

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061225AR\  
 Data File : FD049476.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Jun 2025 03:21  
 Sample : Q2177-02MSD  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052425.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         | 4.266       | 4.252        | 4.314      | PH       | 34676          | 301434       | 4.74%          | 0.351%        |
| 2         | 4.327       | 4.314        | 4.337      | PV       | 277            | 2563         | 0.04%          | 0.003%        |
| 3         | 4.353       | 4.337        | 4.394      | VV       | 14076          | 118075       | 1.86%          | 0.137%        |
| 4         | 4.405       | 4.394        | 4.421      | PV       | 155            | 1230         | 0.02%          | 0.001%        |
| 5         | 4.435       | 4.421        | 4.447      | VV       | 349            | 3399         | 0.05%          | 0.004%        |
| 6         | 4.482       | 4.447        | 4.502      | VV       | 28835          | 258007       | 4.06%          | 0.300%        |
| 7         | 4.524       | 4.502        | 4.549      | VV       | 234308         | 2003317      | 31.52%         | 2.330%        |
| 8         | 4.562       | 4.549        | 4.575      | VV       | 1052           | 12308        | 0.19%          | 0.014%        |
| 9         | 4.589       | 4.575        | 4.610      | VV       | 2019           | 24474        | 0.39%          | 0.028%        |
| 10        | 4.630       | 4.610        | 4.642      | VV       | 4777           | 51999        | 0.82%          | 0.060%        |
| 11        | 4.651       | 4.642        | 4.671      | VV       | 4054           | 38984        | 0.61%          | 0.045%        |
| 12        | 4.707       | 4.671        | 4.720      | VV       | 3071           | 34080        | 0.54%          | 0.040%        |
| 13        | 4.736       | 4.720        | 4.771      | VV       | 6497           | 60534        | 0.95%          | 0.070%        |
| 14        | 4.789       | 4.771        | 4.805      | VV       | 3242           | 30350        | 0.48%          | 0.035%        |
| 15        | 4.816       | 4.805        | 4.842      | VV       | 1468           | 16470        | 0.26%          | 0.019%        |
| 16        | 4.855       | 4.842        | 4.874      | VV       | 617            | 6985         | 0.11%          | 0.008%        |
| 17        | 4.881       | 4.874        | 4.884      | VV       | 240            | 1116         | 0.02%          | 0.001%        |
| 18        | 4.898       | 4.891        | 4.909      | VV       | 248            | 1919         | 0.03%          | 0.002%        |
| 19        | 4.928       | 4.909        | 4.943      | VV       | 592            | 6978         | 0.11%          | 0.008%        |
| 20        | 4.956       | 4.943        | 4.963      | VV       | 246            | 1708         | 0.03%          | 0.002%        |
| 21        | 4.985       | 4.963        | 5.018      | VV       | 369            | 6387         | 0.10%          | 0.007%        |
| 22        | 5.040       | 5.018        | 5.066      | VV       | 836            | 12776        | 0.20%          | 0.015%        |
| 23        | 5.091       | 5.066        | 5.100      | VV       | 2418           | 23569        | 0.37%          | 0.027%        |
| 24        | 5.117       | 5.100        | 5.150      | VV       | 10826          | 117544       | 1.85%          | 0.137%        |
| 25        | 5.174       | 5.150        | 5.195      | VV       | 2199           | 27817        | 0.44%          | 0.032%        |
| 26        | 5.220       | 5.195        | 5.249      | VV       | 645            | 12251        | 0.19%          | 0.014%        |
| 27        | 5.263       | 5.249        | 5.267      | PV       | 318            | 1933         | 0.03%          | 0.002%        |
| 28        | 5.283       | 5.267        | 5.292      | VV       | 513            | 5580         | 0.09%          | 0.006%        |
| 29        | 5.306       | 5.292        | 5.319      | VV       | 770            | 8431         | 0.13%          | 0.010%        |
| 30        | 5.337       | 5.319        | 5.382      | VV       | 3958           | 45717        | 0.72%          | 0.053%        |
| 31        | 5.404       | 5.382        | 5.413      | VV       | 441            | 5423         | 0.09%          | 0.006%        |
| 32        | 5.419       | 5.413        | 5.442      | VV       | 300            | 3496         | 0.06%          | 0.004%        |
| 33        | 5.479       | 5.447        | 5.499      | VV       | 651            | 13558        | 0.21%          | 0.016%        |
| 34        | 5.517       | 5.499        | 5.536      | VV       | 2505           | 26045        | 0.41%          | 0.030%        |
| 35        | 5.560       | 5.536        | 5.582      | VV       | 3820           | 47485        | 0.75%          | 0.055%        |
| 36        | 5.585       | 5.582        | 5.598      | VV       | 519            | 4309         | 0.07%          | 0.005%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.617 | 5.598 | 5.649 | VV | 987    | 13934   | 0.22%  | 0.016% |
| 38 | 5.659 | 5.649 | 5.665 | VV | 293    | 2155    | 0.03%  | 0.003% |
| 39 | 5.685 | 5.665 | 5.691 | VV | 534    | 6519    | 0.10%  | 0.008% |
| 40 | 5.702 | 5.691 | 5.728 | VV | 786    | 10201   | 0.16%  | 0.012% |
| 41 | 5.766 | 5.728 | 5.785 | VV | 607    | 11020   | 0.17%  | 0.013% |
| 42 | 5.809 | 5.785 | 5.836 | VV | 807    | 13573   | 0.21%  | 0.016% |
| 43 | 5.862 | 5.836 | 5.892 | VV | 396    | 7133    | 0.11%  | 0.008% |
| 44 | 5.903 | 5.898 | 5.909 | VV | 276    | 1512    | 0.02%  | 0.002% |
| 45 | 5.913 | 5.909 | 5.924 | VV | 393    | 2596    | 0.04%  | 0.003% |
| 46 | 5.928 | 5.924 | 5.933 | VV | 304    | 1183    | 0.02%  | 0.001% |
| 47 | 5.944 | 5.933 | 5.960 | VV | 360    | 3717    | 0.06%  | 0.004% |
| 48 | 5.975 | 5.960 | 5.997 | VV | 495    | 6316    | 0.10%  | 0.007% |
| 49 | 6.008 | 5.997 | 6.021 | VV | 505    | 5536    | 0.09%  | 0.006% |
| 50 | 6.068 | 6.021 | 6.101 | VV | 271563 | 2486908 | 39.13% | 2.893% |
| 51 | 6.116 | 6.101 | 6.139 | VV | 1542   | 20157   | 0.32%  | 0.023% |
| 52 | 6.156 | 6.139 | 6.190 | VV | 2888   | 33836   | 0.53%  | 0.039% |
| 53 | 6.219 | 6.190 | 6.239 | VV | 991    | 17479   | 0.27%  | 0.020% |
| 54 | 6.257 | 6.239 | 6.265 | VV | 550    | 5864    | 0.09%  | 0.007% |
| 55 | 6.290 | 6.265 | 6.325 | VV | 1038   | 22813   | 0.36%  | 0.027% |
| 56 | 6.343 | 6.325 | 6.396 | VV | 1223   | 21543   | 0.34%  | 0.025% |
| 57 | 6.416 | 6.396 | 6.423 | VV | 393    | 3931    | 0.06%  | 0.005% |
| 58 | 6.428 | 6.423 | 6.445 | VV | 336    | 3536    | 0.06%  | 0.004% |
| 59 | 6.450 | 6.445 | 6.457 | VV | 309    | 1787    | 0.03%  | 0.002% |
| 60 | 6.462 | 6.457 | 6.474 | VV | 352    | 2704    | 0.04%  | 0.003% |
| 61 | 6.496 | 6.474 | 6.529 | VV | 31576  | 315649  | 4.97%  | 0.367% |
| 62 | 6.534 | 6.529 | 6.548 | VV | 453    | 4616    | 0.07%  | 0.005% |
| 63 | 6.581 | 6.548 | 6.601 | VV | 1291   | 23415   | 0.37%  | 0.027% |
| 64 | 6.615 | 6.601 | 6.629 | VV | 1404   | 13865   | 0.22%  | 0.016% |
| 65 | 6.646 | 6.629 | 6.665 | VV | 3474   | 36322   | 0.57%  | 0.042% |
| 66 | 6.679 | 6.665 | 6.696 | VV | 820    | 9323    | 0.15%  | 0.011% |
| 67 | 6.717 | 6.696 | 6.740 | VV | 1906   | 22268   | 0.35%  | 0.026% |
| 68 | 6.749 | 6.740 | 6.754 | PV | 410    | 2353    | 0.04%  | 0.003% |
| 69 | 6.778 | 6.754 | 6.800 | VV | 524    | 10311   | 0.16%  | 0.012% |
| 70 | 6.826 | 6.800 | 6.850 | VV | 861    | 15979   | 0.25%  | 0.019% |
| 71 | 6.861 | 6.850 | 6.867 | VV | 556    | 5013    | 0.08%  | 0.006% |
| 72 | 6.890 | 6.867 | 6.913 | VV | 868    | 13807   | 0.22%  | 0.016% |
| 73 | 6.940 | 6.913 | 6.952 | VV | 1558   | 18089   | 0.28%  | 0.021% |
| 74 | 6.965 | 6.952 | 6.977 | VV | 2862   | 28264   | 0.44%  | 0.033% |
| 75 | 6.992 | 6.977 | 7.010 | VV | 2510   | 36557   | 0.58%  | 0.043% |
| 76 | 7.030 | 7.010 | 7.083 | VV | 7346   | 114922  | 1.81%  | 0.134% |
| 77 | 7.122 | 7.083 | 7.148 | VV | 266637 | 2527547 | 39.77% | 2.940% |
| 78 | 7.157 | 7.148 | 7.184 | VV | 1340   | 19648   | 0.31%  | 0.023% |
| 79 | 7.198 | 7.184 | 7.214 | VV | 1184   | 13590   | 0.21%  | 0.016% |
| 80 | 7.227 | 7.214 | 7.240 | VV | 699    | 7476    | 0.12%  | 0.009% |
| 81 | 7.256 | 7.240 | 7.265 | VV | 1614   | 16282   | 0.26%  | 0.019% |
| 82 | 7.280 | 7.265 | 7.298 | VV | 4232   | 49303   | 0.78%  | 0.057% |
| 83 | 7.313 | 7.298 | 7.325 | VV | 1414   | 18005   | 0.28%  | 0.021% |
| 84 | 7.338 | 7.325 | 7.369 | VV | 1842   | 28586   | 0.45%  | 0.033% |
| 85 | 7.386 | 7.369 | 7.399 | VV | 1743   | 22167   | 0.35%  | 0.026% |
| 86 | 7.419 | 7.399 | 7.440 | VV | 7286   | 79829   | 1.26%  | 0.093% |
| 87 | 7.481 | 7.440 | 7.497 | VV | 1044   | 24512   | 0.39%  | 0.029% |
| 88 | 7.511 | 7.497 | 7.527 | VV | 1430   | 17802   | 0.28%  | 0.021% |
| 89 | 7.532 | 7.527 | 7.541 | VV | 632    | 4010    | 0.06%  | 0.005% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.586 | 7.541 | 7.622 | VV | 1008   | 30213   | 0.48%  | 0.035% |
| 91  | 7.650 | 7.622 | 7.660 | VV | 805    | 14522   | 0.23%  | 0.017% |
| 92  | 7.680 | 7.660 | 7.702 | VV | 1775   | 25920   | 0.41%  | 0.030% |
| 93  | 7.734 | 7.702 | 7.795 | VV | 659617 | 6173972 | 97.13% | 7.182% |
| 94  | 7.824 | 7.795 | 7.834 | VV | 1289   | 20640   | 0.32%  | 0.024% |
| 95  | 7.844 | 7.834 | 7.861 | VV | 1277   | 15986   | 0.25%  | 0.019% |
| 96  | 7.871 | 7.861 | 7.886 | VV | 1155   | 12098   | 0.19%  | 0.014% |
| 97  | 7.898 | 7.886 | 7.919 | VV | 812    | 11524   | 0.18%  | 0.013% |
| 98  | 7.940 | 7.919 | 7.959 | VV | 1155   | 15328   | 0.24%  | 0.018% |
| 99  | 7.984 | 7.959 | 8.025 | VV | 2419   | 37509   | 0.59%  | 0.044% |
| 100 | 8.042 | 8.025 | 8.055 | VV | 974    | 11857   | 0.19%  | 0.014% |
| 101 | 8.082 | 8.055 | 8.096 | VV | 805    | 14916   | 0.23%  | 0.017% |
| 102 | 8.110 | 8.096 | 8.132 | VV | 1272   | 16746   | 0.26%  | 0.019% |
| 103 | 8.197 | 8.132 | 8.205 | VV | 1127   | 28380   | 0.45%  | 0.033% |
| 104 | 8.214 | 8.205 | 8.232 | VV | 1407   | 18369   | 0.29%  | 0.021% |
| 105 | 8.240 | 8.232 | 8.257 | VV | 1121   | 14313   | 0.23%  | 0.017% |
| 106 | 8.287 | 8.257 | 8.327 | VV | 35137  | 368701  | 5.80%  | 0.429% |
| 107 | 8.345 | 8.327 | 8.365 | VV | 1547   | 20560   | 0.32%  | 0.024% |
| 108 | 8.401 | 8.365 | 8.460 | VV | 307782 | 2988607 | 47.02% | 3.476% |
| 109 | 8.480 | 8.460 | 8.504 | VV | 1139   | 19414   | 0.31%  | 0.023% |
| 110 | 8.521 | 8.504 | 8.555 | VV | 984    | 13971   | 0.22%  | 0.016% |
| 111 | 8.599 | 8.555 | 8.627 | VV | 429122 | 4162946 | 65.49% | 4.842% |
| 112 | 8.650 | 8.627 | 8.668 | VV | 2037   | 32996   | 0.52%  | 0.038% |
| 113 | 8.697 | 8.668 | 8.725 | VV | 315894 | 3083311 | 48.51% | 3.587% |
| 114 | 8.737 | 8.725 | 8.748 | VV | 1182   | 14758   | 0.23%  | 0.017% |
| 115 | 8.751 | 8.748 | 8.764 | VV | 1146   | 8532    | 0.13%  | 0.010% |
| 116 | 8.773 | 8.764 | 8.792 | VV | 1212   | 15542   | 0.24%  | 0.018% |
| 117 | 8.800 | 8.792 | 8.806 | VV | 868    | 6100    | 0.10%  | 0.007% |
| 118 | 8.824 | 8.806 | 8.839 | VV | 1400   | 21481   | 0.34%  | 0.025% |
| 119 | 8.843 | 8.839 | 8.865 | VV | 1095   | 9455    | 0.15%  | 0.011% |
| 120 | 8.872 | 8.865 | 8.880 | VV | 336    | 2702    | 0.04%  | 0.003% |
| 121 | 8.892 | 8.880 | 8.901 | VV | 537    | 4698    | 0.07%  | 0.005% |
| 122 | 8.906 | 8.901 | 8.920 | VV | 443    | 3371    | 0.05%  | 0.004% |
| 123 | 8.937 | 8.920 | 8.952 | VV | 1238   | 12875   | 0.20%  | 0.015% |
| 124 | 8.966 | 8.952 | 8.981 | VV | 2333   | 25810   | 0.41%  | 0.030% |
| 125 | 9.007 | 8.981 | 9.030 | VV | 65578  | 645281  | 10.15% | 0.751% |
| 126 | 9.041 | 9.030 | 9.073 | VV | 1526   | 30232   | 0.48%  | 0.035% |
| 127 | 9.090 | 9.073 | 9.100 | VV | 2181   | 25805   | 0.41%  | 0.030% |
| 128 | 9.105 | 9.100 | 9.113 | VV | 2101   | 14891   | 0.23%  | 0.017% |
| 129 | 9.125 | 9.113 | 9.145 | VV | 2429   | 33770   | 0.53%  | 0.039% |
| 130 | 9.159 | 9.145 | 9.180 | VV | 1982   | 25271   | 0.40%  | 0.029% |
| 131 | 9.194 | 9.180 | 9.222 | VV | 810    | 11186   | 0.18%  | 0.013% |
| 132 | 9.247 | 9.222 | 9.262 | VV | 616    | 8692    | 0.14%  | 0.010% |
| 133 | 9.268 | 9.262 | 9.273 | VV | 288    | 1630    | 0.03%  | 0.002% |
| 134 | 9.292 | 9.273 | 9.315 | VV | 882    | 12350   | 0.19%  | 0.014% |
| 135 | 9.335 | 9.315 | 9.362 | VV | 937    | 17065   | 0.27%  | 0.020% |
| 136 | 9.390 | 9.362 | 9.426 | VV | 954    | 19747   | 0.31%  | 0.023% |
| 137 | 9.439 | 9.426 | 9.447 | VV | 472    | 4001    | 0.06%  | 0.005% |
| 138 | 9.477 | 9.447 | 9.529 | VV | 326490 | 3230464 | 50.82% | 3.758% |
| 139 | 9.560 | 9.529 | 9.590 | VV | 925    | 20475   | 0.32%  | 0.024% |
| 140 | 9.628 | 9.590 | 9.645 | VV | 1343   | 30855   | 0.49%  | 0.036% |
| 141 | 9.654 | 9.645 | 9.669 | VV | 987    | 10247   | 0.16%  | 0.012% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 9.690  | 9.669  | 9.707  | VV | 5315   | 59453   | 0.94%   | 0.069% |
| 143 | 9.723  | 9.707  | 9.733  | VV | 3300   | 34024   | 0.54%   | 0.040% |
| 144 | 9.752  | 9.733  | 9.782  | VV | 38317  | 383318  | 6.03%   | 0.446% |
| 145 | 9.797  | 9.782  | 9.837  | VV | 1384   | 24071   | 0.38%   | 0.028% |
| 146 | 9.883  | 9.837  | 9.910  | VV | 31361  | 351423  | 5.53%   | 0.409% |
| 147 | 9.916  | 9.910  | 9.942  | VV | 834    | 9858    | 0.16%   | 0.011% |
| 148 | 9.956  | 9.942  | 9.973  | VV | 843    | 12420   | 0.20%   | 0.014% |
| 149 | 9.979  | 9.973  | 9.981  | VV | 544    | 2553    | 0.04%   | 0.003% |
| 150 | 9.985  | 9.981  | 10.017 | VV | 653    | 7814    | 0.12%   | 0.009% |
| 151 | 10.020 | 10.017 | 10.025 | VV | 322    | 1087    | 0.02%   | 0.001% |
| 152 | 10.031 | 10.025 | 10.048 | VV | 329    | 3708    | 0.06%   | 0.004% |
| 153 | 10.077 | 10.048 | 10.103 | VV | 3494   | 41985   | 0.66%   | 0.049% |
| 154 | 10.113 | 10.103 | 10.126 | VV | 415    | 3057    | 0.05%   | 0.004% |
| 155 | 10.162 | 10.138 | 10.175 | VV | 505    | 5006    | 0.08%   | 0.006% |
| 156 | 10.225 | 10.175 | 10.248 | PV | 1710   | 27202   | 0.43%   | 0.032% |
| 157 | 10.253 | 10.248 | 10.263 | VV | 509    | 3702    | 0.06%   | 0.004% |
| 158 | 10.277 | 10.263 | 10.296 | VV | 807    | 10220   | 0.16%   | 0.012% |
| 159 | 10.321 | 10.296 | 10.335 | VV | 843    | 15722   | 0.25%   | 0.018% |
| 160 | 10.354 | 10.335 | 10.377 | VV | 1436   | 23089   | 0.36%   | 0.027% |
| 161 | 10.401 | 10.377 | 10.422 | VV | 1018   | 16896   | 0.27%   | 0.020% |
| 162 | 10.432 | 10.422 | 10.440 | VV | 440    | 3442    | 0.05%   | 0.004% |
| 163 | 10.443 | 10.440 | 10.455 | VV | 386    | 2406    | 0.04%   | 0.003% |
| 164 | 10.470 | 10.455 | 10.495 | VV | 1044   | 18463   | 0.29%   | 0.021% |
| 165 | 10.522 | 10.495 | 10.540 | VV | 1207   | 22900   | 0.36%   | 0.027% |
| 166 | 10.566 | 10.540 | 10.588 | VV | 851    | 19535   | 0.31%   | 0.023% |
| 167 | 10.607 | 10.588 | 10.624 | VV | 1387   | 22697   | 0.36%   | 0.026% |
| 168 | 10.639 | 10.624 | 10.652 | VV | 1195   | 16953   | 0.27%   | 0.020% |
| 169 | 10.674 | 10.652 | 10.699 | VV | 5404   | 90330   | 1.42%   | 0.105% |
| 170 | 10.709 | 10.699 | 10.727 | VV | 960    | 13281   | 0.21%   | 0.015% |
| 171 | 10.753 | 10.727 | 10.769 | VV | 1382   | 23262   | 0.37%   | 0.027% |
| 172 | 10.779 | 10.769 | 10.797 | VV | 808    | 9422    | 0.15%   | 0.011% |
| 173 | 10.815 | 10.797 | 10.822 | VV | 1093   | 10265   | 0.16%   | 0.012% |
| 174 | 10.842 | 10.822 | 10.850 | VV | 2687   | 29303   | 0.46%   | 0.034% |
| 175 | 10.877 | 10.850 | 10.917 | VV | 339854 | 3546483 | 55.80%  | 4.125% |
| 176 | 10.951 | 10.917 | 10.985 | VV | 314504 | 3197099 | 50.30%  | 3.719% |
| 177 | 10.989 | 10.985 | 11.010 | VV | 637    | 6918    | 0.11%   | 0.008% |
| 178 | 11.028 | 11.010 | 11.034 | VV | 851    | 8728    | 0.14%   | 0.010% |
| 179 | 11.050 | 11.034 | 11.105 | VV | 803    | 21753   | 0.34%   | 0.025% |
| 180 | 11.157 | 11.111 | 11.207 | VV | 3363   | 46089   | 0.73%   | 0.054% |
| 181 | 11.220 | 11.207 | 11.232 | VV | 432    | 3647    | 0.06%   | 0.004% |
| 182 | 11.255 | 11.232 | 11.273 | VV | 715    | 12588   | 0.20%   | 0.015% |
| 183 | 11.321 | 11.273 | 11.346 | VV | 29700  | 334582  | 5.26%   | 0.389% |
| 184 | 11.352 | 11.346 | 11.357 | VV | 423    | 2169    | 0.03%   | 0.003% |
| 185 | 11.367 | 11.357 | 11.381 | VV | 687    | 7984    | 0.13%   | 0.009% |
| 186 | 11.412 | 11.381 | 11.442 | VV | 1165   | 23606   | 0.37%   | 0.027% |
| 187 | 11.475 | 11.442 | 11.498 | PV | 784    | 10698   | 0.17%   | 0.012% |
| 188 | 11.525 | 11.498 | 11.552 | PV | 490    | 6829    | 0.11%   | 0.008% |
| 189 | 11.560 | 11.552 | 11.578 | VV | 369    | 3295    | 0.05%   | 0.004% |
| 190 | 11.644 | 11.578 | 11.669 | VV | 595901 | 6356130 | 100.00% | 7.394% |
| 191 | 11.674 | 11.669 | 11.689 | VV | 3855   | 32648   | 0.51%   | 0.038% |
| 192 | 11.705 | 11.689 | 11.725 | VV | 4882   | 56698   | 0.89%   | 0.066% |
| 193 | 11.736 | 11.725 | 11.752 | VV | 1298   | 15087   | 0.24%   | 0.018% |
| 194 | 11.772 | 11.752 | 11.776 | VV | 2783   | 26979   | 0.42%   | 0.031% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.790 | 11.776 | 11.812 | VV | 4954   | 71656   | 1.13%  | 0.083% |
| 196 | 11.821 | 11.812 | 11.836 | VV | 2391   | 27221   | 0.43%  | 0.032% |
| 197 | 11.853 | 11.836 | 11.874 | VV | 3474   | 41345   | 0.65%  | 0.048% |
| 198 | 11.919 | 11.890 | 11.945 | PV | 877    | 11822   | 0.19%  | 0.014% |
| 199 | 11.978 | 11.945 | 11.987 | VV | 706    | 12254   | 0.19%  | 0.014% |
| 200 | 11.991 | 11.987 | 12.003 | VV | 729    | 5321    | 0.08%  | 0.006% |
| 201 | 12.039 | 12.003 | 12.066 | VV | 9084   | 127875  | 2.01%  | 0.149% |
| 202 | 12.078 | 12.066 | 12.097 | VV | 1072   | 12708   | 0.20%  | 0.015% |
| 203 | 12.104 | 12.097 | 12.114 | VV | 345    | 2119    | 0.03%  | 0.002% |
| 204 | 12.144 | 12.114 | 12.165 | VV | 2901   | 35113   | 0.55%  | 0.041% |
| 205 | 12.192 | 12.165 | 12.196 | VV | 701    | 8417    | 0.13%  | 0.010% |
| 206 | 12.236 | 12.196 | 12.279 | VV | 129461 | 1585614 | 24.95% | 1.844% |
| 207 | 12.291 | 12.279 | 12.337 | VV | 1944   | 42685   | 0.67%  | 0.050% |
| 208 | 12.350 | 12.337 | 12.360 | VV | 889    | 10628   | 0.17%  | 0.012% |
| 209 | 12.363 | 12.360 | 12.378 | VV | 846    | 7943    | 0.12%  | 0.009% |
| 210 | 12.393 | 12.378 | 12.442 | VV | 1182   | 29806   | 0.47%  | 0.035% |
| 211 | 12.466 | 12.442 | 12.473 | VV | 2009   | 24033   | 0.38%  | 0.028% |
| 212 | 12.489 | 12.473 | 12.510 | VV | 3317   | 47197   | 0.74%  | 0.055% |
| 213 | 12.519 | 12.510 | 12.530 | VV | 1004   | 10350   | 0.16%  | 0.012% |
| 214 | 12.535 | 12.530 | 12.540 | VV | 860    | 4694    | 0.07%  | 0.005% |
| 215 | 12.544 | 12.540 | 12.552 | VV | 768    | 4621    | 0.07%  | 0.005% |
| 216 | 12.571 | 12.552 | 12.593 | VV | 3075   | 41828   | 0.66%  | 0.049% |
| 217 | 12.627 | 12.593 | 12.657 | VV | 30969  | 378851  | 5.96%  | 0.441% |
| 218 | 12.690 | 12.657 | 12.735 | VV | 327613 | 3604841 | 56.71% | 4.193% |
| 219 | 12.749 | 12.735 | 12.777 | VV | 473    | 5940    | 0.09%  | 0.007% |
| 220 | 12.781 | 12.777 | 12.796 | PV | 290    | 1803    | 0.03%  | 0.002% |
| 221 | 12.821 | 12.805 | 12.827 | VV | 296    | 2699    | 0.04%  | 0.003% |
| 222 | 12.842 | 12.827 | 12.854 | VV | 693    | 7399    | 0.12%  | 0.009% |
| 223 | 12.875 | 12.854 | 12.913 | VV | 4625   | 62691   | 0.99%  | 0.073% |
| 224 | 12.924 | 12.913 | 12.943 | VV | 831    | 9901    | 0.16%  | 0.012% |
| 225 | 12.989 | 12.943 | 13.016 | VV | 322435 | 3521277 | 55.40% | 4.096% |
| 226 | 13.043 | 13.016 | 13.048 | VV | 6551   | 68932   | 1.08%  | 0.080% |
| 227 | 13.071 | 13.048 | 13.102 | VV | 110485 | 1296025 | 20.39% | 1.508% |
| 228 | 13.123 | 13.102 | 13.140 | VV | 573    | 9717    | 0.15%  | 0.011% |
| 229 | 13.157 | 13.140 | 13.177 | VV | 1480   | 17270   | 0.27%  | 0.020% |
| 230 | 13.189 | 13.177 | 13.204 | VV | 619    | 5180    | 0.08%  | 0.006% |
| 231 | 13.237 | 13.204 | 13.269 | PV | 25655  | 331534  | 5.22%  | 0.386% |
| 232 | 13.290 | 13.269 | 13.337 | VV | 5127   | 88506   | 1.39%  | 0.103% |
| 233 | 13.348 | 13.337 | 13.362 | VV | 713    | 8637    | 0.14%  | 0.010% |
| 234 | 13.381 | 13.362 | 13.407 | VV | 1507   | 24400   | 0.38%  | 0.028% |
| 235 | 13.410 | 13.407 | 13.420 | VV | 775    | 5286    | 0.08%  | 0.006% |
| 236 | 13.461 | 13.420 | 13.532 | VV | 69327  | 903066  | 14.21% | 1.050% |
| 237 | 13.570 | 13.532 | 13.597 | VV | 5654   | 97193   | 1.53%  | 0.113% |
| 238 | 13.602 | 13.597 | 13.607 | VV | 580    | 2917    | 0.05%  | 0.003% |
| 239 | 13.614 | 13.607 | 13.627 | VV | 657    | 6831    | 0.11%  | 0.008% |
| 240 | 13.640 | 13.627 | 13.654 | VV | 1079   | 13393   | 0.21%  | 0.016% |
| 241 | 13.678 | 13.654 | 13.702 | VV | 3654   | 54873   | 0.86%  | 0.064% |
| 242 | 13.717 | 13.702 | 13.747 | VV | 2550   | 36419   | 0.57%  | 0.042% |
| 243 | 13.766 | 13.747 | 13.793 | VV | 1605   | 27678   | 0.44%  | 0.032% |
| 244 | 13.822 | 13.793 | 13.870 | VV | 27021  | 361343  | 5.68%  | 0.420% |
| 245 | 13.888 | 13.870 | 13.911 | VV | 2210   | 27002   | 0.42%  | 0.031% |
| 246 | 13.933 | 13.911 | 13.979 | VV | 1603   | 37464   | 0.59%  | 0.044% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 247 | 13.993 | 13.979 | 14.003 | VV | 492    | 4947    | 0.08%  | 0.006% |
| 248 | 14.009 | 14.003 | 14.016 | VV | 317    | 1847    | 0.03%  | 0.002% |
| 249 | 14.031 | 14.016 | 14.038 | VV | 563    | 5034    | 0.08%  | 0.006% |
| 250 | 14.057 | 14.038 | 14.063 | VV | 667    | 7839    | 0.12%  | 0.009% |
| 251 | 14.065 | 14.063 | 14.072 | VV | 556    | 1967    | 0.03%  | 0.002% |
| 252 | 14.088 | 14.072 | 14.095 | VV | 388    | 4695    | 0.07%  | 0.005% |
| 253 | 14.097 | 14.095 | 14.128 | VV | 419    | 4158    | 0.07%  | 0.005% |
| 254 | 14.158 | 14.143 | 14.166 | PV | 350    | 2981    | 0.05%  | 0.003% |
| 255 | 14.172 | 14.166 | 14.194 | VV | 385    | 3705    | 0.06%  | 0.004% |
| 256 | 14.214 | 14.194 | 14.230 | VV | 435    | 6731    | 0.11%  | 0.008% |
| 257 | 14.259 | 14.230 | 14.286 | VV | 1926   | 35716   | 0.56%  | 0.042% |
| 258 | 14.302 | 14.286 | 14.334 | VV | 1360   | 23860   | 0.38%  | 0.028% |
| 259 | 14.354 | 14.334 | 14.360 | VV | 596    | 7186    | 0.11%  | 0.008% |
| 260 | 14.388 | 14.360 | 14.397 | VV | 1064   | 18431   | 0.29%  | 0.021% |
| 261 | 14.408 | 14.397 | 14.433 | VV | 961    | 15503   | 0.24%  | 0.018% |
| 262 | 14.446 | 14.433 | 14.459 | VV | 866    | 10398   | 0.16%  | 0.012% |
| 263 | 14.464 | 14.459 | 14.466 | VV | 805    | 3370    | 0.05%  | 0.004% |
| 264 | 14.483 | 14.466 | 14.499 | VV | 1785   | 24572   | 0.39%  | 0.029% |
| 265 | 14.515 | 14.499 | 14.524 | VV | 867    | 12070   | 0.19%  | 0.014% |
| 266 | 14.546 | 14.524 | 14.566 | VV | 4703   | 59607   | 0.94%  | 0.069% |
| 267 | 14.603 | 14.566 | 14.626 | VV | 1588   | 34021   | 0.54%  | 0.040% |
| 268 | 14.669 | 14.626 | 14.680 | VV | 771    | 16361   | 0.26%  | 0.019% |
| 269 | 14.684 | 14.680 | 14.690 | VV | 623    | 3523    | 0.06%  | 0.004% |
| 270 | 14.706 | 14.690 | 14.717 | VV | 967    | 12660   | 0.20%  | 0.015% |
| 271 | 14.758 | 14.717 | 14.798 | VV | 2608   | 52474   | 0.83%  | 0.061% |
| 272 | 14.813 | 14.798 | 14.823 | VV | 435    | 4875    | 0.08%  | 0.006% |
| 273 | 14.859 | 14.823 | 14.879 | VV | 255729 | 3083227 | 48.51% | 3.587% |
| 274 | 14.902 | 14.879 | 14.957 | VV | 277485 | 3368697 | 53.00% | 3.919% |
| 275 | 14.960 | 14.957 | 14.980 | VV | 663    | 6971    | 0.11%  | 0.008% |
| 276 | 14.987 | 14.980 | 14.992 | VV | 612    | 3676    | 0.06%  | 0.004% |
| 277 | 15.018 | 14.992 | 15.037 | VV | 3652   | 47415   | 0.75%  | 0.055% |
| 278 | 15.055 | 15.037 | 15.069 | VV | 829    | 12374   | 0.19%  | 0.014% |
| 279 | 15.094 | 15.069 | 15.132 | VV | 1510   | 27718   | 0.44%  | 0.032% |
| 280 | 15.151 | 15.132 | 15.176 | VV | 1314   | 23729   | 0.37%  | 0.028% |
| 281 | 15.194 | 15.176 | 15.226 | VV | 1021   | 22906   | 0.36%  | 0.027% |
| 282 | 15.230 | 15.226 | 15.251 | VV | 510    | 4722    | 0.07%  | 0.005% |
| 283 | 15.300 | 15.251 | 15.365 | VV | 4634   | 111066  | 1.75%  | 0.129% |
| 284 | 15.371 | 15.365 | 15.388 | VV | 784    | 6385    | 0.10%  | 0.007% |
| 285 | 15.406 | 15.388 | 15.411 | VV | 510    | 5490    | 0.09%  | 0.006% |
| 286 | 15.413 | 15.411 | 15.418 | VV | 408    | 1674    | 0.03%  | 0.002% |
| 287 | 15.457 | 15.418 | 15.482 | VV | 1650   | 40385   | 0.64%  | 0.047% |
| 288 | 15.484 | 15.482 | 15.504 | VV | 968    | 9553    | 0.15%  | 0.011% |
| 289 | 15.525 | 15.504 | 15.546 | VV | 3078   | 40569   | 0.64%  | 0.047% |
| 290 | 15.562 | 15.546 | 15.586 | VV | 1631   | 24025   | 0.38%  | 0.028% |
| 291 | 15.606 | 15.586 | 15.621 | VV | 1238   | 17019   | 0.27%  | 0.020% |
| 292 | 15.626 | 15.621 | 15.629 | VV | 686    | 3056    | 0.05%  | 0.004% |
| 293 | 15.665 | 15.629 | 15.672 | VV | 1811   | 28603   | 0.45%  | 0.033% |
| 294 | 15.686 | 15.672 | 15.721 | VV | 1963   | 38216   | 0.60%  | 0.044% |
| 295 | 15.729 | 15.721 | 15.733 | VV | 455    | 2722    | 0.04%  | 0.003% |
| 296 | 15.739 | 15.733 | 15.743 | VV | 494    | 2686    | 0.04%  | 0.003% |
| 297 | 15.768 | 15.743 | 15.798 | VV | 1484   | 27511   | 0.43%  | 0.032% |
| 298 | 15.804 | 15.798 | 15.817 | VV | 534    | 4328    | 0.07%  | 0.005% |
| 299 | 15.823 | 15.817 | 15.828 | VV | 408    | 2363    | 0.04%  | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 15.851 | 15.828 | 15.862 | VV | 619    | 10148   | 0.16%  | 0.012% |
| 301 | 15.875 | 15.862 | 15.908 | VV | 833    | 16601   | 0.26%  | 0.019% |
| 302 | 15.940 | 15.908 | 15.977 | VV | 22682  | 305282  | 4.80%  | 0.355% |
| 303 | 15.995 | 15.977 | 16.023 | VV | 471    | 9710    | 0.15%  | 0.011% |
| 304 | 16.029 | 16.023 | 16.042 | VV | 358    | 2470    | 0.04%  | 0.003% |
| 305 | 16.050 | 16.042 | 16.067 | VV | 232    | 1751    | 0.03%  | 0.002% |
| 306 | 16.106 | 16.067 | 16.110 | PV | 506    | 8117    | 0.13%  | 0.009% |
| 307 | 16.134 | 16.110 | 16.155 | VV | 942    | 16345   | 0.26%  | 0.019% |
| 308 | 16.161 | 16.155 | 16.173 | VV | 458    | 3238    | 0.05%  | 0.004% |
| 309 | 16.186 | 16.179 | 16.197 | VV | 339    | 2290    | 0.04%  | 0.003% |
| 310 | 16.226 | 16.197 | 16.243 | VV | 749    | 12067   | 0.19%  | 0.014% |
| 311 | 16.247 | 16.243 | 16.258 | VV | 596    | 3593    | 0.06%  | 0.004% |
| 312 | 16.287 | 16.258 | 16.299 | VV | 556    | 10849   | 0.17%  | 0.013% |
| 313 | 16.331 | 16.299 | 16.364 | VV | 1144   | 26344   | 0.41%  | 0.031% |
| 314 | 16.411 | 16.364 | 16.425 | VV | 235744 | 3002662 | 47.24% | 3.493% |
| 315 | 16.442 | 16.425 | 16.482 | VV | 254168 | 2897378 | 45.58% | 3.370% |
| 316 | 16.498 | 16.482 | 16.518 | VV | 1189   | 20629   | 0.32%  | 0.024% |
| 317 | 16.544 | 16.518 | 16.569 | VV | 4439   | 80534   | 1.27%  | 0.094% |
| 318 | 16.575 | 16.569 | 16.592 | VV | 1396   | 14192   | 0.22%  | 0.017% |
| 319 | 16.597 | 16.592 | 16.627 | VV | 823    | 12334   | 0.19%  | 0.014% |
| 320 | 16.658 | 16.627 | 16.675 | VV | 1878   | 29399   | 0.46%  | 0.034% |
| 321 | 16.727 | 16.675 | 16.752 | VV | 8482   | 130638  | 2.06%  | 0.152% |
| 322 | 16.789 | 16.752 | 16.832 | VV | 234900 | 2864143 | 45.06% | 3.332% |
| 323 | 16.885 | 16.832 | 16.917 | VV | 26825  | 361059  | 5.68%  | 0.420% |
| 324 | 16.935 | 16.917 | 16.980 | VV | 1613   | 32737   | 0.52%  | 0.038% |
| 325 | 16.992 | 16.980 | 17.008 | VV | 706    | 8237    | 0.13%  | 0.010% |
| 326 | 17.025 | 17.008 | 17.052 | VV | 977    | 18068   | 0.28%  | 0.021% |
| 327 | 17.057 | 17.052 | 17.072 | VV | 489    | 3853    | 0.06%  | 0.004% |
| 328 | 17.091 | 17.072 | 17.103 | VV | 459    | 6596    | 0.10%  | 0.008% |
| 329 | 17.150 | 17.103 | 17.218 | VV | 1853   | 59410   | 0.93%  | 0.069% |
| 330 | 17.249 | 17.218 | 17.261 | VV | 814    | 15617   | 0.25%  | 0.018% |
| 331 | 17.278 | 17.261 | 17.294 | VV | 1054   | 17250   | 0.27%  | 0.020% |
| 332 | 17.307 | 17.294 | 17.321 | VV | 1173   | 15635   | 0.25%  | 0.018% |
| 333 | 17.334 | 17.321 | 17.350 | VV | 1186   | 16075   | 0.25%  | 0.019% |
| 334 | 17.362 | 17.350 | 17.386 | VV | 791    | 13186   | 0.21%  | 0.015% |
| 335 | 17.390 | 17.386 | 17.408 | VV | 801    | 6223    | 0.10%  | 0.007% |
| 336 | 17.441 | 17.408 | 17.470 | VV | 1394   | 26836   | 0.42%  | 0.031% |
| 337 | 17.484 | 17.470 | 17.498 | VV | 574    | 6636    | 0.10%  | 0.008% |
| 338 | 17.511 | 17.498 | 17.539 | VV | 619    | 10287   | 0.16%  | 0.012% |
| 339 | 17.546 | 17.539 | 17.548 | VV | 654    | 2600    | 0.04%  | 0.003% |
| 340 | 17.555 | 17.548 | 17.579 | VV | 571    | 6509    | 0.10%  | 0.008% |
| 341 | 17.622 | 17.588 | 17.645 | VV | 482    | 6655    | 0.10%  | 0.008% |
| 342 | 17.657 | 17.645 | 17.682 | VV | 414    | 4361    | 0.07%  | 0.005% |
| 343 | 17.701 | 17.682 | 17.707 | VV | 378    | 3672    | 0.06%  | 0.004% |
| 344 | 17.736 | 17.707 | 17.742 | VV | 795    | 12813   | 0.20%  | 0.015% |
| 345 | 17.771 | 17.742 | 17.802 | VV | 20761  | 290713  | 4.57%  | 0.338% |
| 346 | 17.828 | 17.802 | 17.843 | PV | 508    | 7774    | 0.12%  | 0.009% |
| 347 | 17.862 | 17.843 | 17.898 | VV | 752    | 18426   | 0.29%  | 0.021% |
| 348 | 17.936 | 17.898 | 17.978 | VV | 1175   | 31038   | 0.49%  | 0.036% |
| 349 | 17.994 | 17.978 | 18.025 | VV | 532    | 8944    | 0.14%  | 0.010% |
| 350 | 18.057 | 18.025 | 18.083 | PV | 2108   | 35110   | 0.55%  | 0.041% |
| 351 | 18.088 | 18.083 | 18.103 | VV | 641    | 6090    | 0.10%  | 0.007% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 352 | 18.155 | 18.103 | 18.171 | VV | 228827 | 2936391 | 46.20% | 3.416% |
| 353 | 18.194 | 18.171 | 18.260 | VV | 219263 | 2757442 | 43.38% | 3.208% |
| 354 | 18.282 | 18.260 | 18.297 | VV | 2016   | 27973   | 0.44%  | 0.033% |
| 355 | 18.314 | 18.297 | 18.337 | VV | 2009   | 30773   | 0.48%  | 0.036% |
| 356 | 18.341 | 18.337 | 18.350 | VV | 561    | 3837    | 0.06%  | 0.004% |
| 357 | 18.355 | 18.350 | 18.368 | VV | 515    | 4134    | 0.07%  | 0.005% |
| 358 | 18.410 | 18.368 | 18.468 | VV | 215081 | 2729873 | 42.95% | 3.175% |
| 359 | 18.485 | 18.468 | 18.503 | VV | 952    | 12476   | 0.20%  | 0.015% |
| 360 | 18.531 | 18.503 | 18.556 | VV | 2782   | 40856   | 0.64%  | 0.048% |
| 361 | 18.601 | 18.556 | 18.647 | VV | 20418  | 290774  | 4.57%  | 0.338% |
| 362 | 18.652 | 18.647 | 18.657 | VV | 251    | 1095    | 0.02%  | 0.001% |
| 363 | 18.665 | 18.657 | 18.684 | VV | 279    | 3990    | 0.06%  | 0.005% |
| 364 | 18.706 | 18.684 | 18.728 | VV | 651    | 10062   | 0.16%  | 0.012% |
| 365 | 18.735 | 18.728 | 18.740 | VV | 276    | 1057    | 0.02%  | 0.001% |
| 366 | 18.757 | 18.740 | 18.769 | VV | 392    | 4327    | 0.07%  | 0.005% |
| 367 | 18.831 | 18.769 | 18.850 | VV | 682    | 11344   | 0.18%  | 0.013% |
| 368 | 18.873 | 18.850 | 18.892 | VV | 477    | 7730    | 0.12%  | 0.009% |
| 369 | 18.909 | 18.892 | 18.931 | PV | 530    | 6045    | 0.10%  | 0.007% |
| 370 | 18.959 | 18.939 | 18.980 | PV | 1656   | 21333   | 0.34%  | 0.025% |

Sum of corrected areas: 85967250

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