

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082523AL\  
Data File : FF013371.D  
Signal(s) : FID2B.ch  
Acq On : 25 Aug 2023 15:23  
Sample : 04160-01  
Misc :  
ALS Vial : 57 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         | 3.226       | 3.201        | 3.260      | BV       | 2157           | 25412        | 0.05%          | 0.001%        |
| 2         | 3.275       | 3.260        | 3.305      | VV       | 430            | 5620         | 0.01%          | 0.000%        |
| 3         | 3.318       | 3.305        | 3.369      | VV       | 131            | 2065         | 0.00%          | 0.000%        |
| 4         | 3.417       | 3.369        | 3.438      | PV       | 546            | 9799         | 0.02%          | 0.000%        |
| 5         | 3.458       | 3.438        | 3.480      | VV       | 458            | 5859         | 0.01%          | 0.000%        |
| 6         | 3.504       | 3.480        | 3.545      | VV       | 503            | 8995         | 0.02%          | 0.000%        |
| 7         | 3.573       | 3.545        | 3.585      | VV       | 286            | 4370         | 0.01%          | 0.000%        |
| 8         | 3.620       | 3.585        | 3.663      | VV       | 639            | 20212        | 0.04%          | 0.001%        |
| 9         | 3.679       | 3.663        | 3.686      | VV       | 356            | 4313         | 0.01%          | 0.000%        |
| 10        | 3.717       | 3.686        | 3.731      | VV       | 1959           | 39824        | 0.08%          | 0.002%        |
| 11        | 3.746       | 3.731        | 3.785      | VV       | 6875           | 71497        | 0.14%          | 0.004%        |
| 12        | 3.814       | 3.785        | 3.841      | VV       | 448            | 7737         | 0.01%          | 0.000%        |
| 13        | 3.863       | 3.841        | 3.885      | VV       | 5403           | 53667        | 0.10%          | 0.003%        |
| 14        | 3.912       | 3.885        | 3.939      | VV       | 389            | 8937         | 0.02%          | 0.000%        |
| 15        | 3.957       | 3.939        | 4.007      | VV       | 611            | 13097        | 0.02%          | 0.001%        |
| 16        | 4.023       | 4.007        | 4.051      | VV       | 1449           | 14713        | 0.03%          | 0.001%        |
| 17        | 4.072       | 4.051        | 4.097      | VV       | 1312           | 16882        | 0.03%          | 0.001%        |
| 18        | 4.116       | 4.097        | 4.142      | VV       | 1900           | 23789        | 0.05%          | 0.001%        |
| 19        | 4.164       | 4.142        | 4.205      | VV       | 1139           | 17145        | 0.03%          | 0.001%        |
| 20        | 4.235       | 4.205        | 4.321      | PV       | 54465          | 655827       | 1.24%          | 0.032%        |
| 21        | 4.340       | 4.321        | 4.385      | VV       | 1182           | 24027        | 0.05%          | 0.001%        |
| 22        | 4.421       | 4.385        | 4.434      | VV       | 504            | 9800         | 0.02%          | 0.000%        |
| 23        | 4.452       | 4.434        | 4.505      | VV       | 3652           | 60358        | 0.11%          | 0.003%        |
| 24        | 4.531       | 4.505        | 4.548      | VV       | 1018           | 15834        | 0.03%          | 0.001%        |
| 25        | 4.566       | 4.548        | 4.595      | VV       | 4470           | 50547        | 0.10%          | 0.003%        |
| 26        | 4.605       | 4.595        | 4.650      | VV       | 806            | 14002        | 0.03%          | 0.001%        |
| 27        | 4.697       | 4.650        | 4.707      | VV       | 2478           | 39698        | 0.08%          | 0.002%        |
| 28        | 4.718       | 4.707        | 4.797      | VV       | 2780           | 48400        | 0.09%          | 0.002%        |
| 29        | 4.817       | 4.797        | 4.861      | VV       | 954            | 17465        | 0.03%          | 0.001%        |
| 30        | 4.894       | 4.861        | 4.918      | VV       | 597            | 13209        | 0.03%          | 0.001%        |
| 31        | 4.933       | 4.918        | 4.982      | VV       | 595            | 19426        | 0.04%          | 0.001%        |
| 32        | 5.010       | 4.982        | 5.032      | VV       | 950            | 19884        | 0.04%          | 0.001%        |
| 33        | 5.044       | 5.032        | 5.062      | VV       | 676            | 8741         | 0.02%          | 0.000%        |
| 34        | 5.079       | 5.062        | 5.094      | VV       | 746            | 10316        | 0.02%          | 0.001%        |
| 35        | 5.109       | 5.094        | 5.128      | VV       | 1308           | 14561        | 0.03%          | 0.001%        |
| 36        | 5.147       | 5.128        | 5.198      | VV       | 456            | 11636        | 0.02%          | 0.001%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.224 | 5.198 | 5.268 | VV | 690    | 15821 | 0.03% | 0.001% |
| 38 | 5.284 | 5.268 | 5.325 | VV | 445    | 11072 | 0.02% | 0.001% |
| 39 | 5.346 | 5.325 | 5.385 | VV | 943    | 13830 | 0.03% | 0.001% |
| 40 | 5.410 | 5.385 | 5.430 | VV | 303    | 4519  | 0.01% | 0.000% |
| 41 | 5.471 | 5.430 | 5.498 | VV | 1277   | 18003 | 0.03% | 0.001% |
| 42 | 5.525 | 5.498 | 5.565 | VV | 1244   | 21701 | 0.04% | 0.001% |
| 43 | 5.575 | 5.565 | 5.596 | VV | 174    | 2181  | 0.00% | 0.000% |
| 44 | 5.608 | 5.596 | 5.622 | VV | 162    | 1474  | 0.00% | 0.000% |
| 45 | 5.634 | 5.622 | 5.645 | VV | 100    | 769   | 0.00% | 0.000% |
| 46 | 5.668 | 5.645 | 5.703 | PV | 1445   | 21000 | 0.04% | 0.001% |
| 47 | 5.720 | 5.703 | 5.755 | VV | 324    | 5405  | 0.01% | 0.000% |
| 48 | 5.781 | 5.755 | 5.825 | VV | 906    | 26214 | 0.05% | 0.001% |
| 49 | 5.852 | 5.825 | 5.871 | VV | 1016   | 18754 | 0.04% | 0.001% |
| 50 | 5.889 | 5.871 | 5.923 | VV | 5050   | 57112 | 0.11% | 0.003% |
| 51 | 5.933 | 5.923 | 5.946 | VV | 430    | 4753  | 0.01% | 0.000% |
| 52 | 5.974 | 5.946 | 5.984 | VV | 605    | 9314  | 0.02% | 0.000% |
| 53 | 5.997 | 5.984 | 6.025 | VV | 705    | 10555 | 0.02% | 0.001% |
| 54 | 6.045 | 6.025 | 6.091 | VV | 555    | 13268 | 0.03% | 0.001% |
| 55 | 6.104 | 6.091 | 6.123 | VV | 454    | 6072  | 0.01% | 0.000% |
| 56 | 6.139 | 6.123 | 6.165 | VV | 424    | 5121  | 0.01% | 0.000% |
| 57 | 6.196 | 6.165 | 6.213 | PV | 518    | 7670  | 0.01% | 0.000% |
| 58 | 6.236 | 6.213 | 6.285 | VV | 2896   | 45090 | 0.09% | 0.002% |
| 59 | 6.313 | 6.285 | 6.331 | VV | 1086   | 15563 | 0.03% | 0.001% |
| 60 | 6.344 | 6.331 | 6.365 | VV | 514    | 7408  | 0.01% | 0.000% |
| 61 | 6.385 | 6.365 | 6.395 | VV | 588    | 6463  | 0.01% | 0.000% |
| 62 | 6.410 | 6.395 | 6.451 | VV | 1133   | 14542 | 0.03% | 0.001% |
| 63 | 6.465 | 6.451 | 6.476 | VV | 316    | 2969  | 0.01% | 0.000% |
| 64 | 6.496 | 6.476 | 6.509 | VV | 866    | 10501 | 0.02% | 0.001% |
| 65 | 6.534 | 6.509 | 6.548 | VV | 1443   | 22582 | 0.04% | 0.001% |
| 66 | 6.558 | 6.548 | 6.580 | VV | 1054   | 16603 | 0.03% | 0.001% |
| 67 | 6.592 | 6.580 | 6.627 | VV | 1417   | 27850 | 0.05% | 0.001% |
| 68 | 6.639 | 6.627 | 6.670 | VV | 1188   | 20042 | 0.04% | 0.001% |
| 69 | 6.697 | 6.670 | 6.719 | VV | 1903   | 28797 | 0.05% | 0.001% |
| 70 | 6.731 | 6.719 | 6.754 | VV | 453    | 7141  | 0.01% | 0.000% |
| 71 | 6.777 | 6.754 | 6.811 | VV | 554    | 14085 | 0.03% | 0.001% |
| 72 | 6.826 | 6.811 | 6.835 | VV | 434    | 5139  | 0.01% | 0.000% |
| 73 | 6.851 | 6.835 | 6.875 | VV | 876    | 11956 | 0.02% | 0.001% |
| 74 | 6.891 | 6.875 | 6.933 | VV | 334    | 6518  | 0.01% | 0.000% |
| 75 | 6.961 | 6.933 | 6.991 | PV | 431    | 7831  | 0.01% | 0.000% |
| 76 | 7.025 | 6.991 | 7.048 | VV | 589    | 10593 | 0.02% | 0.001% |
| 77 | 7.062 | 7.048 | 7.072 | VV | 286    | 2869  | 0.01% | 0.000% |
| 78 | 7.089 | 7.072 | 7.111 | VV | 833    | 9327  | 0.02% | 0.000% |
| 79 | 7.146 | 7.111 | 7.154 | PV | 550    | 10362 | 0.02% | 0.001% |
| 80 | 7.176 | 7.154 | 7.207 | VV | 2248   | 40528 | 0.08% | 0.002% |
| 81 | 7.235 | 7.207 | 7.256 | VV | 2089   | 40136 | 0.08% | 0.002% |
| 82 | 7.268 | 7.256 | 7.295 | VV | 1066   | 11651 | 0.02% | 0.001% |
| 83 | 7.327 | 7.295 | 7.338 | PV | 1262   | 15169 | 0.03% | 0.001% |
| 84 | 7.352 | 7.338 | 7.402 | VV | 1579   | 39215 | 0.07% | 0.002% |
| 85 | 7.422 | 7.402 | 7.451 | VV | 1529   | 22081 | 0.04% | 0.001% |
| 86 | 7.468 | 7.451 | 7.491 | VV | 968    | 13113 | 0.02% | 0.001% |
| 87 | 7.512 | 7.491 | 7.531 | VV | 991    | 15124 | 0.03% | 0.001% |
| 88 | 7.544 | 7.531 | 7.574 | VV | 569    | 9701  | 0.02% | 0.000% |
| 89 | 7.647 | 7.574 | 7.679 | PV | 2489   | 57175 | 0.11% | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.688  | 7.679  | 7.701  | VV | 723    | 8080    | 0.02%  | 0.000% |
| 91  | 7.730  | 7.701  | 7.742  | VV | 600    | 12520   | 0.02%  | 0.001% |
| 92  | 7.818  | 7.742  | 7.845  | VV | 1470   | 49326   | 0.09%  | 0.002% |
| 93  | 7.870  | 7.845  | 7.886  | VV | 907    | 12872   | 0.02%  | 0.001% |
| 94  | 8.023  | 8.007  | 8.037  | VV | 1370   | 21604   | 0.04%  | 0.001% |
| 95  | 8.075  | 8.037  | 8.095  | VV | 3588   | 77926   | 0.15%  | 0.004% |
| 96  | 8.129  | 8.095  | 8.151  | VV | 2695   | 70967   | 0.13%  | 0.004% |
| 97  | 8.218  | 8.151  | 8.235  | VV | 4202   | 135438  | 0.26%  | 0.007% |
| 98  | 8.257  | 8.235  | 8.285  | VV | 7758   | 137065  | 0.26%  | 0.007% |
| 99  | 8.296  | 8.285  | 8.302  | VV | 2837   | 28297   | 0.05%  | 0.001% |
| 100 | 8.342  | 8.302  | 8.376  | VV | 8727   | 234290  | 0.44%  | 0.012% |
| 101 | 8.405  | 8.376  | 8.426  | VV | 9501   | 184906  | 0.35%  | 0.009% |
| 102 | 8.445  | 8.426  | 8.461  | VV | 8242   | 135581  | 0.26%  | 0.007% |
| 103 | 8.491  | 8.461  | 8.502  | VV | 7825   | 163715  | 0.31%  | 0.008% |
| 104 | 8.524  | 8.502  | 8.548  | VV | 11708  | 231919  | 0.44%  | 0.011% |
| 105 | 8.574  | 8.548  | 8.584  | VV | 6801   | 137869  | 0.26%  | 0.007% |
| 106 | 8.621  | 8.584  | 8.637  | VV | 8362   | 245500  | 0.47%  | 0.012% |
| 107 | 8.649  | 8.637  | 8.654  | VV | 7715   | 75454   | 0.14%  | 0.004% |
| 108 | 8.683  | 8.654  | 8.727  | VV | 33988  | 674174  | 1.28%  | 0.033% |
| 109 | 8.743  | 8.727  | 8.755  | VV | 9968   | 151667  | 0.29%  | 0.008% |
| 110 | 8.779  | 8.755  | 8.798  | VV | 14440  | 322802  | 0.61%  | 0.016% |
| 111 | 8.883  | 8.868  | 8.892  | VV | 15266  | 204496  | 0.39%  | 0.010% |
| 112 | 8.915  | 8.892  | 8.938  | VV | 25397  | 537826  | 1.02%  | 0.027% |
| 113 | 8.952  | 8.938  | 8.960  | VV | 16676  | 205106  | 0.39%  | 0.010% |
| 114 | 8.982  | 8.960  | 9.005  | VV | 54229  | 852690  | 1.62%  | 0.042% |
| 115 | 9.065  | 9.005  | 9.092  | VV | 43287  | 1579384 | 2.99%  | 0.078% |
| 116 | 9.112  | 9.092  | 9.127  | VV | 21059  | 414506  | 0.79%  | 0.021% |
| 117 | 9.148  | 9.127  | 9.166  | VV | 31616  | 603796  | 1.14%  | 0.030% |
| 118 | 9.179  | 9.166  | 9.190  | VV | 26632  | 372417  | 0.71%  | 0.018% |
| 119 | 9.213  | 9.190  | 9.232  | VV | 30876  | 683372  | 1.30%  | 0.034% |
| 120 | 9.271  | 9.232  | 9.282  | VV | 35824  | 874970  | 1.66%  | 0.043% |
| 121 | 9.297  | 9.282  | 9.320  | VV | 36571  | 799668  | 1.52%  | 0.040% |
| 122 | 9.343  | 9.320  | 9.407  | VV | 69887  | 2144874 | 4.07%  | 0.106% |
| 123 | 9.438  | 9.407  | 9.465  | VV | 41223  | 1193124 | 2.26%  | 0.059% |
| 124 | 9.495  | 9.465  | 9.521  | VV | 38303  | 1181631 | 2.24%  | 0.058% |
| 125 | 9.561  | 9.521  | 9.579  | VV | 43068  | 1325325 | 2.51%  | 0.066% |
| 126 | 9.591  | 9.579  | 9.611  | VV | 42463  | 796990  | 1.51%  | 0.039% |
| 127 | 9.660  | 9.611  | 9.695  | VV | 62391  | 2566980 | 4.87%  | 0.127% |
| 128 | 9.742  | 9.695  | 9.772  | VV | 107662 | 3209870 | 6.08%  | 0.159% |
| 129 | 9.803  | 9.772  | 9.842  | VV | 77407  | 2787668 | 5.28%  | 0.138% |
| 130 | 9.892  | 9.842  | 9.935  | VV | 85965  | 3737209 | 7.08%  | 0.185% |
| 131 | 9.959  | 9.935  | 9.989  | VV | 71142  | 2165894 | 4.11%  | 0.107% |
| 132 | 10.011 | 9.989  | 10.023 | VV | 67145  | 1328031 | 2.52%  | 0.066% |
| 133 | 10.045 | 10.023 | 10.061 | VV | 78424  | 1668049 | 3.16%  | 0.083% |
| 134 | 10.096 | 10.061 | 10.119 | VV | 101204 | 3062447 | 5.81%  | 0.152% |
| 135 | 10.136 | 10.119 | 10.159 | VV | 113017 | 2288457 | 4.34%  | 0.113% |
| 136 | 10.238 | 10.159 | 10.278 | VV | 109989 | 6901963 | 13.08% | 0.342% |
| 137 | 10.307 | 10.278 | 10.335 | VV | 108330 | 3474128 | 6.59%  | 0.172% |
| 138 | 10.369 | 10.335 | 10.392 | VV | 117912 | 3840902 | 7.28%  | 0.190% |
| 139 | 10.412 | 10.392 | 10.438 | VV | 120992 | 3211977 | 6.09%  | 0.159% |
| 140 | 10.486 | 10.438 | 10.495 | VV | 135465 | 4307140 | 8.16%  | 0.213% |
| 141 | 10.527 | 10.495 | 10.551 | VV | 289434 | 6853342 | 12.99% | 0.339% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 10.586 | 10.551 | 10.595 | VV | 174715  | 4324970  | 8.20%  | 0.214% |
| 143    | 10.601 | 10.595 | 10.639 | VV | 173243  | 4306264  | 8.16%  | 0.213% |
| 144    | 10.675 | 10.639 | 10.698 | VV | 186701  | 5739291  | 10.88% | 0.284% |
| 145    | 10.721 | 10.698 | 10.746 | VV | 169991  | 4706691  | 8.92%  | 0.233% |
| 146    | 10.776 | 10.746 | 10.785 | VV | 196622  | 4138300  | 7.84%  | 0.205% |
| 147    | 10.808 | 10.785 | 10.832 | VV | 213800  | 5663898  | 10.74% | 0.280% |
| 148    | 10.880 | 10.832 | 10.911 | VV | 276019  | 10729351 | 20.34% | 0.531% |
| 149    | 10.955 | 10.911 | 10.981 | VV | 687746  | 16025576 | 30.38% | 0.793% |
| 150    | 10.998 | 10.981 | 11.029 | VV | 281150  | 7415757  | 14.06% | 0.367% |
| 151    | 11.080 | 11.029 | 11.101 | VV | 270247  | 10669689 | 20.23% | 0.528% |
| 152    | 11.125 | 11.101 | 11.142 | VV | 291635  | 6646248  | 12.60% | 0.329% |
| 153    | 11.157 | 11.142 | 11.177 | VV | 286150  | 5815346  | 11.02% | 0.288% |
| 154    | 11.210 | 11.177 | 11.228 | VV | 305304  | 8833480  | 16.74% | 0.437% |
| 155    | 11.277 | 11.228 | 11.322 | VV | 365365  | 18166359 | 34.44% | 0.899% |
| 156    | 11.367 | 11.322 | 11.382 | VV | 377744  | 12193563 | 23.11% | 0.603% |
| 157    | 11.390 | 11.382 | 11.398 | VV | 347752  | 3321247  | 6.30%  | 0.164% |
| 158    | 11.416 | 11.398 | 11.430 | VV | 369238  | 6831813  | 12.95% | 0.338% |
| 159    | 11.444 | 11.430 | 11.461 | VV | 372879  | 6841015  | 12.97% | 0.339% |
| 160    | 11.480 | 11.461 | 11.495 | VV | 373543  | 7333451  | 13.90% | 0.363% |
| 161    | 11.559 | 11.495 | 11.571 | VV | 413968  | 17959160 | 34.04% | 0.889% |
| 162    | 11.587 | 11.571 | 11.627 | VV | 472345  | 14355626 | 27.21% | 0.710% |
| 163    | 11.684 | 11.627 | 11.715 | VV | 753351  | 27053202 | 51.28% | 1.339% |
| 164    | 11.747 | 11.715 | 11.771 | VV | 457660  | 14701167 | 27.87% | 0.727% |
| 165    | 11.791 | 11.771 | 11.808 | VV | 458127  | 9652837  | 18.30% | 0.478% |
| 166    | 11.905 | 11.808 | 11.931 | VV | 983569  | 41171381 | 78.04% | 2.037% |
| 167    | 11.964 | 11.931 | 11.976 | VV | 562583  | 13895978 | 26.34% | 0.688% |
| 168    | 11.993 | 11.976 | 12.011 | VV | 549604  | 11262783 | 21.35% | 0.557% |
| 169    | 12.056 | 12.011 | 12.068 | VV | 572171  | 18560742 | 35.18% | 0.918% |
| 170    | 12.090 | 12.068 | 12.130 | VV | 603798  | 21623005 | 40.99% | 1.070% |
| 171    | 12.148 | 12.130 | 12.187 | VV | 607920  | 20087396 | 38.08% | 0.994% |
| 172    | 12.208 | 12.187 | 12.220 | VV | 623878  | 11642299 | 22.07% | 0.576% |
| 173    | 12.247 | 12.220 | 12.321 | VV | 777434  | 39815270 | 75.47% | 1.970% |
| 174    | 12.340 | 12.321 | 12.353 | VV | 618515  | 11522342 | 21.84% | 0.570% |
| 175    | 12.391 | 12.353 | 12.440 | VV | 661364  | 33039995 | 62.63% | 1.635% |
| 176    | 12.466 | 12.440 | 12.474 | VV | 656017  | 12806171 | 24.28% | 0.634% |
| 177    | 12.494 | 12.474 | 12.511 | VV | 663222  | 14665533 | 27.80% | 0.726% |
| 178    | 12.576 | 12.511 | 12.609 | VV | 696991  | 39148574 | 74.21% | 1.937% |
| 179    | 12.626 | 12.609 | 12.644 | VV | 686619  | 13930653 | 26.41% | 0.689% |
| 180    | 12.667 | 12.644 | 12.711 | VV | 695334  | 27456327 | 52.05% | 1.359% |
| 181    | 12.768 | 12.711 | 12.801 | VV | 714046  | 37077539 | 70.28% | 1.835% |
| 182    | 12.829 | 12.801 | 12.861 | VV | 764810  | 25893936 | 49.08% | 1.281% |
| 183    | 12.871 | 12.861 | 12.887 | VV | 713715  | 11107841 | 21.06% | 0.550% |
| 184    | 12.910 | 12.887 | 12.943 | VV | 824522  | 24461023 | 46.37% | 1.210% |
| 185    | 12.959 | 12.943 | 12.989 | VV | 730038  | 19648465 | 37.25% | 0.972% |
| 186    | 13.015 | 12.989 | 13.037 | VV | 731366  | 20603774 | 39.06% | 1.020% |
| 187    | 13.056 | 13.037 | 13.093 | VV | 731283  | 23564320 | 44.67% | 1.166% |
| 188    | 13.177 | 13.093 | 13.215 | VV | 729192  | 50941368 | 96.56% | 2.521% |
| 189    | 13.236 | 13.215 | 13.247 | VV | 716584  | 13813557 | 26.18% | 0.684% |
| 190    | 13.266 | 13.247 | 13.281 | VV | 730026  | 14464048 | 27.42% | 0.716% |
| 191    | 13.296 | 13.281 | 13.307 | VV | 706409  | 10999500 | 20.85% | 0.544% |
| 192    | 13.355 | 13.307 | 13.381 | VV | 1039161 | 35626641 | 67.53% | 1.763% |
| 193    | 13.407 | 13.381 | 13.437 | VV | 827742  | 25948140 | 49.19% | 1.284% |
| 194    | 13.454 | 13.437 | 13.502 | VV | 739854  | 27776743 | 52.65% | 1.375% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 195 | 13.522 | 13.502 | 13.548 | VV | 758729 | 19850423 | 37.63%  | 0.982% |
| 196 | 13.567 | 13.548 | 13.586 | VV | 725149 | 15965379 | 30.26%  | 0.790% |
| 197 | 13.594 | 13.586 | 13.612 | VV | 706452 | 11013462 | 20.88%  | 0.545% |
| 198 | 13.626 | 13.612 | 13.670 | VV | 706763 | 24030346 | 45.55%  | 1.189% |
| 199 | 13.690 | 13.670 | 13.718 | VV | 734503 | 20432949 | 38.73%  | 1.011% |
| 200 | 13.746 | 13.718 | 13.774 | VV | 782494 | 24662068 | 46.75%  | 1.220% |
| 201 | 13.790 | 13.774 | 13.821 | VV | 731333 | 20225976 | 38.34%  | 1.001% |
| 202 | 13.832 | 13.821 | 13.878 | VV | 721478 | 23421991 | 44.40%  | 1.159% |
| 203 | 13.899 | 13.878 | 13.914 | VV | 686794 | 14910064 | 28.26%  | 0.738% |
| 204 | 13.961 | 13.914 | 13.984 | VV | 718651 | 29129158 | 55.22%  | 1.441% |
| 205 | 14.018 | 13.984 | 14.068 | VV | 713017 | 34225047 | 64.88%  | 1.694% |
| 206 | 14.108 | 14.068 | 14.139 | VV | 738110 | 28778141 | 54.55%  | 1.424% |
| 207 | 14.159 | 14.139 | 14.183 | VV | 665874 | 17208067 | 32.62%  | 0.852% |
| 208 | 14.191 | 14.183 | 14.209 | VV | 645928 | 10324472 | 19.57%  | 0.511% |
| 209 | 14.253 | 14.209 | 14.280 | VV | 672707 | 27308945 | 51.77%  | 1.351% |
| 210 | 14.292 | 14.280 | 14.303 | VV | 636152 | 8919998  | 16.91%  | 0.441% |
| 211 | 14.339 | 14.303 | 14.371 | VV | 715052 | 26914683 | 51.02%  | 1.332% |
| 212 | 14.400 | 14.371 | 14.455 | VV | 663961 | 31799228 | 60.28%  | 1.574% |
| 213 | 14.489 | 14.455 | 14.601 | VV | 639244 | 52754232 | 100.00% | 2.611% |
| 214 | 14.625 | 14.601 | 14.640 | VV | 584686 | 13381700 | 25.37%  | 0.662% |
| 215 | 14.664 | 14.640 | 14.711 | VV | 665057 | 25145755 | 47.67%  | 1.244% |
| 216 | 14.732 | 14.711 | 14.774 | VV | 597658 | 21415350 | 40.59%  | 1.060% |
| 217 | 14.793 | 14.774 | 14.852 | VV | 591454 | 25805529 | 48.92%  | 1.277% |
| 218 | 14.864 | 14.852 | 14.895 | VV | 530262 | 13198117 | 25.02%  | 0.653% |
| 219 | 14.923 | 14.895 | 14.998 | VV | 528939 | 31145868 | 59.04%  | 1.541% |
| 220 | 15.008 | 14.998 | 15.029 | VV | 473813 | 8854279  | 16.78%  | 0.438% |
| 221 | 15.040 | 15.029 | 15.074 | VV | 478879 | 12867667 | 24.39%  | 0.637% |
| 222 | 15.096 | 15.074 | 15.115 | VV | 475680 | 11242193 | 21.31%  | 0.556% |
| 223 | 15.128 | 15.115 | 15.165 | VV | 462218 | 13629108 | 25.84%  | 0.674% |
| 224 | 15.202 | 15.165 | 15.221 | VV | 506552 | 15532578 | 29.44%  | 0.769% |
| 225 | 15.230 | 15.221 | 15.279 | VV | 447739 | 15205062 | 28.82%  | 0.752% |
| 226 | 15.292 | 15.279 | 15.312 | VV | 426548 | 8344824  | 15.82%  | 0.413% |
| 227 | 15.342 | 15.312 | 15.381 | VV | 426588 | 16606264 | 31.48%  | 0.822% |
| 228 | 15.396 | 15.381 | 15.425 | VV | 398958 | 10082598 | 19.11%  | 0.499% |
| 229 | 15.451 | 15.425 | 15.505 | VV | 397468 | 18030638 | 34.18%  | 0.892% |
| 230 | 15.535 | 15.505 | 15.560 | VV | 373170 | 12017846 | 22.78%  | 0.595% |
| 231 | 15.584 | 15.560 | 15.611 | VV | 367325 | 10719899 | 20.32%  | 0.530% |
| 232 | 15.638 | 15.611 | 15.674 | VV | 347037 | 12570430 | 23.83%  | 0.622% |
| 233 | 15.718 | 15.674 | 15.783 | VV | 395656 | 22582070 | 42.81%  | 1.117% |
| 234 | 15.808 | 15.783 | 15.846 | VV | 413415 | 12616274 | 23.92%  | 0.624% |
| 235 | 15.862 | 15.846 | 15.885 | VV | 296941 | 6650406  | 12.61%  | 0.329% |
| 236 | 15.899 | 15.885 | 15.925 | VV | 280401 | 6514599  | 12.35%  | 0.322% |
| 237 | 15.941 | 15.925 | 15.961 | VV | 275532 | 5797081  | 10.99%  | 0.287% |
| 238 | 15.970 | 15.961 | 16.004 | VV | 264936 | 6718419  | 12.74%  | 0.332% |
| 239 | 16.037 | 16.004 | 16.160 | VV | 289727 | 23766874 | 45.05%  | 1.176% |
| 240 | 16.171 | 16.160 | 16.191 | VV | 231634 | 4308092  | 8.17%   | 0.213% |
| 241 | 16.218 | 16.191 | 16.293 | VV | 283158 | 14269367 | 27.05%  | 0.706% |
| 242 | 16.310 | 16.293 | 16.355 | VV | 208841 | 7420724  | 14.07%  | 0.367% |
| 243 | 16.412 | 16.355 | 16.482 | VV | 210969 | 15099590 | 28.62%  | 0.747% |
| 244 | 16.529 | 16.482 | 16.566 | VV | 210812 | 9746603  | 18.48%  | 0.482% |
| 245 | 16.585 | 16.566 | 16.598 | VV | 188026 | 3513188  | 6.66%   | 0.174% |
| 246 | 16.615 | 16.598 | 16.642 | VV | 193816 | 4821506  | 9.14%   | 0.239% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.650 | 16.642 | 16.668 | VV | 168834 | 2641016 | 5.01%  | 0.131% |
| 248    | 16.697 | 16.668 | 16.763 | VV | 211128 | 9713424 | 18.41% | 0.481% |
| 249    | 16.781 | 16.763 | 16.804 | VV | 155130 | 3731673 | 7.07%  | 0.185% |
| 250    | 16.837 | 16.804 | 16.857 | VV | 155233 | 4841015 | 9.18%  | 0.240% |
| 251    | 16.868 | 16.857 | 16.905 | VV | 154039 | 4187943 | 7.94%  | 0.207% |
| 252    | 16.920 | 16.905 | 16.946 | VV | 148703 | 3658080 | 6.93%  | 0.181% |
| 253    | 16.965 | 16.946 | 16.991 | VV | 142002 | 3742262 | 7.09%  | 0.185% |
| 254    | 17.003 | 16.991 | 17.078 | VV | 138934 | 6981853 | 13.23% | 0.345% |
| 255    | 17.087 | 17.078 | 17.105 | VV | 121677 | 1915399 | 3.63%  | 0.095% |
| 256    | 17.163 | 17.105 | 17.188 | VV | 162110 | 6572220 | 12.46% | 0.325% |
| 257    | 17.197 | 17.188 | 17.251 | VV | 134154 | 4599235 | 8.72%  | 0.228% |
| 258    | 17.297 | 17.251 | 17.362 | VV | 119792 | 7504235 | 14.22% | 0.371% |
| 259    | 17.407 | 17.362 | 17.458 | VV | 122399 | 6301386 | 11.94% | 0.312% |
| 260    | 17.492 | 17.458 | 17.518 | VV | 103281 | 3541553 | 6.71%  | 0.175% |
| 261    | 17.535 | 17.518 | 17.568 | VV | 98958  | 2886156 | 5.47%  | 0.143% |
| 262    | 17.612 | 17.568 | 17.678 | VV | 126236 | 6404810 | 12.14% | 0.317% |
| 263    | 17.695 | 17.678 | 17.704 | VV | 82298  | 1276391 | 2.42%  | 0.063% |
| 264    | 17.735 | 17.704 | 17.801 | VV | 98642  | 5037300 | 9.55%  | 0.249% |
| 265    | 17.820 | 17.801 | 17.854 | VV | 78189  | 2387614 | 4.53%  | 0.118% |
| 266    | 17.900 | 17.854 | 17.931 | VV | 76001  | 3393641 | 6.43%  | 0.168% |
| 267    | 17.948 | 17.931 | 17.968 | VV | 74438  | 1606734 | 3.05%  | 0.080% |
| 268    | 17.994 | 17.968 | 18.011 | VV | 71702  | 1812325 | 3.44%  | 0.090% |
| 269    | 18.048 | 18.011 | 18.085 | VV | 97151  | 3380554 | 6.41%  | 0.167% |
| 270    | 18.096 | 18.085 | 18.125 | VV | 65684  | 1530519 | 2.90%  | 0.076% |
| 271    | 18.137 | 18.125 | 18.155 | VV | 63079  | 1110745 | 2.11%  | 0.055% |
| 272    | 18.198 | 18.155 | 18.240 | VV | 84775  | 3604988 | 6.83%  | 0.178% |
| 273    | 18.260 | 18.240 | 18.310 | VV | 66396  | 2567264 | 4.87%  | 0.127% |
| 274    | 18.326 | 18.310 | 18.381 | VV | 58204  | 2378957 | 4.51%  | 0.118% |
| 275    | 18.408 | 18.381 | 18.446 | VV | 87519  | 2833647 | 5.37%  | 0.140% |
| 276    | 18.468 | 18.446 | 18.499 | VV | 77816  | 1976081 | 3.75%  | 0.098% |
| 277    | 18.522 | 18.499 | 18.538 | VV | 49202  | 1113133 | 2.11%  | 0.055% |
| 278    | 18.563 | 18.538 | 18.653 | VV | 72510  | 3396045 | 6.44%  | 0.168% |
| 279    | 18.674 | 18.653 | 18.696 | VV | 42632  | 1050381 | 1.99%  | 0.052% |
| 280    | 18.736 | 18.696 | 18.817 | VV | 45070  | 2918077 | 5.53%  | 0.144% |
| 281    | 18.876 | 18.817 | 18.952 | VV | 57330  | 3283402 | 6.22%  | 0.162% |
| 282    | 18.983 | 18.952 | 19.014 | VV | 41651  | 1379130 | 2.61%  | 0.068% |
| 283    | 19.028 | 19.014 | 19.061 | VV | 40146  | 1035189 | 1.96%  | 0.051% |
| 284    | 19.088 | 19.061 | 19.111 | VV | 34731  | 1019275 | 1.93%  | 0.050% |
| 285    | 19.119 | 19.111 | 19.191 | VV | 33443  | 1539776 | 2.92%  | 0.076% |
| 286    | 19.198 | 19.191 | 19.210 | VV | 30554  | 330637  | 0.63%  | 0.016% |
| 287    | 19.238 | 19.210 | 19.260 | VV | 53049  | 1283839 | 2.43%  | 0.064% |
| 288    | 19.274 | 19.260 | 19.340 | VV | 46591  | 1700007 | 3.22%  | 0.084% |
| 289    | 19.398 | 19.340 | 19.428 | VV | 30479  | 1504629 | 2.85%  | 0.074% |
| 290    | 19.464 | 19.428 | 19.489 | VV | 29184  | 1001790 | 1.90%  | 0.050% |
| 291    | 19.519 | 19.489 | 19.544 | VV | 31399  | 912125  | 1.73%  | 0.045% |
| 292    | 19.562 | 19.544 | 19.601 | VV | 27186  | 815387  | 1.55%  | 0.040% |
| 293    | 19.620 | 19.601 | 19.630 | VV | 22385  | 377272  | 0.72%  | 0.019% |
| 294    | 19.662 | 19.630 | 19.740 | VV | 29350  | 1658132 | 3.14%  | 0.082% |
| 295    | 19.776 | 19.740 | 19.803 | VV | 24542  | 851189  | 1.61%  | 0.042% |
| 296    | 19.828 | 19.803 | 19.859 | VV | 24220  | 739626  | 1.40%  | 0.037% |
| 297    | 19.898 | 19.859 | 19.925 | VV | 24596  | 883769  | 1.68%  | 0.044% |
| 298    | 19.938 | 19.925 | 19.989 | VV | 22072  | 817099  | 1.55%  | 0.040% |
| 299    | 20.030 | 19.989 | 20.053 | VV | 28294  | 945645  | 1.79%  | 0.047% |

|     |        |        |        |     |                                    |         |       |        |
|-----|--------|--------|--------|-----|------------------------------------|---------|-------|--------|
|     |        |        |        |     | rteres                             |         |       |        |
| 300 | 20.065 | 20.053 | 20.121 | VV  | 24305                              | 925235  | 1.75% | 0.046% |
| 301 | 20.139 | 20.121 | 20.164 | VV  | 21274                              | 526653  | 1.00% | 0.026% |
| 302 | 20.185 | 20.164 | 20.217 | VV  | 21491                              | 662166  | 1.26% | 0.033% |
| 303 | 20.246 | 20.217 | 20.316 | VV  | 23439                              | 1279395 | 2.43% | 0.063% |
| 304 | 20.398 | 20.316 | 20.432 | VV  | 26204                              | 1638497 | 3.11% | 0.081% |
| 305 | 20.454 | 20.432 | 20.486 | VV  | 27579                              | 788386  | 1.49% | 0.039% |
| 306 | 20.497 | 20.486 | 20.530 | VV  | 21989                              | 554682  | 1.05% | 0.027% |
| 307 | 20.559 | 20.530 | 20.625 | VV  | 24184                              | 1225082 | 2.32% | 0.061% |
| 308 | 20.663 | 20.625 | 20.721 | VV  | 22037                              | 1209320 | 2.29% | 0.060% |
| 309 | 20.750 | 20.721 | 20.821 | VV  | 23065                              | 1243715 | 2.36% | 0.062% |
| 310 | 20.857 | 20.821 | 20.954 | VV  | 22312                              | 1574072 | 2.98% | 0.078% |
| 311 | 20.977 | 20.954 | 21.071 | VV  | 19093                              | 1250546 | 2.37% | 0.062% |
| 312 | 21.090 | 21.071 | 21.104 | VV  | 16502                              | 316463  | 0.60% | 0.016% |
| 313 | 21.125 | 21.104 | 21.178 | VV  | 16615                              | 684742  | 1.30% | 0.034% |
| 314 | 21.186 | 21.178 | 21.192 | VV  | 14213                              | 112244  | 0.21% | 0.006% |
| 315 | 21.199 | 21.192 | 21.220 | VV  | 14152                              | 234629  | 0.44% | 0.012% |
| 316 | 21.240 | 21.220 | 21.325 | VV  | 15703                              | 847471  | 1.61% | 0.042% |
| 317 | 21.361 | 21.325 | 21.375 | VV  | 11697                              | 348267  | 0.66% | 0.017% |
| 318 | 21.401 | 21.375 | 21.481 | VV  | 11439                              | 689203  | 1.31% | 0.034% |
| 319 | 21.504 | 21.481 | 21.655 | VV  | 10975                              | 912898  | 1.73% | 0.045% |
| 320 | 21.676 | 21.655 | 21.711 | VV  | 7074                               | 221281  | 0.42% | 0.011% |
| 321 | 21.720 | 21.711 | 21.765 | VV  | 5773                               | 174674  | 0.33% | 0.009% |
| 322 | 21.778 | 21.765 | 21.804 | VV  | 5357                               | 114148  | 0.22% | 0.006% |
| 323 | 21.819 | 21.804 | 21.825 | VV  | 4658                               | 54235   | 0.10% | 0.003% |
| 324 | 21.838 | 21.825 | 21.895 | VV  | 4667                               | 161054  | 0.31% | 0.008% |
| 325 | 21.970 | 21.895 | 21.997 | VV  | 3395                               | 191430  | 0.36% | 0.009% |
| 326 | 22.008 | 21.997 | 22.121 | VV  | 3186                               | 143702  | 0.27% | 0.007% |
| 327 | 22.161 | 22.121 | 22.201 | VBA | 763                                | 60205   | 0.11% | 0.003% |
|     |        |        |        |     | Sum of corrected areas: 2020810337 |         |       |        |

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