

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040325AL\  
 Data File : FE053174.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Apr 2025 21:26  
 Sample : Q1706-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032925.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         | 2.864       | 2.804        | 2.888      | BV       | 2107           | 28099        | 0.43%          | 0.021%        |
| 2         | 2.898       | 2.888        | 2.907      | VV       | 324            | 3056         | 0.05%          | 0.002%        |
| 3         | 2.922       | 2.907        | 2.954      | VV       | 773            | 10875        | 0.16%          | 0.008%        |
| 4         | 2.966       | 2.954        | 2.978      | VV       | 226            | 1691         | 0.03%          | 0.001%        |
| 5         | 3.007       | 2.978        | 3.028      | PV       | 829            | 13134        | 0.20%          | 0.010%        |
| 6         | 3.057       | 3.028        | 3.084      | VV       | 902            | 16758        | 0.25%          | 0.013%        |
| 7         | 3.096       | 3.084        | 3.128      | VV       | 408            | 6038         | 0.09%          | 0.005%        |
| 8         | 3.148       | 3.128        | 3.171      | VV       | 378            | 6506         | 0.10%          | 0.005%        |
| 9         | 3.231       | 3.171        | 3.266      | VV       | 3011           | 57718        | 0.87%          | 0.043%        |
| 10        | 3.282       | 3.266        | 3.321      | VV       | 453            | 6763         | 0.10%          | 0.005%        |
| 11        | 3.348       | 3.321        | 3.361      | PV       | 375            | 4685         | 0.07%          | 0.004%        |
| 12        | 3.376       | 3.361        | 3.390      | VV       | 830            | 10673        | 0.16%          | 0.008%        |
| 13        | 3.422       | 3.390        | 3.460      | VV       | 7251           | 92988        | 1.41%          | 0.070%        |
| 14        | 3.476       | 3.460        | 3.500      | VV       | 1155           | 15329        | 0.23%          | 0.012%        |
| 15        | 3.517       | 3.500        | 3.529      | VV       | 477            | 5865         | 0.09%          | 0.004%        |
| 16        | 3.569       | 3.529        | 3.596      | VV       | 1912           | 40556        | 0.61%          | 0.031%        |
| 17        | 3.627       | 3.596        | 3.660      | VV       | 3107           | 69740        | 1.06%          | 0.052%        |
| 18        | 3.682       | 3.660        | 3.699      | VV       | 3586           | 51037        | 0.77%          | 0.038%        |
| 19        | 3.715       | 3.699        | 3.734      | VV       | 3992           | 51045        | 0.77%          | 0.038%        |
| 20        | 3.764       | 3.734        | 3.798      | VV       | 1933           | 45817        | 0.69%          | 0.034%        |
| 21        | 3.824       | 3.798        | 3.893      | VV       | 5857           | 125110       | 1.90%          | 0.094%        |
| 22        | 3.919       | 3.893        | 3.984      | VV       | 19066          | 251363       | 3.81%          | 0.189%        |
| 23        | 4.031       | 3.984        | 4.049      | VV       | 6082           | 89776        | 1.36%          | 0.068%        |
| 24        | 4.066       | 4.049        | 4.087      | VV       | 4264           | 54987        | 0.83%          | 0.041%        |
| 25        | 4.105       | 4.087        | 4.123      | VV       | 1514           | 25523        | 0.39%          | 0.019%        |
| 26        | 4.144       | 4.123        | 4.164      | VV       | 4151           | 52455        | 0.79%          | 0.039%        |
| 27        | 4.179       | 4.164        | 4.187      | VV       | 551            | 6743         | 0.10%          | 0.005%        |
| 28        | 4.217       | 4.187        | 4.249      | VV       | 13867          | 174725       | 2.65%          | 0.131%        |
| 29        | 4.265       | 4.249        | 4.348      | VV       | 2109           | 57672        | 0.87%          | 0.043%        |
| 30        | 4.388       | 4.348        | 4.413      | VV       | 1200           | 21324        | 0.32%          | 0.016%        |
| 31        | 4.434       | 4.413        | 4.461      | VV       | 1305           | 20449        | 0.31%          | 0.015%        |
| 32        | 4.497       | 4.461        | 4.516      | VV       | 6648           | 79222        | 1.20%          | 0.060%        |
| 33        | 4.534       | 4.516        | 4.554      | VV       | 6165           | 65401        | 0.99%          | 0.049%        |
| 34        | 4.570       | 4.554        | 4.591      | VV       | 1881           | 22805        | 0.35%          | 0.017%        |
| 35        | 4.618       | 4.591        | 4.632      | VV       | 602            | 11356        | 0.17%          | 0.009%        |
| 36        | 4.651       | 4.632        | 4.698      | VV       | 2690           | 57786        | 0.88%          | 0.043%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.726 | 4.698 | 4.735 | VV | 1525   | 28623  | 0.43% | 0.022% |
| 38 | 4.749 | 4.735 | 4.764 | VV | 2016   | 25781  | 0.39% | 0.019% |
| 39 | 4.782 | 4.764 | 4.799 | VV | 3672   | 41570  | 0.63% | 0.031% |
| 40 | 4.807 | 4.799 | 4.818 | VV | 1294   | 12687  | 0.19% | 0.010% |
| 41 | 4.842 | 4.818 | 4.870 | VV | 2615   | 50620  | 0.77% | 0.038% |
| 42 | 4.888 | 4.870 | 4.901 | VV | 3087   | 38340  | 0.58% | 0.029% |
| 43 | 4.916 | 4.901 | 4.939 | VV | 7281   | 90045  | 1.36% | 0.068% |
| 44 | 4.959 | 4.939 | 4.979 | VV | 4162   | 62182  | 0.94% | 0.047% |
| 45 | 5.000 | 4.979 | 5.046 | VV | 12852  | 164550 | 2.49% | 0.124% |
| 46 | 5.080 | 5.046 | 5.098 | VV | 4337   | 53751  | 0.81% | 0.040% |
| 47 | 5.113 | 5.098 | 5.155 | VV | 1843   | 33735  | 0.51% | 0.025% |
| 48 | 5.178 | 5.155 | 5.187 | VV | 3728   | 39872  | 0.60% | 0.030% |
| 49 | 5.207 | 5.187 | 5.237 | VV | 9973   | 182886 | 2.77% | 0.138% |
| 50 | 5.255 | 5.237 | 5.270 | VV | 9384   | 104909 | 1.59% | 0.079% |
| 51 | 5.287 | 5.270 | 5.306 | VV | 11081  | 131855 | 2.00% | 0.099% |
| 52 | 5.320 | 5.306 | 5.361 | VV | 5219   | 72547  | 1.10% | 0.055% |
| 53 | 5.414 | 5.361 | 5.431 | PV | 1663   | 43805  | 0.66% | 0.033% |
| 54 | 5.444 | 5.431 | 5.463 | VV | 1554   | 24967  | 0.38% | 0.019% |
| 55 | 5.495 | 5.463 | 5.571 | VV | 5322   | 130028 | 1.97% | 0.098% |
| 56 | 5.580 | 5.571 | 5.613 | VV | 1209   | 15278  | 0.23% | 0.011% |
| 57 | 5.639 | 5.613 | 5.656 | VV | 16262  | 207421 | 3.14% | 0.156% |
| 58 | 5.670 | 5.656 | 5.704 | VV | 13536  | 167668 | 2.54% | 0.126% |
| 59 | 5.719 | 5.704 | 5.751 | VV | 1612   | 27399  | 0.42% | 0.021% |
| 60 | 5.768 | 5.751 | 5.782 | VV | 1083   | 14157  | 0.21% | 0.011% |
| 61 | 5.832 | 5.782 | 5.857 | VV | 8018   | 161752 | 2.45% | 0.122% |
| 62 | 5.866 | 5.857 | 5.884 | VV | 3517   | 39380  | 0.60% | 0.030% |
| 63 | 5.905 | 5.884 | 5.913 | VV | 3213   | 40575  | 0.61% | 0.031% |
| 64 | 5.932 | 5.913 | 5.977 | VV | 17801  | 314442 | 4.76% | 0.237% |
| 65 | 5.990 | 5.977 | 6.004 | VV | 4741   | 55805  | 0.85% | 0.042% |
| 66 | 6.031 | 6.004 | 6.048 | VV | 4929   | 83198  | 1.26% | 0.063% |
| 67 | 6.072 | 6.048 | 6.099 | VV | 3044   | 57757  | 0.87% | 0.043% |
| 68 | 6.123 | 6.099 | 6.144 | VV | 6051   | 76374  | 1.16% | 0.057% |
| 69 | 6.176 | 6.144 | 6.196 | VV | 5622   | 103668 | 1.57% | 0.078% |
| 70 | 6.215 | 6.196 | 6.231 | VV | 7631   | 105648 | 1.60% | 0.079% |
| 71 | 6.249 | 6.231 | 6.265 | VV | 5418   | 97220  | 1.47% | 0.073% |
| 72 | 6.274 | 6.265 | 6.293 | VV | 4095   | 47702  | 0.72% | 0.036% |
| 73 | 6.319 | 6.293 | 6.336 | VV | 5985   | 90165  | 1.37% | 0.068% |
| 74 | 6.357 | 6.336 | 6.376 | VV | 9272   | 151640 | 2.30% | 0.114% |
| 75 | 6.386 | 6.376 | 6.426 | VV | 6183   | 134271 | 2.03% | 0.101% |
| 76 | 6.444 | 6.426 | 6.459 | VV | 6552   | 78489  | 1.19% | 0.059% |
| 77 | 6.489 | 6.459 | 6.530 | VV | 6777   | 167934 | 2.54% | 0.126% |
| 78 | 6.552 | 6.530 | 6.570 | VV | 2783   | 52313  | 0.79% | 0.039% |
| 79 | 6.593 | 6.570 | 6.655 | VV | 5558   | 134352 | 2.04% | 0.101% |
| 80 | 6.678 | 6.655 | 6.727 | VV | 8123   | 136021 | 2.06% | 0.102% |
| 81 | 6.764 | 6.727 | 6.774 | VV | 3129   | 56691  | 0.86% | 0.043% |
| 82 | 6.796 | 6.774 | 6.814 | VV | 6783   | 109587 | 1.66% | 0.082% |
| 83 | 6.832 | 6.814 | 6.852 | VV | 8065   | 112591 | 1.71% | 0.085% |
| 84 | 6.871 | 6.852 | 6.894 | VV | 5556   | 101383 | 1.54% | 0.076% |
| 85 | 6.906 | 6.894 | 6.941 | VV | 3468   | 73062  | 1.11% | 0.055% |
| 86 | 6.961 | 6.941 | 6.983 | VV | 10210  | 128643 | 1.95% | 0.097% |
| 87 | 7.003 | 6.983 | 7.014 | VV | 3655   | 55001  | 0.83% | 0.041% |
| 88 | 7.022 | 7.014 | 7.054 | VV | 3481   | 69167  | 1.05% | 0.052% |
| 89 | 7.083 | 7.054 | 7.134 | VV | 7652   | 166826 | 2.53% | 0.125% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 7.211 | 7.134 | 7.232 | VV | 7065   | 216012 | 3.27% | 0.162% |
| 91  | 7.252 | 7.232 | 7.282 | VV | 8885   | 147949 | 2.24% | 0.111% |
| 92  | 7.314 | 7.282 | 7.345 | VV | 13800  | 258449 | 3.92% | 0.194% |
| 93  | 7.359 | 7.345 | 7.379 | VV | 5234   | 71710  | 1.09% | 0.054% |
| 94  | 7.403 | 7.379 | 7.433 | VV | 9836   | 177007 | 2.68% | 0.133% |
| 95  | 7.453 | 7.433 | 7.483 | VV | 9924   | 151340 | 2.29% | 0.114% |
| 96  | 7.501 | 7.483 | 7.521 | VV | 4243   | 65124  | 0.99% | 0.049% |
| 97  | 7.530 | 7.521 | 7.548 | VV | 1982   | 28353  | 0.43% | 0.021% |
| 98  | 7.628 | 7.548 | 7.652 | VV | 5865   | 175586 | 2.66% | 0.132% |
| 99  | 7.681 | 7.652 | 7.704 | VV | 2560   | 68839  | 1.04% | 0.052% |
| 100 | 7.715 | 7.704 | 7.734 | VV | 2952   | 42561  | 0.64% | 0.032% |
| 101 | 7.761 | 7.734 | 7.780 | VV | 2937   | 63230  | 0.96% | 0.048% |
| 102 | 7.804 | 7.780 | 7.835 | VV | 5331   | 102978 | 1.56% | 0.077% |
| 103 | 7.854 | 7.835 | 7.873 | VV | 2460   | 37898  | 0.57% | 0.029% |
| 104 | 8.062 | 8.033 | 8.077 | VV | 4901   | 91565  | 1.39% | 0.069% |
| 105 | 8.089 | 8.077 | 8.135 | VV | 3814   | 102434 | 1.55% | 0.077% |
| 106 | 8.159 | 8.135 | 8.177 | VV | 2870   | 53736  | 0.81% | 0.040% |
| 107 | 8.207 | 8.177 | 8.220 | VV | 3575   | 72043  | 1.09% | 0.054% |
| 108 | 8.242 | 8.220 | 8.288 | VV | 11568  | 218166 | 3.30% | 0.164% |
| 109 | 8.332 | 8.288 | 8.364 | VV | 8710   | 190327 | 2.88% | 0.143% |
| 110 | 8.384 | 8.364 | 8.406 | VV | 5523   | 90014  | 1.36% | 0.068% |
| 111 | 8.434 | 8.406 | 8.450 | VV | 8000   | 123989 | 1.88% | 0.093% |
| 112 | 8.463 | 8.450 | 8.482 | VV | 5884   | 89975  | 1.36% | 0.068% |
| 113 | 8.494 | 8.482 | 8.503 | VV | 4007   | 48334  | 0.73% | 0.036% |
| 114 | 8.516 | 8.503 | 8.569 | VV | 4607   | 127384 | 1.93% | 0.096% |
| 115 | 8.621 | 8.569 | 8.649 | VV | 12665  | 284090 | 4.30% | 0.214% |
| 116 | 8.670 | 8.649 | 8.691 | VV | 11957  | 174906 | 2.65% | 0.132% |
| 117 | 8.708 | 8.691 | 8.728 | VV | 3627   | 70998  | 1.08% | 0.053% |
| 118 | 8.736 | 8.728 | 8.748 | VV | 2923   | 33585  | 0.51% | 0.025% |
| 119 | 8.763 | 8.748 | 8.790 | VV | 3176   | 67855  | 1.03% | 0.051% |
| 120 | 8.918 | 8.884 | 8.950 | VV | 7204   | 208539 | 3.16% | 0.157% |
| 121 | 8.970 | 8.950 | 8.993 | VV | 9536   | 141987 | 2.15% | 0.107% |
| 122 | 9.036 | 8.993 | 9.048 | VV | 8462   | 173001 | 2.62% | 0.130% |
| 123 | 9.055 | 9.048 | 9.093 | VV | 7144   | 110079 | 1.67% | 0.083% |
| 124 | 9.107 | 9.093 | 9.116 | VV | 2387   | 30833  | 0.47% | 0.023% |
| 125 | 9.135 | 9.116 | 9.149 | VV | 3994   | 61131  | 0.93% | 0.046% |
| 126 | 9.164 | 9.149 | 9.180 | VV | 4480   | 69470  | 1.05% | 0.052% |
| 127 | 9.200 | 9.180 | 9.222 | VV | 5219   | 93537  | 1.42% | 0.070% |
| 128 | 9.239 | 9.222 | 9.246 | VV | 3041   | 37755  | 0.57% | 0.028% |
| 129 | 9.261 | 9.246 | 9.318 | VV | 3595   | 116355 | 1.76% | 0.088% |
| 130 | 9.339 | 9.318 | 9.360 | VV | 4747   | 91855  | 1.39% | 0.069% |
| 131 | 9.377 | 9.360 | 9.409 | VV | 4691   | 88951  | 1.35% | 0.067% |
| 132 | 9.430 | 9.409 | 9.458 | VV | 2897   | 59450  | 0.90% | 0.045% |
| 133 | 9.492 | 9.458 | 9.510 | VV | 4020   | 71794  | 1.09% | 0.054% |
| 134 | 9.526 | 9.510 | 9.538 | VV | 2878   | 37994  | 0.58% | 0.029% |
| 135 | 9.547 | 9.538 | 9.563 | VV | 2635   | 33839  | 0.51% | 0.025% |
| 136 | 9.579 | 9.563 | 9.598 | VV | 2714   | 46595  | 0.71% | 0.035% |
| 137 | 9.630 | 9.598 | 9.662 | VV | 3818   | 101000 | 1.53% | 0.076% |
| 138 | 9.674 | 9.662 | 9.689 | VV | 2440   | 33598  | 0.51% | 0.025% |
| 139 | 9.715 | 9.689 | 9.766 | VV | 8961   | 218913 | 3.32% | 0.165% |
| 140 | 9.792 | 9.766 | 9.838 | VV | 4724   | 120839 | 1.83% | 0.091% |
| 141 | 9.861 | 9.838 | 9.879 | VV | 4170   | 74671  | 1.13% | 0.056% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.891  | 9.879  | 9.907  | VV | 2884   | 44589   | 0.68%  | 0.034% |
| 143 | 9.919  | 9.907  | 9.944  | VV | 2815   | 47595   | 0.72%  | 0.036% |
| 144 | 9.995  | 9.944  | 10.022 | VV | 16965  | 256536  | 3.89%  | 0.193% |
| 145 | 10.039 | 10.022 | 10.077 | VV | 4017   | 99303   | 1.50%  | 0.075% |
| 146 | 10.087 | 10.077 | 10.107 | VV | 2568   | 37728   | 0.57%  | 0.028% |
| 147 | 10.130 | 10.107 | 10.194 | VV | 5094   | 130531  | 1.98%  | 0.098% |
| 148 | 10.203 | 10.194 | 10.217 | VV | 1470   | 18829   | 0.29%  | 0.014% |
| 149 | 10.231 | 10.217 | 10.269 | VV | 1681   | 31738   | 0.48%  | 0.024% |
| 150 | 10.302 | 10.269 | 10.347 | VV | 1639   | 45260   | 0.69%  | 0.034% |
| 151 | 10.361 | 10.347 | 10.381 | VV | 689    | 12037   | 0.18%  | 0.009% |
| 152 | 10.402 | 10.381 | 10.423 | VV | 874    | 15572   | 0.24%  | 0.012% |
| 153 | 10.464 | 10.423 | 10.491 | VV | 2346   | 52782   | 0.80%  | 0.040% |
| 154 | 10.517 | 10.491 | 10.542 | VV | 4403   | 74796   | 1.13%  | 0.056% |
| 155 | 10.570 | 10.542 | 10.580 | VV | 3180   | 51916   | 0.79%  | 0.039% |
| 156 | 10.600 | 10.580 | 10.623 | VV | 5053   | 85774   | 1.30%  | 0.065% |
| 157 | 10.641 | 10.623 | 10.688 | VV | 3812   | 94311   | 1.43%  | 0.071% |
| 158 | 10.716 | 10.688 | 10.753 | VV | 4114   | 92262   | 1.40%  | 0.069% |
| 159 | 10.776 | 10.753 | 10.831 | VV | 3214   | 109836  | 1.66%  | 0.083% |
| 160 | 10.872 | 10.831 | 10.904 | VV | 4048   | 126528  | 1.92%  | 0.095% |
| 161 | 10.940 | 10.904 | 10.968 | VV | 8217   | 174867  | 2.65%  | 0.132% |
| 162 | 10.997 | 10.968 | 11.008 | VV | 2126   | 41655   | 0.63%  | 0.031% |
| 163 | 11.017 | 11.008 | 11.041 | VV | 1845   | 27000   | 0.41%  | 0.020% |
| 164 | 11.122 | 11.041 | 11.171 | VV | 46980  | 632100  | 9.58%  | 0.475% |
| 165 | 11.199 | 11.171 | 11.238 | VV | 23198  | 332215  | 5.03%  | 0.250% |
| 166 | 11.263 | 11.238 | 11.328 | VV | 2087   | 78314   | 1.19%  | 0.059% |
| 167 | 11.344 | 11.328 | 11.368 | VV | 1114   | 20780   | 0.31%  | 0.016% |
| 168 | 11.379 | 11.368 | 11.408 | VV | 958    | 18638   | 0.28%  | 0.014% |
| 169 | 11.430 | 11.408 | 11.455 | VV | 3419   | 60082   | 0.91%  | 0.045% |
| 170 | 11.475 | 11.455 | 11.483 | VV | 1739   | 22797   | 0.35%  | 0.017% |
| 171 | 11.518 | 11.483 | 11.541 | VV | 2561   | 74442   | 1.13%  | 0.056% |
| 172 | 11.552 | 11.541 | 11.559 | VV | 1989   | 19783   | 0.30%  | 0.015% |
| 173 | 11.576 | 11.559 | 11.601 | VV | 3595   | 62997   | 0.95%  | 0.047% |
| 174 | 11.616 | 11.601 | 11.631 | VV | 2280   | 34106   | 0.52%  | 0.026% |
| 175 | 11.660 | 11.631 | 11.694 | VV | 6638   | 126943  | 1.92%  | 0.095% |
| 176 | 11.724 | 11.694 | 11.749 | VV | 2492   | 42668   | 0.65%  | 0.032% |
| 177 | 11.780 | 11.749 | 11.804 | VV | 2706   | 50926   | 0.77%  | 0.038% |
| 178 | 11.819 | 11.804 | 11.844 | VV | 1703   | 25446   | 0.39%  | 0.019% |
| 179 | 11.893 | 11.844 | 11.919 | VV | 478022 | 5475135 | 82.94% | 4.119% |
| 180 | 11.929 | 11.919 | 11.945 | VV | 12306  | 138519  | 2.10%  | 0.104% |
| 181 | 11.961 | 11.945 | 11.996 | VV | 13935  | 189764  | 2.87%  | 0.143% |
| 182 | 12.043 | 11.996 | 12.062 | VV | 17026  | 294576  | 4.46%  | 0.222% |
| 183 | 12.078 | 12.062 | 12.092 | VV | 10681  | 135970  | 2.06%  | 0.102% |
| 184 | 12.109 | 12.092 | 12.157 | VV | 13639  | 189700  | 2.87%  | 0.143% |
| 185 | 12.186 | 12.157 | 12.205 | PV | 1872   | 28126   | 0.43%  | 0.021% |
| 186 | 12.247 | 12.205 | 12.280 | VV | 3012   | 80841   | 1.22%  | 0.061% |
| 187 | 12.320 | 12.280 | 12.378 | VV | 2784   | 90478   | 1.37%  | 0.068% |
| 188 | 12.403 | 12.378 | 12.447 | VV | 5140   | 87089   | 1.32%  | 0.066% |
| 189 | 12.466 | 12.447 | 12.482 | VV | 1989   | 29539   | 0.45%  | 0.022% |
| 190 | 12.506 | 12.482 | 12.571 | VV | 11018  | 263029  | 3.98%  | 0.198% |
| 191 | 12.580 | 12.571 | 12.594 | VV | 2473   | 29956   | 0.45%  | 0.023% |
| 192 | 12.611 | 12.594 | 12.641 | VV | 2834   | 67032   | 1.02%  | 0.050% |
| 193 | 12.674 | 12.641 | 12.700 | VV | 2731   | 75924   | 1.15%  | 0.057% |
| 194 | 12.724 | 12.700 | 12.765 | VV | 5065   | 103217  | 1.56%  | 0.078% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.794 | 12.765 | 12.810 | VV | 3758   | 63764   | 0.97%  | 0.048% |
| 196 | 12.832 | 12.810 | 12.852 | VV | 15003  | 200112  | 3.03%  | 0.151% |
| 197 | 12.868 | 12.852 | 12.881 | VV | 6426   | 94505   | 1.43%  | 0.071% |
| 198 | 12.893 | 12.881 | 12.920 | VV | 7488   | 119801  | 1.81%  | 0.090% |
| 199 | 12.948 | 12.920 | 13.028 | VV | 102992 | 1266204 | 19.18% | 0.952% |
| 200 | 13.047 | 13.028 | 13.062 | VV | 1272   | 16329   | 0.25%  | 0.012% |
| 201 | 13.089 | 13.062 | 13.120 | VV | 5312   | 110006  | 1.67%  | 0.083% |
| 202 | 13.137 | 13.120 | 13.153 | VV | 5271   | 66875   | 1.01%  | 0.050% |
| 203 | 13.168 | 13.153 | 13.221 | VV | 3685   | 92844   | 1.41%  | 0.070% |
| 204 | 13.247 | 13.221 | 13.284 | VV | 101619 | 1168348 | 17.70% | 0.879% |
| 205 | 13.338 | 13.284 | 13.401 | VV | 341308 | 4308227 | 65.26% | 3.241% |
| 206 | 13.424 | 13.401 | 13.442 | VV | 3893   | 59167   | 0.90%  | 0.045% |
| 207 | 13.455 | 13.442 | 13.482 | VV | 2162   | 30548   | 0.46%  | 0.023% |
| 208 | 13.521 | 13.482 | 13.562 | VV | 5869   | 137117  | 2.08%  | 0.103% |
| 209 | 13.583 | 13.562 | 13.623 | VV | 3873   | 69131   | 1.05%  | 0.052% |
| 210 | 13.649 | 13.623 | 13.660 | PV | 3914   | 46940   | 0.71%  | 0.035% |
| 211 | 13.670 | 13.660 | 13.686 | VV | 3395   | 44099   | 0.67%  | 0.033% |
| 212 | 13.710 | 13.686 | 13.738 | VV | 9228   | 153362  | 2.32%  | 0.115% |
| 213 | 13.746 | 13.738 | 13.787 | VV | 1754   | 38708   | 0.59%  | 0.029% |
| 214 | 13.841 | 13.787 | 13.891 | VV | 23278  | 431874  | 6.54%  | 0.325% |
| 215 | 13.907 | 13.891 | 13.923 | VV | 2504   | 35030   | 0.53%  | 0.026% |
| 216 | 13.949 | 13.923 | 13.970 | VV | 13983  | 190632  | 2.89%  | 0.143% |
| 217 | 13.989 | 13.970 | 14.013 | VV | 13321  | 186224  | 2.82%  | 0.140% |
| 218 | 14.028 | 14.013 | 14.057 | VV | 3631   | 73827   | 1.12%  | 0.056% |
| 219 | 14.117 | 14.057 | 14.140 | VV | 15130  | 321597  | 4.87%  | 0.242% |
| 220 | 14.159 | 14.140 | 14.204 | VV | 10909  | 166014  | 2.51%  | 0.125% |
| 221 | 14.241 | 14.204 | 14.261 | VV | 1902   | 38293   | 0.58%  | 0.029% |
| 222 | 14.288 | 14.261 | 14.299 | VV | 1278   | 19389   | 0.29%  | 0.015% |
| 223 | 14.321 | 14.299 | 14.342 | VV | 1235   | 23156   | 0.35%  | 0.017% |
| 224 | 14.356 | 14.342 | 14.388 | VV | 814    | 13589   | 0.21%  | 0.010% |
| 225 | 14.428 | 14.388 | 14.444 | PV | 1495   | 23985   | 0.36%  | 0.018% |
| 226 | 14.455 | 14.444 | 14.464 | VV | 908    | 10172   | 0.15%  | 0.008% |
| 227 | 14.544 | 14.464 | 14.564 | VV | 5811   | 170302  | 2.58%  | 0.128% |
| 228 | 14.584 | 14.564 | 14.621 | VV | 6917   | 146011  | 2.21%  | 0.110% |
| 229 | 14.657 | 14.621 | 14.668 | VV | 5170   | 92973   | 1.41%  | 0.070% |
| 230 | 14.683 | 14.668 | 14.731 | VV | 5641   | 130983  | 1.98%  | 0.099% |
| 231 | 14.758 | 14.731 | 14.797 | VV | 9860   | 204296  | 3.09%  | 0.154% |
| 232 | 14.820 | 14.797 | 14.844 | VV | 17794  | 262055  | 3.97%  | 0.197% |
| 233 | 14.890 | 14.844 | 14.924 | VV | 5845   | 169352  | 2.57%  | 0.127% |
| 234 | 14.944 | 14.924 | 14.963 | VV | 3053   | 48409   | 0.73%  | 0.036% |
| 235 | 14.979 | 14.963 | 14.991 | VV | 2931   | 39522   | 0.60%  | 0.030% |
| 236 | 15.008 | 14.991 | 15.053 | VV | 3734   | 69576   | 1.05%  | 0.052% |
| 237 | 15.091 | 15.053 | 15.104 | PV | 3647   | 47934   | 0.73%  | 0.036% |
| 238 | 15.134 | 15.104 | 15.154 | VV | 52437  | 716291  | 10.85% | 0.539% |
| 239 | 15.174 | 15.154 | 15.214 | VV | 57584  | 817124  | 12.38% | 0.615% |
| 240 | 15.232 | 15.214 | 15.257 | VV | 2382   | 46265   | 0.70%  | 0.035% |
| 241 | 15.296 | 15.257 | 15.354 | VV | 14677  | 321456  | 4.87%  | 0.242% |
| 242 | 15.366 | 15.354 | 15.371 | VV | 2162   | 20643   | 0.31%  | 0.016% |
| 243 | 15.384 | 15.371 | 15.408 | VV | 2351   | 34104   | 0.52%  | 0.026% |
| 244 | 15.445 | 15.408 | 15.464 | PV | 4867   | 73900   | 1.12%  | 0.056% |
| 245 | 15.480 | 15.464 | 15.541 | VV | 3871   | 93910   | 1.42%  | 0.071% |
| 246 | 15.595 | 15.541 | 15.661 | VV | 14384  | 367502  | 5.57%  | 0.276% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.684 | 15.661 | 15.693 | VV | 1540   | 18544   | 0.28%  | 0.014% |
| 248 | 15.721 | 15.693 | 15.748 | VV | 4157   | 71772   | 1.09%  | 0.054% |
| 249 | 15.810 | 15.748 | 15.832 | VV | 20725  | 403247  | 6.11%  | 0.303% |
| 250 | 15.848 | 15.832 | 15.877 | VV | 9960   | 151709  | 2.30%  | 0.114% |
|     |        |        |        |    |        |         |        |        |
| 251 | 15.897 | 15.877 | 15.920 | VV | 3977   | 81761   | 1.24%  | 0.062% |
| 252 | 15.974 | 15.920 | 16.019 | VV | 12494  | 385471  | 5.84%  | 0.290% |
| 253 | 16.046 | 16.019 | 16.074 | VV | 4551   | 89101   | 1.35%  | 0.067% |
| 254 | 16.096 | 16.074 | 16.106 | VV | 1789   | 28765   | 0.44%  | 0.022% |
| 255 | 16.136 | 16.106 | 16.164 | VV | 4259   | 78508   | 1.19%  | 0.059% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.224 | 16.164 | 16.269 | VV | 4238   | 158155  | 2.40%  | 0.119% |
| 257 | 16.282 | 16.269 | 16.299 | VV | 1803   | 26041   | 0.39%  | 0.020% |
| 258 | 16.316 | 16.299 | 16.328 | VV | 1297   | 18928   | 0.29%  | 0.014% |
| 259 | 16.344 | 16.328 | 16.377 | VV | 1027   | 18090   | 0.27%  | 0.014% |
| 260 | 16.413 | 16.377 | 16.434 | PV | 4490   | 86108   | 1.30%  | 0.065% |
|     |        |        |        |    |        |         |        |        |
| 261 | 16.449 | 16.434 | 16.468 | VV | 2614   | 39697   | 0.60%  | 0.030% |
| 262 | 16.515 | 16.468 | 16.538 | VV | 5061   | 135197  | 2.05%  | 0.102% |
| 263 | 16.561 | 16.538 | 16.587 | VV | 2511   | 57599   | 0.87%  | 0.043% |
| 264 | 16.615 | 16.587 | 16.655 | VV | 8112   | 157979  | 2.39%  | 0.119% |
| 265 | 16.701 | 16.655 | 16.764 | VV | 73392  | 1493869 | 22.63% | 1.124% |
|     |        |        |        |    |        |         |        |        |
| 266 | 16.786 | 16.764 | 16.806 | VV | 3132   | 61274   | 0.93%  | 0.046% |
| 267 | 16.832 | 16.806 | 16.856 | VV | 16489  | 237804  | 3.60%  | 0.179% |
| 268 | 16.866 | 16.856 | 16.900 | VV | 3605   | 64720   | 0.98%  | 0.049% |
| 269 | 16.918 | 16.900 | 16.937 | VV | 1576   | 24559   | 0.37%  | 0.018% |
| 270 | 17.022 | 16.937 | 17.053 | VV | 44416  | 835032  | 12.65% | 0.628% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.081 | 17.053 | 17.126 | VV | 52096  | 774712  | 11.74% | 0.583% |
| 272 | 17.185 | 17.126 | 17.211 | VV | 18381  | 369853  | 5.60%  | 0.278% |
| 273 | 17.230 | 17.211 | 17.273 | VV | 5765   | 144265  | 2.19%  | 0.109% |
| 274 | 17.340 | 17.273 | 17.367 | VV | 6068   | 197660  | 2.99%  | 0.149% |
| 275 | 17.480 | 17.367 | 17.523 | VV | 8676   | 471745  | 7.15%  | 0.355% |
|     |        |        |        |    |        |         |        |        |
| 276 | 17.583 | 17.523 | 17.597 | VV | 9888   | 259075  | 3.92%  | 0.195% |
| 277 | 17.623 | 17.597 | 17.648 | VV | 10210  | 243375  | 3.69%  | 0.183% |
| 278 | 17.668 | 17.648 | 17.678 | VV | 6377   | 99598   | 1.51%  | 0.075% |
| 279 | 17.696 | 17.678 | 17.715 | VV | 7164   | 132034  | 2.00%  | 0.099% |
| 280 | 17.742 | 17.715 | 17.769 | VV | 11389  | 258053  | 3.91%  | 0.194% |
|     |        |        |        |    |        |         |        |        |
| 281 | 17.790 | 17.769 | 17.828 | VV | 8123   | 214821  | 3.25%  | 0.162% |
| 282 | 17.860 | 17.828 | 17.874 | VV | 5964   | 140826  | 2.13%  | 0.106% |
| 283 | 17.892 | 17.874 | 17.906 | VV | 5756   | 95883   | 1.45%  | 0.072% |
| 284 | 17.927 | 17.906 | 17.938 | VV | 5155   | 88793   | 1.35%  | 0.067% |
| 285 | 17.964 | 17.938 | 17.983 | VV | 7412   | 166525  | 2.52%  | 0.125% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.063 | 17.983 | 18.098 | VV | 15828  | 699320  | 10.59% | 0.526% |
| 287 | 18.105 | 18.098 | 18.126 | VV | 9261   | 144061  | 2.18%  | 0.108% |
| 288 | 18.157 | 18.126 | 18.166 | VV | 12941  | 260976  | 3.95%  | 0.196% |
| 289 | 18.204 | 18.166 | 18.224 | VV | 20892  | 552680  | 8.37%  | 0.416% |
| 290 | 18.240 | 18.224 | 18.288 | VV | 15709  | 512295  | 7.76%  | 0.385% |
|     |        |        |        |    |        |         |        |        |
| 291 | 18.304 | 18.288 | 18.337 | VV | 11783  | 307381  | 4.66%  | 0.231% |
| 292 | 18.372 | 18.337 | 18.423 | VV | 19347  | 754156  | 11.42% | 0.567% |
| 293 | 18.463 | 18.423 | 18.527 | VV | 38226  | 1463477 | 22.17% | 1.101% |
| 294 | 18.576 | 18.527 | 18.608 | VV | 22683  | 883995  | 13.39% | 0.665% |
| 295 | 18.639 | 18.608 | 18.678 | VV | 18906  | 722962  | 10.95% | 0.544% |
|     |        |        |        |    |        |         |        |        |
| 296 | 18.717 | 18.678 | 18.782 | VV | 39570  | 1379072 | 20.89% | 1.037% |
| 297 | 18.798 | 18.782 | 18.824 | VV | 15942  | 379270  | 5.75%  | 0.285% |
| 298 | 18.855 | 18.824 | 18.870 | VV | 18921  | 472784  | 7.16%  | 0.356% |
| 299 | 18.894 | 18.870 | 18.930 | VV | 21214  | 634039  | 9.60%  | 0.477% |

| rteres                  |        |        |        |    |       |         |           |        |
|-------------------------|--------|--------|--------|----|-------|---------|-----------|--------|
| 300                     | 18.999 | 18.930 | 19.019 | VV | 26758 | 948045  | 14.36%    | 0.713% |
| 301                     | 19.046 | 19.019 | 19.074 | VV | 24877 | 721508  | 10.93%    | 0.543% |
| 302                     | 19.172 | 19.074 | 19.187 | VV | 25545 | 1464229 | 22.18%    | 1.101% |
| 303                     | 19.212 | 19.187 | 19.235 | VV | 33445 | 827935  | 12.54%    | 0.623% |
| 304                     | 19.256 | 19.235 | 19.275 | VV | 30084 | 681219  | 10.32%    | 0.512% |
| 305                     | 19.297 | 19.275 | 19.311 | VV | 29056 | 590029  | 8.94%     | 0.444% |
| 306                     | 19.330 | 19.311 | 19.355 | VV | 30085 | 710757  | 10.77%    | 0.535% |
| 307                     | 19.398 | 19.355 | 19.454 | VV | 30847 | 1606364 | 24.33%    | 1.208% |
| 308                     | 19.556 | 19.454 | 19.572 | VV | 32160 | 2067703 | 31.32%    | 1.555% |
| 309                     | 19.596 | 19.572 | 19.637 | VV | 31674 | 1186386 | 17.97%    | 0.892% |
| 310                     | 19.649 | 19.637 | 19.654 | VV | 29368 | 297582  | 4.51%     | 0.224% |
| 311                     | 19.685 | 19.654 | 19.697 | VV | 33949 | 809820  | 12.27%    | 0.609% |
| 312                     | 19.714 | 19.697 | 19.734 | VV | 34845 | 745692  | 11.30%    | 0.561% |
| 313                     | 19.806 | 19.734 | 19.828 | VV | 38649 | 1977748 | 29.96%    | 1.488% |
| 314                     | 19.886 | 19.828 | 19.921 | VV | 43452 | 2203021 | 33.37%    | 1.657% |
| 315                     | 19.961 | 19.921 | 20.007 | VV | 45358 | 2189047 | 33.16%    | 1.647% |
| 316                     | 20.060 | 20.007 | 20.082 | VV | 45413 | 1958403 | 29.67%    | 1.473% |
| 317                     | 20.104 | 20.082 | 20.151 | VV | 44236 | 1750024 | 26.51%    | 1.316% |
| 318                     | 20.329 | 20.151 | 20.375 | VV | 58556 | 6601246 | 100.00%   | 4.966% |
| 319                     | 20.427 | 20.375 | 20.456 | VV | 56569 | 2626348 | 39.79%    | 1.976% |
| 320                     | 20.494 | 20.456 | 20.508 | VV | 58731 | 1740552 | 26.37%    | 1.309% |
| 321                     | 20.598 | 20.508 | 20.608 | VV | 66865 | 3755314 | 56.89%    | 2.825% |
| 322                     | 20.629 | 20.608 | 20.669 | VV | 68035 | 2391097 | 36.22%    | 1.799% |
| 323                     | 20.689 | 20.669 | 20.701 | VV | 62544 | 1186735 | 17.98%    | 0.893% |
| 324                     | 20.729 | 20.701 | 20.741 | VV | 61757 | 1458098 | 22.09%    | 1.097% |
| 325                     | 20.786 | 20.741 | 20.802 | VV | 66721 | 2317896 | 35.11%    | 1.744% |
| 326                     | 20.825 | 20.802 | 20.866 | VV | 66195 | 2491121 | 37.74%    | 1.874% |
| 327                     | 20.885 | 20.866 | 20.964 | VV | 64939 | 3570431 | 54.09%    | 2.686% |
| 328                     | 20.975 | 20.964 | 20.981 | VV | 54227 | 541720  | 8.21%     | 0.408% |
| 329                     | 21.012 | 20.981 | 21.020 | VV | 54967 | 1276453 | 19.34%    | 0.960% |
| 330                     | 21.062 | 21.020 | 21.086 | VV | 55298 | 2130618 | 32.28%    | 1.603% |
| 331                     | 21.095 | 21.086 | 21.122 | VV | 53481 | 1147713 | 17.39%    | 0.863% |
| 332                     | 21.161 | 21.122 | 21.247 | VV | 52710 | 3552299 | 53.81%    | 2.672% |
| 333                     | 21.346 | 21.247 | 21.370 | VV | 46297 | 3259465 | 49.38%    | 2.452% |
| 334                     | 21.380 | 21.370 | 21.431 | VV | 44846 | 1574342 | 23.85%    | 1.184% |
| 335                     | 21.443 | 21.431 | 21.559 | VV | 41816 | 2997362 | 45.41%    | 2.255% |
| 336                     | 21.589 | 21.559 | 21.618 | VV | 36814 | 1233026 | 18.68%    | 0.928% |
| 337                     | 21.693 | 21.618 | 21.714 | VV | 36048 | 2018200 | 30.57%    | 1.518% |
| 338                     | 21.728 | 21.714 | 21.756 | VV | 36459 | 899533  | 13.63%    | 0.677% |
| 339                     | 21.781 | 21.756 | 21.964 | VV | 35482 | 3666728 | 55.55%    | 2.758% |
| 340                     | 21.993 | 21.964 | 22.024 | VV | 19968 | 686163  | 10.39%    | 0.516% |
| 341                     | 22.090 | 22.024 | 22.123 | VV | 21671 | 1175595 | 17.81%    | 0.884% |
| 342                     | 22.176 | 22.123 | 22.344 | VV | 20682 | 1899592 | 28.78%    | 1.429% |
| 343                     | 22.358 | 22.344 | 22.369 | VV | 6252  | 89630   | 1.36%     | 0.067% |
| 344                     | 22.433 | 22.369 | 22.556 | VV | 6939  | 429527  | 6.51%     | 0.323% |
| Sum of corrected areas: |        |        |        |    |       |         | 132935010 |        |

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