 | 16.078 | VV | 106    | 446     | 0.02%   | 0.007%  |
| 332 | 16.087 | 16.078 | 16.092 | VV | 119    | 618     | 0.03%   | 0.010%  |
| 333 | 16.101 | 16.092 | 16.112 | VV | 111    | 888     | 0.05%   | 0.014%  |
| 334 | 16.115 | 16.112 | 16.125 | VV | 84     | 392     | 0.02%   | 0.006%  |
| 335 | 16.234 | 16.125 | 16.260 | VV | 640    | 11612   | 0.64%   | 0.189%  |
| 336 | 16.271 | 16.260 | 16.277 | VV | 162    | 1301    | 0.07%   | 0.021%  |
| 337 | 16.280 | 16.277 | 16.311 | VV | 154    | 2073    | 0.11%   | 0.034%  |
| 338 | 16.317 | 16.311 | 16.322 | VV | 139    | 518     | 0.03%   | 0.008%  |
| 339 | 16.326 | 16.322 | 16.329 | VV | 126    | 367     | 0.02%   | 0.006%  |
| 340 | 16.332 | 16.329 | 16.338 | VV | 123    | 486     | 0.03%   | 0.008%  |
| 341 | 16.349 | 16.338 | 16.355 | VV | 128    | 951     | 0.05%   | 0.015%  |
| 342 | 16.360 | 16.355 | 16.364 | VV | 132    | 601     | 0.03%   | 0.010%  |
| 343 | 16.368 | 16.364 | 16.393 | VV | 176    | 1730    | 0.10%   | 0.028%  |
| 344 | 16.406 | 16.393 | 16.415 | PV | 200    | 1592    | 0.09%   | 0.026%  |
| 345 | 16.419 | 16.415 | 16.437 | VV | 159    | 1665    | 0.09%   | 0.027%  |
| 346 | 16.451 | 16.437 | 16.455 | VV | 314    | 2586    | 0.14%   | 0.042%  |
| 347 | 16.462 | 16.455 | 16.495 | VV | 346    | 6020    | 0.33%   | 0.098%  |
| 348 | 16.515 | 16.495 | 16.539 | VV | 342    | 5885    | 0.32%   | 0.096%  |
| 349 | 16.557 | 16.539 | 16.565 | VV | 150    | 2040    | 0.11%   | 0.033%  |
| 350 | 16.598 | 16.565 | 16.610 | VV | 254    | 4509    | 0.25%   | 0.073%  |
| 351 | 16.612 | 16.610 | 16.616 | VV | 217    | 588     | 0.03%   | 0.010%  |

|     |        |        |        |    |                         |       |         |        |  |
|-----|--------|--------|--------|----|-------------------------|-------|---------|--------|--|
|     |        |        |        |    | rters                   |       |         |        |  |
| 352 | 16.625 | 16.616 | 16.647 | VV | 163                     | 2145  | 0.12%   | 0.035% |  |
| 353 | 16.651 | 16.647 | 16.654 | VV | 107                     | 331   | 0.02%   | 0.005% |  |
| 354 | 16.661 | 16.654 | 16.668 | VV | 126                     | 646   | 0.04%   | 0.010% |  |
| 355 | 16.686 | 16.668 | 16.690 | PV | 182                     | 1534  | 0.08%   | 0.025% |  |
| 356 | 16.750 | 16.690 | 16.783 | VV | 3785                    | 63054 | 3.48%   | 1.024% |  |
| 357 | 16.803 | 16.783 | 16.841 | VV | 879                     | 14874 | 0.82%   | 0.242% |  |
| 358 | 16.845 | 16.841 | 16.852 | VV | 175                     | 732   | 0.04%   | 0.012% |  |
| 359 | 16.876 | 16.852 | 16.914 | VV | 344                     | 8247  | 0.45%   | 0.134% |  |
| 360 | 16.939 | 16.914 | 16.965 | VV | 232                     | 4932  | 0.27%   | 0.080% |  |
| 361 | 17.005 | 16.965 | 17.027 | VV | 264                     | 5459  | 0.30%   | 0.089% |  |
| 362 | 17.081 | 17.027 | 17.124 | VV | 245                     | 7998  | 0.44%   | 0.130% |  |
| 363 | 17.187 | 17.124 | 17.232 | PV | 1571                    | 29795 | 1.64%   | 0.484% |  |
| 364 | 17.248 | 17.232 | 17.265 | VV | 180                     | 2173  | 0.12%   | 0.035% |  |
| 365 | 17.269 | 17.265 | 17.274 | VV | 43                      | 232   | 0.01%   | 0.004% |  |
| 366 | 17.281 | 17.274 | 17.286 | VV | 116                     | 491   | 0.03%   | 0.008% |  |
| 367 | 17.289 | 17.286 | 17.294 | PV | 88                      | 308   | 0.02%   | 0.005% |  |
| 368 | 17.341 | 17.294 | 17.355 | VV | 219                     | 4401  | 0.24%   | 0.071% |  |
| 369 | 17.366 | 17.355 | 17.371 | VV | 165                     | 1252  | 0.07%   | 0.020% |  |
| 370 | 17.378 | 17.371 | 17.384 | VV | 175                     | 957   | 0.05%   | 0.016% |  |
| 371 | 17.395 | 17.384 | 17.406 | VV | 199                     | 1915  | 0.11%   | 0.031% |  |
| 372 | 17.422 | 17.406 | 17.435 | VV | 225                     | 2992  | 0.16%   | 0.049% |  |
| 373 | 17.449 | 17.435 | 17.476 | VV | 245                     | 4281  | 0.24%   | 0.070% |  |
| 374 | 17.493 | 17.476 | 17.510 | VV | 173                     | 3194  | 0.18%   | 0.052% |  |
| 375 | 17.514 | 17.510 | 17.548 | VV | 232                     | 2823  | 0.16%   | 0.046% |  |
| 376 | 17.563 | 17.548 | 17.567 | VV | 117                     | 832   | 0.05%   | 0.014% |  |
| 377 | 17.577 | 17.567 | 17.584 | VV | 122                     | 713   | 0.04%   | 0.012% |  |
| 378 | 17.639 | 17.584 | 17.690 | VV | 1802                    | 28831 | 1.59%   | 0.468% |  |
| 379 | 17.720 | 17.690 | 17.726 | PV | 119                     | 1489  | 0.08%   | 0.024% |  |
| 380 | 17.760 | 17.726 | 17.769 | PV | 297                     | 5122  | 0.28%   | 0.083% |  |
| 381 | 17.778 | 17.769 | 17.825 | VV | 353                     | 6410  | 0.35%   | 0.104% |  |
| 382 | 17.848 | 17.825 | 17.862 | VV | 149                     | 1848  | 0.10%   | 0.030% |  |
| 383 | 17.868 | 17.862 | 17.872 | VV | 96                      | 344   | 0.02%   | 0.006% |  |
| 384 | 17.878 | 17.872 | 17.894 | VV | 89                      | 923   | 0.05%   | 0.015% |  |
| 385 | 17.911 | 17.894 | 17.918 | VV | 159                     | 1165  | 0.06%   | 0.019% |  |
| 386 | 17.926 | 17.918 | 17.939 | VV | 183                     | 1051  | 0.06%   | 0.017% |  |
| 387 | 17.964 | 17.939 | 17.975 | PV | 125                     | 405   | 0.02%   | 0.007% |  |
|     |        |        |        |    | Sum of corrected areas: |       | 6158885 |        |  |

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