

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091321AL\  
 Data File : FC055609.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Sep 2021 1:24  
 Sample : M3711-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.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         | 3.395       | 3.365        | 3.409      | BV       | 689            | 7890         | 0.00%          | 0.001%        |
| 2         | 3.418       | 3.409        | 3.478      | VV       | 522            | 7763         | 0.00%          | 0.001%        |
| 3         | 3.485       | 3.478        | 3.515      | VV       | 195            | 2516         | 0.00%          | 0.000%        |
| 4         | 3.591       | 3.515        | 3.602      | PV       | 200            | 4053         | 0.00%          | 0.000%        |
| 5         | 3.641       | 3.602        | 3.651      | VV       | 243            | 1552         | 0.00%          | 0.000%        |
| 6         | 3.667       | 3.651        | 3.677      | VV       | 410            | 3984         | 0.00%          | 0.000%        |
| 7         | 3.716       | 3.677        | 3.738      | VV       | 2142           | 31390        | 0.01%          | 0.004%        |
| 8         | 3.769       | 3.738        | 3.818      | VV       | 604            | 18778        | 0.01%          | 0.002%        |
| 9         | 3.846       | 3.818        | 3.875      | VV       | 487            | 8901         | 0.00%          | 0.001%        |
| 10        | 3.894       | 3.875        | 3.906      | VV       | 786            | 7674         | 0.00%          | 0.001%        |
| 11        | 3.912       | 3.906        | 3.927      | VV       | 420            | 3079         | 0.00%          | 0.000%        |
| 12        | 3.943       | 3.927        | 3.962      | PV       | 580            | 5274         | 0.00%          | 0.001%        |
| 13        | 3.997       | 3.962        | 4.032      | VV       | 917            | 21619        | 0.01%          | 0.003%        |
| 14        | 4.093       | 4.032        | 4.112      | VV       | 3019           | 59146        | 0.02%          | 0.007%        |
| 15        | 4.134       | 4.112        | 4.155      | VV       | 1628           | 29927        | 0.01%          | 0.003%        |
| 16        | 4.165       | 4.155        | 4.184      | VV       | 875            | 9260         | 0.00%          | 0.001%        |
| 17        | 4.198       | 4.184        | 4.212      | VV       | 464            | 5996         | 0.00%          | 0.001%        |
| 18        | 4.238       | 4.212        | 4.305      | VV       | 14378          | 168854       | 0.05%          | 0.020%        |
| 19        | 4.311       | 4.305        | 4.352      | VV       | 567            | 9528         | 0.00%          | 0.001%        |
| 20        | 4.384       | 4.352        | 4.403      | PV       | 762            | 10480        | 0.00%          | 0.001%        |
| 21        | 4.425       | 4.403        | 4.445      | PV       | 843            | 11513        | 0.00%          | 0.001%        |
| 22        | 4.468       | 4.445        | 4.492      | VV       | 2078           | 26659        | 0.01%          | 0.003%        |
| 23        | 4.513       | 4.492        | 4.527      | VV       | 1126           | 13754        | 0.00%          | 0.002%        |
| 24        | 4.541       | 4.527        | 4.602      | VV       | 962            | 18654        | 0.01%          | 0.002%        |
| 25        | 4.618       | 4.602        | 4.658      | VV       | 979            | 21288        | 0.01%          | 0.002%        |
| 26        | 4.686       | 4.658        | 4.709      | VV       | 3393           | 47935        | 0.01%          | 0.006%        |
| 27        | 4.723       | 4.709        | 4.738      | VV       | 1499           | 13882        | 0.00%          | 0.002%        |
| 28        | 4.755       | 4.738        | 4.767      | VV       | 1641           | 16666        | 0.01%          | 0.002%        |
| 29        | 4.799       | 4.767        | 4.832      | VV       | 3674           | 60704        | 0.02%          | 0.007%        |
| 30        | 4.850       | 4.832        | 4.866      | VV       | 2123           | 26873        | 0.01%          | 0.003%        |
| 31        | 4.884       | 4.866        | 4.904      | VV       | 2194           | 31737        | 0.01%          | 0.004%        |
| 32        | 4.922       | 4.904        | 4.931      | VV       | 1597           | 18086        | 0.01%          | 0.002%        |
| 33        | 4.946       | 4.931        | 4.981      | VV       | 3116           | 38247        | 0.01%          | 0.004%        |
| 34        | 4.997       | 4.981        | 5.012      | VV       | 1099           | 10933        | 0.00%          | 0.001%        |
| 35        | 5.033       | 5.012        | 5.044      | VV       | 552            | 6603         | 0.00%          | 0.001%        |
| 36        | 5.057       | 5.044        | 5.068      | VV       | 1112           | 11239        | 0.00%          | 0.001%        |

| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 37     | 5.106 | 5.068 | 5.137 | VV | 2200  | 49645  | 0.02% | 0.006% |
| 38     | 5.163 | 5.137 | 5.177 | VV | 1915  | 26182  | 0.01% | 0.003% |
| 39     | 5.211 | 5.177 | 5.226 | VV | 10114 | 121831 | 0.04% | 0.014% |
| 40     | 5.239 | 5.226 | 5.258 | VV | 5772  | 57923  | 0.02% | 0.007% |
| 41     | 5.277 | 5.258 | 5.290 | VV | 736   | 11249  | 0.00% | 0.001% |
| 42     | 5.326 | 5.290 | 5.356 | VV | 2133  | 46903  | 0.01% | 0.005% |
| 43     | 5.380 | 5.356 | 5.391 | VV | 2226  | 30212  | 0.01% | 0.004% |
| 44     | 5.402 | 5.391 | 5.419 | VV | 2264  | 24793  | 0.01% | 0.003% |
| 45     | 5.431 | 5.419 | 5.445 | VV | 1015  | 13815  | 0.00% | 0.002% |
| 46     | 5.459 | 5.445 | 5.484 | VV | 1661  | 21843  | 0.01% | 0.003% |
| 47     | 5.508 | 5.484 | 5.523 | PV | 6467  | 72841  | 0.02% | 0.008% |
| 48     | 5.539 | 5.523 | 5.558 | VV | 7025  | 83542  | 0.03% | 0.010% |
| 49     | 5.573 | 5.558 | 5.618 | VV | 6698  | 82160  | 0.03% | 0.010% |
| 50     | 5.661 | 5.618 | 5.676 | VV | 1033  | 25835  | 0.01% | 0.003% |
| 51     | 5.697 | 5.676 | 5.711 | VV | 6668  | 70609  | 0.02% | 0.008% |
| 52     | 5.722 | 5.711 | 5.761 | VV | 4780  | 59274  | 0.02% | 0.007% |
| 53     | 5.794 | 5.761 | 5.832 | VV | 4230  | 102633 | 0.03% | 0.012% |
| 54     | 5.848 | 5.832 | 5.867 | VV | 2370  | 31841  | 0.01% | 0.004% |
| 55     | 5.885 | 5.867 | 5.899 | VV | 3671  | 45026  | 0.01% | 0.005% |
| 56     | 5.920 | 5.899 | 5.944 | VV | 2688  | 47448  | 0.01% | 0.006% |
| 57     | 5.963 | 5.944 | 5.987 | PV | 3139  | 39829  | 0.01% | 0.005% |
| 58     | 6.011 | 5.987 | 6.032 | VV | 3673  | 58301  | 0.02% | 0.007% |
| 59     | 6.043 | 6.032 | 6.047 | VV | 2311  | 18134  | 0.01% | 0.002% |
| 60     | 6.063 | 6.047 | 6.080 | VV | 3996  | 52687  | 0.02% | 0.006% |
| 61     | 6.113 | 6.080 | 6.136 | VV | 19706 | 223076 | 0.07% | 0.026% |
| 62     | 6.150 | 6.136 | 6.176 | VV | 3034  | 45392  | 0.01% | 0.005% |
| 63     | 6.204 | 6.176 | 6.223 | VV | 3595  | 75494  | 0.02% | 0.009% |
| 64     | 6.240 | 6.223 | 6.266 | VV | 3691  | 71113  | 0.02% | 0.008% |
| 65     | 6.280 | 6.266 | 6.310 | VV | 3063  | 59093  | 0.02% | 0.007% |
| 66     | 6.333 | 6.310 | 6.358 | VV | 4800  | 88334  | 0.03% | 0.010% |
| 67     | 6.372 | 6.358 | 6.391 | VV | 3034  | 46083  | 0.01% | 0.005% |
| 68     | 6.431 | 6.391 | 6.461 | VV | 5516  | 120750 | 0.04% | 0.014% |
| 69     | 6.491 | 6.461 | 6.543 | VV | 12913 | 217804 | 0.07% | 0.025% |
| 70     | 6.557 | 6.543 | 6.567 | VV | 1294  | 16229  | 0.00% | 0.002% |
| 71     | 6.583 | 6.567 | 6.594 | VV | 1760  | 23250  | 0.01% | 0.003% |
| 72     | 6.608 | 6.594 | 6.617 | VV | 2267  | 27221  | 0.01% | 0.003% |
| 73     | 6.640 | 6.617 | 6.659 | VV | 7184  | 95654  | 0.03% | 0.011% |
| 74     | 6.691 | 6.659 | 6.731 | VV | 4313  | 99716  | 0.03% | 0.012% |
| 75     | 6.771 | 6.731 | 6.793 | VV | 5186  | 94578  | 0.03% | 0.011% |
| 76     | 6.831 | 6.793 | 6.864 | VV | 4999  | 104161 | 0.03% | 0.012% |
| 77     | 6.897 | 6.864 | 6.921 | VV | 11269 | 146082 | 0.04% | 0.017% |
| 78     | 6.963 | 6.921 | 6.979 | VV | 3527  | 77231  | 0.02% | 0.009% |
| 79     | 7.013 | 6.979 | 7.035 | VV | 4669  | 111648 | 0.03% | 0.013% |
| 80     | 7.054 | 7.035 | 7.078 | VV | 6808  | 95736  | 0.03% | 0.011% |
| 81     | 7.122 | 7.078 | 7.143 | VV | 7611  | 201529 | 0.06% | 0.023% |
| 82     | 7.152 | 7.143 | 7.177 | VV | 3878  | 55010  | 0.02% | 0.006% |
| 83     | 7.196 | 7.177 | 7.239 | VV | 9303  | 149441 | 0.05% | 0.017% |
| 84     | 7.256 | 7.239 | 7.278 | VV | 3732  | 66095  | 0.02% | 0.008% |
| 85     | 7.300 | 7.278 | 7.357 | VV | 11550 | 208387 | 0.06% | 0.024% |
| 86     | 7.416 | 7.357 | 7.447 | VV | 24995 | 447460 | 0.14% | 0.052% |
| 87     | 7.464 | 7.447 | 7.477 | VV | 4855  | 64178  | 0.02% | 0.007% |
| 88     | 7.492 | 7.477 | 7.532 | VV | 5373  | 111849 | 0.03% | 0.013% |
| 89     | 7.544 | 7.532 | 7.568 | VV | 2075  | 38843  | 0.01% | 0.005% |

|     |       |       |        |    |        |        |       |        |
|-----|-------|-------|--------|----|--------|--------|-------|--------|
|     |       |       |        |    | rteres |        |       |        |
| 90  | 7.594 | 7.568 | 7.634  | VV | 9375   | 187753 | 0.06% | 0.022% |
| 91  | 7.649 | 7.634 | 7.666  | VV | 3992   | 48165  | 0.01% | 0.006% |
| 92  | 7.693 | 7.666 | 7.702  | VV | 2379   | 33325  | 0.01% | 0.004% |
| 93  | 7.808 | 7.795 | 7.831  | VV | 4153   | 72876  | 0.02% | 0.008% |
| 94  | 7.868 | 7.831 | 7.883  | VV | 5476   | 142728 | 0.04% | 0.017% |
| 95  | 7.896 | 7.883 | 7.915  | VV | 5403   | 73151  | 0.02% | 0.009% |
| 96  | 7.938 | 7.915 | 7.960  | VV | 7618   | 108897 | 0.03% | 0.013% |
| 97  | 7.984 | 7.960 | 8.006  | VV | 7211   | 112683 | 0.03% | 0.013% |
| 98  | 8.030 | 8.006 | 8.071  | VV | 9567   | 224848 | 0.07% | 0.026% |
| 99  | 8.110 | 8.071 | 8.130  | VV | 14098  | 206751 | 0.06% | 0.024% |
| 100 | 8.139 | 8.130 | 8.153  | VV | 3565   | 42861  | 0.01% | 0.005% |
| 101 | 8.172 | 8.153 | 8.184  | VV | 3335   | 57616  | 0.02% | 0.007% |
| 102 | 8.219 | 8.184 | 8.260  | VV | 53998  | 692689 | 0.21% | 0.081% |
| 103 | 8.288 | 8.260 | 8.319  | VV | 36101  | 489541 | 0.15% | 0.057% |
| 104 | 8.334 | 8.319 | 8.353  | VV | 6638   | 97999  | 0.03% | 0.011% |
| 105 | 8.399 | 8.353 | 8.422  | VV | 5730   | 163885 | 0.05% | 0.019% |
| 106 | 8.457 | 8.422 | 8.471  | VV | 7599   | 133904 | 0.04% | 0.016% |
| 107 | 8.482 | 8.471 | 8.495  | VV | 6005   | 67820  | 0.02% | 0.008% |
| 108 | 8.516 | 8.495 | 8.552  | VV | 8371   | 160893 | 0.05% | 0.019% |
| 109 | 8.665 | 8.632 | 8.677  | VV | 5572   | 123698 | 0.04% | 0.014% |
| 110 | 8.709 | 8.677 | 8.721  | VV | 6004   | 139253 | 0.04% | 0.016% |
| 111 | 8.737 | 8.721 | 8.765  | VV | 7166   | 161892 | 0.05% | 0.019% |
| 112 | 8.777 | 8.765 | 8.802  | VV | 6773   | 119986 | 0.04% | 0.014% |
| 113 | 8.824 | 8.802 | 8.850  | VV | 20558  | 290100 | 0.09% | 0.034% |
| 114 | 8.876 | 8.850 | 8.892  | VV | 5934   | 101435 | 0.03% | 0.012% |
| 115 | 8.907 | 8.892 | 8.921  | VV | 4102   | 63840  | 0.02% | 0.007% |
| 116 | 8.939 | 8.921 | 8.960  | VV | 6632   | 108069 | 0.03% | 0.013% |
| 117 | 8.974 | 8.960 | 8.995  | VV | 5073   | 82659  | 0.03% | 0.010% |
| 118 | 9.016 | 8.995 | 9.032  | VV | 3520   | 71329  | 0.02% | 0.008% |
| 119 | 9.062 | 9.032 | 9.080  | VV | 8507   | 161446 | 0.05% | 0.019% |
| 120 | 9.110 | 9.080 | 9.137  | VV | 45316  | 560850 | 0.17% | 0.065% |
| 121 | 9.154 | 9.137 | 9.179  | VV | 5023   | 105167 | 0.03% | 0.012% |
| 122 | 9.196 | 9.179 | 9.228  | VV | 5067   | 103890 | 0.03% | 0.012% |
| 123 | 9.266 | 9.228 | 9.282  | VV | 4177   | 103090 | 0.03% | 0.012% |
| 124 | 9.296 | 9.282 | 9.308  | VV | 3722   | 47067  | 0.01% | 0.005% |
| 125 | 9.317 | 9.308 | 9.330  | VV | 3539   | 40615  | 0.01% | 0.005% |
| 126 | 9.346 | 9.330 | 9.362  | VV | 4611   | 67079  | 0.02% | 0.008% |
| 127 | 9.371 | 9.362 | 9.379  | VV | 2996   | 29004  | 0.01% | 0.003% |
| 128 | 9.400 | 9.379 | 9.422  | VV | 5361   | 97614  | 0.03% | 0.011% |
| 129 | 9.440 | 9.422 | 9.458  | VV | 3836   | 70755  | 0.02% | 0.008% |
| 130 | 9.486 | 9.458 | 9.521  | VV | 13796  | 265367 | 0.08% | 0.031% |
| 131 | 9.531 | 9.521 | 9.540  | VV | 4423   | 47905  | 0.01% | 0.006% |
| 132 | 9.568 | 9.540 | 9.593  | VV | 8856   | 184684 | 0.06% | 0.021% |
| 133 | 9.616 | 9.593 | 9.633  | VV | 7198   | 116734 | 0.04% | 0.014% |
| 134 | 9.646 | 9.633 | 9.656  | VV | 5755   | 66335  | 0.02% | 0.008% |
| 135 | 9.671 | 9.656 | 9.697  | VV | 7353   | 119162 | 0.04% | 0.014% |
| 136 | 9.722 | 9.697 | 9.749  | VV | 3006   | 76524  | 0.02% | 0.009% |
| 137 | 9.767 | 9.749 | 9.786  | VV | 3213   | 53828  | 0.02% | 0.006% |
| 138 | 9.822 | 9.786 | 9.868  | VV | 19123  | 354933 | 0.11% | 0.041% |
| 139 | 9.890 | 9.868 | 9.938  | VV | 46486  | 563836 | 0.17% | 0.066% |
| 140 | 9.973 | 9.938 | 9.982  | VV | 2894   | 67824  | 0.02% | 0.008% |
| 141 | 9.994 | 9.982 | 10.042 | VV | 3290   | 65400  | 0.02% | 0.008% |

|     |        |        |        |    | rteres  |           |         |         |
|-----|--------|--------|--------|----|---------|-----------|---------|---------|
| 142 | 10.068 | 10.042 | 10.131 | VV | 2981    | 91877     | 0.03%   | 0.011%  |
| 143 | 10.160 | 10.131 | 10.197 | VV | 3910    | 77150     | 0.02%   | 0.009%  |
| 144 | 10.235 | 10.197 | 10.249 | VV | 4961    | 92064     | 0.03%   | 0.011%  |
| 145 | 10.278 | 10.249 | 10.309 | VV | 22329   | 354876    | 0.11%   | 0.041%  |
|     |        |        |        |    |         |           |         |         |
| 146 | 10.330 | 10.309 | 10.349 | VV | 6088    | 100651    | 0.03%   | 0.012%  |
| 147 | 10.367 | 10.349 | 10.392 | VV | 7455    | 115109    | 0.04%   | 0.013%  |
| 148 | 10.421 | 10.392 | 10.452 | VV | 6150    | 124696    | 0.04%   | 0.015%  |
| 149 | 10.472 | 10.452 | 10.489 | VV | 3439    | 49316     | 0.02%   | 0.006%  |
| 150 | 10.513 | 10.489 | 10.571 | VV | 12142   | 256353    | 0.08%   | 0.030%  |
|     |        |        |        |    |         |           |         |         |
| 151 | 10.581 | 10.571 | 10.594 | VV | 2811    | 31898     | 0.01%   | 0.004%  |
| 152 | 10.629 | 10.594 | 10.653 | VV | 44284   | 532934    | 0.16%   | 0.062%  |
| 153 | 10.679 | 10.653 | 10.732 | VV | 40999   | 783220    | 0.24%   | 0.091%  |
| 154 | 10.747 | 10.732 | 10.790 | VV | 2926    | 64353     | 0.02%   | 0.007%  |
| 155 | 10.847 | 10.790 | 10.863 | VV | 1978    | 55976     | 0.02%   | 0.007%  |
|     |        |        |        |    |         |           |         |         |
| 156 | 10.904 | 10.863 | 10.930 | VV | 7101    | 168393    | 0.05%   | 0.020%  |
| 157 | 10.962 | 10.930 | 10.988 | VV | 5223    | 114864    | 0.04%   | 0.013%  |
| 158 | 11.021 | 10.988 | 11.062 | VV | 6445    | 143827    | 0.04%   | 0.017%  |
| 159 | 11.083 | 11.062 | 11.115 | VV | 3860    | 65024     | 0.02%   | 0.008%  |
| 160 | 11.136 | 11.115 | 11.153 | VV | 3908    | 52404     | 0.02%   | 0.006%  |
|     |        |        |        |    |         |           |         |         |
| 161 | 11.177 | 11.153 | 11.218 | VV | 10813   | 146585    | 0.05%   | 0.017%  |
| 162 | 11.252 | 11.218 | 11.290 | PV | 6090    | 98164     | 0.03%   | 0.011%  |
| 163 | 11.300 | 11.290 | 11.304 | VV | 1729    | 13256     | 0.00%   | 0.002%  |
| 164 | 11.332 | 11.304 | 11.355 | VV | 36935   | 424059    | 0.13%   | 0.049%  |
| 165 | 11.382 | 11.355 | 11.398 | VV | 8542    | 117943    | 0.04%   | 0.014%  |
|     |        |        |        |    |         |           |         |         |
| 166 | 11.423 | 11.398 | 11.470 | VV | 15145   | 256299    | 0.08%   | 0.030%  |
| 167 | 11.488 | 11.470 | 11.510 | VV | 1356    | 20149     | 0.01%   | 0.002%  |
| 168 | 11.538 | 11.510 | 11.558 | VV | 2710    | 44106     | 0.01%   | 0.005%  |
| 169 | 11.578 | 11.558 | 11.594 | PV | 2657    | 32855     | 0.01%   | 0.004%  |
| 170 | 11.657 | 11.594 | 11.707 | VV | 367332  | 4033825   | 1.24%   | 0.469%  |
|     |        |        |        |    |         |           |         |         |
| 171 | 11.726 | 11.707 | 11.754 | VV | 5748    | 94696     | 0.03%   | 0.011%  |
| 172 | 11.767 | 11.754 | 11.777 | VV | 2255    | 24002     | 0.01%   | 0.003%  |
| 173 | 11.811 | 11.777 | 11.830 | VV | 5788    | 114992    | 0.04%   | 0.013%  |
| 174 | 11.892 | 11.830 | 11.926 | VV | 63340   | 813138    | 0.25%   | 0.095%  |
| 175 | 11.954 | 11.926 | 11.969 | PV | 4292    | 58759     | 0.02%   | 0.007%  |
|     |        |        |        |    |         |           |         |         |
| 176 | 12.006 | 11.969 | 12.027 | VV | 25623   | 380987    | 0.12%   | 0.044%  |
| 177 | 12.081 | 12.027 | 12.105 | VV | 2583335 | 38364785  | 11.79%  | 4.462%  |
| 178 | 12.114 | 12.105 | 12.154 | VV | 8911    | 125741    | 0.04%   | 0.015%  |
| 179 | 12.166 | 12.154 | 12.175 | VV | 1778    | 21653     | 0.01%   | 0.003%  |
| 180 | 12.330 | 12.175 | 12.366 | VV | 410280  | 11969720  | 3.68%   | 1.392%  |
|     |        |        |        |    |         |           |         |         |
| 181 | 12.375 | 12.366 | 12.391 | VV | 8336    | 110887    | 0.03%   | 0.013%  |
| 182 | 12.412 | 12.391 | 12.438 | VV | 15081   | 233795    | 0.07%   | 0.027%  |
| 183 | 12.495 | 12.438 | 12.511 | VV | 46624   | 678578    | 0.21%   | 0.079%  |
| 184 | 12.525 | 12.511 | 12.569 | VV | 30037   | 424695    | 0.13%   | 0.049%  |
| 185 | 12.595 | 12.569 | 12.618 | VV | 8834    | 154656    | 0.05%   | 0.018%  |
|     |        |        |        |    |         |           |         |         |
| 186 | 12.644 | 12.618 | 12.670 | VV | 28832   | 415620    | 0.13%   | 0.048%  |
| 187 | 12.698 | 12.670 | 12.738 | VV | 37816   | 724240    | 0.22%   | 0.084%  |
| 188 | 12.748 | 12.738 | 12.768 | VV | 10025   | 121788    | 0.04%   | 0.014%  |
| 189 | 12.806 | 12.768 | 12.829 | VV | 4750    | 127576    | 0.04%   | 0.015%  |
| 190 | 12.840 | 12.829 | 12.857 | VV | 2381    | 26008     | 0.01%   | 0.003%  |
|     |        |        |        |    |         |           |         |         |
| 191 | 12.902 | 12.857 | 12.921 | VV | 3258    | 83184     | 0.03%   | 0.010%  |
| 192 | 12.953 | 12.921 | 12.991 | VV | 4533    | 122117    | 0.04%   | 0.014%  |
| 193 | 13.016 | 12.991 | 13.043 | PV | 6487    | 124801    | 0.04%   | 0.015%  |
| 194 | 13.183 | 13.043 | 13.201 | VV | 7241483 | 325302125 | 100.00% | 37.838% |

| rteres |        |        |        |    |         |           |        |         |
|--------|--------|--------|--------|----|---------|-----------|--------|---------|
| 195    | 13.235 | 13.201 | 13.279 | VV | 6986420 | 149689724 | 46.02% | 17.411% |
| 196    | 13.358 | 13.279 | 13.381 | VV | 2827975 | 53775786  | 16.53% | 6.255%  |
| 197    | 13.399 | 13.381 | 13.470 | VV | 581152  | 9371015   | 2.88%  | 1.090%  |
| 198    | 13.499 | 13.470 | 13.566 | VV | 98976   | 2642492   | 0.81%  | 0.307%  |
| 199    | 13.617 | 13.566 | 13.642 | VV | 85589   | 1513984   | 0.47%  | 0.176%  |
| 200    | 13.657 | 13.642 | 13.679 | VV | 21443   | 373989    | 0.11%  | 0.044%  |
| 201    | 13.720 | 13.679 | 13.732 | VV | 32453   | 625073    | 0.19%  | 0.073%  |
| 202    | 13.742 | 13.732 | 13.775 | VV | 28853   | 551765    | 0.17%  | 0.064%  |
| 203    | 13.790 | 13.775 | 13.802 | VV | 10836   | 167656    | 0.05%  | 0.020%  |
| 204    | 13.825 | 13.802 | 13.835 | VV | 21770   | 312199    | 0.10%  | 0.036%  |
| 205    | 13.855 | 13.835 | 13.870 | VV | 39446   | 640505    | 0.20%  | 0.075%  |
| 206    | 13.893 | 13.870 | 13.926 | VV | 69906   | 1411117   | 0.43%  | 0.164%  |
| 207    | 13.955 | 13.926 | 14.010 | VV | 67431   | 1751041   | 0.54%  | 0.204%  |
| 208    | 14.020 | 14.010 | 14.036 | VV | 11191   | 159304    | 0.05%  | 0.019%  |
| 209    | 14.065 | 14.036 | 14.075 | VV | 33380   | 514716    | 0.16%  | 0.060%  |
| 210    | 14.080 | 14.075 | 14.104 | VV | 29627   | 440792    | 0.14%  | 0.051%  |
| 211    | 14.133 | 14.104 | 14.201 | VV | 123407  | 3493879   | 1.07%  | 0.406%  |
| 212    | 14.236 | 14.201 | 14.275 | VV | 48266   | 1621445   | 0.50%  | 0.189%  |
| 213    | 14.306 | 14.275 | 14.315 | VV | 153966  | 2280024   | 0.70%  | 0.265%  |
| 214    | 14.331 | 14.315 | 14.381 | VV | 235082  | 3793341   | 1.17%  | 0.441%  |
| 215    | 14.409 | 14.381 | 14.444 | VV | 223775  | 3782476   | 1.16%  | 0.440%  |
| 216    | 14.470 | 14.444 | 14.504 | VV | 273357  | 4205876   | 1.29%  | 0.489%  |
| 217    | 14.529 | 14.504 | 14.562 | VV | 109459  | 1763242   | 0.54%  | 0.205%  |
| 218    | 14.580 | 14.562 | 14.601 | VV | 85073   | 1154874   | 0.36%  | 0.134%  |
| 219    | 14.627 | 14.601 | 14.690 | VV | 102445  | 1862753   | 0.57%  | 0.217%  |
| 220    | 14.745 | 14.690 | 14.766 | VV | 26098   | 688701    | 0.21%  | 0.080%  |
| 221    | 14.786 | 14.766 | 14.818 | VV | 29078   | 569845    | 0.18%  | 0.066%  |
| 222    | 14.838 | 14.818 | 14.864 | VV | 19460   | 384434    | 0.12%  | 0.045%  |
| 223    | 14.940 | 14.864 | 14.979 | VV | 150406  | 3038430   | 0.93%  | 0.353%  |
| 224    | 15.003 | 14.979 | 15.019 | VV | 24654   | 377817    | 0.12%  | 0.044%  |
| 225    | 15.032 | 15.019 | 15.046 | VV | 18062   | 244797    | 0.08%  | 0.028%  |
| 226    | 15.056 | 15.046 | 15.068 | VV | 15436   | 194822    | 0.06%  | 0.023%  |
| 227    | 15.081 | 15.068 | 15.102 | VV | 16238   | 272188    | 0.08%  | 0.032%  |
| 228    | 15.111 | 15.102 | 15.175 | VV | 13203   | 355904    | 0.11%  | 0.041%  |
| 229    | 15.215 | 15.175 | 15.232 | VV | 10548   | 249200    | 0.08%  | 0.029%  |
| 230    | 15.249 | 15.232 | 15.299 | VV | 14220   | 327536    | 0.10%  | 0.038%  |
| 231    | 15.334 | 15.299 | 15.398 | VV | 16647   | 397968    | 0.12%  | 0.046%  |
| 232    | 15.411 | 15.398 | 15.427 | VV | 2952    | 38688     | 0.01%  | 0.004%  |
| 233    | 15.464 | 15.427 | 15.493 | VV | 12480   | 215160    | 0.07%  | 0.025%  |
| 234    | 15.524 | 15.493 | 15.582 | VV | 171039  | 2213721   | 0.68%  | 0.257%  |
| 235    | 15.601 | 15.582 | 15.628 | VV | 4875    | 79821     | 0.02%  | 0.009%  |
| 236    | 15.646 | 15.628 | 15.665 | VV | 2018    | 31763     | 0.01%  | 0.004%  |
| 237    | 15.692 | 15.665 | 15.705 | VV | 3604    | 56835     | 0.02%  | 0.007%  |
| 238    | 15.709 | 15.705 | 15.714 | VV | 2941    | 15021     | 0.00%  | 0.002%  |
| 239    | 15.725 | 15.714 | 15.744 | VV | 3401    | 48740     | 0.01%  | 0.006%  |
| 240    | 15.762 | 15.744 | 15.791 | VV | 2572    | 51310     | 0.02%  | 0.006%  |
| 241    | 15.802 | 15.791 | 15.822 | VV | 1794    | 25340     | 0.01%  | 0.003%  |
| 242    | 15.857 | 15.822 | 15.878 | VV | 3871    | 93641     | 0.03%  | 0.011%  |
| 243    | 15.896 | 15.878 | 15.911 | VV | 4906    | 72461     | 0.02%  | 0.008%  |
| 244    | 15.922 | 15.911 | 15.933 | VV | 3491    | 41719     | 0.01%  | 0.005%  |
| 245    | 15.964 | 15.933 | 15.989 | VV | 12791   | 226253    | 0.07%  | 0.026%  |
| 246    | 16.023 | 15.989 | 16.068 | VV | 21688   | 371953    | 0.11%  | 0.043%  |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 16.092 | 16.068 | 16.120 | VV | 2269   | 46504   | 0.01% | 0.005% |
| 248 | 16.143 | 16.120 | 16.155 | VV | 3605   | 49464   | 0.02% | 0.006% |
| 249 | 16.159 | 16.155 | 16.192 | VV | 3260   | 44871   | 0.01% | 0.005% |
| 250 | 16.203 | 16.192 | 16.212 | VV | 878    | 7692    | 0.00% | 0.001% |
| 251 | 16.221 | 16.212 | 16.237 | VV | 1567   | 19232   | 0.01% | 0.002% |
| 252 | 16.269 | 16.237 | 16.295 | VV | 3032   | 57577   | 0.02% | 0.007% |
| 253 | 16.339 | 16.295 | 16.355 | PV | 6064   | 120736  | 0.04% | 0.014% |
| 254 | 16.367 | 16.355 | 16.393 | VV | 5710   | 90970   | 0.03% | 0.011% |
| 255 | 16.408 | 16.393 | 16.418 | VV | 1714   | 19346   | 0.01% | 0.002% |
| 256 | 16.448 | 16.418 | 16.478 | VV | 17985  | 282553  | 0.09% | 0.033% |
| 257 | 16.508 | 16.478 | 16.542 | VV | 62488  | 836530  | 0.26% | 0.097% |
| 258 | 16.549 | 16.542 | 16.555 | VV | 4409   | 32501   | 0.01% | 0.004% |
| 259 | 16.580 | 16.555 | 16.600 | VV | 5578   | 113063  | 0.03% | 0.013% |
| 260 | 16.633 | 16.600 | 16.652 | VV | 4528   | 112160  | 0.03% | 0.013% |
| 261 | 16.671 | 16.652 | 16.693 | VV | 5172   | 97181   | 0.03% | 0.011% |
| 262 | 16.740 | 16.693 | 16.755 | VV | 6384   | 152128  | 0.05% | 0.018% |
| 263 | 16.767 | 16.755 | 16.780 | VV | 5481   | 71368   | 0.02% | 0.008% |
| 264 | 16.801 | 16.780 | 16.837 | VV | 5733   | 168471  | 0.05% | 0.020% |
| 265 | 16.859 | 16.837 | 16.883 | VV | 9799   | 195497  | 0.06% | 0.023% |
| 266 | 16.914 | 16.883 | 16.935 | VV | 12523  | 260617  | 0.08% | 0.030% |
| 267 | 16.973 | 16.935 | 17.005 | VV | 12682  | 355630  | 0.11% | 0.041% |
| 268 | 17.065 | 17.005 | 17.078 | VV | 6167   | 231250  | 0.07% | 0.027% |
| 269 | 17.087 | 17.078 | 17.097 | VV | 6110   | 62214   | 0.02% | 0.007% |
| 270 | 17.143 | 17.097 | 17.154 | VV | 9055   | 239809  | 0.07% | 0.028% |
| 271 | 17.174 | 17.154 | 17.198 | VV | 11615  | 240691  | 0.07% | 0.028% |
| 272 | 17.242 | 17.198 | 17.270 | VV | 12170  | 386559  | 0.12% | 0.045% |
| 273 | 17.318 | 17.270 | 17.330 | VV | 9401   | 318138  | 0.10% | 0.037% |
| 274 | 17.360 | 17.330 | 17.386 | VV | 18107  | 410781  | 0.13% | 0.048% |
| 275 | 17.425 | 17.386 | 17.462 | VV | 14902  | 484825  | 0.15% | 0.056% |
| 276 | 17.491 | 17.462 | 17.522 | VV | 11556  | 364125  | 0.11% | 0.042% |
| 277 | 17.549 | 17.522 | 17.588 | VV | 12464  | 416172  | 0.13% | 0.048% |
| 278 | 17.609 | 17.588 | 17.624 | VV | 12430  | 248163  | 0.08% | 0.029% |
| 279 | 17.643 | 17.624 | 17.658 | VV | 15871  | 281257  | 0.09% | 0.033% |
| 280 | 17.676 | 17.658 | 17.693 | VV | 18774  | 330458  | 0.10% | 0.038% |
| 281 | 17.714 | 17.693 | 17.765 | VV | 15609  | 595726  | 0.18% | 0.069% |
| 282 | 17.801 | 17.765 | 17.835 | VV | 25242  | 752653  | 0.23% | 0.088% |
| 283 | 17.874 | 17.835 | 17.898 | VV | 18571  | 611264  | 0.19% | 0.071% |
| 284 | 17.961 | 17.898 | 18.015 | VV | 32147  | 1612569 | 0.50% | 0.188% |
| 285 | 18.036 | 18.015 | 18.059 | VV | 21333  | 546826  | 0.17% | 0.064% |
| 286 | 18.068 | 18.059 | 18.084 | VV | 21761  | 304038  | 0.09% | 0.035% |
| 287 | 18.099 | 18.084 | 18.108 | VV | 20370  | 292242  | 0.09% | 0.034% |
| 288 | 18.135 | 18.108 | 18.146 | VV | 24088  | 496553  | 0.15% | 0.058% |
| 289 | 18.170 | 18.146 | 18.183 | VV | 28534  | 573728  | 0.18% | 0.067% |
| 290 | 18.191 | 18.183 | 18.203 | VV | 27488  | 314976  | 0.10% | 0.037% |
| 291 | 18.220 | 18.203 | 18.252 | VV | 31478  | 749341  | 0.23% | 0.087% |
| 292 | 18.273 | 18.252 | 18.302 | VV | 23078  | 637991  | 0.20% | 0.074% |
| 293 | 18.328 | 18.302 | 18.350 | VV | 34541  | 828780  | 0.25% | 0.096% |
| 294 | 18.361 | 18.350 | 18.402 | VV | 30510  | 871867  | 0.27% | 0.101% |
| 295 | 18.447 | 18.402 | 18.468 | VV | 30259  | 1129316 | 0.35% | 0.131% |
| 296 | 18.486 | 18.468 | 18.502 | VV | 31595  | 608924  | 0.19% | 0.071% |
| 297 | 18.513 | 18.502 | 18.532 | VV | 31583  | 556008  | 0.17% | 0.065% |
| 298 | 18.540 | 18.532 | 18.554 | VV | 31078  | 406004  | 0.12% | 0.047% |
| 299 | 18.629 | 18.554 | 18.662 | VV | 58269  | 2529179 | 0.78% | 0.294% |

|     |        |        |        |     |                         |          |           |        |
|-----|--------|--------|--------|-----|-------------------------|----------|-----------|--------|
|     |        |        |        |     |                         | rteres   |           |        |
| 300 | 18.683 | 18.662 | 18.718 | VV  | 33250                   | 1097128  | 0.34%     | 0.128% |
| 301 | 18.757 | 18.718 | 18.782 | VV  | 56303                   | 1714967  | 0.53%     | 0.199% |
| 302 | 18.799 | 18.782 | 18.847 | VV  | 46256                   | 1599978  | 0.49%     | 0.186% |
| 303 | 18.930 | 18.847 | 18.948 | VV  | 48807                   | 2656759  | 0.82%     | 0.309% |
| 304 | 18.997 | 18.948 | 19.062 | VV  | 90296                   | 4246367  | 1.31%     | 0.494% |
| 305 | 19.078 | 19.062 | 19.105 | VV  | 57526                   | 1412352  | 0.43%     | 0.164% |
| 306 | 19.152 | 19.105 | 19.189 | VV  | 60609                   | 2899675  | 0.89%     | 0.337% |
| 307 | 19.223 | 19.189 | 19.230 | VV  | 60248                   | 1438633  | 0.44%     | 0.167% |
| 308 | 19.258 | 19.230 | 19.283 | VV  | 67683                   | 1997587  | 0.61%     | 0.232% |
| 309 | 19.310 | 19.283 | 19.351 | VV  | 65118                   | 2544744  | 0.78%     | 0.296% |
| 310 | 19.415 | 19.351 | 19.440 | VV  | 72385                   | 3427259  | 1.05%     | 0.399% |
| 311 | 19.551 | 19.440 | 19.561 | VV  | 78111                   | 5293161  | 1.63%     | 0.616% |
| 312 | 19.607 | 19.561 | 19.647 | VV  | 83730                   | 4131628  | 1.27%     | 0.481% |
| 313 | 19.675 | 19.647 | 19.686 | VV  | 83019                   | 1912146  | 0.59%     | 0.222% |
| 314 | 19.715 | 19.686 | 19.745 | VV  | 86832                   | 2878145  | 0.88%     | 0.335% |
| 315 | 19.786 | 19.745 | 19.828 | VV  | 102981                  | 4518548  | 1.39%     | 0.526% |
| 316 | 19.855 | 19.828 | 19.865 | VV  | 90850                   | 1908181  | 0.59%     | 0.222% |
| 317 | 19.880 | 19.865 | 19.896 | VV  | 94162                   | 1718065  | 0.53%     | 0.200% |
| 318 | 19.990 | 19.896 | 20.002 | VV  | 108245                  | 6443536  | 1.98%     | 0.749% |
| 319 | 20.015 | 20.002 | 20.038 | VV  | 106220                  | 2269497  | 0.70%     | 0.264% |
| 320 | 20.078 | 20.038 | 20.115 | VV  | 114973                  | 4984568  | 1.53%     | 0.580% |
| 321 | 20.161 | 20.115 | 20.181 | VV  | 111323                  | 4189328  | 1.29%     | 0.487% |
| 322 | 20.309 | 20.181 | 20.441 | VV  | 136372                  | 19166648 | 5.89%     | 2.229% |
| 323 | 20.529 | 20.441 | 20.555 | VV  | 139949                  | 8568402  | 2.63%     | 0.997% |
| 324 | 20.572 | 20.555 | 20.715 | VV  | 132320                  | 11514601 | 3.54%     | 1.339% |
| 325 | 20.783 | 20.715 | 20.878 | VV  | 117234                  | 11102092 | 3.41%     | 1.291% |
| 326 | 20.903 | 20.878 | 20.938 | VV  | 118440                  | 4025991  | 1.24%     | 0.468% |
| 327 | 20.954 | 20.938 | 20.995 | VV  | 109431                  | 3655753  | 1.12%     | 0.425% |
| 328 | 21.010 | 20.995 | 21.048 | VV  | 107915                  | 3421935  | 1.05%     | 0.398% |
| 329 | 21.098 | 21.048 | 21.265 | VV  | 111569                  | 13308690 | 4.09%     | 1.548% |
| 330 | 21.285 | 21.265 | 21.310 | VV  | 93292                   | 2526148  | 0.78%     | 0.294% |
| 331 | 21.346 | 21.310 | 21.368 | VV  | 101573                  | 3345713  | 1.03%     | 0.389% |
| 332 | 21.476 | 21.368 | 21.732 | VV  | 106076                  | 19990770 | 6.15%     | 2.325% |
| 333 | 21.845 | 21.732 | 21.952 | VBA | 97899                   | 11666473 | 3.59%     | 1.357% |
|     |        |        |        |     | Sum of corrected areas: |          | 859724072 |        |

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