

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD032818AL\  
Data File : FD022687.D  
Signal(s) : FID2B.CH  
Acq On : 29 Mar 2018 2:21  
Sample : J2096-01  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.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         | 3.250       | 3.222        | 3.278      | VV       | 1822           | 35605        | 0.01%          | 0.000%        |
| 2         | 3.295       | 3.278        | 3.304      | VV       | 1717           | 18125        | 0.00%          | 0.000%        |
| 3         | 3.318       | 3.304        | 3.340      | VV       | 1831           | 27475        | 0.01%          | 0.000%        |
| 4         | 3.358       | 3.340        | 3.388      | VV       | 870            | 16864        | 0.00%          | 0.000%        |
| 5         | 3.425       | 3.388        | 3.460      | PV       | 3488           | 70157        | 0.01%          | 0.000%        |
| 6         | 3.472       | 3.460        | 3.496      | VV       | 1670           | 24052        | 0.00%          | 0.000%        |
| 7         | 3.557       | 3.496        | 3.595      | VV       | 2602           | 71955        | 0.01%          | 0.000%        |
| 8         | 3.612       | 3.595        | 3.653      | VV       | 2055           | 32324        | 0.01%          | 0.000%        |
| 9         | 3.694       | 3.653        | 3.706      | VV       | 1471           | 29519        | 0.01%          | 0.000%        |
| 10        | 3.725       | 3.706        | 3.757      | VV       | 1976           | 36725        | 0.01%          | 0.000%        |
| 11        | 3.783       | 3.757        | 3.803      | VV       | 1399           | 27734        | 0.01%          | 0.000%        |
| 12        | 3.820       | 3.803        | 3.831      | VV       | 1440           | 19534        | 0.00%          | 0.000%        |
| 13        | 3.865       | 3.831        | 3.911      | VV       | 3433           | 93220        | 0.02%          | 0.000%        |
| 14        | 3.925       | 3.911        | 3.962      | VV       | 1839           | 38808        | 0.01%          | 0.000%        |
| 15        | 3.996       | 3.962        | 4.023      | VV       | 1562           | 26237        | 0.00%          | 0.000%        |
| 16        | 4.093       | 4.023        | 4.124      | VV       | 5815           | 92444        | 0.02%          | 0.000%        |
| 17        | 4.157       | 4.124        | 4.190      | VV       | 2448           | 61821        | 0.01%          | 0.000%        |
| 18        | 4.220       | 4.190        | 4.256      | PV       | 1783           | 44300        | 0.01%          | 0.000%        |
| 19        | 4.277       | 4.256        | 4.325      | VV       | 3272           | 86164        | 0.02%          | 0.000%        |
| 20        | 4.342       | 4.325        | 4.375      | VV       | 3769           | 68902        | 0.01%          | 0.000%        |
| 21        | 4.389       | 4.375        | 4.430      | VV       | 2164           | 51148        | 0.01%          | 0.000%        |
| 22        | 4.449       | 4.430        | 4.461      | VV       | 1829           | 24625        | 0.00%          | 0.000%        |
| 23        | 4.480       | 4.461        | 4.495      | VV       | 2621           | 41846        | 0.01%          | 0.000%        |
| 24        | 4.505       | 4.495        | 4.518      | VV       | 1925           | 23855        | 0.00%          | 0.000%        |
| 25        | 4.543       | 4.518        | 4.579      | VV       | 6682           | 117804       | 0.02%          | 0.001%        |
| 26        | 4.594       | 4.579        | 4.628      | VV       | 2388           | 48079        | 0.01%          | 0.000%        |
| 27        | 4.699       | 4.651        | 4.709      | PV       | 3670           | 65125        | 0.01%          | 0.000%        |
| 28        | 4.722       | 4.709        | 4.741      | VV       | 3473           | 48373        | 0.01%          | 0.000%        |
| 29        | 4.785       | 4.741        | 4.799      | VV       | 10148          | 180274       | 0.03%          | 0.001%        |
| 30        | 4.808       | 4.799        | 4.820      | VV       | 5352           | 54939        | 0.01%          | 0.000%        |
| 31        | 4.834       | 4.820        | 4.854      | VV       | 3948           | 62306        | 0.01%          | 0.000%        |
| 32        | 4.883       | 4.854        | 4.897      | VV       | 2235           | 44827        | 0.01%          | 0.000%        |
| 33        | 4.912       | 4.897        | 4.923      | VV       | 2224           | 24145        | 0.00%          | 0.000%        |
| 34        | 4.940       | 4.923        | 4.957      | VV       | 3514           | 52239        | 0.01%          | 0.000%        |
| 35        | 4.988       | 4.957        | 5.058      | VV       | 21948          | 343301       | 0.06%          | 0.002%        |
| 36        | 5.064       | 5.058        | 5.073      | VV       | 1837           | 15283        | 0.00%          | 0.000%        |

| rteres |       |       |       |    |        |          |       |        |
|--------|-------|-------|-------|----|--------|----------|-------|--------|
| 37     | 5.085 | 5.073 | 5.100 | VV | 2283   | 25774    | 0.00% | 0.000% |
| 38     | 5.124 | 5.100 | 5.141 | VV | 17596  | 204358   | 0.04% | 0.001% |
| 39     | 5.156 | 5.141 | 5.203 | VV | 21452  | 263200   | 0.05% | 0.001% |
| 40     | 5.233 | 5.203 | 5.260 | VV | 7234   | 130100   | 0.02% | 0.001% |
| 41     | 5.286 | 5.260 | 5.323 | VV | 22026  | 381218   | 0.07% | 0.002% |
| 42     | 5.344 | 5.323 | 5.355 | VV | 7936   | 122826   | 0.02% | 0.001% |
| 43     | 5.362 | 5.355 | 5.379 | VV | 7008   | 80766    | 0.01% | 0.000% |
| 44     | 5.403 | 5.379 | 5.440 | VV | 8594   | 235479   | 0.04% | 0.001% |
| 45     | 5.463 | 5.440 | 5.474 | VV | 10203  | 166144   | 0.03% | 0.001% |
| 46     | 5.498 | 5.474 | 5.551 | VV | 13594  | 405919   | 0.08% | 0.002% |
| 47     | 5.569 | 5.551 | 5.577 | VV | 10794  | 124998   | 0.02% | 0.001% |
| 48     | 5.607 | 5.577 | 5.636 | VV | 40213  | 701800   | 0.13% | 0.004% |
| 49     | 5.662 | 5.636 | 5.684 | VV | 57210  | 846410   | 0.16% | 0.004% |
| 50     | 5.696 | 5.684 | 5.720 | VV | 26619  | 506533   | 0.09% | 0.003% |
| 51     | 5.739 | 5.720 | 5.767 | VV | 44581  | 759156   | 0.14% | 0.004% |
| 52     | 5.786 | 5.767 | 5.803 | VV | 38848  | 547708   | 0.10% | 0.003% |
| 53     | 5.832 | 5.803 | 5.865 | VV | 32479  | 937725   | 0.17% | 0.005% |
| 54     | 5.881 | 5.865 | 5.902 | VV | 36248  | 611247   | 0.11% | 0.003% |
| 55     | 5.918 | 5.902 | 5.935 | VV | 27165  | 452066   | 0.08% | 0.002% |
| 56     | 5.999 | 5.935 | 6.011 | VV | 53548  | 1515896  | 0.28% | 0.008% |
| 57     | 6.025 | 6.011 | 6.081 | VV | 59747  | 1681983  | 0.31% | 0.009% |
| 58     | 6.121 | 6.081 | 6.142 | VV | 57273  | 1224154  | 0.23% | 0.006% |
| 59     | 6.165 | 6.142 | 6.176 | VV | 63847  | 920932   | 0.17% | 0.005% |
| 60     | 6.182 | 6.176 | 6.197 | VV | 55711  | 631908   | 0.12% | 0.003% |
| 61     | 6.261 | 6.197 | 6.298 | VV | 73813  | 3517911  | 0.65% | 0.018% |
| 62     | 6.337 | 6.298 | 6.364 | VV | 76276  | 2210214  | 0.41% | 0.011% |
| 63     | 6.404 | 6.364 | 6.419 | VV | 89291  | 2321618  | 0.43% | 0.012% |
| 64     | 6.435 | 6.419 | 6.451 | VV | 90603  | 1436074  | 0.27% | 0.007% |
| 65     | 6.474 | 6.451 | 6.493 | VV | 95247  | 2073066  | 0.38% | 0.011% |
| 66     | 6.501 | 6.493 | 6.514 | VV | 81239  | 971719   | 0.18% | 0.005% |
| 67     | 6.533 | 6.514 | 6.550 | VV | 142588 | 2231952  | 0.41% | 0.012% |
| 68     | 6.569 | 6.550 | 6.584 | VV | 123734 | 2064319  | 0.38% | 0.011% |
| 69     | 6.635 | 6.584 | 6.662 | VV | 148916 | 5672730  | 1.05% | 0.030% |
| 70     | 6.689 | 6.662 | 6.699 | VV | 136388 | 2646393  | 0.49% | 0.014% |
| 71     | 6.723 | 6.699 | 6.760 | VV | 191097 | 5468859  | 1.01% | 0.028% |
| 72     | 6.795 | 6.760 | 6.818 | VV | 195966 | 5500456  | 1.02% | 0.029% |
| 73     | 6.855 | 6.818 | 6.865 | VV | 189509 | 4316246  | 0.80% | 0.022% |
| 74     | 6.881 | 6.865 | 6.899 | VV | 212137 | 3871558  | 0.72% | 0.020% |
| 75     | 6.914 | 6.899 | 6.933 | VV | 197058 | 3470046  | 0.64% | 0.018% |
| 76     | 6.960 | 6.933 | 6.971 | VV | 203204 | 4055237  | 0.75% | 0.021% |
| 77     | 7.005 | 6.971 | 7.029 | VV | 225700 | 7266715  | 1.34% | 0.038% |
| 78     | 7.044 | 7.029 | 7.053 | VV | 215503 | 3036696  | 0.56% | 0.016% |
| 79     | 7.068 | 7.053 | 7.081 | VV | 239017 | 3771759  | 0.70% | 0.020% |
| 80     | 7.096 | 7.081 | 7.118 | VV | 239359 | 5075263  | 0.94% | 0.026% |
| 81     | 7.149 | 7.118 | 7.164 | VV | 301202 | 7465004  | 1.38% | 0.039% |
| 82     | 7.185 | 7.164 | 7.215 | VV | 344885 | 8805925  | 1.63% | 0.046% |
| 83     | 7.230 | 7.215 | 7.237 | VV | 261588 | 3326115  | 0.62% | 0.017% |
| 84     | 7.287 | 7.237 | 7.304 | VV | 565957 | 14850782 | 2.75% | 0.077% |
| 85     | 7.322 | 7.304 | 7.358 | VV | 765031 | 14926776 | 2.76% | 0.078% |
| 86     | 7.374 | 7.358 | 7.400 | VV | 376820 | 8520984  | 1.58% | 0.044% |
| 87     | 7.432 | 7.400 | 7.453 | VV | 586010 | 13983435 | 2.59% | 0.073% |
| 88     | 7.479 | 7.453 | 7.500 | VV | 485531 | 11827329 | 2.19% | 0.062% |
| 89     | 7.567 | 7.500 | 7.585 | VV | 557603 | 23570737 | 4.36% | 0.123% |

|     |        |        |        |    |         |           |        |        |
|-----|--------|--------|--------|----|---------|-----------|--------|--------|
|     |        |        |        |    | rteres  |           |        |        |
| 90  | 7.610  | 7.585  | 7.653  | VV | 963459  | 26485912  | 4.90%  | 0.138% |
| 91  | 7.672  | 7.653  | 7.690  | VV | 649112  | 12787832  | 2.37%  | 0.067% |
| 92  | 7.712  | 7.690  | 7.728  | VV | 759469  | 14622640  | 2.71%  | 0.076% |
| 93  | 7.751  | 7.728  | 7.783  | VV | 828487  | 23126163  | 4.28%  | 0.120% |
| 94  | 7.804  | 7.783  | 7.827  | VV | 710825  | 17615593  | 3.26%  | 0.092% |
| 95  | 7.883  | 7.827  | 7.919  | VV | 766146  | 40157356  | 7.43%  | 0.209% |
| 96  | 7.955  | 7.919  | 7.964  | VV | 835970  | 21317581  | 3.94%  | 0.111% |
| 97  | 7.976  | 7.964  | 7.991  | VV | 846318  | 13623643  | 2.52%  | 0.071% |
| 98  | 8.034  | 7.991  | 8.103  | VV | 1823762 | 80063440  | 14.82% | 0.416% |
| 99  | 8.133  | 8.103  | 8.177  | VV | 1227272 | 50228630  | 9.29%  | 0.261% |
| 100 | 8.199  | 8.177  | 8.231  | VV | 1141749 | 35482194  | 6.57%  | 0.185% |
| 101 | 8.260  | 8.231  | 8.297  | VV | 1466499 | 53147836  | 9.84%  | 0.276% |
| 102 | 8.332  | 8.297  | 8.352  | VV | 2054688 | 56177393  | 10.40% | 0.292% |
| 103 | 8.361  | 8.352  | 8.376  | VV | 1928988 | 27939509  | 5.17%  | 0.145% |
| 104 | 8.396  | 8.376  | 8.478  | VV | 2062152 | 113527821 | 21.01% | 0.590% |
| 105 | 8.519  | 8.478  | 8.541  | VV | 1770393 | 65761212  | 12.17% | 0.342% |
| 106 | 8.565  | 8.541  | 8.577  | VV | 1800191 | 38463484  | 7.12%  | 0.200% |
| 107 | 8.625  | 8.577  | 8.697  | VV | 1939437 | 135199347 | 25.02% | 0.703% |
| 108 | 8.707  | 8.697  | 8.731  | VV | 1910228 | 37237044  | 6.89%  | 0.194% |
| 109 | 8.819  | 8.731  | 8.875  | VV | 2051984 | 170810871 | 31.61% | 0.888% |
| 110 | 8.962  | 8.875  | 8.980  | VV | 2211024 | 133347655 | 24.68% | 0.694% |
| 111 | 9.034  | 8.980  | 9.058  | VV | 2612315 | 115439873 | 21.36% | 0.600% |
| 112 | 9.130  | 9.058  | 9.159  | VV | 3193494 | 176813141 | 32.72% | 0.920% |
| 113 | 9.191  | 9.159  | 9.249  | VV | 3098123 | 160955498 | 29.79% | 0.837% |
| 114 | 9.298  | 9.249  | 9.318  | VV | 2978367 | 120596815 | 22.32% | 0.627% |
| 115 | 9.330  | 9.318  | 9.348  | VV | 2875391 | 51246711  | 9.48%  | 0.267% |
| 116 | 9.368  | 9.348  | 9.390  | VV | 2879674 | 71535737  | 13.24% | 0.372% |
| 117 | 9.403  | 9.390  | 9.412  | VV | 2844774 | 36823560  | 6.81%  | 0.192% |
| 118 | 9.493  | 9.412  | 9.513  | VV | 3112616 | 181102604 | 33.51% | 0.942% |
| 119 | 9.588  | 9.513  | 9.611  | VV | 3367700 | 188563976 | 34.89% | 0.981% |
| 120 | 9.635  | 9.611  | 9.657  | VV | 3422489 | 93907859  | 17.38% | 0.488% |
| 121 | 9.714  | 9.657  | 9.725  | VV | 3471546 | 138999403 | 25.72% | 0.723% |
| 122 | 9.766  | 9.725  | 9.787  | VV | 3599384 | 130801814 | 24.21% | 0.680% |
| 123 | 9.796  | 9.787  | 9.801  | VV | 3601125 | 29363610  | 5.43%  | 0.153% |
| 124 | 9.825  | 9.801  | 9.848  | VV | 3683651 | 103359928 | 19.13% | 0.538% |
| 125 | 9.935  | 9.848  | 9.945  | VV | 4343585 | 227652239 | 42.13% | 1.184% |
| 126 | 9.982  | 9.945  | 10.005 | VV | 4471113 | 158756343 | 29.38% | 0.826% |
| 127 | 10.010 | 10.005 | 10.022 | VV | 4508482 | 47153157  | 8.73%  | 0.245% |
| 128 | 10.043 | 10.022 | 10.055 | VV | 4452271 | 85347961  | 15.79% | 0.444% |
| 129 | 10.072 | 10.055 | 10.098 | VV | 4484271 | 114658842 | 21.22% | 0.596% |
| 130 | 10.104 | 10.098 | 10.114 | VV | 4383221 | 41612386  | 7.70%  | 0.216% |
| 131 | 10.124 | 10.114 | 10.133 | VV | 4388620 | 48375816  | 8.95%  | 0.252% |
| 132 | 10.142 | 10.133 | 10.178 | VV | 4327998 | 118672658 | 21.96% | 0.617% |
| 133 | 10.293 | 10.178 | 10.307 | VV | 4769549 | 352354184 | 65.20% | 1.833% |
| 134 | 10.327 | 10.307 | 10.337 | VV | 4962642 | 86905718  | 16.08% | 0.452% |
| 135 | 10.392 | 10.337 | 10.497 | VV | 5852703 | 521564766 | 96.52% | 2.713% |
| 136 | 10.549 | 10.497 | 10.569 | VV | 5479069 | 228915589 | 42.36% | 1.191% |
| 137 | 10.591 | 10.569 | 10.608 | VV | 5442744 | 125445282 | 23.21% | 0.652% |
| 138 | 10.618 | 10.608 | 10.637 | VV | 5484341 | 97309790  | 18.01% | 0.506% |
| 139 | 10.649 | 10.637 | 10.671 | VV | 5473432 | 111101413 | 20.56% | 0.578% |
| 140 | 10.697 | 10.671 | 10.745 | VV | 5633101 | 244752205 | 45.29% | 1.273% |
| 141 | 10.829 | 10.745 | 10.841 | VV | 5907357 | 331199741 | 61.29% | 1.723% |

| rteres |        |        |        |    |         |           |         |        |
|--------|--------|--------|--------|----|---------|-----------|---------|--------|
| 142    | 10.871 | 10.841 | 10.888 | VV | 6051069 | 166349833 | 30.78%  | 0.865% |
| 143    | 10.905 | 10.888 | 10.924 | VV | 6008612 | 127687058 | 23.63%  | 0.664% |
| 144    | 10.936 | 10.924 | 10.945 | VV | 6054750 | 73257182  | 13.56%  | 0.381% |
| 145    | 11.015 | 10.945 | 11.027 | VV | 6192037 | 299152114 | 55.36%  | 1.556% |
| 146    | 11.038 | 11.027 | 11.058 | VV | 6129051 | 110250199 | 20.40%  | 0.573% |
| 147    | 11.070 | 11.058 | 11.074 | VV | 6079417 | 57411751  | 10.62%  | 0.299% |
| 148    | 11.127 | 11.074 | 11.135 | VV | 6458792 | 232294162 | 42.99%  | 1.208% |
| 149    | 11.144 | 11.135 | 11.248 | VV | 6535708 | 419426078 | 77.62%  | 2.181% |
| 150    | 11.321 | 11.248 | 11.343 | VV | 6499914 | 354810662 | 65.66%  | 1.845% |
| 151    | 11.356 | 11.343 | 11.381 | VV | 6402768 | 146780242 | 27.16%  | 0.763% |
| 152    | 11.399 | 11.381 | 11.410 | VV | 6449176 | 111428704 | 20.62%  | 0.580% |
| 153    | 11.434 | 11.410 | 11.445 | VV | 6454102 | 132249448 | 24.47%  | 0.688% |
| 154    | 11.470 | 11.445 | 11.490 | VV | 6550043 | 172702871 | 31.96%  | 0.898% |
| 155    | 11.542 | 11.490 | 11.560 | VV | 6750227 | 282061690 | 52.20%  | 1.467% |
| 156    | 11.570 | 11.560 | 11.611 | VV | 6810190 | 203494854 | 37.66%  | 1.058% |
| 157    | 11.625 | 11.611 | 11.637 | VV | 6725588 | 103354482 | 19.13%  | 0.538% |
| 158    | 11.684 | 11.637 | 11.695 | VV | 6864560 | 235110999 | 43.51%  | 1.223% |
| 159    | 11.712 | 11.695 | 11.790 | VV | 7004167 | 382390128 | 70.76%  | 1.989% |
| 160    | 11.840 | 11.790 | 11.890 | VV | 6690735 | 391410763 | 72.43%  | 2.036% |
| 161    | 11.941 | 11.890 | 12.028 | VV | 6586023 | 540386855 | 100.00% | 2.811% |
| 162    | 12.038 | 12.028 | 12.060 | VV | 6587300 | 124526785 | 23.04%  | 0.648% |
| 163    | 12.081 | 12.060 | 12.167 | VV | 6541336 | 409739895 | 75.82%  | 2.131% |
| 164    | 12.180 | 12.167 | 12.205 | VV | 6340128 | 141950517 | 26.27%  | 0.738% |
| 165    | 12.223 | 12.205 | 12.243 | VV | 6271085 | 144065286 | 26.66%  | 0.749% |
| 166    | 12.255 | 12.243 | 12.266 | VV | 6398315 | 85336164  | 15.79%  | 0.444% |
| 167    | 12.283 | 12.266 | 12.336 | VV | 6403471 | 262490084 | 48.57%  | 1.365% |
| 168    | 12.357 | 12.336 | 12.391 | VV | 6169661 | 202383519 | 37.45%  | 1.053% |
| 169    | 12.414 | 12.391 | 12.423 | VV | 6301364 | 120367179 | 22.27%  | 0.626% |
| 170    | 12.434 | 12.423 | 12.459 | VV | 6390474 | 134888583 | 24.96%  | 0.702% |
| 171    | 12.465 | 12.459 | 12.558 | VV | 6336086 | 351545065 | 65.05%  | 1.828% |
| 172    | 12.579 | 12.558 | 12.595 | VV | 5866156 | 125290566 | 23.19%  | 0.652% |
| 173    | 12.616 | 12.595 | 12.632 | VV | 5804856 | 126876495 | 23.48%  | 0.660% |
| 174    | 12.657 | 12.632 | 12.701 | VV | 5657557 | 230536479 | 42.66%  | 1.199% |
| 175    | 12.725 | 12.701 | 12.739 | VV | 5816517 | 126945330 | 23.49%  | 0.660% |
| 176    | 12.756 | 12.739 | 12.770 | VV | 5803405 | 108159482 | 20.02%  | 0.563% |
| 177    | 12.785 | 12.770 | 12.821 | VV | 5717460 | 169517359 | 31.37%  | 0.882% |
| 178    | 12.832 | 12.821 | 12.886 | VV | 5638687 | 213243043 | 39.46%  | 1.109% |
| 179    | 12.895 | 12.886 | 12.920 | VV | 5449454 | 110618306 | 20.47%  | 0.575% |
| 180    | 12.931 | 12.920 | 12.953 | VV | 5255126 | 103057341 | 19.07%  | 0.536% |
| 181    | 13.010 | 12.953 | 13.033 | VV | 5294644 | 246431892 | 45.60%  | 1.282% |
| 182    | 13.045 | 13.033 | 13.067 | VV | 5140110 | 103126991 | 19.08%  | 0.536% |
| 183    | 13.090 | 13.067 | 13.144 | VV | 5038036 | 228491586 | 42.28%  | 1.188% |
| 184    | 13.176 | 13.144 | 13.201 | VV | 5060568 | 170565377 | 31.56%  | 0.887% |
| 185    | 13.219 | 13.201 | 13.247 | VV | 4983087 | 132802077 | 24.58%  | 0.691% |
| 186    | 13.259 | 13.247 | 13.293 | VV | 4825723 | 130622606 | 24.17%  | 0.679% |
| 187    | 13.306 | 13.293 | 13.326 | VV | 4713715 | 90056024  | 16.67%  | 0.468% |
| 188    | 13.336 | 13.326 | 13.351 | VV | 4695531 | 71102429  | 13.16%  | 0.370% |
| 189    | 13.369 | 13.351 | 13.394 | VV | 4684672 | 117724239 | 21.79%  | 0.612% |
| 190    | 13.413 | 13.394 | 13.424 | VV | 4585405 | 80106969  | 14.82%  | 0.417% |
| 191    | 13.437 | 13.424 | 13.458 | VV | 4532919 | 91492010  | 16.93%  | 0.476% |
| 192    | 13.469 | 13.458 | 13.488 | VV | 4363501 | 77368533  | 14.32%  | 0.402% |
| 193    | 13.500 | 13.488 | 13.519 | VV | 4297374 | 77869429  | 14.41%  | 0.405% |
| 194    | 13.531 | 13.519 | 13.553 | VV | 4326473 | 88427065  | 16.36%  | 0.460% |

|     |        |        |        |    |         |           |        |        |
|-----|--------|--------|--------|----|---------|-----------|--------|--------|
|     |        |        |        |    | rteres  |           |        |        |
| 195 | 13.574 | 13.553 | 13.599 | VV | 4243458 | 115450164 | 21.36% | 0.600% |
| 196 | 13.608 | 13.599 | 13.631 | VV | 4137001 | 78537941  | 14.53% | 0.408% |
| 197 | 13.657 | 13.631 | 13.694 | VV | 4180706 | 149984904 | 27.76% | 0.780% |
| 198 | 13.741 | 13.694 | 13.765 | VV | 4130894 | 170129086 | 31.48% | 0.885% |
| 199 | 13.806 | 13.765 | 13.861 | VV | 3955494 | 216935754 | 40.14% | 1.128% |
| 200 | 13.887 | 13.861 | 13.929 | VV | 3717164 | 147360649 | 27.27% | 0.766% |
| 201 | 13.943 | 13.929 | 13.959 | VV | 3536053 | 61413029  | 11.36% | 0.319% |
| 202 | 13.971 | 13.959 | 13.990 | VV | 3416230 | 63606296  | 11.77% | 0.331% |
| 203 | 14.002 | 13.990 | 14.009 | VV | 3394254 | 37730741  | 6.98%  | 0.196% |
| 204 | 14.015 | 14.009 | 14.048 | VV | 3382928 | 77526837  | 14.35% | 0.403% |
| 205 | 14.064 | 14.048 | 14.084 | VV | 3270825 | 69365255  | 12.84% | 0.361% |
| 206 | 14.098 | 14.084 | 14.108 | VV | 3183680 | 44698426  | 8.27%  | 0.232% |
| 207 | 14.130 | 14.108 | 14.161 | VV | 3254969 | 102367081 | 18.94% | 0.532% |
| 208 | 14.173 | 14.161 | 14.226 | VV | 3265549 | 121732313 | 22.53% | 0.633% |
| 209 | 14.238 | 14.226 | 14.268 | VV | 2985631 | 73577833  | 13.62% | 0.383% |
| 210 | 14.282 | 14.268 | 14.322 | VV | 2953829 | 93749364  | 17.35% | 0.488% |
| 211 | 14.330 | 14.322 | 14.368 | VV | 2846861 | 75440107  | 13.96% | 0.392% |
| 212 | 14.373 | 14.368 | 14.414 | VV | 2712847 | 72250448  | 13.37% | 0.376% |
| 213 | 14.422 | 14.414 | 14.472 | VV | 2591000 | 88280438  | 16.34% | 0.459% |
| 214 | 14.481 | 14.472 | 14.518 | VV | 2501385 | 66791837  | 12.36% | 0.347% |
| 215 | 14.550 | 14.518 | 14.571 | VV | 2612282 | 79753991  | 14.76% | 0.415% |
| 216 | 14.589 | 14.571 | 14.642 | VV | 2742122 | 103200128 | 19.10% | 0.537% |
| 217 | 14.652 | 14.642 | 14.672 | VV | 2209908 | 38577638  | 7.14%  | 0.201% |
| 218 | 14.697 | 14.672 | 14.741 | VV | 2338094 | 90349347  | 16.72% | 0.470% |
| 219 | 14.761 | 14.741 | 14.834 | VV | 2013041 | 108541442 | 20.09% | 0.565% |
| 220 | 14.845 | 14.834 | 14.859 | VV | 1896006 | 28523186  | 5.28%  | 0.148% |
| 221 | 14.876 | 14.859 | 14.941 | VV | 1880388 | 88167826  | 16.32% | 0.459% |
| 222 | 14.944 | 14.941 | 14.952 | VV | 1717246 | 10806583  | 2.00%  | 0.056% |
| 223 | 14.978 | 14.952 | 14.999 | VV | 1750396 | 47553607  | 8.80%  | 0.247% |
| 224 | 15.014 | 14.999 | 15.068 | VV | 1690836 | 67950275  | 12.57% | 0.353% |
| 225 | 15.080 | 15.068 | 15.095 | VV | 1616448 | 25565126  | 4.73%  | 0.133% |
| 226 | 15.104 | 15.095 | 15.172 | VV | 1572668 | 68525560  | 12.68% | 0.356% |
| 227 | 15.187 | 15.172 | 15.258 | VV | 1519038 | 71317777  | 13.20% | 0.371% |
| 228 | 15.272 | 15.258 | 15.304 | VV | 1353494 | 35708081  | 6.61%  | 0.186% |
| 229 | 15.316 | 15.304 | 15.338 | VV | 1303481 | 26510092  | 4.91%  | 0.138% |
| 230 | 15.367 | 15.338 | 15.466 | VV | 1305047 | 91981411  | 17.02% | 0.478% |
| 231 | 15.490 | 15.466 | 15.531 | VV | 1090860 | 42002999  | 7.77%  | 0.218% |
| 232 | 15.550 | 15.531 | 15.641 | VV | 1067215 | 66213929  | 12.25% | 0.344% |
| 233 | 15.651 | 15.641 | 15.701 | VV | 951232  | 32873032  | 6.08%  | 0.171% |
| 234 | 15.726 | 15.701 | 15.778 | VV | 978290  | 41267444  | 7.64%  | 0.215% |
| 235 | 15.787 | 15.778 | 15.806 | VV | 844093  | 13946094  | 2.58%  | 0.073% |
| 236 | 15.827 | 15.806 | 15.948 | VV | 848595  | 68340843  | 12.65% | 0.355% |
| 237 | 15.966 | 15.948 | 15.998 | VV | 739013  | 21336266  | 3.95%  | 0.111% |
| 238 | 16.044 | 15.998 | 16.125 | VV | 1054960 | 58557960  | 10.84% | 0.305% |
| 239 | 16.135 | 16.125 | 16.154 | VV | 650976  | 11170453  | 2.07%  | 0.058% |
| 240 | 16.174 | 16.154 | 16.251 | VV | 691659  | 36385358  | 6.73%  | 0.189% |
| 241 | 16.268 | 16.251 | 16.300 | VV | 593090  | 17219260  | 3.19%  | 0.090% |
| 242 | 16.312 | 16.300 | 16.327 | VV | 590253  | 9358836   | 1.73%  | 0.049% |
| 243 | 16.353 | 16.327 | 16.385 | VV | 741115  | 21263078  | 3.93%  | 0.111% |
| 244 | 16.414 | 16.385 | 16.459 | VV | 803924  | 26578616  | 4.92%  | 0.138% |
| 245 | 16.474 | 16.459 | 16.498 | VV | 530636  | 11806036  | 2.18%  | 0.061% |
| 246 | 16.512 | 16.498 | 16.606 | VV | 545870  | 30541657  | 5.65%  | 0.159% |

| rteres |        |        |        |    |        |          |       |        |
|--------|--------|--------|--------|----|--------|----------|-------|--------|
| 247    | 16.625 | 16.606 | 16.636 | VV | 449950 | 7667194  | 1.42% | 0.040% |
| 248    | 16.684 | 16.636 | 16.736 | VV | 484632 | 26424185 | 4.89% | 0.137% |
| 249    | 16.769 | 16.736 | 16.826 | VV | 440700 | 21688950 | 4.01% | 0.113% |
| 250    | 16.851 | 16.826 | 16.888 | VV | 384793 | 13395351 | 2.48% | 0.070% |
|        |        |        |        |    |        |          |       |        |
| 251    | 16.908 | 16.888 | 16.951 | VV | 350809 | 12804479 | 2.37% | 0.067% |
| 252    | 16.965 | 16.951 | 16.975 | VV | 315847 | 4431836  | 0.82% | 0.023% |
| 253    | 16.997 | 16.975 | 17.048 | VV | 351080 | 14034992 | 2.60% | 0.073% |
| 254    | 17.059 | 17.048 | 17.131 | VV | 317773 | 14366421 | 2.66% | 0.075% |
| 255    | 17.170 | 17.131 | 17.196 | VV | 277081 | 10229325 | 1.89% | 0.053% |
|        |        |        |        |    |        |          |       |        |
| 256    | 17.215 | 17.196 | 17.277 | VV | 256447 | 12036515 | 2.23% | 0.063% |
| 257    | 17.288 | 17.277 | 17.338 | VV | 246249 | 8657187  | 1.60% | 0.045% |
| 258    | 17.361 | 17.338 | 17.416 | VV | 252655 | 10472260 | 1.94% | 0.054% |
| 259    | 17.456 | 17.416 | 17.589 | VV | 260869 | 22333987 | 4.13% | 0.116% |
| 260    | 17.599 | 17.589 | 17.638 | VV | 193781 | 5548734  | 1.03% | 0.029% |
|        |        |        |        |    |        |          |       |        |
| 261    | 17.671 | 17.638 | 17.733 | VV | 219012 | 10811810 | 2.00% | 0.056% |
| 262    | 17.767 | 17.733 | 17.792 | VV | 314611 | 7906752  | 1.46% | 0.041% |
| 263    | 17.815 | 17.792 | 17.873 | VV | 231198 | 9055417  | 1.68% | 0.047% |
| 264    | 17.895 | 17.873 | 17.915 | VV | 184635 | 4092794  | 0.76% | 0.021% |
| 265    | 17.926 | 17.915 | 17.952 | VV | 169237 | 3472060  | 0.64% | 0.018% |
|        |        |        |        |    |        |          |       |        |
| 266    | 17.966 | 17.952 | 17.991 | VV | 144938 | 3310139  | 0.61% | 0.017% |
| 267    | 18.015 | 17.991 | 18.109 | VV | 240256 | 10795294 | 2.00% | 0.056% |
| 268    | 18.162 | 18.109 | 18.208 | VV | 152342 | 7837096  | 1.45% | 0.041% |
| 269    | 18.231 | 18.208 | 18.268 | VV | 122121 | 4153181  | 0.77% | 0.022% |
| 270    | 18.277 | 18.268 | 18.322 | VV | 116862 | 3544311  | 0.66% | 0.018% |
|        |        |        |        |    |        |          |       |        |
| 271    | 18.331 | 18.322 | 18.381 | VV | 107562 | 3693575  | 0.68% | 0.019% |
| 272    | 18.403 | 18.381 | 18.434 | VV | 102783 | 3182167  | 0.59% | 0.017% |
| 273    | 18.448 | 18.434 | 18.476 | VV | 106529 | 2536097  | 0.47% | 0.013% |
| 274    | 18.496 | 18.476 | 18.523 | VV | 100110 | 2789460  | 0.52% | 0.015% |
| 275    | 18.553 | 18.523 | 18.595 | VV | 105017 | 4179339  | 0.77% | 0.022% |
|        |        |        |        |    |        |          |       |        |
| 276    | 18.620 | 18.595 | 18.665 | VV | 95602  | 3787321  | 0.70% | 0.020% |
| 277    | 18.680 | 18.665 | 18.696 | VV | 87755  | 1619398  | 0.30% | 0.008% |
| 278    | 18.705 | 18.696 | 18.738 | VV | 83877  | 2072684  | 0.38% | 0.011% |
| 279    | 18.755 | 18.738 | 18.781 | VV | 87002  | 2143829  | 0.40% | 0.011% |
| 280    | 18.796 | 18.781 | 18.815 | VV | 77829  | 1533886  | 0.28% | 0.008% |
|        |        |        |        |    |        |          |       |        |
| 281    | 18.829 | 18.815 | 18.850 | VV | 80295  | 1618811  | 0.30% | 0.008% |
| 282    | 18.864 | 18.850 | 18.878 | VV | 76850  | 1244787  | 0.23% | 0.006% |
| 283    | 18.892 | 18.878 | 18.909 | VV | 74694  | 1354218  | 0.25% | 0.007% |
| 284    | 18.945 | 18.909 | 18.968 | VV | 80535  | 2750021  | 0.51% | 0.014% |
| 285    | 18.989 | 18.968 | 19.012 | VV | 80172  | 1984239  | 0.37% | 0.010% |
|        |        |        |        |    |        |          |       |        |
| 286    | 19.028 | 19.012 | 19.047 | VV | 77488  | 1576261  | 0.29% | 0.008% |
| 287    | 19.060 | 19.047 | 19.081 | VV | 73626  | 1494783  | 0.28% | 0.008% |
| 288    | 19.090 | 19.081 | 19.099 | VV | 70085  | 764201   | 0.14% | 0.004% |
| 289    | 19.119 | 19.099 | 19.128 | VV | 72062  | 1207795  | 0.22% | 0.006% |
| 290    | 19.141 | 19.128 | 19.152 | VV | 73257  | 1014463  | 0.19% | 0.005% |
|        |        |        |        |    |        |          |       |        |
| 291    | 19.179 | 19.152 | 19.230 | VV | 98044  | 3873092  | 0.72% | 0.020% |
| 292    | 19.250 | 19.230 | 19.291 | VV | 96047  | 3105096  | 0.57% | 0.016% |
| 293    | 19.321 | 19.291 | 19.337 | VV | 81255  | 2145669  | 0.40% | 0.011% |
| 294    | 19.351 | 19.337 | 19.405 | VV | 79224  | 3046838  | 0.56% | 0.016% |
| 295    | 19.412 | 19.405 | 19.427 | VV | 71894  | 928001   | 0.17% | 0.005% |
|        |        |        |        |    |        |          |       |        |
| 296    | 19.440 | 19.427 | 19.458 | VV | 72197  | 1317160  | 0.24% | 0.007% |
| 297    | 19.475 | 19.458 | 19.486 | VV | 72161  | 1165680  | 0.22% | 0.006% |
| 298    | 19.497 | 19.486 | 19.527 | VV | 69524  | 1625179  | 0.30% | 0.008% |
| 299    | 19.572 | 19.527 | 19.608 | VV | 88540  | 3613363  | 0.67% | 0.019% |

| rteres |        |        |        |     |       |         |       |        |
|--------|--------|--------|--------|-----|-------|---------|-------|--------|
| 300    | 19.614 | 19.608 | 19.625 | VV  | 71500 | 729170  | 0.13% | 0.004% |
| 301    | 19.645 | 19.625 | 19.674 | VV  | 74022 | 2080304 | 0.38% | 0.011% |
| 302    | 19.707 | 19.674 | 19.752 | VV  | 72422 | 3237793 | 0.60% | 0.017% |
| 303    | 19.774 | 19.752 | 19.802 | VV  | 68095 | 2007969 | 0.37% | 0.010% |
| 304    | 19.830 | 19.802 | 19.841 | VV  | 68037 | 1556515 | 0.29% | 0.008% |
| 305    | 19.851 | 19.841 | 19.899 | VV  | 67269 | 2254356 | 0.42% | 0.012% |
| 306    | 19.909 | 19.899 | 19.918 | VV  | 63950 | 716702  | 0.13% | 0.004% |
| 307    | 19.943 | 19.918 | 19.967 | VV  | 65125 | 1861984 | 0.34% | 0.010% |
| 308    | 19.997 | 19.967 | 20.008 | VV  | 64119 | 1569258 | 0.29% | 0.008% |
| 309    | 20.031 | 20.008 | 20.050 | VV  | 66643 | 1617887 | 0.30% | 0.008% |
| 310    | 20.062 | 20.050 | 20.088 | VV  | 63506 | 1417467 | 0.26% | 0.007% |
| 311    | 20.095 | 20.088 | 20.118 | VV  | 64612 | 1123130 | 0.21% | 0.006% |
| 312    | 20.133 | 20.118 | 20.161 | VV  | 64216 | 1615699 | 0.30% | 0.008% |
| 313    | 20.167 | 20.161 | 20.191 | VV  | 61644 | 1098889 | 0.20% | 0.006% |
| 314    | 20.211 | 20.191 | 20.264 | VV  | 63220 | 2689235 | 0.50% | 0.014% |
| 315    | 20.284 | 20.264 | 20.296 | VV  | 62140 | 1151336 | 0.21% | 0.006% |
| 316    | 20.366 | 20.296 | 20.376 | VV  | 63732 | 2979587 | 0.55% | 0.015% |
| 317    | 20.383 | 20.376 | 20.438 | VV  | 63905 | 2264007 | 0.42% | 0.012% |
| 318    | 20.449 | 20.438 | 20.573 | VV  | 58995 | 4229875 | 0.78% | 0.022% |
| 319    | 20.590 | 20.573 | 20.603 | VV  | 50072 | 879926  | 0.16% | 0.005% |
| 320    | 20.609 | 20.603 | 20.710 | VV  | 49142 | 2994292 | 0.55% | 0.016% |
| 321    | 20.723 | 20.710 | 20.758 | VV  | 43944 | 1221757 | 0.23% | 0.006% |
| 322    | 20.767 | 20.758 | 20.891 | VV  | 42396 | 2994496 | 0.55% | 0.016% |
| 323    | 20.913 | 20.891 | 20.940 | VV  | 33955 | 960346  | 0.18% | 0.005% |
| 324    | 20.956 | 20.940 | 20.973 | VV  | 33170 | 656020  | 0.12% | 0.003% |
| 325    | 20.984 | 20.973 | 21.011 | VV  | 33373 | 713265  | 0.13% | 0.004% |
| 326    | 21.022 | 21.011 | 21.058 | VV  | 31313 | 831069  | 0.15% | 0.004% |
| 327    | 21.072 | 21.058 | 21.098 | VV  | 28983 | 661483  | 0.12% | 0.003% |
| 328    | 21.118 | 21.098 | 21.128 | VV  | 26868 | 468143  | 0.09% | 0.002% |
| 329    | 21.140 | 21.128 | 21.178 | VV  | 26396 | 728675  | 0.13% | 0.004% |
| 330    | 21.185 | 21.178 | 21.238 | VV  | 23207 | 779901  | 0.14% | 0.004% |
| 331    | 21.264 | 21.238 | 21.295 | VV  | 21194 | 695995  | 0.13% | 0.004% |
| 332    | 21.315 | 21.295 | 21.475 | VV  | 20021 | 1765928 | 0.33% | 0.009% |
| 333    | 21.481 | 21.475 | 21.538 | VV  | 12682 | 432947  | 0.08% | 0.002% |
| 334    | 21.550 | 21.538 | 21.585 | VV  | 10388 | 267154  | 0.05% | 0.001% |
| 335    | 21.602 | 21.585 | 21.621 | VBA | 9020  | 309637  | 0.06% | 0.002% |

Sum of corrected areas: 19226823231

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