

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050223AL\  
 Data File : FE041687.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 May 2023 22:37  
 Sample : 02572-01  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042123.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.045       | 3.004        | 3.061      | BV       | 85             | 996          | 0.01%          | 0.000%        |
| 2         | 3.080       | 3.061        | 3.121      | PV       | 463            | 5803         | 0.06%          | 0.002%        |
| 3         | 3.125       | 3.121        | 3.148      | VV       | 155            | 1039         | 0.01%          | 0.000%        |
| 4         | 3.164       | 3.148        | 3.183      | VV       | 76             | 1094         | 0.01%          | 0.000%        |
| 5         | 3.200       | 3.183        | 3.233      | PV       | 220            | 2835         | 0.03%          | 0.001%        |
| 6         | 3.248       | 3.233        | 3.264      | PV       | 122            | 1542         | 0.02%          | 0.001%        |
| 7         | 3.273       | 3.264        | 3.309      | VV       | 160            | 2462         | 0.03%          | 0.001%        |
| 8         | 3.348       | 3.309        | 3.364      | VV       | 181            | 3109         | 0.03%          | 0.001%        |
| 9         | 3.375       | 3.364        | 3.436      | VV       | 423            | 8577         | 0.10%          | 0.003%        |
| 10        | 3.469       | 3.436        | 3.524      | VV       | 244            | 5042         | 0.06%          | 0.002%        |
| 11        | 3.535       | 3.524        | 3.541      | VV       | 82             | 785          | 0.01%          | 0.000%        |
| 12        | 3.571       | 3.541        | 3.591      | VV       | 211            | 3372         | 0.04%          | 0.001%        |
| 13        | 3.601       | 3.591        | 3.611      | VV       | 66             | 909          | 0.01%          | 0.000%        |
| 14        | 3.624       | 3.611        | 3.638      | VV       | 96             | 1384         | 0.02%          | 0.000%        |
| 15        | 3.662       | 3.638        | 3.678      | VV       | 303            | 4633         | 0.05%          | 0.002%        |
| 16        | 3.707       | 3.678        | 3.724      | VV       | 672            | 11787        | 0.13%          | 0.004%        |
| 17        | 3.733       | 3.724        | 3.758      | VV       | 285            | 3386         | 0.04%          | 0.001%        |
| 18        | 3.796       | 3.758        | 3.811      | VV       | 671            | 10054        | 0.11%          | 0.003%        |
| 19        | 3.823       | 3.811        | 3.874      | VV       | 464            | 10148        | 0.11%          | 0.003%        |
| 20        | 3.937       | 3.874        | 3.974      | VV       | 424            | 11373        | 0.13%          | 0.004%        |
| 21        | 4.000       | 3.974        | 4.011      | VV       | 156            | 2541         | 0.03%          | 0.001%        |
| 22        | 4.037       | 4.011        | 4.111      | VV       | 204            | 7325         | 0.08%          | 0.002%        |
| 23        | 4.141       | 4.111        | 4.168      | VV       | 496            | 9746         | 0.11%          | 0.003%        |
| 24        | 4.182       | 4.168        | 4.217      | VV       | 1055           | 15172        | 0.17%          | 0.005%        |
| 25        | 4.242       | 4.217        | 4.286      | VV       | 465            | 10771        | 0.12%          | 0.004%        |
| 26        | 4.305       | 4.286        | 4.341      | VV       | 617            | 13095        | 0.15%          | 0.004%        |
| 27        | 4.349       | 4.341        | 4.354      | VV       | 419            | 3331         | 0.04%          | 0.001%        |
| 28        | 4.369       | 4.354        | 4.391      | VV       | 694            | 10062        | 0.11%          | 0.003%        |
| 29        | 4.418       | 4.391        | 4.464      | VV       | 368            | 9702         | 0.11%          | 0.003%        |
| 30        | 4.475       | 4.464        | 4.488      | VV       | 157            | 1943         | 0.02%          | 0.001%        |
| 31        | 4.493       | 4.488        | 4.523      | VV       | 148            | 2832         | 0.03%          | 0.001%        |
| 32        | 4.537       | 4.523        | 4.585      | VV       | 196            | 4741         | 0.05%          | 0.002%        |
| 33        | 4.606       | 4.585        | 4.624      | VV       | 338            | 4577         | 0.05%          | 0.002%        |
| 34        | 4.642       | 4.624        | 4.663      | VV       | 667            | 8591         | 0.10%          | 0.003%        |
| 35        | 4.679       | 4.663        | 4.713      | VV       | 341            | 7421         | 0.08%          | 0.002%        |
| 36        | 4.729       | 4.713        | 4.748      | VV       | 367            | 4747         | 0.05%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.765 | 4.748 | 4.808 | VV | 699    | 12722  | 0.14% | 0.004% |
| 38 | 4.835 | 4.808 | 4.905 | VV | 4259   | 70483  | 0.78% | 0.024% |
| 39 | 4.918 | 4.905 | 4.936 | VV | 356    | 5182   | 0.06% | 0.002% |
| 40 | 4.969 | 4.936 | 4.996 | VV | 707    | 14471  | 0.16% | 0.005% |
| 41 | 5.003 | 4.996 | 5.052 | VV | 303    | 7937   | 0.09% | 0.003% |
| 42 | 5.059 | 5.052 | 5.064 | VV | 242    | 1663   | 0.02% | 0.001% |
| 43 | 5.087 | 5.064 | 5.141 | VV | 374    | 13719  | 0.15% | 0.005% |
| 44 | 5.157 | 5.141 | 5.178 | VV | 271    | 4038   | 0.04% | 0.001% |
| 45 | 5.190 | 5.178 | 5.201 | VV | 131    | 1641   | 0.02% | 0.001% |
| 46 | 5.227 | 5.201 | 5.241 | VV | 328    | 5314   | 0.06% | 0.002% |
| 47 | 5.249 | 5.241 | 5.278 | VV | 291    | 4515   | 0.05% | 0.002% |
| 48 | 5.301 | 5.278 | 5.337 | VV | 467    | 8658   | 0.10% | 0.003% |
| 49 | 5.365 | 5.337 | 5.380 | VV | 229    | 4458   | 0.05% | 0.001% |
| 50 | 5.394 | 5.380 | 5.403 | VV | 145    | 1519   | 0.02% | 0.001% |
| 51 | 5.424 | 5.403 | 5.478 | VV | 363    | 7559   | 0.08% | 0.003% |
| 52 | 5.487 | 5.478 | 5.523 | VV | 264    | 5339   | 0.06% | 0.002% |
| 53 | 5.547 | 5.523 | 5.573 | VV | 1326   | 15025  | 0.17% | 0.005% |
| 54 | 5.588 | 5.573 | 5.602 | VV | 188    | 2765   | 0.03% | 0.001% |
| 55 | 5.621 | 5.602 | 5.664 | VV | 219    | 4466   | 0.05% | 0.001% |
| 56 | 5.681 | 5.664 | 5.718 | VV | 223    | 3998   | 0.04% | 0.001% |
| 57 | 5.746 | 5.718 | 5.755 | PV | 322    | 3453   | 0.04% | 0.001% |
| 58 | 5.763 | 5.755 | 5.780 | VV | 254    | 3270   | 0.04% | 0.001% |
| 59 | 5.798 | 5.780 | 5.828 | VV | 368    | 6708   | 0.07% | 0.002% |
| 60 | 5.845 | 5.828 | 5.878 | VV | 544    | 9165   | 0.10% | 0.003% |
| 61 | 5.940 | 5.878 | 5.964 | VV | 436    | 11488  | 0.13% | 0.004% |
| 62 | 5.991 | 5.964 | 6.000 | VV | 486    | 6810   | 0.08% | 0.002% |
| 63 | 6.015 | 6.000 | 6.043 | VV | 705    | 12779  | 0.14% | 0.004% |
| 64 | 6.059 | 6.043 | 6.112 | VV | 663    | 17886  | 0.20% | 0.006% |
| 65 | 6.129 | 6.112 | 6.144 | VV | 498    | 7241   | 0.08% | 0.002% |
| 66 | 6.154 | 6.144 | 6.188 | VV | 359    | 7046   | 0.08% | 0.002% |
| 67 | 6.217 | 6.188 | 6.234 | VV | 504    | 9126   | 0.10% | 0.003% |
| 68 | 6.249 | 6.234 | 6.264 | VV | 559    | 7485   | 0.08% | 0.002% |
| 69 | 6.275 | 6.264 | 6.290 | VV | 409    | 5265   | 0.06% | 0.002% |
| 70 | 6.316 | 6.290 | 6.347 | VV | 31401  | 301559 | 3.36% | 0.101% |
| 71 | 6.367 | 6.347 | 6.394 | VV | 1015   | 13681  | 0.15% | 0.005% |
| 72 | 6.428 | 6.394 | 6.450 | VV | 267    | 5029   | 0.06% | 0.002% |
| 73 | 6.486 | 6.450 | 6.516 | VV | 371    | 9953   | 0.11% | 0.003% |
| 74 | 6.544 | 6.516 | 6.585 | VV | 417    | 10654  | 0.12% | 0.004% |
| 75 | 6.613 | 6.585 | 6.650 | VV | 1079   | 17752  | 0.20% | 0.006% |
| 76 | 6.665 | 6.650 | 6.709 | VV | 294    | 7439   | 0.08% | 0.002% |
| 77 | 6.720 | 6.709 | 6.741 | VV | 233    | 3661   | 0.04% | 0.001% |
| 78 | 6.759 | 6.741 | 6.831 | VV | 2864   | 35764  | 0.40% | 0.012% |
| 79 | 6.858 | 6.831 | 6.877 | VV | 179    | 3311   | 0.04% | 0.001% |
| 80 | 6.935 | 6.877 | 6.946 | PV | 275    | 6559   | 0.07% | 0.002% |
| 81 | 6.963 | 6.946 | 6.992 | VV | 1307   | 15538  | 0.17% | 0.005% |
| 82 | 7.002 | 6.992 | 7.017 | VV | 135    | 1500   | 0.02% | 0.001% |
| 83 | 7.062 | 7.017 | 7.077 | PV | 258    | 4846   | 0.05% | 0.002% |
| 84 | 7.097 | 7.077 | 7.144 | VV | 770    | 12858  | 0.14% | 0.004% |
| 85 | 7.185 | 7.144 | 7.205 | VV | 624    | 10418  | 0.12% | 0.003% |
| 86 | 7.228 | 7.205 | 7.241 | VV | 314    | 5319   | 0.06% | 0.002% |
| 87 | 7.257 | 7.241 | 7.271 | VV | 1676   | 18713  | 0.21% | 0.006% |
| 88 | 7.280 | 7.271 | 7.300 | VV | 1067   | 13233  | 0.15% | 0.004% |
| 89 | 7.315 | 7.300 | 7.334 | VV | 567    | 8988   | 0.10% | 0.003% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.352  | 7.334  | 7.381  | VV | 364    | 6812   | 0.08% | 0.002% |
| 91  | 7.413  | 7.381  | 7.432  | VV | 9566   | 100381 | 1.12% | 0.033% |
| 92  | 7.440  | 7.432  | 7.450  | VV | 1279   | 11812  | 0.13% | 0.004% |
| 93  | 7.464  | 7.450  | 7.484  | VV | 2198   | 24844  | 0.28% | 0.008% |
| 94  | 7.504  | 7.484  | 7.528  | VV | 557    | 8697   | 0.10% | 0.003% |
| 95  | 7.551  | 7.528  | 7.577  | VV | 5744   | 58826  | 0.65% | 0.020% |
| 96  | 7.593  | 7.577  | 7.612  | VV | 791    | 10507  | 0.12% | 0.004% |
| 97  | 7.645  | 7.612  | 7.687  | VV | 625    | 14987  | 0.17% | 0.005% |
| 98  | 7.704  | 7.687  | 7.714  | VV | 589    | 6435   | 0.07% | 0.002% |
| 99  | 7.741  | 7.714  | 7.768  | VV | 878    | 17271  | 0.19% | 0.006% |
| 100 | 7.783  | 7.768  | 7.825  | VV | 463    | 9741   | 0.11% | 0.003% |
| 101 | 7.848  | 7.825  | 7.869  | VV | 1090   | 13511  | 0.15% | 0.005% |
| 102 | 7.901  | 7.869  | 7.934  | VV | 805    | 13836  | 0.15% | 0.005% |
| 103 | 7.941  | 7.934  | 7.991  | VV | 246    | 4572   | 0.05% | 0.002% |
| 104 | 8.153  | 8.114  | 8.199  | VV | 4453   | 67893  | 0.76% | 0.023% |
| 105 | 8.210  | 8.199  | 8.277  | VV | 424    | 12132  | 0.14% | 0.004% |
| 106 | 8.312  | 8.277  | 8.325  | PV | 2248   | 27551  | 0.31% | 0.009% |
| 107 | 8.337  | 8.325  | 8.390  | VV | 1603   | 25966  | 0.29% | 0.009% |
| 108 | 8.425  | 8.390  | 8.456  | VV | 2244   | 42644  | 0.47% | 0.014% |
| 109 | 8.480  | 8.456  | 8.511  | VV | 2380   | 38487  | 0.43% | 0.013% |
| 110 | 8.531  | 8.511  | 8.547  | VV | 3808   | 44566  | 0.50% | 0.015% |
| 111 | 8.559  | 8.547  | 8.574  | VV | 2338   | 24771  | 0.28% | 0.008% |
| 112 | 8.588  | 8.574  | 8.596  | VV | 1215   | 13613  | 0.15% | 0.005% |
| 113 | 8.607  | 8.596  | 8.625  | VV | 1373   | 17688  | 0.20% | 0.006% |
| 114 | 8.645  | 8.625  | 8.666  | VV | 3016   | 36083  | 0.40% | 0.012% |
| 115 | 8.718  | 8.666  | 8.756  | VV | 16384  | 222952 | 2.48% | 0.074% |
| 116 | 8.770  | 8.756  | 8.786  | VV | 1605   | 19804  | 0.22% | 0.007% |
| 117 | 8.804  | 8.786  | 8.820  | VV | 1140   | 15642  | 0.17% | 0.005% |
| 118 | 8.832  | 8.820  | 8.871  | VV | 705    | 9485   | 0.11% | 0.003% |
| 119 | 9.015  | 8.991  | 9.038  | VV | 38961  | 394243 | 4.39% | 0.131% |
| 120 | 9.061  | 9.038  | 9.114  | VV | 3544   | 69409  | 0.77% | 0.023% |
| 121 | 9.152  | 9.114  | 9.195  | VV | 2076   | 52507  | 0.58% | 0.018% |
| 122 | 9.258  | 9.195  | 9.269  | VV | 3407   | 64318  | 0.72% | 0.021% |
| 123 | 9.289  | 9.269  | 9.315  | VV | 28300  | 287912 | 3.21% | 0.096% |
| 124 | 9.356  | 9.315  | 9.372  | VV | 1668   | 36571  | 0.41% | 0.012% |
| 125 | 9.383  | 9.372  | 9.399  | VV | 1107   | 12496  | 0.14% | 0.004% |
| 126 | 9.432  | 9.399  | 9.454  | VV | 3182   | 43520  | 0.48% | 0.015% |
| 127 | 9.469  | 9.454  | 9.516  | VV | 2064   | 30946  | 0.34% | 0.010% |
| 128 | 9.527  | 9.516  | 9.543  | VV | 531    | 5121   | 0.06% | 0.002% |
| 129 | 9.569  | 9.543  | 9.576  | PV | 2034   | 23177  | 0.26% | 0.008% |
| 130 | 9.587  | 9.576  | 9.605  | VV | 2450   | 27656  | 0.31% | 0.009% |
| 131 | 9.617  | 9.605  | 9.633  | VV | 1278   | 12182  | 0.14% | 0.004% |
| 132 | 9.665  | 9.633  | 9.682  | VV | 1681   | 25501  | 0.28% | 0.009% |
| 133 | 9.696  | 9.682  | 9.705  | VV | 731    | 8233   | 0.09% | 0.003% |
| 134 | 9.722  | 9.705  | 9.739  | VV | 1758   | 21380  | 0.24% | 0.007% |
| 135 | 9.757  | 9.739  | 9.777  | VV | 2875   | 36229  | 0.40% | 0.012% |
| 136 | 9.804  | 9.777  | 9.860  | VV | 50065  | 520781 | 5.80% | 0.174% |
| 137 | 9.886  | 9.860  | 9.914  | VV | 2844   | 49388  | 0.55% | 0.016% |
| 138 | 9.956  | 9.914  | 9.976  | VV | 6334   | 109129 | 1.21% | 0.036% |
| 139 | 9.985  | 9.976  | 9.998  | VV | 2037   | 21016  | 0.23% | 0.007% |
| 140 | 10.017 | 9.998  | 10.051 | VV | 3466   | 51577  | 0.57% | 0.017% |
| 141 | 10.083 | 10.051 | 10.107 | VV | 49818  | 526106 | 5.86% | 0.175% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.128 | 10.107 | 10.152 | VV | 8491   | 109962  | 1.22%  | 0.037% |
| 143 | 10.164 | 10.152 | 10.195 | VV | 2266   | 37146   | 0.41%  | 0.012% |
| 144 | 10.227 | 10.195 | 10.271 | VV | 12209  | 215648  | 2.40%  | 0.072% |
| 145 | 10.292 | 10.271 | 10.341 | VV | 1845   | 35527   | 0.40%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.391 | 10.341 | 10.418 | VV | 1519   | 25046   | 0.28%  | 0.008% |
| 147 | 10.435 | 10.418 | 10.450 | VV | 457    | 4660    | 0.05%  | 0.002% |
| 148 | 10.492 | 10.450 | 10.528 | PV | 2699   | 38364   | 0.43%  | 0.013% |
| 149 | 10.558 | 10.528 | 10.591 | PV | 7713   | 123461  | 1.37%  | 0.041% |
| 150 | 10.606 | 10.591 | 10.629 | VV | 2974   | 38388   | 0.43%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.690 | 10.629 | 10.715 | VV | 7890   | 151491  | 1.69%  | 0.051% |
| 152 | 10.737 | 10.715 | 10.780 | VV | 5220   | 94279   | 1.05%  | 0.031% |
| 153 | 10.804 | 10.780 | 10.834 | VV | 12188  | 168013  | 1.87%  | 0.056% |
| 154 | 10.859 | 10.834 | 10.882 | VV | 46231  | 544192  | 6.06%  | 0.181% |
| 155 | 10.891 | 10.882 | 10.904 | VV | 6766   | 74718   | 0.83%  | 0.025% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.934 | 10.904 | 10.967 | VV | 6758   | 187934  | 2.09%  | 0.063% |
| 157 | 10.979 | 10.967 | 10.986 | VV | 5081   | 50222   | 0.56%  | 0.017% |
| 158 | 11.015 | 10.986 | 11.039 | VV | 23005  | 426154  | 4.74%  | 0.142% |
| 159 | 11.057 | 11.039 | 11.095 | VV | 17132  | 274913  | 3.06%  | 0.092% |
| 160 | 11.121 | 11.095 | 11.148 | VV | 12076  | 191998  | 2.14%  | 0.064% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.216 | 11.148 | 11.260 | VV | 471381 | 5126862 | 57.08% | 1.710% |
| 162 | 11.288 | 11.260 | 11.352 | VV | 139348 | 1571666 | 17.50% | 0.524% |
| 163 | 11.366 | 11.352 | 11.403 | VV | 2078   | 48269   | 0.54%  | 0.016% |
| 164 | 11.419 | 11.403 | 11.427 | VV | 1378   | 16773   | 0.19%  | 0.006% |
| 165 | 11.455 | 11.427 | 11.477 | VV | 14091  | 167524  | 1.86%  | 0.056% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.500 | 11.477 | 11.548 | VV | 43507  | 479843  | 5.34%  | 0.160% |
| 167 | 11.621 | 11.548 | 11.637 | PV | 4216   | 111655  | 1.24%  | 0.037% |
| 168 | 11.659 | 11.637 | 11.686 | VV | 8367   | 153082  | 1.70%  | 0.051% |
| 169 | 11.723 | 11.686 | 11.732 | VV | 8941   | 148641  | 1.65%  | 0.050% |
| 170 | 11.750 | 11.732 | 11.785 | VV | 14518  | 212538  | 2.37%  | 0.071% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.814 | 11.785 | 11.834 | VV | 7160   | 85885   | 0.96%  | 0.029% |
| 172 | 11.863 | 11.834 | 11.882 | VV | 5047   | 73315   | 0.82%  | 0.024% |
| 173 | 11.905 | 11.882 | 11.933 | VV | 6457   | 95683   | 1.07%  | 0.032% |
| 174 | 11.983 | 11.933 | 12.004 | VV | 450009 | 4855254 | 54.05% | 1.619% |
| 175 | 12.018 | 12.004 | 12.032 | VV | 33528  | 368088  | 4.10%  | 0.123% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.048 | 12.032 | 12.091 | VV | 47906  | 547490  | 6.09%  | 0.183% |
| 177 | 12.133 | 12.091 | 12.152 | VV | 53466  | 756315  | 8.42%  | 0.252% |
| 178 | 12.167 | 12.152 | 12.181 | VV | 21299  | 250602  | 2.79%  | 0.084% |
| 179 | 12.197 | 12.181 | 12.224 | VV | 29316  | 348460  | 3.88%  | 0.116% |
| 180 | 12.242 | 12.224 | 12.250 | VV | 3596   | 37129   | 0.41%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.276 | 12.250 | 12.295 | VV | 5976   | 110579  | 1.23%  | 0.037% |
| 182 | 12.333 | 12.295 | 12.348 | VV | 7818   | 147144  | 1.64%  | 0.049% |
| 183 | 12.373 | 12.348 | 12.396 | VV | 115226 | 1245408 | 13.86% | 0.415% |
| 184 | 12.407 | 12.396 | 12.462 | VV | 6543   | 186053  | 2.07%  | 0.062% |
| 185 | 12.488 | 12.462 | 12.511 | VV | 43602  | 498257  | 5.55%  | 0.166% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.526 | 12.511 | 12.554 | VV | 3633   | 86345   | 0.96%  | 0.029% |
| 187 | 12.578 | 12.554 | 12.614 | VV | 66685  | 767205  | 8.54%  | 0.256% |
| 188 | 12.644 | 12.614 | 12.680 | VV | 11010  | 188818  | 2.10%  | 0.063% |
| 189 | 12.693 | 12.680 | 12.705 | VV | 2479   | 29866   | 0.33%  | 0.010% |
| 190 | 12.740 | 12.705 | 12.781 | VV | 6963   | 191107  | 2.13%  | 0.064% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.811 | 12.781 | 12.845 | VV | 10479  | 238778  | 2.66%  | 0.080% |
| 192 | 12.869 | 12.845 | 12.898 | VV | 58027  | 694851  | 7.74%  | 0.232% |
| 193 | 12.921 | 12.898 | 12.941 | VV | 21369  | 288948  | 3.22%  | 0.096% |
| 194 | 12.974 | 12.941 | 13.006 | VV | 18082  | 427368  | 4.76%  | 0.143% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 195    | 13.045 | 13.006 | 13.077 | VV | 756171 | 8982666 | 100.00% | 2.996% |
| 196    | 13.097 | 13.077 | 13.119 | VV | 14170  | 167132  | 1.86%   | 0.056% |
| 197    | 13.200 | 13.119 | 13.212 | VV | 19721  | 443164  | 4.93%   | 0.148% |
| 198    | 13.224 | 13.212 | 13.233 | VV | 21012  | 235117  | 2.62%   | 0.078% |
| 199    | 13.244 | 13.233 | 13.308 | VV | 22926  | 457793  | 5.10%   | 0.153% |
| 200    | 13.344 | 13.308 | 13.369 | VV | 668036 | 7830477 | 87.17%  | 2.611% |
| 201    | 13.420 | 13.369 | 13.455 | VV | 390229 | 5192210 | 57.80%  | 1.732% |
| 202    | 13.474 | 13.455 | 13.487 | VV | 4907   | 71659   | 0.80%   | 0.024% |
| 203    | 13.532 | 13.487 | 13.558 | VV | 38975  | 760132  | 8.46%   | 0.253% |
| 204    | 13.600 | 13.558 | 13.623 | PV | 45530  | 682640  | 7.60%   | 0.228% |
| 205    | 13.646 | 13.623 | 13.657 | VV | 14271  | 217090  | 2.42%   | 0.072% |
| 206    | 13.671 | 13.657 | 13.695 | VV | 15017  | 236999  | 2.64%   | 0.079% |
| 207    | 13.732 | 13.695 | 13.771 | VV | 15498  | 332642  | 3.70%   | 0.111% |
| 208    | 13.800 | 13.771 | 13.831 | VV | 47988  | 921463  | 10.26%  | 0.307% |
| 209    | 13.842 | 13.831 | 13.874 | VV | 6477   | 126911  | 1.41%   | 0.042% |
| 210    | 13.924 | 13.874 | 13.960 | VV | 88341  | 1559268 | 17.36%  | 0.520% |
| 211    | 13.992 | 13.960 | 14.007 | VV | 13593  | 210404  | 2.34%   | 0.070% |
| 212    | 14.032 | 14.007 | 14.053 | VV | 56677  | 782516  | 8.71%   | 0.261% |
| 213    | 14.072 | 14.053 | 14.095 | VV | 43308  | 576279  | 6.42%   | 0.192% |
| 214    | 14.114 | 14.095 | 14.135 | VV | 18280  | 285462  | 3.18%   | 0.095% |
| 215    | 14.170 | 14.135 | 14.188 | VV | 26607  | 583400  | 6.49%   | 0.195% |
| 216    | 14.202 | 14.188 | 14.221 | VV | 42244  | 574121  | 6.39%   | 0.191% |
| 217    | 14.241 | 14.221 | 14.280 | VV | 34281  | 580818  | 6.47%   | 0.194% |
| 218    | 14.317 | 14.280 | 14.335 | VV | 11494  | 243394  | 2.71%   | 0.081% |
| 219    | 14.356 | 14.335 | 14.382 | VV | 9321   | 210684  | 2.35%   | 0.070% |
| 220    | 14.405 | 14.382 | 14.434 | VV | 10797  | 225148  | 2.51%   | 0.075% |
| 221    | 14.453 | 14.434 | 14.469 | VV | 5985   | 101473  | 1.13%   | 0.034% |
| 222    | 14.508 | 14.469 | 14.525 | VV | 5732   | 149766  | 1.67%   | 0.050% |
| 223    | 14.533 | 14.525 | 14.550 | VV | 4567   | 63473   | 0.71%   | 0.021% |
| 224    | 14.565 | 14.550 | 14.576 | VV | 5306   | 65458   | 0.73%   | 0.022% |
| 225    | 14.613 | 14.576 | 14.635 | VV | 19290  | 459308  | 5.11%   | 0.153% |
| 226    | 14.658 | 14.635 | 14.696 | VV | 67070  | 1045215 | 11.64%  | 0.349% |
| 227    | 14.706 | 14.696 | 14.718 | VV | 10029  | 120879  | 1.35%   | 0.040% |
| 228    | 14.736 | 14.718 | 14.753 | VV | 23953  | 354618  | 3.95%   | 0.118% |
| 229    | 14.761 | 14.753 | 14.797 | VV | 14401  | 289686  | 3.22%   | 0.097% |
| 230    | 14.839 | 14.797 | 14.876 | VV | 47432  | 1075899 | 11.98%  | 0.359% |
| 231    | 14.904 | 14.876 | 14.926 | VV | 95274  | 1299631 | 14.47%  | 0.433% |
| 232    | 14.962 | 14.926 | 14.986 | VV | 61740  | 1135366 | 12.64%  | 0.379% |
| 233    | 15.027 | 14.986 | 15.048 | VV | 13838  | 431997  | 4.81%   | 0.144% |
| 234    | 15.087 | 15.048 | 15.140 | VV | 17838  | 571252  | 6.36%   | 0.191% |
| 235    | 15.166 | 15.140 | 15.184 | VV | 22787  | 358154  | 3.99%   | 0.119% |
| 236    | 15.217 | 15.184 | 15.234 | VV | 206073 | 2874478 | 32.00%  | 0.959% |
| 237    | 15.261 | 15.234 | 15.291 | VV | 319451 | 4764896 | 53.05%  | 1.589% |
| 238    | 15.305 | 15.291 | 15.316 | VV | 17778  | 215028  | 2.39%   | 0.072% |
| 239    | 15.328 | 15.316 | 15.342 | VV | 17757  | 241759  | 2.69%   | 0.081% |
| 240    | 15.378 | 15.342 | 15.431 | VV | 54413  | 1290713 | 14.37%  | 0.430% |
| 241    | 15.452 | 15.431 | 15.490 | VV | 19503  | 440615  | 4.91%   | 0.147% |
| 242    | 15.519 | 15.490 | 15.540 | VV | 22081  | 486281  | 5.41%   | 0.162% |
| 243    | 15.557 | 15.540 | 15.604 | VV | 26814  | 711432  | 7.92%   | 0.237% |
| 244    | 15.660 | 15.604 | 15.688 | VV | 36625  | 1033427 | 11.50%  | 0.345% |
| 245    | 15.704 | 15.688 | 15.745 | VV | 24888  | 579314  | 6.45%   | 0.193% |
| 246    | 15.796 | 15.745 | 15.826 | VV | 43539  | 1045688 | 11.64%  | 0.349% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.888 | 15.826 | 15.910 | VV | 57355  | 1689083 | 18.80% | 0.563% |
| 248    | 15.927 | 15.910 | 15.956 | VV | 32536  | 581829  | 6.48%  | 0.194% |
| 249    | 15.972 | 15.956 | 15.986 | VV | 17202  | 271519  | 3.02%  | 0.091% |
| 250    | 16.048 | 15.986 | 16.088 | VV | 39748  | 1415624 | 15.76% | 0.472% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.127 | 16.088 | 16.153 | VV | 34404  | 763055  | 8.49%  | 0.254% |
| 252    | 16.211 | 16.153 | 16.226 | VV | 23772  | 707883  | 7.88%  | 0.236% |
| 253    | 16.242 | 16.226 | 16.268 | VV | 27197  | 495763  | 5.52%  | 0.165% |
| 254    | 16.301 | 16.268 | 16.324 | VV | 30838  | 730492  | 8.13%  | 0.244% |
| 255    | 16.330 | 16.324 | 16.349 | VV | 20630  | 256135  | 2.85%  | 0.085% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.362 | 16.349 | 16.376 | VV | 15037  | 244082  | 2.72%  | 0.081% |
| 257    | 16.392 | 16.376 | 16.413 | VV | 15443  | 330743  | 3.68%  | 0.110% |
| 258    | 16.423 | 16.413 | 16.441 | VV | 15713  | 249090  | 2.77%  | 0.083% |
| 259    | 16.499 | 16.441 | 16.539 | VV | 30463  | 1189885 | 13.25% | 0.397% |
| 260    | 16.559 | 16.539 | 16.574 | VV | 27718  | 491000  | 5.47%  | 0.164% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.607 | 16.574 | 16.628 | VV | 28275  | 786828  | 8.76%  | 0.262% |
| 262    | 16.639 | 16.628 | 16.651 | VV | 22988  | 305093  | 3.40%  | 0.102% |
| 263    | 16.700 | 16.651 | 16.728 | VV | 38298  | 1339845 | 14.92% | 0.447% |
| 264    | 16.781 | 16.728 | 16.799 | VV | 266526 | 4443545 | 49.47% | 1.482% |
| 265    | 16.806 | 16.799 | 16.835 | VV | 123162 | 1445172 | 16.09% | 0.482% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.863 | 16.835 | 16.883 | VV | 30117  | 761915  | 8.48%  | 0.254% |
| 267    | 16.906 | 16.883 | 16.927 | VV | 56515  | 1008772 | 11.23% | 0.336% |
| 268    | 16.945 | 16.927 | 16.979 | VV | 34400  | 943422  | 10.50% | 0.315% |
| 269    | 16.994 | 16.979 | 17.011 | VV | 28485  | 529857  | 5.90%  | 0.177% |
| 270    | 17.026 | 17.011 | 17.039 | VV | 28862  | 463092  | 5.16%  | 0.154% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.099 | 17.039 | 17.127 | VV | 136366 | 4037484 | 44.95% | 1.346% |
| 272    | 17.158 | 17.127 | 17.199 | VV | 137165 | 2525337 | 28.11% | 0.842% |
| 273    | 17.256 | 17.199 | 17.290 | VV | 69072  | 2198431 | 24.47% | 0.733% |
| 274    | 17.306 | 17.290 | 17.341 | VV | 35460  | 1026665 | 11.43% | 0.342% |
| 275    | 17.366 | 17.341 | 17.382 | VV | 38472  | 831900  | 9.26%  | 0.277% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.401 | 17.382 | 17.447 | VV | 36547  | 1303552 | 14.51% | 0.435% |
| 277    | 17.462 | 17.447 | 17.478 | VV | 33098  | 586170  | 6.53%  | 0.195% |
| 278    | 17.516 | 17.478 | 17.548 | VV | 51866  | 1701899 | 18.95% | 0.568% |
| 279    | 17.564 | 17.548 | 17.603 | VV | 39839  | 1154866 | 12.86% | 0.385% |
| 280    | 17.624 | 17.603 | 17.634 | VV | 38879  | 671190  | 7.47%  | 0.224% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.653 | 17.634 | 17.664 | VV | 43539  | 722406  | 8.04%  | 0.241% |
| 282    | 17.699 | 17.664 | 17.724 | VV | 55510  | 1643931 | 18.30% | 0.548% |
| 283    | 17.743 | 17.724 | 17.761 | VV | 39886  | 824352  | 9.18%  | 0.275% |
| 284    | 17.776 | 17.761 | 17.794 | VV | 37809  | 699929  | 7.79%  | 0.233% |
| 285    | 17.818 | 17.794 | 17.851 | VV | 48001  | 1338760 | 14.90% | 0.446% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.877 | 17.851 | 17.897 | VV | 37288  | 982751  | 10.94% | 0.328% |
| 287    | 17.912 | 17.897 | 17.924 | VV | 35381  | 555789  | 6.19%  | 0.185% |
| 288    | 17.941 | 17.924 | 17.960 | VV | 35213  | 724127  | 8.06%  | 0.241% |
| 289    | 17.976 | 17.960 | 17.990 | VV | 36722  | 623554  | 6.94%  | 0.208% |
| 290    | 18.003 | 17.990 | 18.018 | VV | 36445  | 575609  | 6.41%  | 0.192% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.039 | 18.018 | 18.048 | VV | 37977  | 629834  | 7.01%  | 0.210% |
| 292    | 18.140 | 18.048 | 18.172 | VV | 57036  | 3206522 | 35.70% | 1.069% |
| 293    | 18.228 | 18.172 | 18.244 | VV | 46671  | 1801771 | 20.06% | 0.601% |
| 294    | 18.253 | 18.244 | 18.265 | VV | 45498  | 550979  | 6.13%  | 0.184% |
| 295    | 18.292 | 18.265 | 18.356 | VV | 68740  | 2813793 | 31.32% | 0.938% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.373 | 18.356 | 18.401 | VV | 44228  | 1153187 | 12.84% | 0.385% |
| 297    | 18.435 | 18.401 | 18.451 | VV | 62062  | 1488263 | 16.57% | 0.496% |
| 298    | 18.461 | 18.451 | 18.484 | VV | 54080  | 1023200 | 11.39% | 0.341% |
| 299    | 18.526 | 18.484 | 18.545 | VV | 117068 | 2747143 | 30.58% | 0.916% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.562 | 18.545 | 18.595 | VV | 91531  | 2080370 | 23.16% | 0.694% |
| 301 | 18.611 | 18.595 | 18.624 | VV | 50326  | 839657  | 9.35%  | 0.280% |
| 302 | 18.661 | 18.624 | 18.680 | VV | 82597  | 2074488 | 23.09% | 0.692% |
| 303 | 18.691 | 18.680 | 18.750 | VV | 63370  | 2160964 | 24.06% | 0.721% |
| 304 | 18.783 | 18.750 | 18.809 | VV | 109910 | 2395644 | 26.67% | 0.799% |
| 305 | 18.819 | 18.809 | 18.834 | VV | 49358  | 744569  | 8.29%  | 0.248% |
| 306 | 18.864 | 18.834 | 18.880 | VV | 54502  | 1374430 | 15.30% | 0.458% |
| 307 | 18.913 | 18.880 | 18.944 | VV | 66479  | 2104689 | 23.43% | 0.702% |
| 308 | 18.971 | 18.944 | 19.014 | VV | 65578  | 2264079 | 25.20% | 0.755% |
| 309 | 19.029 | 19.014 | 19.043 | VV | 49314  | 844272  | 9.40%  | 0.282% |
| 310 | 19.084 | 19.043 | 19.108 | VV | 68849  | 2253487 | 25.09% | 0.752% |
| 311 | 19.131 | 19.108 | 19.172 | VV | 61421  | 2156261 | 24.00% | 0.719% |
| 312 | 19.184 | 19.172 | 19.197 | VV | 54499  | 811565  | 9.03%  | 0.271% |
| 313 | 19.216 | 19.197 | 19.234 | VV | 58267  | 1257950 | 14.00% | 0.420% |
| 314 | 19.256 | 19.234 | 19.283 | VV | 57039  | 1629604 | 18.14% | 0.543% |
| 315 | 19.336 | 19.283 | 19.354 | VV | 82622  | 2874887 | 32.00% | 0.959% |
| 316 | 19.368 | 19.354 | 19.396 | VV | 78035  | 1749120 | 19.47% | 0.583% |
| 317 | 19.410 | 19.396 | 19.440 | VV | 63032  | 1633097 | 18.18% | 0.545% |
| 318 | 19.485 | 19.440 | 19.530 | VV | 67673  | 3451945 | 38.43% | 1.151% |
| 319 | 19.573 | 19.530 | 19.601 | VV | 62048  | 2556798 | 28.46% | 0.853% |
| 320 | 19.631 | 19.601 | 19.650 | VV | 64383  | 1857100 | 20.67% | 0.619% |
| 321 | 19.662 | 19.650 | 19.701 | VV | 63517  | 1891082 | 21.05% | 0.631% |
| 322 | 19.757 | 19.701 | 19.778 | VV | 72699  | 3000652 | 33.40% | 1.001% |
| 323 | 19.796 | 19.778 | 19.808 | VV | 74547  | 1291239 | 14.37% | 0.431% |
| 324 | 19.823 | 19.808 | 19.848 | VV | 76389  | 1710168 | 19.04% | 0.570% |
| 325 | 19.870 | 19.848 | 19.909 | VV | 74382  | 2573051 | 28.64% | 0.858% |
| 326 | 19.938 | 19.909 | 19.965 | VV | 89900  | 2616758 | 29.13% | 0.873% |
| 327 | 20.008 | 19.965 | 20.034 | VV | 87034  | 3297253 | 36.71% | 1.100% |
| 328 | 20.049 | 20.034 | 20.080 | VV | 80070  | 2119522 | 23.60% | 0.707% |
| 329 | 20.132 | 20.080 | 20.151 | VV | 85926  | 3412232 | 37.99% | 1.138% |
| 330 | 20.160 | 20.151 | 20.170 | VV | 78168  | 876569  | 9.76%  | 0.292% |
| 331 | 20.188 | 20.170 | 20.211 | VV | 81870  | 1913062 | 21.30% | 0.638% |
| 332 | 20.219 | 20.211 | 20.252 | VV | 77877  | 1887729 | 21.02% | 0.630% |
| 333 | 20.318 | 20.252 | 20.343 | VV | 96441  | 4625241 | 51.49% | 1.542% |
| 334 | 20.377 | 20.343 | 20.397 | VV | 96011  | 2890598 | 32.18% | 0.964% |
| 335 | 20.411 | 20.397 | 20.432 | VV | 91767  | 1882838 | 20.96% | 0.628% |
| 336 | 20.456 | 20.432 | 20.473 | VV | 87213  | 2084952 | 23.21% | 0.695% |
| 337 | 20.501 | 20.473 | 20.541 | VV | 89451  | 3470399 | 38.63% | 1.157% |
| 338 | 20.581 | 20.541 | 20.597 | VV | 91579  | 2939088 | 32.72% | 0.980% |
| 339 | 20.610 | 20.597 | 20.621 | VV | 89516  | 1290397 | 14.37% | 0.430% |
| 340 | 20.665 | 20.621 | 20.698 | VV | 100923 | 4374125 | 48.70% | 1.459% |
| 341 | 20.711 | 20.698 | 20.772 | VV | 94418  | 3997354 | 44.50% | 1.333% |
| 342 | 20.785 | 20.772 | 20.804 | VV | 88873  | 1681522 | 18.72% | 0.561% |
| 343 | 20.815 | 20.804 | 20.829 | VV | 88825  | 1267230 | 14.11% | 0.423% |
| 344 | 20.859 | 20.829 | 20.903 | VV | 94977  | 4039598 | 44.97% | 1.347% |
| 345 | 20.928 | 20.903 | 20.945 | VV | 88620  | 2225736 | 24.78% | 0.742% |
| 346 | 20.968 | 20.945 | 21.056 | VV | 91136  | 5802904 | 64.60% | 1.935% |
| 347 | 21.067 | 21.056 | 21.109 | VV | 82166  | 2583830 | 28.76% | 0.862% |
| 348 | 21.117 | 21.109 | 21.139 | VV | 80677  | 1439382 | 16.02% | 0.480% |
| 349 | 21.153 | 21.139 | 21.184 | VV | 80582  | 2148262 | 23.92% | 0.716% |
| 350 | 21.195 | 21.184 | 21.218 | VV | 79830  | 1554120 | 17.30% | 0.518% |
| 351 | 21.262 | 21.218 | 21.291 | VV | 81964  | 3480278 | 38.74% | 1.161% |

|     |        |        |        |     |       |                         |           |        |
|-----|--------|--------|--------|-----|-------|-------------------------|-----------|--------|
|     |        |        |        |     |       | rters                   |           |        |
| 352 | 21.322 | 21.291 | 21.408 | VV  | 75253 | 5114006                 | 56.93%    | 1.705% |
| 353 | 21.434 | 21.408 | 21.467 | VV  | 74518 | 2536613                 | 28.24%    | 0.846% |
| 354 | 21.493 | 21.467 | 21.508 | VV  | 71962 | 1740492                 | 19.38%    | 0.580% |
| 355 | 21.546 | 21.508 | 21.599 | VV  | 72168 | 3806921                 | 42.38%    | 1.270% |
| 356 | 21.608 | 21.599 | 21.624 | VV  | 68728 | 1046609                 | 11.65%    | 0.349% |
| 357 | 21.632 | 21.624 | 21.665 | VV  | 70046 | 1628306                 | 18.13%    | 0.543% |
| 358 | 21.704 | 21.665 | 21.714 | VV  | 70270 | 2025553                 | 22.55%    | 0.675% |
| 359 | 21.727 | 21.714 | 21.758 | VV  | 69770 | 1763857                 | 19.64%    | 0.588% |
| 360 | 21.767 | 21.758 | 21.794 | VV  | 65850 | 1403909                 | 15.63%    | 0.468% |
| 361 | 21.805 | 21.794 | 21.818 | VV  | 64913 | 901485                  | 10.04%    | 0.301% |
| 362 | 21.832 | 21.818 | 21.888 | VV  | 64988 | 2614865                 | 29.11%    | 0.872% |
| 363 | 21.909 | 21.888 | 21.927 | VV  | 61055 | 1401467                 | 15.60%    | 0.467% |
| 364 | 21.953 | 21.927 | 21.974 | VV  | 63532 | 1730622                 | 19.27%    | 0.577% |
| 365 | 22.035 | 21.974 | 22.108 | VV  | 65076 | 4781147                 | 53.23%    | 1.594% |
| 366 | 22.118 | 22.108 | 22.155 | VV  | 58104 | 1597755                 | 17.79%    | 0.533% |
| 367 | 22.192 | 22.155 | 22.251 | VBA | 59155 | 3287580                 | 36.60%    | 1.096% |
|     |        |        |        |     |       | Sum of corrected areas: | 299861566 |        |

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