

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012919AL\  
 Data File : FC038882.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Jan 2019 20:18  
 Sample : K1008-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 010919.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.099       | 3.052        | 3.122      | BV       | 344            | 5483         | 0.02%          | 0.002%        |
| 2         | 3.126       | 3.122        | 3.149      | VV       | 185            | 1937         | 0.01%          | 0.001%        |
| 3         | 3.163       | 3.149        | 3.171      | PV       | 179            | 1412         | 0.00%          | 0.001%        |
| 4         | 3.199       | 3.171        | 3.251      | VV       | 465            | 6601         | 0.02%          | 0.003%        |
| 5         | 3.271       | 3.251        | 3.287      | VV       | 165            | 1955         | 0.01%          | 0.001%        |
| 6         | 3.321       | 3.301        | 3.336      | VV       | 234            | 3143         | 0.01%          | 0.001%        |
| 7         | 3.347       | 3.336        | 3.382      | VV       | 420            | 5679         | 0.02%          | 0.003%        |
| 8         | 3.400       | 3.382        | 3.442      | VV       | 165            | 3653         | 0.01%          | 0.002%        |
| 9         | 3.460       | 3.442        | 3.490      | PV       | 529            | 7410         | 0.02%          | 0.003%        |
| 10        | 3.523       | 3.490        | 3.553      | VV       | 464            | 9464         | 0.03%          | 0.004%        |
| 11        | 3.582       | 3.553        | 3.596      | VV       | 586            | 9847         | 0.03%          | 0.004%        |
| 12        | 3.610       | 3.596        | 3.641      | VV       | 591            | 9654         | 0.03%          | 0.004%        |
| 13        | 3.662       | 3.641        | 3.712      | VV       | 1069           | 20328        | 0.06%          | 0.009%        |
| 14        | 3.750       | 3.712        | 3.766      | PV       | 1252           | 17399        | 0.06%          | 0.008%        |
| 15        | 3.776       | 3.766        | 3.793      | VV       | 996            | 11805        | 0.04%          | 0.005%        |
| 16        | 3.841       | 3.793        | 3.886      | VV       | 1525           | 42678        | 0.14%          | 0.019%        |
| 17        | 3.914       | 3.886        | 3.994      | VV       | 3270           | 105424       | 0.34%          | 0.047%        |
| 18        | 4.002       | 3.994        | 4.022      | VV       | 664            | 7534         | 0.02%          | 0.003%        |
| 19        | 4.049       | 4.022        | 4.074      | VV       | 763            | 13590        | 0.04%          | 0.006%        |
| 20        | 4.093       | 4.074        | 4.112      | VV       | 1283           | 17356        | 0.06%          | 0.008%        |
| 21        | 4.145       | 4.112        | 4.169      | VV       | 5844           | 68341        | 0.22%          | 0.031%        |
| 22        | 4.182       | 4.169        | 4.199      | VV       | 2140           | 25288        | 0.08%          | 0.011%        |
| 23        | 4.212       | 4.199        | 4.231      | VV       | 1443           | 17209        | 0.05%          | 0.008%        |
| 24        | 4.247       | 4.231        | 4.269      | VV       | 526            | 7744         | 0.02%          | 0.003%        |
| 25        | 4.293       | 4.269        | 4.317      | PV       | 1436           | 24689        | 0.08%          | 0.011%        |
| 26        | 4.330       | 4.317        | 4.359      | VV       | 1143           | 23071        | 0.07%          | 0.010%        |
| 27        | 4.366       | 4.359        | 4.381      | VV       | 883            | 7867         | 0.03%          | 0.004%        |
| 28        | 4.394       | 4.381        | 4.406      | VV       | 3053           | 27268        | 0.09%          | 0.012%        |
| 29        | 4.415       | 4.406        | 4.429      | VV       | 2054           | 18605        | 0.06%          | 0.008%        |
| 30        | 4.446       | 4.429        | 4.455      | VV       | 2325           | 24816        | 0.08%          | 0.011%        |
| 31        | 4.465       | 4.455        | 4.482      | VV       | 2649           | 25789        | 0.08%          | 0.012%        |
| 32        | 4.519       | 4.482        | 4.543      | VV       | 3088           | 72558        | 0.23%          | 0.033%        |
| 33        | 4.557       | 4.543        | 4.574      | VV       | 2880           | 36951        | 0.12%          | 0.017%        |
| 34        | 4.594       | 4.574        | 4.634      | VV       | 8569           | 116508       | 0.37%          | 0.052%        |
| 35        | 4.662       | 4.634        | 4.678      | VV       | 2693           | 39038        | 0.12%          | 0.017%        |
| 36        | 4.690       | 4.678        | 4.716      | VV       | 1543           | 18868        | 0.06%          | 0.008%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.748 | 4.716 | 4.759 | VV | 3439   | 41200  | 0.13% | 0.018% |
| 38 | 4.776 | 4.759 | 4.801 | VV | 7882   | 108424 | 0.35% | 0.049% |
| 39 | 4.818 | 4.801 | 4.835 | VV | 7375   | 91752  | 0.29% | 0.041% |
| 40 | 4.850 | 4.835 | 4.863 | VV | 4400   | 58398  | 0.19% | 0.026% |
|    |       |       |       |    |        |        |       |        |
| 41 | 4.876 | 4.863 | 4.912 | VV | 6064   | 80576  | 0.26% | 0.036% |
| 42 | 4.924 | 4.912 | 4.947 | VV | 704    | 9991   | 0.03% | 0.004% |
| 43 | 4.967 | 4.947 | 4.979 | PV | 3823   | 42822  | 0.14% | 0.019% |
| 44 | 4.988 | 4.979 | 5.002 | VV | 3208   | 36463  | 0.12% | 0.016% |
| 45 | 5.024 | 5.002 | 5.037 | VV | 5712   | 86057  | 0.27% | 0.039% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.056 | 5.037 | 5.091 | VV | 6703   | 124402 | 0.40% | 0.056% |
| 47 | 5.113 | 5.091 | 5.127 | VV | 4435   | 64939  | 0.21% | 0.029% |
| 48 | 5.138 | 5.127 | 5.150 | VV | 2712   | 23206  | 0.07% | 0.010% |
| 49 | 5.173 | 5.150 | 5.267 | VV | 44709  | 655763 | 2.09% | 0.294% |
| 50 | 5.289 | 5.267 | 5.300 | VV | 1967   | 28312  | 0.09% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.335 | 5.300 | 5.346 | VV | 11321  | 134949 | 0.43% | 0.060% |
| 52 | 5.353 | 5.346 | 5.376 | VV | 9108   | 122689 | 0.39% | 0.055% |
| 53 | 5.381 | 5.376 | 5.396 | VV | 4148   | 41725  | 0.13% | 0.019% |
| 54 | 5.414 | 5.396 | 5.427 | VV | 8115   | 88123  | 0.28% | 0.039% |
| 55 | 5.447 | 5.427 | 5.486 | VV | 16733  | 382689 | 1.22% | 0.171% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.533 | 5.486 | 5.562 | VV | 18311  | 401405 | 1.28% | 0.180% |
| 57 | 5.576 | 5.562 | 5.602 | VV | 7800   | 151997 | 0.48% | 0.068% |
| 58 | 5.618 | 5.602 | 5.645 | VV | 10746  | 160088 | 0.51% | 0.072% |
| 59 | 5.666 | 5.645 | 5.685 | VV | 10493  | 174855 | 0.56% | 0.078% |
| 60 | 5.725 | 5.685 | 5.751 | VV | 11387  | 338753 | 1.08% | 0.152% |
|    |       |       |       |    |        |        |       |        |
| 61 | 5.759 | 5.751 | 5.779 | VV | 10830  | 132587 | 0.42% | 0.059% |
| 62 | 5.805 | 5.779 | 5.821 | VV | 14494  | 208347 | 0.66% | 0.093% |
| 63 | 5.841 | 5.821 | 5.852 | VV | 13720  | 199466 | 0.64% | 0.089% |
| 64 | 5.868 | 5.852 | 5.904 | VV | 17524  | 350446 | 1.12% | 0.157% |
| 65 | 5.921 | 5.904 | 5.951 | VV | 12167  | 228744 | 0.73% | 0.102% |
|    |       |       |       |    |        |        |       |        |
| 66 | 5.968 | 5.951 | 6.001 | VV | 13697  | 268625 | 0.86% | 0.120% |
| 67 | 6.021 | 6.001 | 6.042 | VV | 9469   | 192988 | 0.62% | 0.086% |
| 68 | 6.068 | 6.042 | 6.122 | VV | 20171  | 494728 | 1.58% | 0.222% |
| 69 | 6.144 | 6.122 | 6.193 | VV | 78224  | 994524 | 3.17% | 0.446% |
| 70 | 6.227 | 6.193 | 6.239 | VV | 8591   | 165791 | 0.53% | 0.074% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.256 | 6.239 | 6.270 | VV | 13009  | 184158 | 0.59% | 0.083% |
| 72 | 6.291 | 6.270 | 6.312 | VV | 32903  | 459816 | 1.47% | 0.206% |
| 73 | 6.335 | 6.312 | 6.349 | VV | 13233  | 224370 | 0.72% | 0.101% |
| 74 | 6.361 | 6.349 | 6.371 | VV | 10682  | 124354 | 0.40% | 0.056% |
| 75 | 6.385 | 6.371 | 6.397 | VV | 12059  | 155323 | 0.50% | 0.070% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.413 | 6.397 | 6.435 | VV | 22303  | 304673 | 0.97% | 0.137% |
| 77 | 6.453 | 6.435 | 6.464 | VV | 15843  | 201984 | 0.64% | 0.090% |
| 78 | 6.478 | 6.464 | 6.503 | VV | 16227  | 287628 | 0.92% | 0.129% |
| 79 | 6.528 | 6.503 | 6.588 | VV | 50761  | 907140 | 2.89% | 0.406% |
| 80 | 6.608 | 6.588 | 6.624 | VV | 14028  | 230909 | 0.74% | 0.103% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.647 | 6.624 | 6.671 | VV | 23566  | 482961 | 1.54% | 0.216% |
| 82 | 6.694 | 6.671 | 6.721 | VV | 27299  | 479118 | 1.53% | 0.215% |
| 83 | 6.750 | 6.721 | 6.782 | VV | 37210  | 758952 | 2.42% | 0.340% |
| 84 | 6.797 | 6.782 | 6.814 | VV | 24503  | 291549 | 0.93% | 0.131% |
| 85 | 6.839 | 6.814 | 6.872 | VV | 33455  | 613783 | 1.96% | 0.275% |
|    |       |       |       |    |        |        |       |        |
| 86 | 6.893 | 6.872 | 6.914 | VV | 21994  | 354462 | 1.13% | 0.159% |
| 87 | 6.932 | 6.914 | 6.948 | VV | 15999  | 233883 | 0.75% | 0.105% |
| 88 | 6.960 | 6.948 | 6.970 | VV | 11595  | 136920 | 0.44% | 0.061% |
| 89 | 6.984 | 6.970 | 7.007 | VV | 11713  | 246754 | 0.79% | 0.111% |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 90     | 7.028 | 7.007 | 7.041 | VV | 43101  | 552218  | 1.76% | 0.247% |
| 91     | 7.060 | 7.041 | 7.095 | VV | 120199 | 1540055 | 4.91% | 0.690% |
| 92     | 7.105 | 7.095 | 7.154 | VV | 17120  | 522198  | 1.67% | 0.234% |
| 93     | 7.163 | 7.154 | 7.169 | VV | 11067  | 98149   | 0.31% | 0.044% |
| 94     | 7.178 | 7.169 | 7.190 | VV | 11375  | 136463  | 0.44% | 0.061% |
| 95     | 7.225 | 7.190 | 7.257 | VV | 35291  | 845323  | 2.70% | 0.379% |
| 96     | 7.274 | 7.257 | 7.299 | VV | 18888  | 328739  | 1.05% | 0.147% |
| 97     | 7.316 | 7.299 | 7.334 | VV | 15858  | 251766  | 0.80% | 0.113% |
| 98     | 7.414 | 7.401 | 7.446 | VV | 28394  | 556293  | 1.77% | 0.249% |
| 99     | 7.476 | 7.446 | 7.494 | VV | 24260  | 530820  | 1.69% | 0.238% |
| 100    | 7.512 | 7.494 | 7.527 | VV | 30373  | 447418  | 1.43% | 0.200% |
| 101    | 7.536 | 7.527 | 7.554 | VV | 21280  | 300973  | 0.96% | 0.135% |
| 102    | 7.575 | 7.554 | 7.594 | VV | 24951  | 448361  | 1.43% | 0.201% |
| 103    | 7.621 | 7.594 | 7.633 | VV | 31991  | 520073  | 1.66% | 0.233% |
| 104    | 7.645 | 7.633 | 7.658 | VV | 31615  | 390328  | 1.24% | 0.175% |
| 105    | 7.672 | 7.658 | 7.696 | VV | 36606  | 542763  | 1.73% | 0.243% |
| 106    | 7.744 | 7.696 | 7.769 | VV | 43978  | 909782  | 2.90% | 0.408% |
| 107    | 7.784 | 7.769 | 7.807 | VV | 15946  | 308815  | 0.98% | 0.138% |
| 108    | 7.831 | 7.807 | 7.852 | VV | 25382  | 548221  | 1.75% | 0.246% |
| 109    | 7.888 | 7.852 | 7.902 | VV | 28924  | 728733  | 2.32% | 0.327% |
| 110    | 7.923 | 7.902 | 7.955 | VV | 143093 | 1846499 | 5.89% | 0.827% |
| 111    | 7.982 | 7.955 | 7.998 | VV | 25301  | 572047  | 1.82% | 0.256% |
| 112    | 8.015 | 7.998 | 8.052 | VV | 28661  | 706446  | 2.25% | 0.317% |
| 113    | 8.069 | 8.052 | 8.083 | VV | 23399  | 371255  | 1.18% | 0.166% |
| 114    | 8.094 | 8.083 | 8.107 | VV | 22348  | 282168  | 0.90% | 0.126% |
| 115    | 8.128 | 8.107 | 8.175 | VV | 31107  | 799428  | 2.55% | 0.358% |
| 116    | 8.270 | 8.256 | 8.309 | VV | 31932  | 831693  | 2.65% | 0.373% |
| 117    | 8.340 | 8.309 | 8.355 | VV | 33688  | 741568  | 2.36% | 0.332% |
| 118    | 8.368 | 8.355 | 8.396 | VV | 29962  | 615376  | 1.96% | 0.276% |
| 119    | 8.412 | 8.396 | 8.434 | VV | 30229  | 542380  | 1.73% | 0.243% |
| 120    | 8.454 | 8.434 | 8.477 | VV | 60826  | 892416  | 2.85% | 0.400% |
| 121    | 8.507 | 8.477 | 8.537 | VV | 28784  | 737373  | 2.35% | 0.330% |
| 122    | 8.567 | 8.537 | 8.586 | VV | 19158  | 526379  | 1.68% | 0.236% |
| 123    | 8.595 | 8.586 | 8.612 | VV | 19604  | 291130  | 0.93% | 0.130% |
| 124    | 8.623 | 8.612 | 8.641 | VV | 19034  | 289456  | 0.92% | 0.130% |
| 125    | 8.674 | 8.641 | 8.694 | VV | 22394  | 617286  | 1.97% | 0.277% |
| 126    | 8.739 | 8.694 | 8.791 | VV | 152429 | 2538368 | 8.09% | 1.137% |
| 127    | 8.820 | 8.791 | 8.841 | VV | 26149  | 586428  | 1.87% | 0.263% |
| 128    | 8.866 | 8.841 | 8.890 | VV | 22078  | 540776  | 1.72% | 0.242% |
| 129    | 8.930 | 8.890 | 8.939 | VV | 20280  | 499957  | 1.59% | 0.224% |
| 130    | 8.951 | 8.939 | 8.967 | VV | 20480  | 322206  | 1.03% | 0.144% |
| 131    | 8.975 | 8.967 | 8.988 | VV | 17693  | 213288  | 0.68% | 0.096% |
| 132    | 9.009 | 8.988 | 9.041 | VV | 21882  | 590385  | 1.88% | 0.265% |
| 133    | 9.057 | 9.041 | 9.074 | VV | 18576  | 341036  | 1.09% | 0.153% |
| 134    | 9.106 | 9.074 | 9.142 | VV | 39969  | 1055846 | 3.37% | 0.473% |
| 135    | 9.159 | 9.142 | 9.177 | VV | 27118  | 499059  | 1.59% | 0.224% |
| 136    | 9.194 | 9.177 | 9.219 | VV | 31316  | 599224  | 1.91% | 0.268% |
| 137    | 9.240 | 9.219 | 9.258 | VV | 34357  | 571224  | 1.82% | 0.256% |
| 138    | 9.290 | 9.258 | 9.317 | VV | 30162  | 778187  | 2.48% | 0.349% |
| 139    | 9.324 | 9.317 | 9.334 | VV | 15307  | 145724  | 0.46% | 0.065% |
| 140    | 9.359 | 9.334 | 9.374 | VV | 16713  | 367245  | 1.17% | 0.165% |
| 141    | 9.384 | 9.374 | 9.396 | VV | 14674  | 188467  | 0.60% | 0.084% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.423  | 9.396  | 9.434  | VV | 19086  | 386090  | 1.23%  | 0.173% |
| 143    | 9.463  | 9.434  | 9.486  | VV | 28733  | 700486  | 2.23%  | 0.314% |
| 144    | 9.512  | 9.486  | 9.547  | VV | 152540 | 2102140 | 6.70%  | 0.942% |
| 145    | 9.584  | 9.547  | 9.602  | VV | 21689  | 592842  | 1.89%  | 0.266% |
| 146    | 9.611  | 9.602  | 9.648  | VV | 17220  | 414763  | 1.32%  | 0.186% |
| 147    | 9.669  | 9.648  | 9.707  | VV | 17476  | 505215  | 1.61%  | 0.226% |
| 148    | 9.741  | 9.707  | 9.761  | VV | 15405  | 452663  | 1.44%  | 0.203% |
| 149    | 9.791  | 9.761  | 9.817  | VV | 14683  | 469400  | 1.50%  | 0.210% |
| 150    | 9.856  | 9.817  | 9.865  | VV | 25324  | 537308  | 1.71%  | 0.241% |
| 151    | 9.895  | 9.865  | 9.927  | VV | 52791  | 1255250 | 4.00%  | 0.562% |
| 152    | 9.946  | 9.927  | 9.966  | VV | 27648  | 502999  | 1.60%  | 0.225% |
| 153    | 9.987  | 9.966  | 10.016 | VV | 29462  | 669647  | 2.14%  | 0.300% |
| 154    | 10.037 | 10.016 | 10.059 | VV | 30648  | 531492  | 1.69%  | 0.238% |
| 155    | 10.076 | 10.059 | 10.107 | VV | 14787  | 391222  | 1.25%  | 0.175% |
| 156    | 10.127 | 10.107 | 10.145 | VV | 17156  | 342292  | 1.09%  | 0.153% |
| 157    | 10.170 | 10.145 | 10.191 | VV | 17957  | 423143  | 1.35%  | 0.190% |
| 158    | 10.245 | 10.191 | 10.277 | VV | 141814 | 2268767 | 7.24%  | 1.017% |
| 159    | 10.315 | 10.277 | 10.396 | VV | 55399  | 1727191 | 5.51%  | 0.774% |
| 160    | 10.427 | 10.396 | 10.446 | VV | 15520  | 390050  | 1.24%  | 0.175% |
| 161    | 10.477 | 10.446 | 10.531 | VV | 38075  | 1061956 | 3.39%  | 0.476% |
| 162    | 10.563 | 10.531 | 10.600 | VV | 27821  | 830270  | 2.65%  | 0.372% |
| 163    | 10.625 | 10.600 | 10.648 | VV | 27369  | 619800  | 1.98%  | 0.278% |
| 164    | 10.655 | 10.648 | 10.673 | VV | 18971  | 247835  | 0.79%  | 0.111% |
| 165    | 10.696 | 10.673 | 10.724 | VV | 23365  | 505651  | 1.61%  | 0.227% |
| 166    | 10.747 | 10.724 | 10.769 | VV | 18653  | 384401  | 1.23%  | 0.172% |
| 167    | 10.788 | 10.769 | 10.811 | VV | 13527  | 291043  | 0.93%  | 0.130% |
| 168    | 10.849 | 10.811 | 10.857 | VV | 13368  | 315876  | 1.01%  | 0.142% |
| 169    | 10.880 | 10.857 | 10.912 | VV | 15086  | 419510  | 1.34%  | 0.188% |
| 170    | 10.943 | 10.912 | 10.981 | VV | 120949 | 1738611 | 5.54%  | 0.779% |
| 171    | 11.032 | 10.981 | 11.064 | VV | 41441  | 1061179 | 3.38%  | 0.475% |
| 172    | 11.083 | 11.064 | 11.109 | VV | 10850  | 280256  | 0.89%  | 0.126% |
| 173    | 11.135 | 11.109 | 11.167 | VV | 11835  | 360275  | 1.15%  | 0.161% |
| 174    | 11.239 | 11.167 | 11.267 | VV | 322347 | 4158738 | 13.26% | 1.863% |
| 175    | 11.277 | 11.267 | 11.289 | VV | 19507  | 241961  | 0.77%  | 0.108% |
| 176    | 11.329 | 11.289 | 11.356 | VV | 22182  | 727612  | 2.32%  | 0.326% |
| 177    | 11.380 | 11.356 | 11.402 | VV | 24170  | 501089  | 1.60%  | 0.225% |
| 178    | 11.422 | 11.402 | 11.441 | VV | 24109  | 399649  | 1.27%  | 0.179% |
| 179    | 11.456 | 11.441 | 11.476 | VV | 15855  | 288212  | 0.92%  | 0.129% |
| 180    | 11.496 | 11.476 | 11.555 | VV | 30913  | 715538  | 2.28%  | 0.321% |
| 181    | 11.610 | 11.555 | 11.634 | VV | 96656  | 1568249 | 5.00%  | 0.703% |
| 182    | 11.665 | 11.634 | 11.741 | VV | 655936 | 8137199 | 25.95% | 3.646% |
| 183    | 11.754 | 11.741 | 11.779 | VV | 9796   | 197322  | 0.63%  | 0.088% |
| 184    | 11.803 | 11.779 | 11.828 | VV | 10253  | 243033  | 0.78%  | 0.109% |
| 185    | 11.837 | 11.828 | 11.857 | VV | 6889   | 107321  | 0.34%  | 0.048% |
| 186    | 11.881 | 11.857 | 11.929 | VV | 14939  | 425442  | 1.36%  | 0.191% |
| 187    | 11.948 | 11.929 | 11.971 | VV | 11749  | 226723  | 0.72%  | 0.102% |
| 188    | 11.988 | 11.971 | 12.002 | VV | 12297  | 203058  | 0.65%  | 0.091% |
| 189    | 12.017 | 12.002 | 12.044 | VV | 14262  | 264468  | 0.84%  | 0.118% |
| 190    | 12.068 | 12.044 | 12.102 | VV | 15658  | 332432  | 1.06%  | 0.149% |
| 191    | 12.124 | 12.102 | 12.143 | VV | 16753  | 277239  | 0.88%  | 0.124% |
| 192    | 12.168 | 12.143 | 12.197 | VV | 17311  | 363269  | 1.16%  | 0.163% |
| 193    | 12.206 | 12.197 | 12.213 | VV | 9111   | 81730   | 0.26%  | 0.037% |
| 194    | 12.244 | 12.213 | 12.263 | VV | 83100  | 1118324 | 3.57%  | 0.501% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.279 | 12.263 | 12.349 | VV | 63792   | 1209001  | 3.86%   | 0.542%  |
| 196 | 12.361 | 12.349 | 12.371 | VV | 5020    | 61444    | 0.20%   | 0.028%  |
| 197 | 12.386 | 12.371 | 12.415 | VV | 6017    | 136685   | 0.44%   | 0.061%  |
| 198 | 12.468 | 12.415 | 12.477 | VV | 6117    | 188014   | 0.60%   | 0.084%  |
| 199 | 12.499 | 12.477 | 12.522 | VV | 8944    | 209061   | 0.67%   | 0.094%  |
| 200 | 12.545 | 12.522 | 12.554 | VV | 17363   | 254565   | 0.81%   | 0.114%  |
| 201 | 12.572 | 12.554 | 12.624 | VV | 61799   | 1048768  | 3.34%   | 0.470%  |
| 202 | 12.688 | 12.624 | 12.716 | VV | 1781990 | 30995204 | 98.84%  | 13.888% |
| 203 | 12.749 | 12.716 | 12.816 | VV | 2075193 | 31357666 | 100.00% | 14.050% |
| 204 | 12.856 | 12.816 | 12.884 | VV | 67310   | 1048093  | 3.34%   | 0.470%  |
| 205 | 12.910 | 12.884 | 12.939 | VV | 271450  | 3401974  | 10.85%  | 1.524%  |
| 206 | 12.947 | 12.939 | 12.958 | VV | 19392   | 203578   | 0.65%   | 0.091%  |
| 207 | 12.968 | 12.958 | 12.986 | VV | 21694   | 284683   | 0.91%   | 0.128%  |
| 208 | 12.997 | 12.986 | 13.022 | VV | 15335   | 260181   | 0.83%   | 0.117%  |
| 209 | 13.043 | 13.022 | 13.053 | VV | 10239   | 160218   | 0.51%   | 0.072%  |
| 210 | 13.071 | 13.053 | 13.141 | VV | 11847   | 476926   | 1.52%   | 0.214%  |
| 211 | 13.200 | 13.141 | 13.228 | VV | 74048   | 1414049  | 4.51%   | 0.634%  |
| 212 | 13.240 | 13.228 | 13.264 | VV | 12757   | 227624   | 0.73%   | 0.102%  |
| 213 | 13.282 | 13.264 | 13.294 | VV | 14530   | 194105   | 0.62%   | 0.087%  |
| 214 | 13.311 | 13.294 | 13.336 | VV | 16097   | 323172   | 1.03%   | 0.145%  |
| 215 | 13.345 | 13.336 | 13.374 | VV | 10495   | 170444   | 0.54%   | 0.076%  |
| 216 | 13.397 | 13.374 | 13.413 | VV | 14893   | 196333   | 0.63%   | 0.088%  |
| 217 | 13.437 | 13.413 | 13.464 | VV | 51229   | 736609   | 2.35%   | 0.330%  |
| 218 | 13.486 | 13.464 | 13.511 | VV | 19403   | 306571   | 0.98%   | 0.137%  |
| 219 | 13.545 | 13.511 | 13.594 | VV | 9657    | 277625   | 0.89%   | 0.124%  |
| 220 | 13.690 | 13.594 | 13.711 | VV | 56173   | 972144   | 3.10%   | 0.436%  |
| 221 | 13.726 | 13.711 | 13.759 | VV | 22282   | 479066   | 1.53%   | 0.215%  |
| 222 | 13.779 | 13.759 | 13.799 | VV | 15192   | 287434   | 0.92%   | 0.129%  |
| 223 | 13.811 | 13.799 | 13.819 | VV | 12340   | 136693   | 0.44%   | 0.061%  |
| 224 | 13.838 | 13.819 | 13.855 | VV | 21249   | 346574   | 1.11%   | 0.155%  |
| 225 | 13.886 | 13.855 | 13.944 | VV | 53325   | 1204277  | 3.84%   | 0.540%  |
| 226 | 13.996 | 13.944 | 14.027 | VV | 43873   | 837956   | 2.67%   | 0.375%  |
| 227 | 14.052 | 14.027 | 14.096 | VV | 55825   | 900425   | 2.87%   | 0.403%  |
| 228 | 14.109 | 14.096 | 14.122 | VV | 10823   | 147134   | 0.47%   | 0.066%  |
| 229 | 14.138 | 14.122 | 14.156 | VV | 10720   | 177311   | 0.57%   | 0.079%  |
| 230 | 14.164 | 14.156 | 14.184 | VV | 7433    | 92645    | 0.30%   | 0.042%  |
| 231 | 14.202 | 14.184 | 14.234 | VV | 7002    | 158895   | 0.51%   | 0.071%  |
| 232 | 14.251 | 14.234 | 14.289 | VV | 6440    | 122791   | 0.39%   | 0.055%  |
| 233 | 14.341 | 14.289 | 14.367 | VV | 3755    | 77841    | 0.25%   | 0.035%  |
| 234 | 14.390 | 14.367 | 14.401 | PV | 2025    | 23946    | 0.08%   | 0.011%  |
| 235 | 14.449 | 14.401 | 14.471 | VV | 32980   | 501280   | 1.60%   | 0.225%  |
| 236 | 14.489 | 14.471 | 14.510 | VV | 36249   | 537402   | 1.71%   | 0.241%  |
| 237 | 14.531 | 14.510 | 14.566 | VV | 37044   | 572702   | 1.83%   | 0.257%  |
| 238 | 14.603 | 14.566 | 14.626 | VV | 5457    | 124938   | 0.40%   | 0.056%  |
| 239 | 14.659 | 14.626 | 14.706 | VV | 5050    | 150826   | 0.48%   | 0.068%  |
| 240 | 14.729 | 14.706 | 14.746 | VV | 6520    | 92409    | 0.29%   | 0.041%  |
| 241 | 14.763 | 14.746 | 14.791 | VV | 3616    | 75029    | 0.24%   | 0.034%  |
| 242 | 14.803 | 14.791 | 14.817 | VV | 2962    | 36716    | 0.12%   | 0.016%  |
| 243 | 14.833 | 14.817 | 14.854 | VV | 2917    | 48485    | 0.15%   | 0.022%  |
| 244 | 14.877 | 14.854 | 14.895 | VV | 9600    | 148127   | 0.47%   | 0.066%  |
| 245 | 14.913 | 14.895 | 14.937 | VV | 9995    | 179244   | 0.57%   | 0.080%  |
| 246 | 14.954 | 14.937 | 14.987 | VV | 5294    | 80023    | 0.26%   | 0.036%  |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 15.002 | 14.987 | 15.010 | PV | 1074   | 11191   | 0.04% | 0.005% |
| 248 | 15.050 | 15.010 | 15.076 | VV | 23078  | 326914  | 1.04% | 0.146% |
| 249 | 15.111 | 15.076 | 15.151 | VV | 31497  | 636359  | 2.03% | 0.285% |
| 250 | 15.159 | 15.151 | 15.196 | VV | 6233   | 85443   | 0.27% | 0.038% |
|     |        |        |        |    |        |         |       |        |
| 251 | 15.232 | 15.196 | 15.252 | VV | 4303   | 88268   | 0.28% | 0.040% |
| 252 | 15.282 | 15.252 | 15.332 | VV | 6237   | 180380  | 0.58% | 0.081% |
| 253 | 15.369 | 15.332 | 15.391 | VV | 3209   | 69960   | 0.22% | 0.031% |
| 254 | 15.425 | 15.391 | 15.491 | VV | 3775   | 148976  | 0.48% | 0.067% |
| 255 | 15.508 | 15.491 | 15.517 | PV | 2215   | 21297   | 0.07% | 0.010% |
|     |        |        |        |    |        |         |       |        |
| 256 | 15.546 | 15.517 | 15.590 | VV | 39224  | 614366  | 1.96% | 0.275% |
| 257 | 15.610 | 15.590 | 15.632 | VV | 4154   | 74141   | 0.24% | 0.033% |
| 258 | 15.650 | 15.632 | 15.671 | VV | 2843   | 38817   | 0.12% | 0.017% |
| 259 | 15.714 | 15.671 | 15.730 | PV | 24552  | 421747  | 1.34% | 0.189% |
| 260 | 15.749 | 15.730 | 15.786 | VV | 29478  | 583548  | 1.86% | 0.261% |
|     |        |        |        |    |        |         |       |        |
| 261 | 15.801 | 15.786 | 15.866 | VV | 10055  | 341479  | 1.09% | 0.153% |
| 262 | 15.877 | 15.866 | 15.891 | VV | 6419   | 88242   | 0.28% | 0.040% |
| 263 | 15.915 | 15.891 | 15.947 | VV | 9873   | 224955  | 0.72% | 0.101% |
| 264 | 15.965 | 15.947 | 15.976 | VV | 5100   | 77410   | 0.25% | 0.035% |
| 265 | 16.001 | 15.976 | 16.016 | VV | 34052  | 482356  | 1.54% | 0.216% |
|     |        |        |        |    |        |         |       |        |
| 266 | 16.029 | 16.016 | 16.071 | VV | 38517  | 638067  | 2.03% | 0.286% |
| 267 | 16.091 | 16.071 | 16.115 | VV | 17721  | 288042  | 0.92% | 0.129% |
| 268 | 16.136 | 16.115 | 16.161 | VV | 10715  | 221243  | 0.71% | 0.099% |
| 269 | 16.203 | 16.161 | 16.227 | VV | 7885   | 261879  | 0.84% | 0.117% |
| 270 | 16.254 | 16.227 | 16.264 | VV | 5817   | 110701  | 0.35% | 0.050% |
|     |        |        |        |    |        |         |       |        |
| 271 | 16.283 | 16.264 | 16.301 | VV | 9322   | 160616  | 0.51% | 0.072% |
| 272 | 16.332 | 16.301 | 16.350 | VV | 63460  | 1062360 | 3.39% | 0.476% |
| 273 | 16.373 | 16.350 | 16.464 | VV | 92785  | 1925719 | 6.14% | 0.863% |
| 274 | 16.494 | 16.464 | 16.514 | VV | 39196  | 655438  | 2.09% | 0.294% |
| 275 | 16.526 | 16.514 | 16.549 | VV | 17168  | 290520  | 0.93% | 0.130% |
|     |        |        |        |    |        |         |       |        |
| 276 | 16.572 | 16.549 | 16.593 | VV | 12020  | 234965  | 0.75% | 0.105% |
| 277 | 16.648 | 16.593 | 16.671 | VV | 10593  | 391120  | 1.25% | 0.175% |
| 278 | 16.690 | 16.671 | 16.712 | VV | 11093  | 222479  | 0.71% | 0.100% |
| 279 | 16.777 | 16.712 | 16.811 | VV | 15819  | 643953  | 2.05% | 0.289% |
| 280 | 16.859 | 16.811 | 16.900 | VV | 14042  | 515804  | 1.64% | 0.231% |
|     |        |        |        |    |        |         |       |        |
| 281 | 16.943 | 16.900 | 16.967 | VV | 37713  | 726236  | 2.32% | 0.325% |
| 282 | 16.984 | 16.967 | 17.020 | VV | 13123  | 317519  | 1.01% | 0.142% |
| 283 | 17.088 | 17.020 | 17.129 | VV | 16747  | 677341  | 2.16% | 0.303% |
| 284 | 17.173 | 17.129 | 17.206 | VV | 9799   | 378109  | 1.21% | 0.169% |
| 285 | 17.224 | 17.206 | 17.234 | VV | 9991   | 148068  | 0.47% | 0.066% |
|     |        |        |        |    |        |         |       |        |
| 286 | 17.271 | 17.234 | 17.294 | VV | 12275  | 358947  | 1.14% | 0.161% |
| 287 | 17.315 | 17.294 | 17.326 | VV | 13553  | 222184  | 0.71% | 0.100% |
| 288 | 17.378 | 17.326 | 17.426 | VV | 44611  | 1069148 | 3.41% | 0.479% |
| 289 | 17.476 | 17.426 | 17.494 | VV | 34256  | 729965  | 2.33% | 0.327% |
| 290 | 17.508 | 17.494 | 17.561 | VV | 19513  | 604005  | 1.93% | 0.271% |
|     |        |        |        |    |        |         |       |        |
| 291 | 17.570 | 17.561 | 17.611 | VV | 11799  | 328659  | 1.05% | 0.147% |
| 292 | 17.669 | 17.611 | 17.715 | VV | 18416  | 843899  | 2.69% | 0.378% |
| 293 | 17.758 | 17.715 | 17.776 | VV | 22714  | 612065  | 1.95% | 0.274% |
| 294 | 17.799 | 17.776 | 17.823 | VV | 51015  | 876954  | 2.80% | 0.393% |
| 295 | 17.842 | 17.823 | 17.865 | VV | 31431  | 541308  | 1.73% | 0.243% |
|     |        |        |        |    |        |         |       |        |
| 296 | 17.885 | 17.865 | 17.909 | VV | 17653  | 397090  | 1.27% | 0.178% |
| 297 | 17.929 | 17.909 | 17.952 | VV | 20203  | 453712  | 1.45% | 0.203% |
| 298 | 17.961 | 17.952 | 17.971 | VV | 14974  | 153479  | 0.49% | 0.069% |
| 299 | 18.002 | 17.971 | 18.037 | VV | 23655  | 698709  | 2.23% | 0.313% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres                  |         |           |        |
| 300 | 18.057 | 18.037 | 18.127 | VV | 17223                   | 782296  | 2.49%     | 0.351% |
| 301 | 18.162 | 18.127 | 18.179 | VV | 20018                   | 483928  | 1.54%     | 0.217% |
| 302 | 18.207 | 18.179 | 18.244 | VV | 45137                   | 1004549 | 3.20%     | 0.450% |
| 303 | 18.264 | 18.244 | 18.289 | VV | 25766                   | 545856  | 1.74%     | 0.245% |
| 304 | 18.319 | 18.289 | 18.376 | VV | 27718                   | 1066819 | 3.40%     | 0.478% |
| 305 | 18.409 | 18.376 | 18.422 | VV | 17535                   | 453393  | 1.45%     | 0.203% |
| 306 | 18.451 | 18.422 | 18.486 | VV | 20225                   | 693853  | 2.21%     | 0.311% |
| 307 | 18.501 | 18.486 | 18.512 | VV | 20131                   | 281698  | 0.90%     | 0.126% |
| 308 | 18.521 | 18.512 | 18.541 | VV | 19649                   | 313905  | 1.00%     | 0.141% |
| 309 | 18.547 | 18.541 | 18.564 | VV | 18738                   | 243962  | 0.78%     | 0.109% |
| 310 | 18.601 | 18.564 | 18.641 | VV | 53799                   | 1380405 | 4.40%     | 0.618% |
| 311 | 18.666 | 18.641 | 18.687 | VV | 24330                   | 551889  | 1.76%     | 0.247% |
| 312 | 18.711 | 18.687 | 18.734 | VV | 22653                   | 542348  | 1.73%     | 0.243% |
| 313 | 18.758 | 18.734 | 18.779 | VV | 21807                   | 532767  | 1.70%     | 0.239% |
| 314 | 18.794 | 18.779 | 18.815 | VV | 22279                   | 427354  | 1.36%     | 0.191% |
| 315 | 18.832 | 18.815 | 18.841 | VV | 20334                   | 274701  | 0.88%     | 0.123% |
| 316 | 18.858 | 18.841 | 18.911 | VV | 20271                   | 783891  | 2.50%     | 0.351% |
| 317 | 18.924 | 18.911 | 18.941 | VV | 19219                   | 314779  | 1.00%     | 0.141% |
| 318 | 18.988 | 18.941 | 19.044 | VV | 53409                   | 1709574 | 5.45%     | 0.766% |
| 319 | 19.068 | 19.044 | 19.086 | VV | 23211                   | 528869  | 1.69%     | 0.237% |
| 320 | 19.098 | 19.086 | 19.117 | VV | 24879                   | 435361  | 1.39%     | 0.195% |
| 321 | 19.127 | 19.117 | 19.147 | VV | 22542                   | 384843  | 1.23%     | 0.172% |
| 322 | 19.179 | 19.147 | 19.206 | VV | 27697                   | 838899  | 2.68%     | 0.376% |
| 323 | 19.247 | 19.206 | 19.271 | VV | 25603                   | 937167  | 2.99%     | 0.420% |
| 324 | 19.287 | 19.271 | 19.329 | VV | 29532                   | 848959  | 2.71%     | 0.380% |
| 325 | 19.365 | 19.329 | 19.393 | VV | 50459                   | 1343738 | 4.29%     | 0.602% |
| 326 | 19.402 | 19.393 | 19.432 | VV | 29823                   | 582050  | 1.86%     | 0.261% |
| 327 | 19.480 | 19.432 | 19.527 | VV | 32334                   | 1464578 | 4.67%     | 0.656% |
| 328 | 19.551 | 19.527 | 19.559 | VV | 30250                   | 510563  | 1.63%     | 0.229% |
| 329 | 19.586 | 19.559 | 19.627 | VV | 34929                   | 1238432 | 3.95%     | 0.555% |
| 330 | 19.645 | 19.627 | 19.659 | VV | 27761                   | 499065  | 1.59%     | 0.224% |
| 331 | 19.680 | 19.659 | 19.696 | VV | 28810                   | 595855  | 1.90%     | 0.267% |
| 332 | 19.727 | 19.696 | 19.767 | VV | 45636                   | 1504288 | 4.80%     | 0.674% |
| 333 | 19.781 | 19.767 | 19.800 | VV | 30101                   | 555066  | 1.77%     | 0.249% |
| 334 | 19.821 | 19.800 | 19.869 | VV | 33968                   | 1276203 | 4.07%     | 0.572% |
| 335 | 19.890 | 19.869 | 19.919 | VV | 34537                   | 958717  | 3.06%     | 0.430% |
| 336 | 19.934 | 19.919 | 19.960 | VV | 30465                   | 694254  | 2.21%     | 0.311% |
| 337 | 19.974 | 19.960 | 19.984 | VV | 31144                   | 416683  | 1.33%     | 0.187% |
| 338 | 20.004 | 19.984 | 20.023 | VV | 30370                   | 666801  | 2.13%     | 0.299% |
|     |        |        |        |    | Sum of corrected areas: |         | 223186983 |        |

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