

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082323AL\  
Data File : FF013320.D  
Signal(s) : FID2B.ch  
Acq On : 23 Aug 2023 21:10  
Sample : 04116-08  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M  
Title : GC Extractables

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         | 3.229       | 3.201        | 3.269      | BV       | 4852           | 58270        | 0.77%          | 0.051%        |
| 2         | 3.276       | 3.269        | 3.316      | VV       | 229            | 3295         | 0.04%          | 0.003%        |
| 3         | 3.328       | 3.316        | 3.344      | PV       | 52             | 673          | 0.01%          | 0.001%        |
| 4         | 3.395       | 3.344        | 3.408      | VV       | 194            | 3607         | 0.05%          | 0.003%        |
| 5         | 3.418       | 3.408        | 3.445      | VV       | 396            | 5168         | 0.07%          | 0.005%        |
| 6         | 3.462       | 3.445        | 3.488      | VV       | 470            | 6190         | 0.08%          | 0.005%        |
| 7         | 3.502       | 3.488        | 3.548      | VV       | 183            | 3250         | 0.04%          | 0.003%        |
| 8         | 3.562       | 3.548        | 3.595      | VV       | 97             | 1791         | 0.02%          | 0.002%        |
| 9         | 3.628       | 3.595        | 3.675      | VV       | 738            | 14887        | 0.20%          | 0.013%        |
| 10        | 3.708       | 3.675        | 3.728      | VV       | 1815           | 23333        | 0.31%          | 0.020%        |
| 11        | 3.750       | 3.728        | 3.805      | VV       | 5817           | 63471        | 0.84%          | 0.056%        |
| 12        | 3.814       | 3.805        | 3.828      | VV       | 93             | 869          | 0.01%          | 0.001%        |
| 13        | 3.866       | 3.828        | 3.902      | PV       | 4284           | 41747        | 0.55%          | 0.037%        |
| 14        | 3.957       | 3.902        | 3.977      | VV       | 552            | 9084         | 0.12%          | 0.008%        |
| 15        | 3.990       | 3.977        | 4.008      | VV       | 308            | 5057         | 0.07%          | 0.004%        |
| 16        | 4.025       | 4.008        | 4.054      | VV       | 1747           | 20659        | 0.27%          | 0.018%        |
| 17        | 4.076       | 4.054        | 4.100      | VV       | 752            | 10310        | 0.14%          | 0.009%        |
| 18        | 4.120       | 4.100        | 4.211      | VV       | 1235           | 18270        | 0.24%          | 0.016%        |
| 19        | 4.239       | 4.211        | 4.254      | VV       | 930            | 9973         | 0.13%          | 0.009%        |
| 20        | 4.269       | 4.254        | 4.288      | VV       | 814            | 11666        | 0.15%          | 0.010%        |
| 21        | 4.297       | 4.288        | 4.384      | VV       | 463            | 9519         | 0.13%          | 0.008%        |
| 22        | 4.396       | 4.384        | 4.409      | VV       | 161            | 1453         | 0.02%          | 0.001%        |
| 23        | 4.418       | 4.409        | 4.454      | VV       | 108            | 1762         | 0.02%          | 0.002%        |
| 24        | 4.537       | 4.454        | 4.549      | VV       | 252            | 5870         | 0.08%          | 0.005%        |
| 25        | 4.569       | 4.549        | 4.595      | VV       | 235            | 3621         | 0.05%          | 0.003%        |
| 26        | 4.608       | 4.595        | 4.645      | VV       | 182            | 3444         | 0.05%          | 0.003%        |
| 27        | 4.661       | 4.645        | 4.681      | VV       | 178            | 2624         | 0.03%          | 0.002%        |
| 28        | 4.699       | 4.681        | 4.735      | VV       | 381            | 5203         | 0.07%          | 0.005%        |
| 29        | 4.752       | 4.735        | 4.796      | VV       | 329            | 5475         | 0.07%          | 0.005%        |
| 30        | 4.817       | 4.796        | 4.834      | VV       | 223            | 3661         | 0.05%          | 0.003%        |
| 31        | 4.847       | 4.834        | 4.868      | VV       | 151            | 2159         | 0.03%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.885 | 4.868 | 4.911 | VV | 116    | 2183  | 0.03% | 0.002% |
| 33 | 4.974 | 4.911 | 4.993 | VV | 163    | 5681  | 0.07% | 0.005% |
| 34 | 5.025 | 4.993 | 5.055 | VV | 360    | 6994  | 0.09% | 0.006% |
| 35 | 5.060 | 5.055 | 5.070 | VV | 97     | 842   | 0.01% | 0.001% |
| 36 | 5.110 | 5.070 | 5.161 | VV | 989    | 15871 | 0.21% | 0.014% |
| 37 | 5.167 | 5.161 | 5.214 | VV | 157    | 3411  | 0.04% | 0.003% |
| 38 | 5.235 | 5.214 | 5.250 | VV | 286    | 3677  | 0.05% | 0.003% |
| 39 | 5.261 | 5.250 | 5.278 | VV | 236    | 2662  | 0.04% | 0.002% |
| 40 | 5.300 | 5.278 | 5.328 | VV | 313    | 4169  | 0.05% | 0.004% |
| 41 | 5.353 | 5.328 | 5.387 | VV | 140    | 2642  | 0.03% | 0.002% |
| 42 | 5.416 | 5.387 | 5.450 | VV | 119    | 2436  | 0.03% | 0.002% |
| 43 | 5.474 | 5.450 | 5.498 | VV | 449    | 5875  | 0.08% | 0.005% |
| 44 | 5.508 | 5.498 | 5.532 | VV | 135    | 1817  | 0.02% | 0.002% |
| 45 | 5.549 | 5.532 | 5.601 | PV | 170    | 3086  | 0.04% | 0.003% |
| 46 | 5.620 | 5.601 | 5.646 | VV | 132    | 1416  | 0.02% | 0.001% |
| 47 | 5.689 | 5.646 | 5.703 | PV | 191    | 4833  | 0.06% | 0.004% |
| 48 | 5.732 | 5.703 | 5.753 | VV | 245    | 4664  | 0.06% | 0.004% |
| 49 | 5.776 | 5.753 | 5.838 | VV | 537    | 9779  | 0.13% | 0.009% |
| 50 | 5.867 | 5.838 | 5.889 | VV | 294    | 5587  | 0.07% | 0.005% |
| 51 | 5.915 | 5.889 | 5.947 | VV | 159    | 4234  | 0.06% | 0.004% |
| 52 | 5.990 | 5.947 | 6.032 | VV | 170    | 5251  | 0.07% | 0.005% |
| 53 | 6.053 | 6.032 | 6.092 | VV | 136    | 3284  | 0.04% | 0.003% |
| 54 | 6.103 | 6.092 | 6.122 | VV | 103    | 1394  | 0.02% | 0.001% |
| 55 | 6.198 | 6.122 | 6.216 | VV | 142    | 4257  | 0.06% | 0.004% |
| 56 | 6.238 | 6.216 | 6.276 | VV | 1282   | 15262 | 0.20% | 0.013% |
| 57 | 6.284 | 6.276 | 6.311 | VV | 129    | 1697  | 0.02% | 0.001% |
| 58 | 6.321 | 6.311 | 6.345 | VV | 83     | 1135  | 0.01% | 0.001% |
| 59 | 6.354 | 6.345 | 6.385 | VV | 106    | 1381  | 0.02% | 0.001% |
| 60 | 6.416 | 6.385 | 6.449 | VV | 211    | 4336  | 0.06% | 0.004% |
| 61 | 6.494 | 6.449 | 6.510 | VV | 127    | 3080  | 0.04% | 0.003% |
| 62 | 6.538 | 6.510 | 6.571 | VV | 727    | 10283 | 0.14% | 0.009% |
| 63 | 6.593 | 6.571 | 6.634 | VV | 275    | 6769  | 0.09% | 0.006% |
| 64 | 6.643 | 6.634 | 6.673 | VV | 173    | 2746  | 0.04% | 0.002% |
| 65 | 6.699 | 6.673 | 6.732 | VV | 269    | 6500  | 0.09% | 0.006% |
| 66 | 6.742 | 6.732 | 6.759 | VV | 198    | 2905  | 0.04% | 0.003% |
| 67 | 6.778 | 6.759 | 6.827 | VV | 324    | 6759  | 0.09% | 0.006% |
| 68 | 6.853 | 6.827 | 6.915 | VV | 202    | 4904  | 0.06% | 0.004% |
| 69 | 6.930 | 6.915 | 6.952 | PV | 48     | 669   | 0.01% | 0.001% |
| 70 | 6.981 | 6.952 | 7.000 | VV | 107    | 2228  | 0.03% | 0.002% |
| 71 | 7.022 | 7.000 | 7.055 | VV | 131    | 2772  | 0.04% | 0.002% |
| 72 | 7.092 | 7.055 | 7.125 | VV | 361    | 5551  | 0.07% | 0.005% |
| 73 | 7.149 | 7.125 | 7.160 | VV | 221    | 3616  | 0.05% | 0.003% |
| 74 | 7.177 | 7.160 | 7.210 | VV | 759    | 10236 | 0.13% | 0.009% |
| 75 | 7.240 | 7.210 | 7.303 | VV | 675    | 14144 | 0.19% | 0.012% |
| 76 | 7.329 | 7.303 | 7.345 | VV | 255    | 4380  | 0.06% | 0.004% |
| 77 | 7.366 | 7.345 | 7.405 | VV | 296    | 6330  | 0.08% | 0.006% |
| 78 | 7.430 | 7.405 | 7.454 | VV | 640    | 8539  | 0.11% | 0.007% |
| 79 | 7.469 | 7.454 | 7.490 | VV | 77     | 1327  | 0.02% | 0.001% |

|     |        |        |        |    |      |       |       |        |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 80  | 7.513  | 7.490  | 7.530  | PV | 372  | 4508  | 0.06% | 0.004% |
| 81  | 7.543  | 7.530  | 7.570  | VV | 240  | 3161  | 0.04% | 0.003% |
| 82  | 7.592  | 7.570  | 7.608  | VV | 275  | 3583  | 0.05% | 0.003% |
| 83  | 7.657  | 7.608  | 7.695  | VV | 760  | 15424 | 0.20% | 0.014% |
| 84  | 7.712  | 7.695  | 7.740  | VV | 156  | 2236  | 0.03% | 0.002% |
| 85  | 7.758  | 7.740  | 7.795  | PV | 90   | 1694  | 0.02% | 0.001% |
| 86  | 7.822  | 7.795  | 7.838  | VV | 131  | 2036  | 0.03% | 0.002% |
| 87  | 7.854  | 7.838  | 7.868  | VV | 68   | 1149  | 0.02% | 0.001% |
| 88  | 7.871  | 7.868  | 7.921  | VV | 81   | 1706  | 0.02% | 0.001% |
| 89  | 8.053  | 8.035  | 8.091  | VV | 494  | 9631  | 0.13% | 0.008% |
| 90  | 8.097  | 8.091  | 8.150  | VV | 202  | 4525  | 0.06% | 0.004% |
| 91  | 8.179  | 8.150  | 8.189  | VV | 108  | 1559  | 0.02% | 0.001% |
| 92  | 8.227  | 8.189  | 8.236  | VV | 175  | 1925  | 0.03% | 0.002% |
| 93  | 8.259  | 8.236  | 8.281  | VV | 322  | 4510  | 0.06% | 0.004% |
| 94  | 8.294  | 8.281  | 8.312  | VV | 126  | 1523  | 0.02% | 0.001% |
| 95  | 8.347  | 8.312  | 8.379  | VV | 94   | 2718  | 0.04% | 0.002% |
| 96  | 8.414  | 8.379  | 8.438  | VV | 646  | 11559 | 0.15% | 0.010% |
| 97  | 8.451  | 8.438  | 8.468  | VV | 377  | 5086  | 0.07% | 0.004% |
| 98  | 8.491  | 8.468  | 8.511  | VV | 2144 | 28611 | 0.38% | 0.025% |
| 99  | 8.527  | 8.511  | 8.610  | VV | 993  | 19345 | 0.25% | 0.017% |
| 100 | 8.631  | 8.610  | 8.651  | VV | 403  | 6014  | 0.08% | 0.005% |
| 101 | 8.682  | 8.651  | 8.734  | VV | 894  | 15470 | 0.20% | 0.014% |
| 102 | 8.757  | 8.734  | 8.775  | VV | 328  | 4155  | 0.05% | 0.004% |
| 103 | 8.888  | 8.875  | 8.948  | VV | 755  | 18838 | 0.25% | 0.017% |
| 104 | 8.956  | 8.948  | 8.961  | VV | 277  | 1882  | 0.02% | 0.002% |
| 105 | 8.987  | 8.961  | 9.009  | VV | 591  | 12376 | 0.16% | 0.011% |
| 106 | 9.020  | 9.009  | 9.038  | VV | 500  | 7120  | 0.09% | 0.006% |
| 107 | 9.049  | 9.038  | 9.106  | VV | 450  | 12229 | 0.16% | 0.011% |
| 108 | 9.149  | 9.106  | 9.191  | VV | 443  | 11363 | 0.15% | 0.010% |
| 109 | 9.261  | 9.191  | 9.315  | VV | 1147 | 31985 | 0.42% | 0.028% |
| 110 | 9.354  | 9.315  | 9.379  | VV | 619  | 11790 | 0.16% | 0.010% |
| 111 | 9.401  | 9.379  | 9.427  | VV | 292  | 5671  | 0.07% | 0.005% |
| 112 | 9.439  | 9.427  | 9.472  | VV | 129  | 2551  | 0.03% | 0.002% |
| 113 | 9.490  | 9.472  | 9.517  | PV | 128  | 2017  | 0.03% | 0.002% |
| 114 | 9.543  | 9.517  | 9.566  | VV | 136  | 3376  | 0.04% | 0.003% |
| 115 | 9.577  | 9.566  | 9.597  | VV | 118  | 1744  | 0.02% | 0.002% |
| 116 | 9.672  | 9.597  | 9.705  | VV | 944  | 16543 | 0.22% | 0.014% |
| 117 | 9.722  | 9.705  | 9.731  | VV | 330  | 4427  | 0.06% | 0.004% |
| 118 | 9.739  | 9.731  | 9.805  | VV | 377  | 10569 | 0.14% | 0.009% |
| 119 | 9.821  | 9.805  | 9.842  | VV | 334  | 4668  | 0.06% | 0.004% |
| 120 | 9.869  | 9.842  | 9.901  | VV | 200  | 5913  | 0.08% | 0.005% |
| 121 | 9.914  | 9.901  | 9.933  | VV | 242  | 3224  | 0.04% | 0.003% |
| 122 | 9.965  | 9.933  | 9.981  | VV | 176  | 3968  | 0.05% | 0.003% |
| 123 | 9.989  | 9.981  | 10.028 | VV | 153  | 3655  | 0.05% | 0.003% |
| 124 | 10.065 | 10.028 | 10.085 | VV | 583  | 11223 | 0.15% | 0.010% |
| 125 | 10.100 | 10.085 | 10.114 | VV | 382  | 4550  | 0.06% | 0.004% |
| 126 | 10.134 | 10.114 | 10.197 | VV | 716  | 14250 | 0.19% | 0.012% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 10.237 | 10.197 | 10.266 | VV | 349    | 5935    | 0.08%  | 0.005% |
| 128 | 10.284 | 10.266 | 10.315 | VV | 191    | 3420    | 0.04%  | 0.003% |
| 129 | 10.335 | 10.315 | 10.364 | VV | 130    | 2423    | 0.03%  | 0.002% |
| 130 | 10.382 | 10.364 | 10.392 | PV | 177    | 1793    | 0.02%  | 0.002% |
| 131 | 10.399 | 10.392 | 10.414 | VV | 141    | 1441    | 0.02%  | 0.001% |
| 132 | 10.425 | 10.414 | 10.446 | VV | 178    | 2271    | 0.03%  | 0.002% |
| 133 | 10.468 | 10.446 | 10.501 | VV | 234    | 4083    | 0.05%  | 0.004% |
| 134 | 10.523 | 10.501 | 10.541 | VV | 323    | 5024    | 0.07%  | 0.004% |
| 135 | 10.558 | 10.541 | 10.587 | VV | 360    | 7120    | 0.09%  | 0.006% |
| 136 | 10.608 | 10.587 | 10.655 | VV | 258    | 6556    | 0.09%  | 0.006% |
| 137 | 10.673 | 10.655 | 10.694 | VV | 284    | 3674    | 0.05%  | 0.003% |
| 138 | 10.718 | 10.694 | 10.734 | VV | 218    | 3649    | 0.05%  | 0.003% |
| 139 | 10.769 | 10.734 | 10.781 | VV | 427    | 6702    | 0.09%  | 0.006% |
| 140 | 10.797 | 10.781 | 10.811 | VV | 338    | 5652    | 0.07%  | 0.005% |
| 141 | 10.825 | 10.811 | 10.852 | VV | 628    | 8378    | 0.11%  | 0.007% |
| 142 | 10.875 | 10.852 | 10.911 | VV | 667    | 12229   | 0.16%  | 0.011% |
| 143 | 10.968 | 10.911 | 10.988 | VV | 460    | 10975   | 0.14%  | 0.010% |
| 144 | 11.005 | 10.988 | 11.028 | VV | 249    | 3721    | 0.05%  | 0.003% |
| 145 | 11.121 | 11.028 | 11.173 | VV | 1655   | 36590   | 0.48%  | 0.032% |
| 146 | 11.197 | 11.173 | 11.232 | VV | 905    | 12825   | 0.17%  | 0.011% |
| 147 | 11.264 | 11.232 | 11.281 | VV | 174    | 3348    | 0.04%  | 0.003% |
| 148 | 11.317 | 11.281 | 11.365 | VV | 137    | 3806    | 0.05%  | 0.003% |
| 149 | 11.409 | 11.365 | 11.418 | PV | 164    | 1606    | 0.02%  | 0.001% |
| 150 | 11.431 | 11.418 | 11.451 | VV | 152    | 2465    | 0.03%  | 0.002% |
| 151 | 11.508 | 11.451 | 11.531 | VV | 529    | 9969    | 0.13%  | 0.009% |
| 152 | 11.546 | 11.531 | 11.560 | VV | 463    | 5965    | 0.08%  | 0.005% |
| 153 | 11.578 | 11.560 | 11.601 | VV | 749    | 11060   | 0.15%  | 0.010% |
| 154 | 11.651 | 11.601 | 11.695 | VV | 747    | 16109   | 0.21%  | 0.014% |
| 155 | 11.734 | 11.695 | 11.748 | PV | 196    | 3314    | 0.04%  | 0.003% |
| 156 | 11.768 | 11.748 | 11.795 | VV | 286    | 5459    | 0.07%  | 0.005% |
| 157 | 11.828 | 11.795 | 11.851 | VV | 742    | 11581   | 0.15%  | 0.010% |
| 158 | 11.893 | 11.851 | 11.940 | VV | 319805 | 3451680 | 45.41% | 3.025% |
| 159 | 11.956 | 11.940 | 11.973 | VV | 448    | 4939    | 0.06%  | 0.004% |
| 160 | 11.986 | 11.973 | 12.003 | VV | 241    | 3411    | 0.04%  | 0.003% |
| 161 | 12.050 | 12.003 | 12.088 | VV | 655    | 21668   | 0.29%  | 0.019% |
| 162 | 12.102 | 12.088 | 12.120 | VV | 481    | 5747    | 0.08%  | 0.005% |
| 163 | 12.142 | 12.120 | 12.161 | VV | 188    | 3332    | 0.04%  | 0.003% |
| 164 | 12.191 | 12.161 | 12.211 | VV | 461    | 8841    | 0.12%  | 0.008% |
| 165 | 12.248 | 12.211 | 12.271 | VV | 937    | 21337   | 0.28%  | 0.019% |
| 166 | 12.296 | 12.271 | 12.313 | VV | 992    | 15937   | 0.21%  | 0.014% |
| 167 | 12.334 | 12.313 | 12.370 | VV | 1395   | 21634   | 0.28%  | 0.019% |
| 168 | 12.396 | 12.370 | 12.441 | VV | 511    | 9533    | 0.13%  | 0.008% |
| 169 | 12.486 | 12.441 | 12.531 | PV | 18372  | 226230  | 2.98%  | 0.198% |
| 170 | 12.548 | 12.531 | 12.590 | VV | 506    | 12118   | 0.16%  | 0.011% |
| 171 | 12.611 | 12.590 | 12.628 | VV | 348    | 5020    | 0.07%  | 0.004% |
| 172 | 12.667 | 12.628 | 12.681 | VV | 287    | 6769    | 0.09%  | 0.006% |
| 173 | 12.695 | 12.681 | 12.721 | VV | 273    | 4850    | 0.06%  | 0.004% |
| 174 | 12.750 | 12.721 | 12.765 | VV | 215    | 4822    | 0.06%  | 0.004% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 175 | 12.804 | 12.765 | 12.815 | VV | rteres<br>1080 | 17144   | 0.23%  | 0.015% |
| 176 | 12.827 | 12.815 | 12.851 | VV | 1014           | 15985   | 0.21%  | 0.014% |
| 177 | 12.853 | 12.851 | 12.866 | VV | 541            | 4290    | 0.06%  | 0.004% |
| 178 | 12.885 | 12.866 | 12.908 | VV | 1337           | 18144   | 0.24%  | 0.016% |
| 179 | 12.939 | 12.908 | 12.975 | VV | 2716           | 34579   | 0.45%  | 0.030% |
| 180 | 13.006 | 12.975 | 13.056 | VV | 506            | 11878   | 0.16%  | 0.010% |
| 181 | 13.076 | 13.056 | 13.091 | PV | 266            | 3283    | 0.04%  | 0.003% |
| 182 | 13.122 | 13.091 | 13.160 | VV | 537            | 14276   | 0.19%  | 0.013% |
| 183 | 13.181 | 13.160 | 13.215 | VV | 938            | 12653   | 0.17%  | 0.011% |
| 184 | 13.238 | 13.215 | 13.268 | PV | 2465           | 30453   | 0.40%  | 0.027% |
| 185 | 13.331 | 13.268 | 13.361 | VV | 220947         | 2703121 | 35.56% | 2.369% |
| 186 | 13.372 | 13.361 | 13.389 | VV | 1217           | 13213   | 0.17%  | 0.012% |
| 187 | 13.408 | 13.389 | 13.421 | VV | 707            | 9311    | 0.12%  | 0.008% |
| 188 | 13.433 | 13.421 | 13.455 | VV | 634            | 8250    | 0.11%  | 0.007% |
| 189 | 13.504 | 13.455 | 13.525 | PV | 2236           | 35091   | 0.46%  | 0.031% |
| 190 | 13.554 | 13.525 | 13.607 | VV | 1441           | 34122   | 0.45%  | 0.030% |
| 191 | 13.660 | 13.607 | 13.681 | VV | 658            | 17628   | 0.23%  | 0.015% |
| 192 | 13.719 | 13.681 | 13.748 | VV | 7346           | 92329   | 1.21%  | 0.081% |
| 193 | 13.769 | 13.748 | 13.788 | VV | 879            | 13429   | 0.18%  | 0.012% |
| 194 | 13.825 | 13.788 | 13.851 | VV | 640            | 19209   | 0.25%  | 0.017% |
| 195 | 13.930 | 13.851 | 13.962 | PV | 582            | 21415   | 0.28%  | 0.019% |
| 196 | 14.033 | 13.962 | 14.056 | VV | 889            | 20806   | 0.27%  | 0.018% |
| 197 | 14.088 | 14.056 | 14.123 | VV | 3286           | 61372   | 0.81%  | 0.054% |
| 198 | 14.138 | 14.123 | 14.161 | VV | 744            | 10039   | 0.13%  | 0.009% |
| 199 | 14.241 | 14.161 | 14.267 | PV | 674            | 17163   | 0.23%  | 0.015% |
| 200 | 14.304 | 14.267 | 14.328 | VV | 790            | 15328   | 0.20%  | 0.013% |
| 201 | 14.360 | 14.328 | 14.374 | PV | 683            | 7995    | 0.11%  | 0.007% |
| 202 | 14.395 | 14.374 | 14.428 | VV | 1134           | 16565   | 0.22%  | 0.015% |
| 203 | 14.520 | 14.428 | 14.575 | PV | 1752           | 72871   | 0.96%  | 0.064% |
| 204 | 14.595 | 14.575 | 14.618 | VV | 1991           | 26830   | 0.35%  | 0.024% |
| 205 | 14.646 | 14.618 | 14.659 | VV | 1792           | 24011   | 0.32%  | 0.021% |
| 206 | 14.678 | 14.659 | 14.691 | VV | 1383           | 23618   | 0.31%  | 0.021% |
| 207 | 14.709 | 14.691 | 14.725 | VV | 1884           | 27721   | 0.36%  | 0.024% |
| 208 | 14.738 | 14.725 | 14.750 | VV | 745            | 10537   | 0.14%  | 0.009% |
| 209 | 14.768 | 14.750 | 14.781 | VV | 791            | 12607   | 0.17%  | 0.011% |
| 210 | 14.805 | 14.781 | 14.828 | VV | 1177           | 17080   | 0.22%  | 0.015% |
| 211 | 14.865 | 14.828 | 14.881 | PV | 833            | 14791   | 0.19%  | 0.013% |
| 212 | 14.902 | 14.881 | 14.921 | VV | 1471           | 22032   | 0.29%  | 0.019% |
| 213 | 14.933 | 14.921 | 14.957 | VV | 918            | 13906   | 0.18%  | 0.012% |
| 214 | 14.999 | 14.957 | 15.007 | VV | 221            | 6455    | 0.08%  | 0.006% |
| 215 | 15.049 | 15.007 | 15.088 | PV | 1400           | 36961   | 0.49%  | 0.032% |
| 216 | 15.112 | 15.088 | 15.130 | VV | 1561           | 25468   | 0.34%  | 0.022% |
| 217 | 15.158 | 15.130 | 15.173 | VV | 1629           | 30430   | 0.40%  | 0.027% |
| 218 | 15.186 | 15.173 | 15.214 | VV | 1235           | 15574   | 0.20%  | 0.014% |
| 219 | 15.233 | 15.214 | 15.240 | VV | 541            | 4699    | 0.06%  | 0.004% |
| 220 | 15.253 | 15.240 | 15.261 | VV | 576            | 4715    | 0.06%  | 0.004% |
| 221 | 15.282 | 15.261 | 15.303 | VV | 768            | 10634   | 0.14%  | 0.009% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.321 | 15.303 | 15.338 | VV | 1047   | 11867   | 0.16%  | 0.010% |
| 223 | 15.351 | 15.338 | 15.395 | VV | 1736   | 23459   | 0.31%  | 0.021% |
| 224 | 15.428 | 15.395 | 15.438 | PV | 392    | 1638    | 0.02%  | 0.001% |
| 225 | 15.480 | 15.438 | 15.493 | PV | 1188   | 18219   | 0.24%  | 0.016% |
| 226 | 15.595 | 15.493 | 15.654 | VV | 5069   | 168562  | 2.22%  | 0.148% |
| 227 | 15.705 | 15.654 | 15.731 | VV | 2348   | 40616   | 0.53%  | 0.036% |
| 228 | 15.842 | 15.731 | 15.863 | VV | 838    | 51056   | 0.67%  | 0.045% |
| 229 | 15.930 | 15.863 | 15.940 | VV | 1707   | 34685   | 0.46%  | 0.030% |
| 230 | 15.965 | 15.940 | 16.002 | VV | 1941   | 43778   | 0.58%  | 0.038% |
| 231 | 16.072 | 16.002 | 16.085 | VV | 1285   | 44143   | 0.58%  | 0.039% |
| 232 | 16.122 | 16.085 | 16.138 | VV | 1465   | 34035   | 0.45%  | 0.030% |
| 233 | 16.160 | 16.138 | 16.172 | VV | 1114   | 18104   | 0.24%  | 0.016% |
| 234 | 16.217 | 16.172 | 16.284 | VV | 2776   | 94862   | 1.25%  | 0.083% |
| 235 | 16.353 | 16.284 | 16.365 | VV | 928    | 31805   | 0.42%  | 0.028% |
| 236 | 16.413 | 16.365 | 16.440 | PV | 2262   | 61865   | 0.81%  | 0.054% |
| 237 | 16.492 | 16.440 | 16.523 | VV | 5440   | 112866  | 1.48%  | 0.099% |
| 238 | 16.551 | 16.523 | 16.568 | VV | 1845   | 32977   | 0.43%  | 0.029% |
| 239 | 16.602 | 16.568 | 16.623 | VV | 2188   | 32186   | 0.42%  | 0.028% |
| 240 | 16.687 | 16.623 | 16.730 | PV | 3616   | 97820   | 1.29%  | 0.086% |
| 241 | 16.789 | 16.730 | 16.805 | PV | 3670   | 58874   | 0.77%  | 0.052% |
| 242 | 16.830 | 16.805 | 16.842 | VV | 5423   | 81168   | 1.07%  | 0.071% |
| 243 | 16.852 | 16.842 | 16.876 | VV | 4209   | 55897   | 0.74%  | 0.049% |
| 244 | 16.903 | 16.876 | 16.925 | VV | 3245   | 45659   | 0.60%  | 0.040% |
| 245 | 16.970 | 16.925 | 17.005 | VV | 2951   | 75309   | 0.99%  | 0.066% |
| 246 | 17.053 | 17.005 | 17.078 | VV | 3535   | 96713   | 1.27%  | 0.085% |
| 247 | 17.208 | 17.078 | 17.238 | VV | 14766  | 655139  | 8.62%  | 0.574% |
| 248 | 17.263 | 17.238 | 17.278 | VV | 5383   | 111171  | 1.46%  | 0.097% |
| 249 | 17.373 | 17.278 | 17.384 | VV | 6740   | 335795  | 4.42%  | 0.294% |
| 250 | 17.408 | 17.384 | 17.419 | VV | 5877   | 118372  | 1.56%  | 0.104% |
| 251 | 17.426 | 17.419 | 17.438 | VV | 4718   | 50794   | 0.67%  | 0.045% |
| 252 | 17.475 | 17.438 | 17.525 | VV | 6196   | 252341  | 3.32%  | 0.221% |
| 253 | 17.548 | 17.525 | 17.563 | VV | 7883   | 137983  | 1.82%  | 0.121% |
| 254 | 17.581 | 17.563 | 17.617 | VV | 8147   | 212035  | 2.79%  | 0.186% |
| 255 | 17.650 | 17.617 | 17.665 | VV | 11256  | 218234  | 2.87%  | 0.191% |
| 256 | 17.682 | 17.665 | 17.702 | VV | 10010  | 174151  | 2.29%  | 0.153% |
| 257 | 17.730 | 17.702 | 17.754 | VV | 8783   | 214001  | 2.82%  | 0.188% |
| 258 | 17.784 | 17.754 | 17.801 | VV | 13225  | 262653  | 3.46%  | 0.230% |
| 259 | 17.812 | 17.801 | 17.858 | VV | 9628   | 231134  | 3.04%  | 0.203% |
| 260 | 17.952 | 17.858 | 17.968 | VV | 12395  | 491017  | 6.46%  | 0.430% |
| 261 | 18.048 | 17.968 | 18.075 | VV | 19543  | 846005  | 11.13% | 0.741% |
| 262 | 18.093 | 18.075 | 18.115 | VV | 9838   | 213194  | 2.80%  | 0.187% |
| 263 | 18.135 | 18.115 | 18.144 | VV | 8801   | 137894  | 1.81%  | 0.121% |
| 264 | 18.197 | 18.144 | 18.275 | VV | 18877  | 985437  | 12.96% | 0.864% |
| 265 | 18.293 | 18.275 | 18.303 | VV | 9398   | 142365  | 1.87%  | 0.125% |
| 266 | 18.427 | 18.303 | 18.476 | VV | 18593  | 1332201 | 17.53% | 1.168% |
| 267 | 18.523 | 18.476 | 18.534 | VV | 14876  | 450737  | 5.93%  | 0.395% |
| 268 | 18.559 | 18.534 | 18.598 | VV | 23310  | 690495  | 9.08%  | 0.605% |
| 269 | 18.635 | 18.598 | 18.648 | VV | 17545  | 482948  | 6.35%  | 0.423% |

|     |        |        |        |    |                 |         |         |        |
|-----|--------|--------|--------|----|-----------------|---------|---------|--------|
| 270 | 18.678 | 18.648 | 18.689 | VV | rteres<br>19297 | 418589  | 5.51%   | 0.367% |
| 271 | 18.708 | 18.689 | 18.745 | VV | 17516           | 545122  | 7.17%   | 0.478% |
| 272 | 18.794 | 18.745 | 18.818 | VV | 17825           | 741704  | 9.76%   | 0.650% |
| 273 | 18.829 | 18.818 | 18.834 | VV | 17276           | 150772  | 1.98%   | 0.132% |
| 274 | 18.882 | 18.834 | 18.914 | VV | 22779           | 925692  | 12.18%  | 0.811% |
| 275 | 18.940 | 18.914 | 18.953 | VV | 18219           | 393103  | 5.17%   | 0.345% |
| 276 | 18.984 | 18.953 | 19.005 | VV | 26580           | 646218  | 8.50%   | 0.566% |
| 277 | 19.033 | 19.005 | 19.067 | VV | 26587           | 812427  | 10.69%  | 0.712% |
| 278 | 19.080 | 19.067 | 19.086 | VV | 19741           | 203999  | 2.68%   | 0.179% |
| 279 | 19.161 | 19.086 | 19.185 | VV | 26181           | 1328185 | 17.47%  | 1.164% |
| 280 | 19.260 | 19.185 | 19.291 | VV | 28952           | 1591127 | 20.93%  | 1.394% |
| 281 | 19.322 | 19.291 | 19.335 | VV | 28156           | 716846  | 9.43%   | 0.628% |
| 282 | 19.386 | 19.335 | 19.413 | VV | 29525           | 1278221 | 16.82%  | 1.120% |
| 283 | 19.436 | 19.413 | 19.445 | VV | 29607           | 514747  | 6.77%   | 0.451% |
| 284 | 19.456 | 19.445 | 19.481 | VV | 30967           | 641736  | 8.44%   | 0.562% |
| 285 | 19.544 | 19.481 | 19.565 | VV | 34243           | 1538175 | 20.24%  | 1.348% |
| 286 | 19.585 | 19.565 | 19.595 | VV | 35440           | 614246  | 8.08%   | 0.538% |
| 287 | 19.614 | 19.595 | 19.630 | VV | 35729           | 737498  | 9.70%   | 0.646% |
| 288 | 19.698 | 19.630 | 19.723 | VV | 43683           | 2176279 | 28.63%  | 1.907% |
| 289 | 19.787 | 19.723 | 19.801 | VV | 46365           | 1941648 | 25.54%  | 1.702% |
| 290 | 19.812 | 19.801 | 19.828 | VV | 45514           | 708961  | 9.33%   | 0.621% |
| 291 | 19.881 | 19.828 | 19.908 | VV | 48300           | 2198196 | 28.92%  | 1.926% |
| 292 | 19.924 | 19.908 | 19.938 | VV | 47170           | 833883  | 10.97%  | 0.731% |
| 293 | 19.970 | 19.938 | 19.991 | VV | 54110           | 1582732 | 20.82%  | 1.387% |
| 294 | 20.018 | 19.991 | 20.038 | VV | 53897           | 1424567 | 18.74%  | 1.248% |
| 295 | 20.051 | 20.038 | 20.061 | VV | 51858           | 724049  | 9.53%   | 0.635% |
| 296 | 20.102 | 20.061 | 20.112 | VV | 57971           | 1701661 | 22.39%  | 1.491% |
| 297 | 20.129 | 20.112 | 20.137 | VV | 60767           | 876632  | 11.53%  | 0.768% |
| 298 | 20.153 | 20.137 | 20.165 | VV | 64770           | 1026320 | 13.50%  | 0.899% |
| 299 | 20.212 | 20.165 | 20.262 | VV | 66640           | 3687508 | 48.51%  | 3.232% |
| 300 | 20.285 | 20.262 | 20.296 | VV | 64440           | 1302187 | 17.13%  | 1.141% |
| 301 | 20.311 | 20.296 | 20.322 | VV | 64927           | 967080  | 12.72%  | 0.848% |
| 302 | 20.351 | 20.322 | 20.373 | VV | 62202           | 1890616 | 24.87%  | 1.657% |
| 303 | 20.406 | 20.373 | 20.421 | VV | 74166           | 1973532 | 25.96%  | 1.730% |
| 304 | 20.478 | 20.421 | 20.491 | VV | 78785           | 3190047 | 41.97%  | 2.796% |
| 305 | 20.510 | 20.491 | 20.529 | VV | 83748           | 1788824 | 23.53%  | 1.568% |
| 306 | 20.560 | 20.529 | 20.583 | VV | 81489           | 2580016 | 33.94%  | 2.261% |
| 307 | 20.611 | 20.583 | 20.658 | VV | 84458           | 3657571 | 48.12%  | 3.205% |
| 308 | 20.710 | 20.658 | 20.723 | VV | 90219           | 3291584 | 43.30%  | 2.885% |
| 309 | 20.747 | 20.723 | 20.781 | VV | 83579           | 2862952 | 37.67%  | 2.509% |
| 310 | 20.791 | 20.781 | 20.812 | VV | 77081           | 1369788 | 18.02%  | 1.200% |
| 311 | 20.821 | 20.812 | 20.834 | VV | 73539           | 948129  | 12.47%  | 0.831% |
| 312 | 20.879 | 20.834 | 20.911 | VV | 84507           | 3664853 | 48.22%  | 3.212% |
| 313 | 21.014 | 20.911 | 21.078 | VV | 81177           | 7601049 | 100.00% | 6.661% |
| 314 | 21.088 | 21.078 | 21.097 | VV | 61679           | 697099  | 9.17%   | 0.611% |
| 315 | 21.136 | 21.097 | 21.162 | VV | 65022           | 2416868 | 31.80%  | 2.118% |
| 316 | 21.171 | 21.162 | 21.179 | VV | 58859           | 606562  | 7.98%   | 0.532% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     | rteres                  |           |        |        |
| 317 | 21.226 | 21.179 | 21.250 | VV  | 63311                   | 2593518   | 34.12% | 2.273% |
| 318 | 21.288 | 21.250 | 21.298 | VV  | 64199                   | 1797158   | 23.64% | 1.575% |
| 319 | 21.310 | 21.298 | 21.393 | VV  | 64000                   | 3395449   | 44.67% | 2.976% |
| 320 | 21.403 | 21.393 | 21.421 | VV  | 55689                   | 919340    | 12.09% | 0.806% |
| 321 | 21.438 | 21.421 | 21.495 | VV  | 52344                   | 2196713   | 28.90% | 1.925% |
| 322 | 21.505 | 21.495 | 21.519 | VV  | 45426                   | 617566    | 8.12%  | 0.541% |
| 323 | 21.565 | 21.519 | 21.670 | VV  | 48785                   | 3527559   | 46.41% | 3.091% |
| 324 | 21.705 | 21.670 | 21.714 | VV  | 31785                   | 798963    | 10.51% | 0.700% |
| 325 | 21.760 | 21.714 | 21.780 | VV  | 36117                   | 1333952   | 17.55% | 1.169% |
| 326 | 21.800 | 21.780 | 21.828 | VV  | 32087                   | 817064    | 10.75% | 0.716% |
| 327 | 21.905 | 21.828 | 21.915 | VV  | 27019                   | 1314060   | 17.29% | 1.152% |
| 328 | 21.925 | 21.915 | 21.995 | VV  | 25495                   | 965039    | 12.70% | 0.846% |
| 329 | 22.089 | 21.995 | 22.201 | VBA | 16977                   | 1549895   | 20.39% | 1.358% |
|     |        |        |        |     | Sum of corrected areas: | 114105175 |        |        |

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