

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061623AR\  
Data File : FD045867.D  
Signal(s) : FID2B.ch  
Acq On : 17 Jun 2023 08:39  
Sample : 03256-03  
Misc :  
ALS Vial : 43 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.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         | 4.217       | 4.202        | 4.233      | BV       | 245            | 1656         | 0.02%          | 0.003%        |
| 2         | 4.250       | 4.233        | 4.270      | PV       | 545            | 5391         | 0.06%          | 0.010%        |
| 3         | 4.296       | 4.270        | 4.319      | PV       | 1896           | 19320        | 0.20%          | 0.036%        |
| 4         | 4.335       | 4.319        | 4.353      | VV       | 2569           | 22757        | 0.24%          | 0.042%        |
| 5         | 4.366       | 4.353        | 4.383      | VV       | 728            | 6315         | 0.07%          | 0.012%        |
| 6         | 4.397       | 4.383        | 4.421      | PV       | 1401           | 14395        | 0.15%          | 0.027%        |
| 7         | 4.441       | 4.421        | 4.455      | VV       | 4377           | 40592        | 0.42%          | 0.076%        |
| 8         | 4.464       | 4.455        | 4.479      | VV       | 1732           | 16392        | 0.17%          | 0.031%        |
| 9         | 4.501       | 4.479        | 4.510      | VV       | 1511           | 18298        | 0.19%          | 0.034%        |
| 10        | 4.520       | 4.510        | 4.535      | VV       | 1599           | 17291        | 0.18%          | 0.032%        |
| 11        | 4.549       | 4.535        | 4.573      | VV       | 2644           | 25898        | 0.27%          | 0.048%        |
| 12        | 4.578       | 4.573        | 4.594      | VV       | 385            | 2300         | 0.02%          | 0.004%        |
| 13        | 4.624       | 4.594        | 4.632      | PV       | 1727           | 16324        | 0.17%          | 0.030%        |
| 14        | 4.643       | 4.632        | 4.656      | VV       | 4041           | 37509        | 0.39%          | 0.070%        |
| 15        | 4.670       | 4.656        | 4.691      | VV       | 3111           | 37096        | 0.39%          | 0.069%        |
| 16        | 4.707       | 4.691        | 4.725      | VV       | 2774           | 30273        | 0.32%          | 0.056%        |
| 17        | 4.742       | 4.725        | 4.782      | VV       | 2559           | 35536        | 0.37%          | 0.066%        |
| 18        | 4.817       | 4.782        | 4.837      | VV       | 1327           | 16914        | 0.18%          | 0.031%        |
| 19        | 4.848       | 4.837        | 4.873      | VV       | 512            | 6424         | 0.07%          | 0.012%        |
| 20        | 4.882       | 4.873        | 4.888      | VV       | 448            | 2875         | 0.03%          | 0.005%        |
| 21        | 4.903       | 4.888        | 4.908      | VV       | 998            | 8221         | 0.09%          | 0.015%        |
| 22        | 4.926       | 4.908        | 4.962      | VV       | 6675           | 80896        | 0.84%          | 0.151%        |
| 23        | 4.983       | 4.962        | 4.994      | VV       | 2374           | 25010        | 0.26%          | 0.047%        |
| 24        | 5.005       | 4.994        | 5.021      | VV       | 2763           | 25687        | 0.27%          | 0.048%        |
| 25        | 5.035       | 5.021        | 5.051      | VV       | 644            | 7385         | 0.08%          | 0.014%        |
| 26        | 5.058       | 5.051        | 5.070      | VV       | 291            | 2346         | 0.02%          | 0.004%        |
| 27        | 5.084       | 5.070        | 5.100      | PV       | 644            | 6474         | 0.07%          | 0.012%        |
| 28        | 5.115       | 5.100        | 5.127      | VV       | 623            | 7696         | 0.08%          | 0.014%        |
| 29        | 5.143       | 5.127        | 5.166      | VV       | 4132           | 42043        | 0.44%          | 0.078%        |
| 30        | 5.196       | 5.166        | 5.206      | VV       | 894            | 13743        | 0.14%          | 0.026%        |
| 31        | 5.214       | 5.206        | 5.231      | VV       | 753            | 7305         | 0.08%          | 0.014%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 5.241 | 5.231 | 5.249 | PV | 273    | 1679   | 0.02% | 0.003% |
| 33 | 5.254 | 5.249 | 5.260 | VV | 240    | 1313   | 0.01% | 0.002% |
| 34 | 5.278 | 5.260 | 5.292 | VV | 755    | 9105   | 0.10% | 0.017% |
| 35 | 5.296 | 5.292 | 5.310 | VV | 609    | 5724   | 0.06% | 0.011% |
| 36 | 5.325 | 5.310 | 5.341 | VV | 2407   | 26146  | 0.27% | 0.049% |
| 37 | 5.367 | 5.341 | 5.386 | VV | 2348   | 36433  | 0.38% | 0.068% |
| 38 | 5.392 | 5.386 | 5.410 | VV | 494    | 4276   | 0.04% | 0.008% |
| 39 | 5.426 | 5.410 | 5.452 | VV | 973    | 11633  | 0.12% | 0.022% |
| 40 | 5.483 | 5.463 | 5.493 | VV | 596    | 5983   | 0.06% | 0.011% |
| 41 | 5.506 | 5.493 | 5.530 | VV | 823    | 11868  | 0.12% | 0.022% |
| 42 | 5.538 | 5.530 | 5.554 | VV | 677    | 5687   | 0.06% | 0.011% |
| 43 | 5.578 | 5.554 | 5.586 | VV | 353    | 5515   | 0.06% | 0.010% |
| 44 | 5.601 | 5.586 | 5.611 | VV | 1026   | 11154  | 0.12% | 0.021% |
| 45 | 5.619 | 5.611 | 5.639 | VV | 1061   | 11876  | 0.12% | 0.022% |
| 46 | 5.655 | 5.639 | 5.682 | VV | 1116   | 13811  | 0.14% | 0.026% |
| 47 | 5.693 | 5.682 | 5.722 | VV | 1038   | 12500  | 0.13% | 0.023% |
| 48 | 5.743 | 5.722 | 5.760 | VV | 1030   | 11906  | 0.12% | 0.022% |
| 49 | 5.777 | 5.760 | 5.805 | VV | 1018   | 13201  | 0.14% | 0.025% |
| 50 | 5.826 | 5.805 | 5.838 | VV | 539    | 7432   | 0.08% | 0.014% |
| 51 | 5.864 | 5.838 | 5.889 | VV | 14580  | 138046 | 1.44% | 0.257% |
| 52 | 5.911 | 5.889 | 5.940 | VV | 721    | 12763  | 0.13% | 0.024% |
| 53 | 5.962 | 5.940 | 5.980 | VV | 1224   | 11734  | 0.12% | 0.022% |
| 54 | 6.027 | 5.980 | 6.068 | VV | 919    | 19582  | 0.20% | 0.036% |
| 55 | 6.089 | 6.068 | 6.117 | VV | 576    | 11159  | 0.12% | 0.021% |
| 56 | 6.144 | 6.117 | 6.164 | VV | 1321   | 17355  | 0.18% | 0.032% |
| 57 | 6.184 | 6.164 | 6.199 | VV | 271    | 3512   | 0.04% | 0.007% |
| 58 | 6.219 | 6.211 | 6.247 | VV | 292    | 4396   | 0.05% | 0.008% |
| 59 | 6.256 | 6.247 | 6.283 | VV | 281    | 2846   | 0.03% | 0.005% |
| 60 | 6.302 | 6.283 | 6.329 | VV | 3405   | 37458  | 0.39% | 0.070% |
| 61 | 6.343 | 6.340 | 6.360 | VV | 263    | 2310   | 0.02% | 0.004% |
| 62 | 6.385 | 6.360 | 6.404 | VV | 1032   | 13437  | 0.14% | 0.025% |
| 63 | 6.418 | 6.404 | 6.432 | VV | 618    | 7369   | 0.08% | 0.014% |
| 64 | 6.451 | 6.432 | 6.470 | VV | 1460   | 16207  | 0.17% | 0.030% |
| 65 | 6.485 | 6.470 | 6.505 | VV | 619    | 7560   | 0.08% | 0.014% |
| 66 | 6.523 | 6.505 | 6.545 | VV | 927    | 8903   | 0.09% | 0.017% |
| 67 | 6.573 | 6.545 | 6.595 | PV | 519    | 6861   | 0.07% | 0.013% |
| 68 | 6.604 | 6.595 | 6.630 | VV | 414    | 3957   | 0.04% | 0.007% |
| 69 | 6.649 | 6.630 | 6.661 | VV | 262    | 3601   | 0.04% | 0.007% |
| 70 | 6.679 | 6.661 | 6.704 | VV | 1602   | 22256  | 0.23% | 0.041% |
| 71 | 6.715 | 6.704 | 6.722 | VV | 867    | 7482   | 0.08% | 0.014% |
| 72 | 6.737 | 6.722 | 6.756 | VV | 1930   | 22498  | 0.23% | 0.042% |
| 73 | 6.764 | 6.756 | 6.778 | VV | 517    | 5238   | 0.05% | 0.010% |
| 74 | 6.823 | 6.778 | 6.888 | VV | 3539   | 84536  | 0.88% | 0.157% |
| 75 | 6.912 | 6.888 | 6.957 | VV | 9363   | 107256 | 1.12% | 0.200% |
| 76 | 6.963 | 6.957 | 6.973 | VV | 369    | 3004   | 0.03% | 0.006% |
| 77 | 6.975 | 6.973 | 6.987 | VV | 276    | 1985   | 0.02% | 0.004% |
| 78 | 7.005 | 6.987 | 7.028 | VV | 3323   | 36824  | 0.38% | 0.069% |
| 79 | 7.046 | 7.028 | 7.064 | VV | 5834   | 57580  | 0.60% | 0.107% |

|     |       |       |       |    |                |         |         |         |
|-----|-------|-------|-------|----|----------------|---------|---------|---------|
| 80  | 7.082 | 7.064 | 7.105 | VV | rteres<br>3590 | 40610   | 0.42%   | 0.076%  |
| 81  | 7.127 | 7.105 | 7.149 | VV | 631            | 12055   | 0.13%   | 0.022%  |
| 82  | 7.156 | 7.149 | 7.169 | VV | 568            | 3622    | 0.04%   | 0.007%  |
| 83  | 7.191 | 7.169 | 7.202 | VV | 888            | 10209   | 0.11%   | 0.019%  |
| 84  | 7.230 | 7.202 | 7.250 | VV | 2069           | 34852   | 0.36%   | 0.065%  |
| 85  | 7.254 | 7.250 | 7.262 | VV | 328            | 1999    | 0.02%   | 0.004%  |
| 86  | 7.286 | 7.262 | 7.300 | VV | 770            | 12604   | 0.13%   | 0.023%  |
| 87  | 7.311 | 7.300 | 7.335 | VV | 783            | 7958    | 0.08%   | 0.015%  |
| 88  | 7.343 | 7.335 | 7.361 | PV | 226            | 1521    | 0.02%   | 0.003%  |
| 89  | 7.395 | 7.361 | 7.414 | VV | 421            | 7152    | 0.07%   | 0.013%  |
| 90  | 7.426 | 7.414 | 7.438 | VV | 404            | 3002    | 0.03%   | 0.006%  |
| 91  | 7.455 | 7.438 | 7.466 | VV | 459            | 6153    | 0.06%   | 0.011%  |
| 92  | 7.482 | 7.466 | 7.497 | VV | 1507           | 15931   | 0.17%   | 0.030%  |
| 93  | 7.529 | 7.497 | 7.572 | VV | 997021         | 9580550 | 100.00% | 17.836% |
| 94  | 7.577 | 7.572 | 7.595 | VV | 790            | 8626    | 0.09%   | 0.016%  |
| 95  | 7.634 | 7.595 | 7.673 | VV | 3410           | 58208   | 0.61%   | 0.108%  |
| 96  | 7.678 | 7.673 | 7.696 | VV | 496            | 4346    | 0.05%   | 0.008%  |
| 97  | 7.702 | 7.696 | 7.713 | VV | 351            | 2271    | 0.02%   | 0.004%  |
| 98  | 7.739 | 7.722 | 7.758 | VV | 387            | 4531    | 0.05%   | 0.008%  |
| 99  | 7.788 | 7.758 | 7.813 | PV | 2757           | 33916   | 0.35%   | 0.063%  |
| 100 | 7.824 | 7.813 | 7.829 | VV | 494            | 3697    | 0.04%   | 0.007%  |
| 101 | 7.839 | 7.829 | 7.859 | VV | 812            | 10088   | 0.11%   | 0.019%  |
| 102 | 7.885 | 7.859 | 7.893 | VV | 3051           | 32829   | 0.34%   | 0.061%  |
| 103 | 7.898 | 7.893 | 7.944 | VV | 2851           | 30752   | 0.32%   | 0.057%  |
| 104 | 8.003 | 7.944 | 8.018 | VV | 6242           | 84730   | 0.88%   | 0.158%  |
| 105 | 8.030 | 8.018 | 8.050 | VV | 3774           | 39016   | 0.41%   | 0.073%  |
| 106 | 8.087 | 8.050 | 8.125 | VV | 2750           | 47938   | 0.50%   | 0.089%  |
| 107 | 8.146 | 8.125 | 8.162 | VV | 2810           | 40102   | 0.42%   | 0.075%  |
| 108 | 8.184 | 8.162 | 8.222 | VV | 7905           | 105151  | 1.10%   | 0.196%  |
| 109 | 8.235 | 8.222 | 8.253 | VV | 580            | 7602    | 0.08%   | 0.014%  |
| 110 | 8.275 | 8.253 | 8.294 | VV | 1787           | 19941   | 0.21%   | 0.037%  |
| 111 | 8.320 | 8.294 | 8.341 | VV | 1158           | 16012   | 0.17%   | 0.030%  |
| 112 | 8.384 | 8.341 | 8.415 | VV | 638071         | 6352475 | 66.31%  | 11.826% |
| 113 | 8.438 | 8.415 | 8.457 | VV | 1917           | 38640   | 0.40%   | 0.072%  |
| 114 | 8.478 | 8.457 | 8.500 | VV | 12043          | 127096  | 1.33%   | 0.237%  |
| 115 | 8.528 | 8.500 | 8.559 | VV | 3234           | 60563   | 0.63%   | 0.113%  |
| 116 | 8.595 | 8.559 | 8.611 | VV | 2783           | 50398   | 0.53%   | 0.094%  |
| 117 | 8.623 | 8.611 | 8.662 | VV | 1720           | 39481   | 0.41%   | 0.074%  |
| 118 | 8.673 | 8.662 | 8.678 | VV | 836            | 7202    | 0.08%   | 0.013%  |
| 119 | 8.718 | 8.678 | 8.734 | VV | 3561           | 55999   | 0.58%   | 0.104%  |
| 120 | 8.749 | 8.734 | 8.770 | VV | 8738           | 91015   | 0.95%   | 0.169%  |
| 121 | 8.807 | 8.770 | 8.871 | VV | 52786          | 611550  | 6.38%   | 1.138%  |
| 122 | 8.888 | 8.871 | 8.905 | VV | 2812           | 39110   | 0.41%   | 0.073%  |
| 123 | 8.925 | 8.905 | 8.972 | VV | 4956           | 77745   | 0.81%   | 0.145%  |
| 124 | 8.993 | 8.972 | 9.017 | VV | 976            | 10972   | 0.11%   | 0.020%  |
| 125 | 9.042 | 9.017 | 9.059 | VV | 2757           | 31253   | 0.33%   | 0.058%  |
| 126 | 9.072 | 9.059 | 9.094 | VV | 2223           | 25835   | 0.27%   | 0.048%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 9.101  | 9.094  | 9.110  | VV | 717    | 5604    | 0.06%  | 0.010% |
| 128 | 9.122  | 9.110  | 9.140  | VV | 872    | 9408    | 0.10%  | 0.018% |
| 129 | 9.176  | 9.140  | 9.197  | VV | 2462   | 37026   | 0.39%  | 0.069% |
| 130 | 9.211  | 9.197  | 9.234  | VV | 964    | 14500   | 0.15%  | 0.027% |
| 131 | 9.256  | 9.234  | 9.304  | VV | 13995  | 171833  | 1.79%  | 0.320% |
| 132 | 9.337  | 9.304  | 9.352  | VV | 3257   | 40724   | 0.43%  | 0.076% |
| 133 | 9.372  | 9.352  | 9.388  | VV | 1500   | 27734   | 0.29%  | 0.052% |
| 134 | 9.407  | 9.388  | 9.426  | VV | 3810   | 48514   | 0.51%  | 0.090% |
| 135 | 9.438  | 9.426  | 9.449  | VV | 1641   | 17108   | 0.18%  | 0.032% |
| 136 | 9.466  | 9.449  | 9.487  | VV | 2753   | 35811   | 0.37%  | 0.067% |
| 137 | 9.537  | 9.487  | 9.562  | VV | 16022  | 185810  | 1.94%  | 0.346% |
| 138 | 9.578  | 9.562  | 9.595  | VV | 4250   | 50416   | 0.53%  | 0.094% |
| 139 | 9.601  | 9.595  | 9.648  | VV | 1480   | 32417   | 0.34%  | 0.060% |
| 140 | 9.678  | 9.648  | 9.723  | VV | 7331   | 103439  | 1.08%  | 0.193% |
| 141 | 9.740  | 9.723  | 9.765  | VV | 1343   | 24339   | 0.25%  | 0.045% |
| 142 | 9.779  | 9.765  | 9.792  | VV | 1124   | 13122   | 0.14%  | 0.024% |
| 143 | 9.818  | 9.792  | 9.831  | VV | 1318   | 20065   | 0.21%  | 0.037% |
| 144 | 9.843  | 9.831  | 9.859  | VV | 1087   | 14960   | 0.16%  | 0.028% |
| 145 | 9.864  | 9.859  | 9.895  | VV | 570    | 6763    | 0.07%  | 0.013% |
| 146 | 9.916  | 9.895  | 9.928  | PV | 417    | 6021    | 0.06%  | 0.011% |
| 147 | 9.949  | 9.928  | 9.968  | VV | 535    | 10223   | 0.11%  | 0.019% |
| 148 | 9.999  | 9.968  | 10.015 | VV | 1710   | 25308   | 0.26%  | 0.047% |
| 149 | 10.025 | 10.015 | 10.037 | VV | 793    | 8862    | 0.09%  | 0.016% |
| 150 | 10.073 | 10.037 | 10.083 | VV | 1063   | 23664   | 0.25%  | 0.044% |
| 151 | 10.132 | 10.083 | 10.155 | VV | 4458   | 93140   | 0.97%  | 0.173% |
| 152 | 10.171 | 10.155 | 10.219 | VV | 2865   | 51002   | 0.53%  | 0.095% |
| 153 | 10.250 | 10.219 | 10.282 | VV | 3482   | 70962   | 0.74%  | 0.132% |
| 154 | 10.300 | 10.282 | 10.335 | VV | 6442   | 93953   | 0.98%  | 0.175% |
| 155 | 10.361 | 10.335 | 10.378 | VV | 1655   | 33875   | 0.35%  | 0.063% |
| 156 | 10.384 | 10.378 | 10.398 | VV | 1429   | 14227   | 0.15%  | 0.026% |
| 157 | 10.420 | 10.398 | 10.433 | VV | 4308   | 57010   | 0.60%  | 0.106% |
| 158 | 10.452 | 10.433 | 10.473 | VV | 6752   | 98485   | 1.03%  | 0.183% |
| 159 | 10.482 | 10.473 | 10.489 | VV | 1898   | 16378   | 0.17%  | 0.030% |
| 160 | 10.502 | 10.489 | 10.517 | VV | 2254   | 28647   | 0.30%  | 0.053% |
| 161 | 10.547 | 10.517 | 10.566 | VV | 3296   | 56299   | 0.59%  | 0.105% |
| 162 | 10.582 | 10.566 | 10.600 | VV | 1301   | 20196   | 0.21%  | 0.038% |
| 163 | 10.614 | 10.600 | 10.622 | VV | 2068   | 20065   | 0.21%  | 0.037% |
| 164 | 10.647 | 10.622 | 10.694 | VV | 119539 | 1273194 | 13.29% | 2.370% |
| 165 | 10.720 | 10.694 | 10.764 | VV | 28209  | 309227  | 3.23%  | 0.576% |
| 166 | 10.780 | 10.764 | 10.813 | VV | 765    | 17402   | 0.18%  | 0.032% |
| 167 | 10.836 | 10.813 | 10.858 | VV | 1310   | 23021   | 0.24%  | 0.043% |
| 168 | 10.863 | 10.858 | 10.869 | VV | 558    | 3274    | 0.03%  | 0.006% |
| 169 | 10.873 | 10.869 | 10.894 | VV | 493    | 4881    | 0.05%  | 0.009% |
| 170 | 10.935 | 10.894 | 10.980 | VV | 6098   | 90268   | 0.94%  | 0.168% |
| 171 | 11.007 | 10.980 | 11.019 | PV | 1152   | 16379   | 0.17%  | 0.030% |
| 172 | 11.042 | 11.019 | 11.068 | VV | 2147   | 38483   | 0.40%  | 0.072% |
| 173 | 11.080 | 11.068 | 11.094 | VV | 1135   | 12763   | 0.13%  | 0.024% |
| 174 | 11.113 | 11.094 | 11.133 | VV | 2511   | 35725   | 0.37%  | 0.067% |

|     |        |        |        |    |                |         |        |         |
|-----|--------|--------|--------|----|----------------|---------|--------|---------|
| 175 | 11.165 | 11.133 | 11.175 | VV | rteres<br>2907 | 51336   | 0.54%  | 0.096%  |
| 176 | 11.186 | 11.175 | 11.214 | VV | 3974           | 46936   | 0.49%  | 0.087%  |
| 177 | 11.248 | 11.214 | 11.276 | VV | 2438           | 44114   | 0.46%  | 0.082%  |
| 178 | 11.296 | 11.276 | 11.318 | VV | 3121           | 41970   | 0.44%  | 0.078%  |
| 179 | 11.338 | 11.318 | 11.358 | VV | 1403           | 20247   | 0.21%  | 0.038%  |
| 180 | 11.374 | 11.358 | 11.382 | VV | 350            | 3775    | 0.04%  | 0.007%  |
| 181 | 11.423 | 11.382 | 11.460 | VV | 563391         | 6435445 | 67.17% | 11.981% |
| 182 | 11.475 | 11.460 | 11.505 | VV | 20211          | 226126  | 2.36%  | 0.421%  |
| 183 | 11.509 | 11.505 | 11.515 | VV | 707            | 3678    | 0.04%  | 0.007%  |
| 184 | 11.558 | 11.515 | 11.576 | VV | 16980          | 268208  | 2.80%  | 0.499%  |
| 185 | 11.592 | 11.576 | 11.606 | VV | 11279          | 128388  | 1.34%  | 0.239%  |
| 186 | 11.623 | 11.606 | 11.649 | VV | 14069          | 163308  | 1.70%  | 0.304%  |
| 187 | 11.670 | 11.649 | 11.682 | VV | 657            | 9022    | 0.09%  | 0.017%  |
| 188 | 11.702 | 11.682 | 11.723 | VV | 1104           | 14047   | 0.15%  | 0.026%  |
| 189 | 11.769 | 11.723 | 11.773 | VV | 2159           | 35078   | 0.37%  | 0.065%  |
| 190 | 11.796 | 11.773 | 11.813 | VV | 7367           | 100631  | 1.05%  | 0.187%  |
| 191 | 11.830 | 11.813 | 11.849 | VV | 7029           | 89308   | 0.93%  | 0.166%  |
| 192 | 11.864 | 11.849 | 11.890 | VV | 3349           | 45736   | 0.48%  | 0.085%  |
| 193 | 11.915 | 11.890 | 11.954 | VV | 11831          | 176409  | 1.84%  | 0.328%  |
| 194 | 11.975 | 11.954 | 11.992 | VV | 1950           | 35434   | 0.37%  | 0.066%  |
| 195 | 12.017 | 11.992 | 12.040 | VV | 3387           | 58932   | 0.62%  | 0.110%  |
| 196 | 12.058 | 12.040 | 12.080 | VV | 2284           | 36734   | 0.38%  | 0.068%  |
| 197 | 12.092 | 12.080 | 12.103 | VV | 977            | 10570   | 0.11%  | 0.020%  |
| 198 | 12.119 | 12.103 | 12.132 | VV | 1351           | 16181   | 0.17%  | 0.030%  |
| 199 | 12.161 | 12.132 | 12.173 | VV | 2547           | 43701   | 0.46%  | 0.081%  |
| 200 | 12.185 | 12.173 | 12.210 | VV | 2788           | 37538   | 0.39%  | 0.070%  |
| 201 | 12.231 | 12.210 | 12.242 | VV | 5407           | 62215   | 0.65%  | 0.116%  |
| 202 | 12.246 | 12.242 | 12.262 | VV | 4106           | 38704   | 0.40%  | 0.072%  |
| 203 | 12.283 | 12.262 | 12.318 | VV | 10052          | 154331  | 1.61%  | 0.287%  |
| 204 | 12.339 | 12.318 | 12.359 | VV | 12322          | 164250  | 1.71%  | 0.306%  |
| 205 | 12.373 | 12.359 | 12.388 | VV | 5117           | 73337   | 0.77%  | 0.137%  |
| 206 | 12.404 | 12.388 | 12.425 | VV | 7460           | 116034  | 1.21%  | 0.216%  |
| 207 | 12.452 | 12.425 | 12.507 | VV | 173367         | 1960470 | 20.46% | 3.650%  |
| 208 | 12.515 | 12.507 | 12.524 | VV | 311            | 1781    | 0.02%  | 0.003%  |
| 209 | 12.550 | 12.524 | 12.557 | PV | 1269           | 12783   | 0.13%  | 0.024%  |
| 210 | 12.585 | 12.557 | 12.602 | VV | 4334           | 68408   | 0.71%  | 0.127%  |
| 211 | 12.636 | 12.602 | 12.661 | VV | 5711           | 134157  | 1.40%  | 0.250%  |
| 212 | 12.669 | 12.661 | 12.714 | VV | 3519           | 78130   | 0.82%  | 0.145%  |
| 213 | 12.746 | 12.714 | 12.770 | VV | 147968         | 1599967 | 16.70% | 2.979%  |
| 214 | 12.793 | 12.770 | 12.819 | VV | 20011          | 346393  | 3.62%  | 0.645%  |
| 215 | 12.853 | 12.819 | 12.884 | VV | 137689         | 1819398 | 18.99% | 3.387%  |
| 216 | 12.889 | 12.884 | 12.894 | VV | 1916           | 12092   | 0.13%  | 0.023%  |
| 217 | 12.897 | 12.894 | 12.902 | VV | 1808           | 8081    | 0.08%  | 0.015%  |
| 218 | 12.920 | 12.902 | 12.944 | VV | 6127           | 83746   | 0.87%  | 0.156%  |
| 219 | 12.954 | 12.944 | 12.975 | VV | 1515           | 17069   | 0.18%  | 0.032%  |
| 220 | 13.013 | 12.975 | 13.035 | PV | 8646           | 126874  | 1.32%  | 0.236%  |
| 221 | 13.045 | 13.035 | 13.057 | VV | 3430           | 39837   | 0.42%  | 0.074%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 13.077 | 13.057 | 13.119 | VV | 8398   | 141073  | 1.47%  | 0.263% |
| 223 | 13.142 | 13.119 | 13.161 | VV | 6193   | 80501   | 0.84%  | 0.150% |
| 224 | 13.203 | 13.161 | 13.232 | VV | 10702  | 204040  | 2.13%  | 0.380% |
| 225 | 13.248 | 13.232 | 13.275 | VV | 2769   | 46333   | 0.48%  | 0.086% |
| 226 | 13.331 | 13.275 | 13.361 | VV | 24313  | 398859  | 4.16%  | 0.743% |
| 227 | 13.365 | 13.361 | 13.373 | VV | 1073   | 6754    | 0.07%  | 0.013% |
| 228 | 13.402 | 13.373 | 13.416 | VV | 3002   | 41516   | 0.43%  | 0.077% |
| 229 | 13.439 | 13.416 | 13.458 | VV | 12670  | 170407  | 1.78%  | 0.317% |
| 230 | 13.476 | 13.458 | 13.499 | VV | 13209  | 159871  | 1.67%  | 0.298% |
| 231 | 13.518 | 13.499 | 13.538 | VV | 4389   | 68313   | 0.71%  | 0.127% |
| 232 | 13.604 | 13.538 | 13.625 | VV | 14176  | 297223  | 3.10%  | 0.553% |
| 233 | 13.645 | 13.625 | 13.695 | VV | 9403   | 143002  | 1.49%  | 0.266% |
| 234 | 13.721 | 13.695 | 13.739 | VV | 2211   | 37140   | 0.39%  | 0.069% |
| 235 | 13.749 | 13.739 | 13.776 | VV | 1361   | 21775   | 0.23%  | 0.041% |
| 236 | 13.788 | 13.776 | 13.795 | VV | 934    | 8678    | 0.09%  | 0.016% |
| 237 | 13.818 | 13.795 | 13.838 | VV | 1260   | 23335   | 0.24%  | 0.043% |
| 238 | 13.855 | 13.838 | 13.865 | VV | 1056   | 11443   | 0.12%  | 0.021% |
| 239 | 13.872 | 13.865 | 13.893 | VV | 606    | 6306    | 0.07%  | 0.012% |
| 240 | 13.914 | 13.893 | 13.928 | PV | 849    | 8747    | 0.09%  | 0.016% |
| 241 | 13.946 | 13.928 | 13.960 | VV | 754    | 9466    | 0.10%  | 0.018% |
| 242 | 13.970 | 13.960 | 13.982 | VV | 596    | 5527    | 0.06%  | 0.010% |
| 243 | 14.029 | 13.982 | 14.040 | VV | 6638   | 123592  | 1.29%  | 0.230% |
| 244 | 14.058 | 14.040 | 14.087 | VV | 14445  | 203802  | 2.13%  | 0.379% |
| 245 | 14.162 | 14.087 | 14.196 | VV | 4619   | 149468  | 1.56%  | 0.278% |
| 246 | 14.235 | 14.196 | 14.257 | VV | 10618  | 198148  | 2.07%  | 0.369% |
| 247 | 14.263 | 14.257 | 14.277 | VV | 3462   | 34729   | 0.36%  | 0.065% |
| 248 | 14.299 | 14.277 | 14.321 | VV | 22518  | 278957  | 2.91%  | 0.519% |
| 249 | 14.358 | 14.321 | 14.401 | VV | 11065  | 218843  | 2.28%  | 0.407% |
| 250 | 14.428 | 14.401 | 14.444 | VV | 2733   | 51569   | 0.54%  | 0.096% |
| 251 | 14.481 | 14.444 | 14.524 | VV | 4472   | 117512  | 1.23%  | 0.219% |
| 252 | 14.536 | 14.524 | 14.545 | VV | 1238   | 13377   | 0.14%  | 0.025% |
| 253 | 14.559 | 14.545 | 14.575 | VV | 1807   | 24247   | 0.25%  | 0.045% |
| 254 | 14.608 | 14.575 | 14.628 | VV | 73030  | 873076  | 9.11%  | 1.625% |
| 255 | 14.649 | 14.628 | 14.685 | VV | 76630  | 1027055 | 10.72% | 1.912% |
| 256 | 14.700 | 14.685 | 14.727 | VV | 5072   | 75418   | 0.79%  | 0.140% |
| 257 | 14.767 | 14.727 | 14.792 | VV | 14741  | 240684  | 2.51%  | 0.448% |
| 258 | 14.808 | 14.792 | 14.826 | VV | 3524   | 53122   | 0.55%  | 0.099% |
| 259 | 14.847 | 14.826 | 14.880 | VV | 4381   | 69649   | 0.73%  | 0.130% |
| 260 | 14.910 | 14.880 | 14.930 | PV | 5397   | 93342   | 0.97%  | 0.174% |
| 261 | 14.942 | 14.930 | 14.959 | VV | 5308   | 70619   | 0.74%  | 0.131% |
| 262 | 14.966 | 14.959 | 14.980 | VV | 2592   | 25641   | 0.27%  | 0.048% |
| 263 | 14.987 | 14.980 | 15.003 | VV | 1283   | 10619   | 0.11%  | 0.020% |
| 264 | 15.051 | 15.003 | 15.064 | VV | 3804   | 64865   | 0.68%  | 0.121% |
| 265 | 15.084 | 15.064 | 15.095 | VV | 3445   | 56135   | 0.59%  | 0.105% |
| 266 | 15.110 | 15.095 | 15.159 | VV | 4581   | 79261   | 0.83%  | 0.148% |
| 267 | 15.196 | 15.159 | 15.207 | VV | 7739   | 114070  | 1.19%  | 0.212% |
| 268 | 15.230 | 15.207 | 15.255 | VV | 28564  | 401956  | 4.20%  | 0.748% |
| 269 | 15.278 | 15.255 | 15.298 | VV | 18970  | 250412  | 2.61%  | 0.466% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 15.314 | 15.298 | 15.339 | VV | rteres<br>8040 | 118510  | 1.24%  | 0.221% |
| 271 | 15.355 | 15.339 | 15.370 | VV | 3582           | 48963   | 0.51%  | 0.091% |
| 272 | 15.417 | 15.370 | 15.425 | VV | 8148           | 139009  | 1.45%  | 0.259% |
| 273 | 15.437 | 15.425 | 15.480 | VV | 9270           | 161065  | 1.68%  | 0.300% |
| 274 | 15.518 | 15.480 | 15.540 | VV | 4232           | 86670   | 0.90%  | 0.161% |
| 275 | 15.562 | 15.540 | 15.580 | VV | 1959           | 38286   | 0.40%  | 0.071% |
| 276 | 15.600 | 15.580 | 15.616 | VV | 4491           | 65307   | 0.68%  | 0.122% |
| 277 | 15.629 | 15.616 | 15.654 | VV | 2918           | 41723   | 0.44%  | 0.078% |
| 278 | 15.669 | 15.654 | 15.682 | VV | 2637           | 33217   | 0.35%  | 0.062% |
| 279 | 15.709 | 15.682 | 15.734 | VV | 4169           | 86677   | 0.90%  | 0.161% |
| 280 | 15.772 | 15.734 | 15.797 | VV | 2063           | 42098   | 0.44%  | 0.078% |
| 281 | 15.805 | 15.797 | 15.819 | VV | 1046           | 9027    | 0.09%  | 0.017% |
| 282 | 15.834 | 15.819 | 15.839 | PV | 362            | 2295    | 0.02%  | 0.004% |
| 283 | 15.878 | 15.839 | 15.897 | VV | 5269           | 84301   | 0.88%  | 0.157% |
| 284 | 15.910 | 15.897 | 15.925 | VV | 2471           | 27676   | 0.29%  | 0.052% |
| 285 | 15.948 | 15.925 | 15.954 | VV | 1377           | 18842   | 0.20%  | 0.035% |
| 286 | 15.983 | 15.954 | 16.005 | VV | 3370           | 65829   | 0.69%  | 0.123% |
| 287 | 16.021 | 16.005 | 16.029 | VV | 2073           | 24753   | 0.26%  | 0.046% |
| 288 | 16.034 | 16.029 | 16.055 | VV | 1993           | 25741   | 0.27%  | 0.048% |
| 289 | 16.079 | 16.055 | 16.107 | VV | 6948           | 107247  | 1.12%  | 0.200% |
| 290 | 16.153 | 16.107 | 16.171 | PV | 75365          | 1072044 | 11.19% | 1.996% |
| 291 | 16.181 | 16.171 | 16.224 | VV | 32977          | 383696  | 4.00%  | 0.714% |
| 292 | 16.238 | 16.224 | 16.246 | VV | 1408           | 14594   | 0.15%  | 0.027% |
| 293 | 16.280 | 16.246 | 16.302 | VV | 15884          | 239403  | 2.50%  | 0.446% |
| 294 | 16.318 | 16.302 | 16.367 | VV | 5826           | 110549  | 1.15%  | 0.206% |
| 295 | 16.401 | 16.367 | 16.422 | VV | 3392           | 65495   | 0.68%  | 0.122% |
| 296 | 16.469 | 16.422 | 16.497 | VV | 55757          | 808042  | 8.43%  | 1.504% |
| 297 | 16.527 | 16.497 | 16.584 | VV | 61261          | 789442  | 8.24%  | 1.470% |
| 298 | 16.627 | 16.584 | 16.660 | VV | 17253          | 277634  | 2.90%  | 0.517% |
| 299 | 16.675 | 16.660 | 16.682 | VV | 3829           | 48085   | 0.50%  | 0.090% |
| 300 | 16.701 | 16.682 | 16.719 | VV | 8202           | 127611  | 1.33%  | 0.238% |
| 301 | 16.733 | 16.719 | 16.752 | VV | 5388           | 87098   | 0.91%  | 0.162% |
| 302 | 16.770 | 16.752 | 16.809 | VV | 5337           | 120734  | 1.26%  | 0.225% |
| 303 | 16.832 | 16.809 | 16.853 | VV | 2634           | 47207   | 0.49%  | 0.088% |
| 304 | 16.895 | 16.853 | 16.919 | VV | 9143           | 197505  | 2.06%  | 0.368% |
| 305 | 16.932 | 16.919 | 16.956 | VV | 4292           | 74225   | 0.77%  | 0.138% |
| 306 | 16.987 | 16.956 | 16.999 | VV | 2834           | 63863   | 0.67%  | 0.119% |
| 307 | 17.025 | 16.999 | 17.041 | VV | 9854           | 167242  | 1.75%  | 0.311% |
| 308 | 17.049 | 17.041 | 17.080 | VV | 7871           | 107933  | 1.13%  | 0.201% |
| 309 | 17.105 | 17.080 | 17.127 | VV | 7438           | 122352  | 1.28%  | 0.228% |
| 310 | 17.134 | 17.127 | 17.154 | VV | 3813           | 43966   | 0.46%  | 0.082% |
| 311 | 17.178 | 17.154 | 17.208 | VV | 5990           | 120404  | 1.26%  | 0.224% |
| 312 | 17.223 | 17.208 | 17.240 | VV | 3019           | 40194   | 0.42%  | 0.075% |
| 313 | 17.263 | 17.240 | 17.275 | VV | 2370           | 35831   | 0.37%  | 0.067% |
| 314 | 17.295 | 17.275 | 17.300 | VV | 2172           | 26307   | 0.27%  | 0.049% |
| 315 | 17.306 | 17.300 | 17.342 | VV | 2050           | 24848   | 0.26%  | 0.046% |
| 316 | 17.367 | 17.342 | 17.389 | PV | 1621           | 24608   | 0.26%  | 0.046% |

|     |        |        |        |    |                         |          |       |        |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|
|     |        |        |        |    | rteres                  |          |       |        |
| 317 | 17.438 | 17.389 | 17.450 | VV | 1825                    | 33449    | 0.35% | 0.062% |
| 318 | 17.495 | 17.450 | 17.502 | VV | 3712                    | 80762    | 0.84% | 0.150% |
| 319 | 17.530 | 17.502 | 17.553 | VV | 4729                    | 115528   | 1.21% | 0.215% |
| 320 | 17.573 | 17.553 | 17.590 | VV | 3491                    | 63343    | 0.66% | 0.118% |
| 321 | 17.619 | 17.590 | 17.639 | VV | 9379                    | 161009   | 1.68% | 0.300% |
| 322 | 17.655 | 17.639 | 17.665 | VV | 5976                    | 81404    | 0.85% | 0.152% |
| 323 | 17.671 | 17.665 | 17.706 | VV | 5286                    | 93376    | 0.97% | 0.174% |
| 324 | 17.732 | 17.706 | 17.760 | VV | 4061                    | 89338    | 0.93% | 0.166% |
| 325 | 17.794 | 17.760 | 17.852 | VV | 10907                   | 261374   | 2.73% | 0.487% |
| 326 | 17.882 | 17.852 | 17.910 | VV | 41765                   | 598245   | 6.24% | 1.114% |
| 327 | 17.924 | 17.910 | 17.949 | VV | 9371                    | 177919   | 1.86% | 0.331% |
| 328 | 17.965 | 17.949 | 17.992 | VV | 6823                    | 102326   | 1.07% | 0.190% |
| 329 | 18.016 | 17.992 | 18.032 | VV | 8169                    | 113972   | 1.19% | 0.212% |
| 330 | 18.047 | 18.032 | 18.105 | VV | 9003                    | 155182   | 1.62% | 0.289% |
| 331 | 18.133 | 18.105 | 18.158 | PV | 35927                   | 434134   | 4.53% | 0.808% |
| 332 | 18.176 | 18.158 | 18.180 | VV | 617                     | 7728     | 0.08% | 0.014% |
| 333 | 18.184 | 18.180 | 18.190 | VV | 530                     | 1929     | 0.02% | 0.004% |
|     |        |        |        |    | Sum of corrected areas: | 53715711 |       |        |

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