

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111821AL\  
 Data File : FD039511.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 Nov 2021 1:34  
 Sample : M4744-01  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102621.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.419       | 3.405        | 3.535      | PH       | 1351           | 24477        | 0.43%          | 0.009%        |
| 2         | 3.547       | 3.535        | 3.565      | PV       | 134            | 1800         | 0.03%          | 0.001%        |
| 3         | 3.575       | 3.565        | 3.595      | VV       | 731            | 5910         | 0.10%          | 0.002%        |
| 4         | 3.614       | 3.595        | 3.647      | VV       | 207            | 3033         | 0.05%          | 0.001%        |
| 5         | 3.659       | 3.647        | 3.677      | VV       | 273            | 2835         | 0.05%          | 0.001%        |
| 6         | 3.697       | 3.677        | 3.715      | VV       | 398            | 4749         | 0.08%          | 0.002%        |
| 7         | 3.725       | 3.715        | 3.737      | VV       | 158            | 1310         | 0.02%          | 0.000%        |
| 8         | 3.750       | 3.737        | 3.768      | VV       | 130            | 1627         | 0.03%          | 0.001%        |
| 9         | 3.811       | 3.768        | 3.858      | VV       | 539            | 11622        | 0.20%          | 0.004%        |
| 10        | 3.865       | 3.858        | 3.885      | VV       | 277            | 2045         | 0.04%          | 0.001%        |
| 11        | 3.891       | 3.885        | 3.900      | PV       | 171            | 1050         | 0.02%          | 0.000%        |
| 12        | 3.914       | 3.900        | 3.951      | VV       | 324            | 4599         | 0.08%          | 0.002%        |
| 13        | 3.966       | 3.951        | 3.976      | PV       | 319            | 1956         | 0.03%          | 0.001%        |
| 14        | 3.992       | 3.976        | 4.061      | VV       | 1285           | 18586        | 0.32%          | 0.007%        |
| 15        | 4.081       | 4.061        | 4.097      | VV       | 1363           | 17132        | 0.30%          | 0.006%        |
| 16        | 4.109       | 4.097        | 4.171      | VV       | 1142           | 23407        | 0.41%          | 0.009%        |
| 17        | 4.184       | 4.171        | 4.219      | VV       | 374            | 5179         | 0.09%          | 0.002%        |
| 18        | 4.259       | 4.219        | 4.281      | PV       | 372            | 7058         | 0.12%          | 0.003%        |
| 19        | 4.300       | 4.281        | 4.381      | VV       | 318            | 9273         | 0.16%          | 0.003%        |
| 20        | 4.396       | 4.381        | 4.451      | VV       | 167            | 3704         | 0.06%          | 0.001%        |
| 21        | 4.490       | 4.470        | 4.525      | VV       | 1515           | 14979        | 0.26%          | 0.006%        |
| 22        | 4.539       | 4.525        | 4.558      | VV       | 547            | 5743         | 0.10%          | 0.002%        |
| 23        | 4.566       | 4.558        | 4.606      | VV       | 295            | 6186         | 0.11%          | 0.002%        |
| 24        | 4.615       | 4.606        | 4.625      | VV       | 222            | 1894         | 0.03%          | 0.001%        |
| 25        | 4.641       | 4.625        | 4.681      | VV       | 2355           | 26883        | 0.47%          | 0.010%        |
| 26        | 4.689       | 4.681        | 4.727      | VV       | 358            | 7576         | 0.13%          | 0.003%        |
| 27        | 4.743       | 4.727        | 4.761      | VV       | 560            | 6008         | 0.10%          | 0.002%        |
| 28        | 4.778       | 4.761        | 4.812      | VV       | 315            | 4829         | 0.08%          | 0.002%        |
| 29        | 4.861       | 4.836        | 4.885      | VV       | 189            | 3375         | 0.06%          | 0.001%        |
| 30        | 4.905       | 4.885        | 4.954      | VV       | 272            | 4312         | 0.08%          | 0.002%        |
| 31        | 4.968       | 4.954        | 4.988      | PV       | 251            | 2664         | 0.05%          | 0.001%        |
| 32        | 4.996       | 4.988        | 5.015      | VV       | 211            | 1908         | 0.03%          | 0.001%        |
| 33        | 5.026       | 5.015        | 5.040      | VV       | 104            | 1051         | 0.02%          | 0.000%        |
| 34        | 5.101       | 5.070        | 5.111      | VV       | 336            | 4548         | 0.08%          | 0.002%        |
| 35        | 5.121       | 5.111        | 5.158      | VV       | 287            | 5289         | 0.09%          | 0.002%        |
| 36        | 5.185       | 5.158        | 5.198      | VV       | 303            | 4443         | 0.08%          | 0.002%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.233 | 5.198 | 5.282 | VV | 452    | 10869 | 0.19% | 0.004% |
| 38 | 5.292 | 5.282 | 5.311 | VV | 146    | 1130  | 0.02% | 0.000% |
| 39 | 5.352 | 5.311 | 5.404 | VV | 389    | 10957 | 0.19% | 0.004% |
| 40 | 5.422 | 5.404 | 5.503 | VV | 482    | 9926  | 0.17% | 0.004% |
| 41 | 5.526 | 5.503 | 5.545 | PV | 1260   | 13852 | 0.24% | 0.005% |
| 42 | 5.564 | 5.545 | 5.587 | VV | 994    | 12436 | 0.22% | 0.005% |
| 43 | 5.598 | 5.587 | 5.611 | VV | 226    | 2566  | 0.04% | 0.001% |
| 44 | 5.617 | 5.611 | 5.631 | VV | 167    | 1290  | 0.02% | 0.000% |
| 45 | 5.683 | 5.631 | 5.695 | VV | 304    | 5236  | 0.09% | 0.002% |
| 46 | 5.714 | 5.695 | 5.729 | VV | 615    | 9280  | 0.16% | 0.003% |
| 47 | 5.744 | 5.729 | 5.785 | VV | 840    | 13062 | 0.23% | 0.005% |
| 48 | 5.813 | 5.785 | 5.847 | VV | 563    | 10865 | 0.19% | 0.004% |
| 49 | 5.869 | 5.847 | 5.888 | VV | 388    | 4761  | 0.08% | 0.002% |
| 50 | 5.938 | 5.888 | 5.958 | VV | 304    | 7394  | 0.13% | 0.003% |
| 51 | 5.985 | 5.958 | 6.005 | PV | 171    | 2697  | 0.05% | 0.001% |
| 52 | 6.056 | 6.005 | 6.066 | VV | 1297   | 17927 | 0.31% | 0.007% |
| 53 | 6.085 | 6.066 | 6.128 | VV | 4931   | 63628 | 1.11% | 0.024% |
| 54 | 6.147 | 6.128 | 6.199 | VV | 3199   | 61220 | 1.07% | 0.023% |
| 55 | 6.220 | 6.199 | 6.245 | VV | 1249   | 20719 | 0.36% | 0.008% |
| 56 | 6.255 | 6.245 | 6.280 | VV | 455    | 7091  | 0.12% | 0.003% |
| 57 | 6.299 | 6.280 | 6.334 | VV | 433    | 9718  | 0.17% | 0.004% |
| 58 | 6.353 | 6.334 | 6.375 | VV | 377    | 5200  | 0.09% | 0.002% |
| 59 | 6.389 | 6.375 | 6.406 | VV | 240    | 3199  | 0.06% | 0.001% |
| 60 | 6.435 | 6.406 | 6.457 | VV | 612    | 11948 | 0.21% | 0.004% |
| 61 | 6.469 | 6.457 | 6.481 | VV | 389    | 4015  | 0.07% | 0.001% |
| 62 | 6.506 | 6.481 | 6.581 | VV | 1726   | 27776 | 0.48% | 0.010% |
| 63 | 6.625 | 6.581 | 6.635 | VV | 395    | 8455  | 0.15% | 0.003% |
| 64 | 6.654 | 6.635 | 6.677 | VV | 989    | 13718 | 0.24% | 0.005% |
| 65 | 6.709 | 6.677 | 6.744 | VV | 548    | 12785 | 0.22% | 0.005% |
| 66 | 6.782 | 6.744 | 6.804 | PV | 606    | 13655 | 0.24% | 0.005% |
| 67 | 6.833 | 6.804 | 6.857 | VV | 683    | 11205 | 0.20% | 0.004% |
| 68 | 6.871 | 6.857 | 6.882 | VV | 406    | 4719  | 0.08% | 0.002% |
| 69 | 6.914 | 6.882 | 6.948 | VV | 743    | 15221 | 0.27% | 0.006% |
| 70 | 6.967 | 6.948 | 6.995 | VV | 1855   | 28522 | 0.50% | 0.011% |
| 71 | 7.011 | 6.995 | 7.024 | VV | 969    | 13652 | 0.24% | 0.005% |
| 72 | 7.061 | 7.024 | 7.091 | VV | 931    | 28888 | 0.50% | 0.011% |
| 73 | 7.139 | 7.091 | 7.191 | VV | 4505   | 72637 | 1.27% | 0.027% |
| 74 | 7.208 | 7.191 | 7.251 | VV | 1421   | 27459 | 0.48% | 0.010% |
| 75 | 7.273 | 7.251 | 7.297 | VV | 5327   | 57216 | 1.00% | 0.021% |
| 76 | 7.310 | 7.297 | 7.334 | VV | 692    | 11143 | 0.19% | 0.004% |
| 77 | 7.345 | 7.334 | 7.374 | VV | 401    | 7046  | 0.12% | 0.003% |
| 78 | 7.391 | 7.374 | 7.408 | PV | 466    | 6393  | 0.11% | 0.002% |
| 79 | 7.428 | 7.408 | 7.466 | VV | 2423   | 31670 | 0.55% | 0.012% |
| 80 | 7.485 | 7.466 | 7.504 | VV | 564    | 8702  | 0.15% | 0.003% |
| 81 | 7.524 | 7.504 | 7.537 | VV | 685    | 8698  | 0.15% | 0.003% |
| 82 | 7.559 | 7.537 | 7.577 | VV | 735    | 13620 | 0.24% | 0.005% |
| 83 | 7.621 | 7.577 | 7.646 | VV | 987    | 26307 | 0.46% | 0.010% |
| 84 | 7.663 | 7.646 | 7.677 | VV | 432    | 4958  | 0.09% | 0.002% |
| 85 | 7.864 | 7.825 | 7.876 | VV | 2482   | 54402 | 0.95% | 0.020% |
| 86 | 7.884 | 7.876 | 7.901 | VV | 2297   | 26827 | 0.47% | 0.010% |
| 87 | 7.916 | 7.901 | 7.935 | VV | 1259   | 18582 | 0.32% | 0.007% |
| 88 | 7.955 | 7.935 | 7.976 | VV | 747    | 14864 | 0.26% | 0.005% |
| 89 | 8.026 | 7.976 | 8.056 | VV | 3183   | 75725 | 1.32% | 0.028% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 8.066  | 8.056  | 8.098  | VV | 1178   | 23455  | 0.41%  | 0.009% |
| 91  | 8.118  | 8.098  | 8.175  | VV | 4379   | 104636 | 1.83%  | 0.039% |
| 92  | 8.233  | 8.175  | 8.248  | VV | 9990   | 128365 | 2.24%  | 0.047% |
| 93  | 8.262  | 8.248  | 8.282  | VV | 6943   | 85971  | 1.50%  | 0.032% |
| 94  | 8.297  | 8.282  | 8.328  | VV | 3975   | 55528  | 0.97%  | 0.021% |
| 95  | 8.341  | 8.328  | 8.360  | VV | 1527   | 20454  | 0.36%  | 0.008% |
| 96  | 8.396  | 8.360  | 8.447  | VV | 4197   | 129768 | 2.26%  | 0.048% |
| 97  | 8.468  | 8.447  | 8.490  | VV | 2520   | 39103  | 0.68%  | 0.014% |
| 98  | 8.508  | 8.490  | 8.531  | VV | 3664   | 49031  | 0.86%  | 0.018% |
| 99  | 8.555  | 8.531  | 8.563  | VV | 1825   | 28716  | 0.50%  | 0.011% |
| 100 | 8.575  | 8.563  | 8.587  | VV | 1818   | 23978  | 0.42%  | 0.009% |
| 101 | 8.713  | 8.683  | 8.741  | VV | 14251  | 213247 | 3.72%  | 0.079% |
| 102 | 8.766  | 8.741  | 8.811  | VV | 7986   | 173203 | 3.02%  | 0.064% |
| 103 | 8.829  | 8.811  | 8.849  | VV | 4709   | 76100  | 1.33%  | 0.028% |
| 104 | 8.871  | 8.849  | 8.888  | VV | 2520   | 52798  | 0.92%  | 0.020% |
| 105 | 8.908  | 8.888  | 8.921  | VV | 2300   | 42366  | 0.74%  | 0.016% |
| 106 | 8.953  | 8.921  | 8.971  | VV | 8374   | 143240 | 2.50%  | 0.053% |
| 107 | 8.986  | 8.971  | 9.007  | VV | 7625   | 107109 | 1.87%  | 0.040% |
| 108 | 9.024  | 9.007  | 9.045  | VV | 4093   | 80158  | 1.40%  | 0.030% |
| 109 | 9.070  | 9.045  | 9.086  | VV | 4026   | 86089  | 1.50%  | 0.032% |
| 110 | 9.118  | 9.086  | 9.136  | VV | 8832   | 143169 | 2.50%  | 0.053% |
| 111 | 9.160  | 9.136  | 9.178  | VV | 8505   | 127328 | 2.22%  | 0.047% |
| 112 | 9.189  | 9.178  | 9.204  | VV | 3587   | 50102  | 0.87%  | 0.019% |
| 113 | 9.218  | 9.204  | 9.235  | VV | 3350   | 51736  | 0.90%  | 0.019% |
| 114 | 9.276  | 9.235  | 9.293  | VV | 8582   | 152151 | 2.65%  | 0.056% |
| 115 | 9.308  | 9.293  | 9.346  | VV | 6317   | 131046 | 2.29%  | 0.048% |
| 116 | 9.410  | 9.346  | 9.432  | VV | 9523   | 253641 | 4.43%  | 0.094% |
| 117 | 9.455  | 9.432  | 9.465  | VV | 4581   | 82225  | 1.43%  | 0.030% |
| 118 | 9.496  | 9.465  | 9.543  | VV | 18974  | 392201 | 6.84%  | 0.145% |
| 119 | 9.574  | 9.543  | 9.601  | VV | 11054  | 238811 | 4.17%  | 0.088% |
| 120 | 9.615  | 9.601  | 9.627  | VV | 6795   | 91988  | 1.60%  | 0.034% |
| 121 | 9.645  | 9.627  | 9.662  | VV | 10310  | 162542 | 2.84%  | 0.060% |
| 122 | 9.674  | 9.662  | 9.688  | VV | 8531   | 119263 | 2.08%  | 0.044% |
| 123 | 9.702  | 9.688  | 9.720  | VV | 9257   | 148166 | 2.59%  | 0.055% |
| 124 | 9.735  | 9.720  | 9.761  | VV | 7759   | 154109 | 2.69%  | 0.057% |
| 125 | 9.818  | 9.761  | 9.857  | VV | 10043  | 398688 | 6.96%  | 0.147% |
| 126 | 9.867  | 9.857  | 9.878  | VV | 7004   | 83810  | 1.46%  | 0.031% |
| 127 | 9.916  | 9.878  | 9.939  | VV | 11115  | 334370 | 5.83%  | 0.124% |
| 128 | 9.949  | 9.939  | 9.964  | VV | 7149   | 105461 | 1.84%  | 0.039% |
| 129 | 9.977  | 9.964  | 9.990  | VV | 7222   | 104946 | 1.83%  | 0.039% |
| 130 | 10.010 | 9.990  | 10.042 | VV | 9015   | 229393 | 4.00%  | 0.085% |
| 131 | 10.075 | 10.042 | 10.122 | VV | 8456   | 337700 | 5.89%  | 0.125% |
| 132 | 10.171 | 10.122 | 10.189 | VV | 7356   | 269458 | 4.70%  | 0.100% |
| 133 | 10.237 | 10.189 | 10.262 | VV | 12240  | 366052 | 6.39%  | 0.135% |
| 134 | 10.287 | 10.262 | 10.310 | VV | 11763  | 272714 | 4.76%  | 0.101% |
| 135 | 10.343 | 10.310 | 10.357 | VV | 14964  | 325035 | 5.67%  | 0.120% |
| 136 | 10.374 | 10.357 | 10.398 | VV | 18565  | 350883 | 6.12%  | 0.130% |
| 137 | 10.417 | 10.398 | 10.457 | VV | 17374  | 446092 | 7.78%  | 0.165% |
| 138 | 10.494 | 10.457 | 10.532 | VV | 17187  | 595419 | 10.39% | 0.220% |
| 139 | 10.553 | 10.532 | 10.574 | VV | 16459  | 355331 | 6.20%  | 0.131% |
| 140 | 10.585 | 10.574 | 10.601 | VV | 12836  | 196366 | 3.43%  | 0.073% |
| 141 | 10.631 | 10.601 | 10.647 | VV | 18372  | 411840 | 7.19%  | 0.152% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.660 | 10.647 | 10.675 | VV | 16456  | 248496  | 4.34%   | 0.092% |
| 143    | 10.702 | 10.675 | 10.755 | VV | 22982  | 802291  | 14.00%  | 0.297% |
| 144    | 10.774 | 10.755 | 10.786 | VV | 16456  | 291083  | 5.08%   | 0.108% |
| 145    | 10.790 | 10.786 | 10.818 | VV | 15778  | 267502  | 4.67%   | 0.099% |
|        |        |        |        |    |        |         |         |        |
| 146    | 10.897 | 10.818 | 10.947 | VV | 138562 | 2492127 | 43.48%  | 0.922% |
| 147    | 10.972 | 10.947 | 11.041 | VV | 43948  | 1202673 | 20.98%  | 0.445% |
| 148    | 11.077 | 11.041 | 11.093 | VV | 17187  | 494793  | 8.63%   | 0.183% |
| 149    | 11.111 | 11.093 | 11.126 | VV | 17365  | 318605  | 5.56%   | 0.118% |
| 150    | 11.150 | 11.126 | 11.158 | VV | 17640  | 317160  | 5.53%   | 0.117% |
|        |        |        |        |    |        |         |         |        |
| 151    | 11.190 | 11.158 | 11.226 | VV | 22258  | 789127  | 13.77%  | 0.292% |
| 152    | 11.247 | 11.226 | 11.265 | VV | 19644  | 442384  | 7.72%   | 0.164% |
| 153    | 11.287 | 11.265 | 11.308 | VV | 22969  | 529275  | 9.23%   | 0.196% |
| 154    | 11.334 | 11.308 | 11.353 | VV | 23850  | 576857  | 10.06%  | 0.213% |
| 155    | 11.381 | 11.353 | 11.395 | VV | 22926  | 540852  | 9.44%   | 0.200% |
|        |        |        |        |    |        |         |         |        |
| 156    | 11.420 | 11.395 | 11.454 | VV | 33210  | 873271  | 15.24%  | 0.323% |
| 157    | 11.492 | 11.454 | 11.519 | VV | 23656  | 796782  | 13.90%  | 0.295% |
| 158    | 11.550 | 11.519 | 11.570 | VV | 26684  | 687626  | 12.00%  | 0.254% |
| 159    | 11.585 | 11.570 | 11.615 | VV | 23151  | 573229  | 10.00%  | 0.212% |
| 160    | 11.663 | 11.615 | 11.685 | VV | 463667 | 5731486 | 100.00% | 2.120% |
|        |        |        |        |    |        |         |         |        |
| 161    | 11.698 | 11.685 | 11.713 | VV | 48425  | 665898  | 11.62%  | 0.246% |
| 162    | 11.730 | 11.713 | 11.769 | VV | 53662  | 1106712 | 19.31%  | 0.409% |
| 163    | 11.815 | 11.769 | 11.830 | VV | 45208  | 1214647 | 21.19%  | 0.449% |
| 164    | 11.848 | 11.830 | 11.863 | VV | 50861  | 779800  | 13.61%  | 0.288% |
| 165    | 11.879 | 11.863 | 11.930 | VV | 49830  | 1274260 | 22.23%  | 0.471% |
|        |        |        |        |    |        |         |         |        |
| 166    | 12.003 | 11.930 | 12.042 | VV | 32851  | 1844428 | 32.18%  | 0.682% |
| 167    | 12.059 | 12.042 | 12.078 | VV | 33813  | 659355  | 11.50%  | 0.244% |
| 168    | 12.098 | 12.078 | 12.118 | VV | 30712  | 676360  | 11.80%  | 0.250% |
| 169    | 12.167 | 12.118 | 12.185 | VV | 36477  | 1198563 | 20.91%  | 0.443% |
| 170    | 12.198 | 12.185 | 12.213 | VV | 29380  | 462488  | 8.07%   | 0.171% |
|        |        |        |        |    |        |         |         |        |
| 171    | 12.247 | 12.213 | 12.287 | VV | 47500  | 1501925 | 26.20%  | 0.555% |
| 172    | 12.313 | 12.287 | 12.335 | VV | 34557  | 881526  | 15.38%  | 0.326% |
| 173    | 12.344 | 12.335 | 12.358 | VV | 28967  | 396657  | 6.92%   | 0.147% |
| 174    | 12.378 | 12.358 | 12.401 | VV | 32878  | 803064  | 14.01%  | 0.297% |
| 175    | 12.421 | 12.401 | 12.467 | VV | 33816  | 1259188 | 21.97%  | 0.466% |
|        |        |        |        |    |        |         |         |        |
| 176    | 12.489 | 12.467 | 12.527 | VV | 37924  | 1192150 | 20.80%  | 0.441% |
| 177    | 12.562 | 12.527 | 12.578 | VV | 34566  | 983701  | 17.16%  | 0.364% |
| 178    | 12.597 | 12.578 | 12.616 | VV | 59516  | 1038771 | 18.12%  | 0.384% |
| 179    | 12.638 | 12.616 | 12.685 | VV | 49410  | 1671228 | 29.16%  | 0.618% |
| 180    | 12.715 | 12.685 | 12.749 | VV | 143695 | 2540314 | 44.32%  | 0.939% |
|        |        |        |        |    |        |         |         |        |
| 181    | 12.769 | 12.749 | 12.797 | VV | 36285  | 987531  | 17.23%  | 0.365% |
| 182    | 12.809 | 12.797 | 12.821 | VV | 32884  | 467885  | 8.16%   | 0.173% |
| 183    | 12.836 | 12.821 | 12.850 | VV | 33780  | 569645  | 9.94%   | 0.211% |
| 184    | 12.871 | 12.850 | 12.881 | VV | 36728  | 665149  | 11.61%  | 0.246% |
| 185    | 12.900 | 12.881 | 12.915 | VV | 39817  | 759043  | 13.24%  | 0.281% |
|        |        |        |        |    |        |         |         |        |
| 186    | 12.947 | 12.915 | 12.988 | VV | 39850  | 1595303 | 27.83%  | 0.590% |
| 187    | 13.013 | 12.988 | 13.047 | VV | 133419 | 2336821 | 40.77%  | 0.864% |
| 188    | 13.090 | 13.047 | 13.121 | VV | 356989 | 5513641 | 96.20%  | 2.039% |
| 189    | 13.130 | 13.121 | 13.155 | VV | 43304  | 814025  | 14.20%  | 0.301% |
| 190    | 13.187 | 13.155 | 13.208 | VV | 40934  | 1239401 | 21.62%  | 0.458% |
|        |        |        |        |    |        |         |         |        |
| 191    | 13.214 | 13.208 | 13.234 | VV | 39378  | 580627  | 10.13%  | 0.215% |
| 192    | 13.253 | 13.234 | 13.266 | VV | 45140  | 774892  | 13.52%  | 0.287% |
| 193    | 13.317 | 13.266 | 13.331 | VV | 48362  | 1737053 | 30.31%  | 0.642% |
| 194    | 13.341 | 13.331 | 13.384 | VV | 46564  | 1298880 | 22.66%  | 0.480% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.406 | 13.384 | 13.418 | VV | 42926  | 793600  | 13.85% | 0.293% |
| 196 | 13.432 | 13.418 | 13.451 | VV | 44971  | 810246  | 14.14% | 0.300% |
| 197 | 13.478 | 13.451 | 13.503 | VV | 54652  | 1426268 | 24.88% | 0.527% |
| 198 | 13.527 | 13.503 | 13.545 | VV | 39922  | 979067  | 17.08% | 0.362% |
| 199 | 13.560 | 13.545 | 13.567 | VV | 40942  | 542988  | 9.47%  | 0.201% |
| 200 | 13.600 | 13.567 | 13.630 | VV | 63090  | 1809634 | 31.57% | 0.669% |
| 201 | 13.643 | 13.630 | 13.657 | VV | 41029  | 639431  | 11.16% | 0.236% |
| 202 | 13.669 | 13.657 | 13.684 | VV | 42554  | 662230  | 11.55% | 0.245% |
| 203 | 13.707 | 13.684 | 13.730 | VV | 54502  | 1255946 | 21.91% | 0.464% |
| 204 | 13.748 | 13.730 | 13.764 | VV | 49691  | 935931  | 16.33% | 0.346% |
| 205 | 13.782 | 13.764 | 13.813 | VV | 45398  | 1269025 | 22.14% | 0.469% |
| 206 | 13.877 | 13.813 | 13.902 | VV | 55200  | 2580715 | 45.03% | 0.954% |
| 207 | 13.919 | 13.902 | 13.941 | VV | 50440  | 1057629 | 18.45% | 0.391% |
| 208 | 13.995 | 13.941 | 14.021 | VV | 42676  | 1975511 | 34.47% | 0.731% |
| 209 | 14.054 | 14.021 | 14.098 | VV | 43955  | 1929032 | 33.66% | 0.713% |
| 210 | 14.123 | 14.098 | 14.138 | VV | 42181  | 979000  | 17.08% | 0.362% |
| 211 | 14.150 | 14.138 | 14.168 | VV | 42089  | 751953  | 13.12% | 0.278% |
| 212 | 14.209 | 14.168 | 14.224 | VV | 43631  | 1397939 | 24.39% | 0.517% |
| 213 | 14.239 | 14.224 | 14.248 | VV | 44000  | 618578  | 10.79% | 0.229% |
| 214 | 14.265 | 14.248 | 14.277 | VV | 45159  | 772719  | 13.48% | 0.286% |
| 215 | 14.305 | 14.277 | 14.325 | VV | 48961  | 1332843 | 23.25% | 0.493% |
| 216 | 14.355 | 14.325 | 14.377 | VV | 50939  | 1459088 | 25.46% | 0.540% |
| 217 | 14.400 | 14.377 | 14.419 | VV | 51338  | 1196495 | 20.88% | 0.442% |
| 218 | 14.434 | 14.419 | 14.459 | VV | 47940  | 1109887 | 19.36% | 0.410% |
| 219 | 14.470 | 14.459 | 14.488 | VV | 45872  | 777346  | 13.56% | 0.287% |
| 220 | 14.517 | 14.488 | 14.552 | VV | 51161  | 1769553 | 30.87% | 0.654% |
| 221 | 14.575 | 14.552 | 14.598 | VV | 54895  | 1299866 | 22.68% | 0.481% |
| 222 | 14.664 | 14.598 | 14.682 | VV | 50712  | 2318976 | 40.46% | 0.858% |
| 223 | 14.697 | 14.682 | 14.715 | VV | 46412  | 879520  | 15.35% | 0.325% |
| 224 | 14.733 | 14.715 | 14.748 | VV | 43986  | 861853  | 15.04% | 0.319% |
| 225 | 14.759 | 14.748 | 14.780 | VV | 44572  | 856416  | 14.94% | 0.317% |
| 226 | 14.837 | 14.780 | 14.849 | VV | 45749  | 1804237 | 31.48% | 0.667% |
| 227 | 14.887 | 14.849 | 14.907 | VV | 87988  | 2124616 | 37.07% | 0.786% |
| 228 | 14.929 | 14.907 | 14.958 | VV | 90808  | 1922882 | 33.55% | 0.711% |
| 229 | 14.979 | 14.958 | 15.011 | VV | 47181  | 1432805 | 25.00% | 0.530% |
| 230 | 15.048 | 15.011 | 15.069 | VV | 53447  | 1639286 | 28.60% | 0.606% |
| 231 | 15.084 | 15.069 | 15.108 | VV | 46381  | 1064483 | 18.57% | 0.394% |
| 232 | 15.131 | 15.108 | 15.171 | VV | 49932  | 1732474 | 30.23% | 0.641% |
| 233 | 15.190 | 15.171 | 15.238 | VV | 47705  | 1809793 | 31.58% | 0.669% |
| 234 | 15.255 | 15.238 | 15.297 | VV | 47888  | 1610112 | 28.09% | 0.595% |
| 235 | 15.324 | 15.297 | 15.361 | VV | 59106  | 1947881 | 33.99% | 0.720% |
| 236 | 15.370 | 15.361 | 15.390 | VV | 47126  | 798637  | 13.93% | 0.295% |
| 237 | 15.402 | 15.390 | 15.428 | VV | 44352  | 976272  | 17.03% | 0.361% |
| 238 | 15.456 | 15.428 | 15.485 | VV | 51934  | 1598231 | 27.89% | 0.591% |
| 239 | 15.511 | 15.485 | 15.533 | VV | 46185  | 1289276 | 22.49% | 0.477% |
| 240 | 15.559 | 15.533 | 15.581 | VV | 58772  | 1463050 | 25.53% | 0.541% |
| 241 | 15.598 | 15.581 | 15.625 | VV | 51361  | 1257842 | 21.95% | 0.465% |
| 242 | 15.643 | 15.625 | 15.653 | VV | 46340  | 762080  | 13.30% | 0.282% |
| 243 | 15.722 | 15.653 | 15.769 | VV | 54477  | 3363123 | 58.68% | 1.244% |
| 244 | 15.799 | 15.769 | 15.815 | VV | 46649  | 1243149 | 21.69% | 0.460% |
| 245 | 15.844 | 15.815 | 15.858 | VV | 45942  | 1186587 | 20.70% | 0.439% |
| 246 | 15.881 | 15.858 | 15.901 | VV | 46942  | 1154780 | 20.15% | 0.427% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.956 | 15.901 | 15.975 | VV | 52288 | 2096894 | 36.59% | 0.775% |
| 248    | 15.989 | 15.975 | 16.021 | VV | 48066 | 1295430 | 22.60% | 0.479% |
| 249    | 16.029 | 16.021 | 16.051 | VV | 44409 | 771713  | 13.46% | 0.285% |
| 250    | 16.062 | 16.051 | 16.085 | VV | 45213 | 906105  | 15.81% | 0.335% |
| 251    | 16.098 | 16.085 | 16.118 | VV | 44664 | 875834  | 15.28% | 0.324% |
| 252    | 16.155 | 16.118 | 16.211 | VV | 53216 | 2669792 | 46.58% | 0.987% |
| 253    | 16.251 | 16.211 | 16.286 | VV | 52031 | 2182463 | 38.08% | 0.807% |
| 254    | 16.357 | 16.286 | 16.384 | VV | 52129 | 2824414 | 49.28% | 1.044% |
| 255    | 16.442 | 16.384 | 16.499 | VV | 89041 | 3948580 | 68.89% | 1.460% |
| 256    | 16.546 | 16.499 | 16.556 | VV | 51378 | 1678040 | 29.28% | 0.621% |
| 257    | 16.578 | 16.556 | 16.641 | VV | 58255 | 2700751 | 47.12% | 0.999% |
| 258    | 16.652 | 16.641 | 16.695 | VV | 52358 | 1595896 | 27.84% | 0.590% |
| 259    | 16.726 | 16.695 | 16.734 | VV | 50937 | 1169284 | 20.40% | 0.432% |
| 260    | 16.765 | 16.734 | 16.791 | VV | 72271 | 1975229 | 34.46% | 0.730% |
| 261    | 16.822 | 16.791 | 16.853 | VV | 80890 | 2168085 | 37.83% | 0.802% |
| 262    | 16.923 | 16.853 | 16.955 | VV | 59123 | 3252101 | 56.74% | 1.203% |
| 263    | 16.966 | 16.955 | 16.992 | VV | 52969 | 1141031 | 19.91% | 0.422% |
| 264    | 17.026 | 16.992 | 17.035 | VV | 51070 | 1279865 | 22.33% | 0.473% |
| 265    | 17.061 | 17.035 | 17.100 | VV | 50579 | 1919941 | 33.50% | 0.710% |
| 266    | 17.122 | 17.100 | 17.143 | VV | 51621 | 1286319 | 22.44% | 0.476% |
| 267    | 17.163 | 17.143 | 17.191 | VV | 54772 | 1516737 | 26.46% | 0.561% |
| 268    | 17.203 | 17.191 | 17.207 | VV | 54000 | 511954  | 8.93%  | 0.189% |
| 269    | 17.231 | 17.207 | 17.268 | VV | 61139 | 2022849 | 35.29% | 0.748% |
| 270    | 17.278 | 17.268 | 17.287 | VV | 51102 | 584325  | 10.20% | 0.216% |
| 271    | 17.342 | 17.287 | 17.374 | VV | 59558 | 2775599 | 48.43% | 1.026% |
| 272    | 17.401 | 17.374 | 17.423 | VV | 50910 | 1446261 | 25.23% | 0.535% |
| 273    | 17.436 | 17.423 | 17.451 | VV | 49757 | 819669  | 14.30% | 0.303% |
| 274    | 17.479 | 17.451 | 17.503 | VV | 56098 | 1600542 | 27.93% | 0.592% |
| 275    | 17.534 | 17.503 | 17.572 | VV | 55205 | 2069050 | 36.10% | 0.765% |
| 276    | 17.580 | 17.572 | 17.618 | VV | 48041 | 1276396 | 22.27% | 0.472% |
| 277    | 17.629 | 17.618 | 17.645 | VV | 47226 | 739202  | 12.90% | 0.273% |
| 278    | 17.652 | 17.645 | 17.678 | VV | 47168 | 930053  | 16.23% | 0.344% |
| 279    | 17.746 | 17.678 | 17.765 | VV | 53673 | 2531881 | 44.17% | 0.936% |
| 280    | 17.789 | 17.765 | 17.837 | VV | 56855 | 2201455 | 38.41% | 0.814% |
| 281    | 17.849 | 17.837 | 17.867 | VV | 47858 | 852044  | 14.87% | 0.315% |
| 282    | 17.879 | 17.867 | 17.891 | VV | 46212 | 646863  | 11.29% | 0.239% |
| 283    | 17.948 | 17.891 | 17.965 | VV | 62568 | 2332894 | 40.70% | 0.863% |
| 284    | 17.975 | 17.965 | 18.031 | VV | 56499 | 1975130 | 34.46% | 0.730% |
| 285    | 18.049 | 18.031 | 18.068 | VV | 45721 | 982206  | 17.14% | 0.363% |
| 286    | 18.094 | 18.068 | 18.111 | VV | 47857 | 1181804 | 20.62% | 0.437% |
| 287    | 18.148 | 18.111 | 18.166 | VV | 52506 | 1612297 | 28.13% | 0.596% |
| 288    | 18.189 | 18.166 | 18.250 | VV | 63291 | 2596478 | 45.30% | 0.960% |
| 289    | 18.268 | 18.250 | 18.288 | VV | 46052 | 1026879 | 17.92% | 0.380% |
| 290    | 18.315 | 18.288 | 18.400 | VV | 61249 | 3234650 | 56.44% | 1.196% |
| 291    | 18.440 | 18.400 | 18.508 | VV | 58681 | 2931968 | 51.16% | 1.084% |
| 292    | 18.541 | 18.508 | 18.558 | VV | 41182 | 1199751 | 20.93% | 0.444% |
| 293    | 18.577 | 18.558 | 18.595 | VV | 45993 | 948928  | 16.56% | 0.351% |
| 294    | 18.613 | 18.595 | 18.675 | VV | 49655 | 2016427 | 35.18% | 0.746% |
| 295    | 18.682 | 18.675 | 18.702 | VV | 38663 | 629433  | 10.98% | 0.233% |
| 296    | 18.734 | 18.702 | 18.757 | VV | 46376 | 1356217 | 23.66% | 0.502% |
| 297    | 18.783 | 18.757 | 18.809 | VV | 45996 | 1295540 | 22.60% | 0.479% |
| 298    | 18.817 | 18.809 | 18.851 | VV | 39644 | 965160  | 16.84% | 0.357% |
| 299    | 18.873 | 18.851 | 18.888 | VV | 40336 | 866880  | 15.12% | 0.321% |

| rteres                  |        |        |        |    |       |           |        |        |
|-------------------------|--------|--------|--------|----|-------|-----------|--------|--------|
| 300                     | 18.900 | 18.888 | 18.934 | VV | 41077 | 1071911   | 18.70% | 0.396% |
| 301                     | 19.006 | 18.934 | 19.035 | VV | 43505 | 2371581   | 41.38% | 0.877% |
| 302                     | 19.059 | 19.035 | 19.092 | VV | 40094 | 1310938   | 22.87% | 0.485% |
| 303                     | 19.127 | 19.092 | 19.172 | VV | 39660 | 1752505   | 30.58% | 0.648% |
| 304                     | 19.192 | 19.172 | 19.225 | VV | 34530 | 1063192   | 18.55% | 0.393% |
| 305                     | 19.241 | 19.225 | 19.258 | VV | 35023 | 681977    | 11.90% | 0.252% |
| 306                     | 19.273 | 19.258 | 19.321 | VV | 34483 | 1278797   | 22.31% | 0.473% |
| 307                     | 19.330 | 19.321 | 19.363 | VV | 33551 | 819706    | 14.30% | 0.303% |
| 308                     | 19.392 | 19.363 | 19.416 | VV | 38372 | 1127789   | 19.68% | 0.417% |
| 309                     | 19.438 | 19.416 | 19.471 | VV | 36326 | 1133157   | 19.77% | 0.419% |
| 310                     | 19.533 | 19.471 | 19.558 | VV | 35480 | 1745551   | 30.46% | 0.646% |
| 311                     | 19.594 | 19.558 | 19.621 | VV | 38695 | 1337907   | 23.34% | 0.495% |
| 312                     | 19.663 | 19.621 | 19.728 | VV | 39138 | 2231338   | 38.93% | 0.825% |
| 313                     | 19.764 | 19.728 | 19.804 | VV | 39463 | 1589323   | 27.73% | 0.588% |
| 314                     | 19.831 | 19.804 | 19.857 | VV | 34447 | 1033574   | 18.03% | 0.382% |
| 315                     | 19.870 | 19.857 | 19.902 | VV | 32626 | 851379    | 14.85% | 0.315% |
| 316                     | 19.970 | 19.902 | 20.010 | VV | 41241 | 2232408   | 38.95% | 0.826% |
| 317                     | 20.050 | 20.010 | 20.093 | VV | 34981 | 1664903   | 29.05% | 0.616% |
| 318                     | 20.106 | 20.093 | 20.110 | VV | 33323 | 336081    | 5.86%  | 0.124% |
| 319                     | 20.130 | 20.110 | 20.161 | VV | 35255 | 1034740   | 18.05% | 0.383% |
| 320                     | 20.234 | 20.161 | 20.246 | VV | 35524 | 1710272   | 29.84% | 0.632% |
| 321                     | 20.253 | 20.246 | 20.271 | VV | 33799 | 502917    | 8.77%  | 0.186% |
| 322                     | 20.283 | 20.271 | 20.321 | VV | 33160 | 968603    | 16.90% | 0.358% |
| 323                     | 20.355 | 20.321 | 20.387 | VV | 33740 | 1281617   | 22.36% | 0.474% |
| 324                     | 20.404 | 20.387 | 20.425 | VV | 32289 | 717790    | 12.52% | 0.265% |
| 325                     | 20.440 | 20.425 | 20.475 | VV | 30943 | 907700    | 15.84% | 0.336% |
| 326                     | 20.487 | 20.475 | 20.531 | VV | 32557 | 1025826   | 17.90% | 0.379% |
| 327                     | 20.551 | 20.531 | 20.600 | VV | 29670 | 1126822   | 19.66% | 0.417% |
| 328                     | 20.616 | 20.600 | 20.641 | VV | 27653 | 653761    | 11.41% | 0.242% |
| 329                     | 20.646 | 20.641 | 20.686 | VV | 24683 | 632719    | 11.04% | 0.234% |
| 330                     | 20.694 | 20.686 | 20.703 | VV | 22805 | 233317    | 4.07%  | 0.086% |
| 331                     | 20.719 | 20.703 | 20.836 | VV | 23988 | 1742744   | 30.41% | 0.644% |
| 332                     | 20.868 | 20.836 | 20.942 | VV | 21170 | 1189096   | 20.75% | 0.440% |
| 333                     | 20.965 | 20.942 | 21.001 | VV | 17425 | 593816    | 10.36% | 0.220% |
| 334                     | 21.019 | 21.001 | 21.158 | VV | 16576 | 1311192   | 22.88% | 0.485% |
| 335                     | 21.193 | 21.158 | 21.215 | VV | 12286 | 401503    | 7.01%  | 0.148% |
| 336                     | 21.243 | 21.215 | 21.275 | VV | 10799 | 378538    | 6.60%  | 0.140% |
| 337                     | 21.293 | 21.275 | 21.355 | VV | 11639 | 500913    | 8.74%  | 0.185% |
| 338                     | 21.374 | 21.355 | 21.508 | VV | 10086 | 674349    | 11.77% | 0.249% |
| 339                     | 21.541 | 21.508 | 21.618 | VV | 8322  | 373789    | 6.52%  | 0.138% |
| 340                     | 21.647 | 21.618 | 21.711 | VV | 4049  | 175815    | 3.07%  | 0.065% |
| 341                     | 21.721 | 21.711 | 21.730 | VV | 2206  | 19058     | 0.33%  | 0.007% |
| 342                     | 21.777 | 21.730 | 21.836 | VV | 3189  | 131274    | 2.29%  | 0.049% |
| 343                     | 21.855 | 21.836 | 21.877 | VV | 831   | 11464     | 0.20%  | 0.004% |
| Sum of corrected areas: |        |        |        |    |       | 270410601 |        |        |

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