

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041820AL\  
Data File : FC046926.D  
Signal(s) : FID1A.CH  
Acq On : 19 Apr 2020 19:52  
Sample : L2323-09  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.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         | 3.524       | 3.482        | 3.533      | BV       | 83             | 1174         | 0.02%          | 0.001%        |
| 2         | 3.550       | 3.533        | 3.571      | PV       | 188            | 2422         | 0.05%          | 0.002%        |
| 3         | 3.581       | 3.571        | 3.652      | VV       | 170            | 2894         | 0.06%          | 0.003%        |
| 4         | 3.694       | 3.671        | 3.729      | VV       | 107            | 1724         | 0.04%          | 0.002%        |
| 5         | 3.753       | 3.746        | 3.784      | VV       | 75             | 1604         | 0.03%          | 0.001%        |
| 6         | 3.815       | 3.784        | 3.847      | VV       | 176            | 3216         | 0.07%          | 0.003%        |
| 7         | 3.872       | 3.847        | 3.911      | PV       | 194            | 4805         | 0.10%          | 0.004%        |
| 8         | 3.921       | 3.911        | 3.936      | VV       | 162            | 1665         | 0.03%          | 0.001%        |
| 9         | 3.946       | 3.936        | 3.984      | VV       | 154            | 2367         | 0.05%          | 0.002%        |
| 10        | 3.994       | 3.984        | 4.039      | VV       | 156            | 3115         | 0.06%          | 0.003%        |
| 11        | 4.054       | 4.039        | 4.085      | VV       | 157            | 2328         | 0.05%          | 0.002%        |
| 12        | 4.121       | 4.085        | 4.137      | PV       | 222            | 3779         | 0.08%          | 0.003%        |
| 13        | 4.145       | 4.137        | 4.172      | VV       | 155            | 2956         | 0.06%          | 0.003%        |
| 14        | 4.178       | 4.172        | 4.204      | VV       | 129            | 2212         | 0.05%          | 0.002%        |
| 15        | 4.220       | 4.204        | 4.241      | VV       | 192            | 2910         | 0.06%          | 0.003%        |
| 16        | 4.251       | 4.241        | 4.260      | VV       | 150            | 1508         | 0.03%          | 0.001%        |
| 17        | 4.274       | 4.260        | 4.342      | VV       | 226            | 8466         | 0.17%          | 0.008%        |
| 18        | 4.348       | 4.342        | 4.365      | VV       | 245            | 2981         | 0.06%          | 0.003%        |
| 19        | 4.392       | 4.365        | 4.429      | VV       | 438            | 9857         | 0.20%          | 0.009%        |
| 20        | 4.436       | 4.429        | 4.447      | VV       | 267            | 2630         | 0.05%          | 0.002%        |
| 21        | 4.489       | 4.447        | 4.551      | VV       | 504            | 25021        | 0.51%          | 0.022%        |
| 22        | 4.559       | 4.551        | 4.604      | VV       | 498            | 13446        | 0.27%          | 0.012%        |
| 23        | 4.612       | 4.604        | 4.677      | VV       | 482            | 15813        | 0.32%          | 0.014%        |
| 24        | 4.694       | 4.677        | 4.726      | VV       | 361            | 8932         | 0.18%          | 0.008%        |
| 25        | 4.733       | 4.726        | 4.742      | VV       | 266            | 2291         | 0.05%          | 0.002%        |
| 26        | 4.773       | 4.742        | 4.846      | VV       | 1833           | 40638        | 0.83%          | 0.036%        |
| 27        | 4.860       | 4.846        | 4.888      | VV       | 461            | 9770         | 0.20%          | 0.009%        |
| 28        | 4.900       | 4.888        | 4.946      | VV       | 398            | 9353         | 0.19%          | 0.008%        |
| 29        | 4.962       | 4.946        | 4.984      | VV       | 294            | 4676         | 0.10%          | 0.004%        |
| 30        | 5.000       | 4.984        | 5.066      | VV       | 252            | 7815         | 0.16%          | 0.007%        |
| 31        | 5.074       | 5.066        | 5.097      | VV       | 106            | 1664         | 0.03%          | 0.001%        |
| 32        | 5.110       | 5.097        | 5.186      | VV       | 113            | 3544         | 0.07%          | 0.003%        |
| 33        | 5.201       | 5.186        | 5.222      | VV       | 251            | 3546         | 0.07%          | 0.003%        |
| 34        | 5.244       | 5.222        | 5.254      | VV       | 283            | 3612         | 0.07%          | 0.003%        |
| 35        | 5.269       | 5.254        | 5.282      | VV       | 311            | 3708         | 0.08%          | 0.003%        |
| 36        | 5.300       | 5.282        | 5.371      | VV       | 372            | 10188        | 0.21%          | 0.009%        |

|    |       |       |       |    | rters |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 5.379 | 5.371 | 5.404 | VV | 308   | 2844   | 0.06% | 0.003% |
| 38 | 5.421 | 5.404 | 5.474 | VV | 187   | 6554   | 0.13% | 0.006% |
| 39 | 5.499 | 5.474 | 5.569 | VV | 255   | 9142   | 0.19% | 0.008% |
| 40 | 5.578 | 5.569 | 5.627 | VV | 143   | 3107   | 0.06% | 0.003% |
|    |       |       |       |    |       |        |       |        |
| 41 | 5.645 | 5.627 | 5.669 | VV | 234   | 3560   | 0.07% | 0.003% |
| 42 | 5.708 | 5.669 | 5.819 | VV | 1007  | 26345  | 0.54% | 0.024% |
| 43 | 5.827 | 5.819 | 5.852 | VV | 179   | 2367   | 0.05% | 0.002% |
| 44 | 5.872 | 5.852 | 5.917 | VV | 152   | 3639   | 0.07% | 0.003% |
| 45 | 5.926 | 5.917 | 5.942 | VV | 112   | 1300   | 0.03% | 0.001% |
|    |       |       |       |    |       |        |       |        |
| 46 | 5.990 | 5.956 | 6.019 | VV | 264   | 5477   | 0.11% | 0.005% |
| 47 | 6.025 | 6.019 | 6.061 | VV | 140   | 2513   | 0.05% | 0.002% |
| 48 | 6.068 | 6.061 | 6.149 | VV | 97    | 3265   | 0.07% | 0.003% |
| 49 | 6.180 | 6.164 | 6.202 | PV | 133   | 1891   | 0.04% | 0.002% |
| 50 | 6.214 | 6.202 | 6.303 | VV | 367   | 13540  | 0.28% | 0.012% |
|    |       |       |       |    |       |        |       |        |
| 51 | 6.326 | 6.303 | 6.376 | VV | 1580  | 20768  | 0.42% | 0.019% |
| 52 | 6.397 | 6.376 | 6.421 | VV | 202   | 2764   | 0.06% | 0.002% |
| 53 | 6.434 | 6.421 | 6.449 | VV | 108   | 1569   | 0.03% | 0.001% |
| 54 | 6.466 | 6.449 | 6.552 | VV | 152   | 5064   | 0.10% | 0.005% |
| 55 | 6.557 | 6.552 | 6.594 | VV | 114   | 1715   | 0.03% | 0.002% |
|    |       |       |       |    |       |        |       |        |
| 56 | 6.621 | 6.594 | 6.641 | VV | 231   | 3739   | 0.08% | 0.003% |
| 57 | 6.738 | 6.705 | 6.765 | VV | 124   | 2305   | 0.05% | 0.002% |
| 58 | 6.773 | 6.765 | 6.810 | VV | 91    | 2057   | 0.04% | 0.002% |
| 59 | 6.845 | 6.810 | 6.878 | VV | 133   | 2245   | 0.05% | 0.002% |
| 60 | 6.924 | 6.878 | 6.961 | PV | 81    | 1574   | 0.03% | 0.001% |
|    |       |       |       |    |       |        |       |        |
| 61 | 7.030 | 6.961 | 7.064 | VV | 135   | 3718   | 0.08% | 0.003% |
| 62 | 7.121 | 7.064 | 7.139 | VV | 257   | 5943   | 0.12% | 0.005% |
| 63 | 7.146 | 7.139 | 7.193 | VV | 161   | 4651   | 0.09% | 0.004% |
| 64 | 7.205 | 7.193 | 7.234 | VV | 197   | 3688   | 0.08% | 0.003% |
| 65 | 7.314 | 7.234 | 7.358 | VV | 357   | 17135  | 0.35% | 0.015% |
|    |       |       |       |    |       |        |       |        |
| 66 | 7.372 | 7.358 | 7.395 | VV | 171   | 3035   | 0.06% | 0.003% |
| 67 | 7.409 | 7.395 | 7.452 | VV | 279   | 7286   | 0.15% | 0.007% |
| 68 | 7.474 | 7.452 | 7.491 | VV | 219   | 4004   | 0.08% | 0.004% |
| 69 | 7.501 | 7.491 | 7.512 | VV | 191   | 1893   | 0.04% | 0.002% |
| 70 | 7.537 | 7.512 | 7.565 | VV | 595   | 9598   | 0.20% | 0.009% |
|    |       |       |       |    |       |        |       |        |
| 71 | 7.571 | 7.565 | 7.601 | VV | 187   | 2385   | 0.05% | 0.002% |
| 72 | 7.615 | 7.601 | 7.672 | VV | 159   | 3652   | 0.07% | 0.003% |
| 73 | 7.684 | 7.672 | 7.708 | VV | 121   | 2051   | 0.04% | 0.002% |
| 74 | 7.715 | 7.708 | 7.737 | VV | 109   | 1321   | 0.03% | 0.001% |
| 75 | 7.758 | 7.737 | 7.782 | VV | 112   | 1789   | 0.04% | 0.002% |
|    |       |       |       |    |       |        |       |        |
| 76 | 7.795 | 7.782 | 7.816 | VV | 160   | 1872   | 0.04% | 0.002% |
| 77 | 8.156 | 8.137 | 8.202 | VV | 847   | 26763  | 0.55% | 0.024% |
| 78 | 8.224 | 8.202 | 8.257 | VV | 702   | 18254  | 0.37% | 0.016% |
| 79 | 8.282 | 8.257 | 8.294 | VV | 530   | 11434  | 0.23% | 0.010% |
| 80 | 8.308 | 8.294 | 8.338 | VV | 573   | 12550  | 0.26% | 0.011% |
|    |       |       |       |    |       |        |       |        |
| 81 | 8.369 | 8.338 | 8.387 | VV | 2456  | 36791  | 0.75% | 0.033% |
| 82 | 8.401 | 8.387 | 8.438 | VV | 1588  | 25957  | 0.53% | 0.023% |
| 83 | 8.549 | 8.528 | 8.703 | VV | 3467  | 105857 | 2.16% | 0.095% |
| 84 | 8.880 | 8.872 | 8.918 | VV | 2504  | 59774  | 1.22% | 0.053% |
| 85 | 8.931 | 8.918 | 9.068 | VV | 1845  | 93923  | 1.92% | 0.084% |
|    |       |       |       |    |       |        |       |        |
| 86 | 9.075 | 9.068 | 9.109 | VV | 750   | 15277  | 0.31% | 0.014% |
| 87 | 9.135 | 9.109 | 9.182 | VV | 693   | 27021  | 0.55% | 0.024% |
| 88 | 9.218 | 9.182 | 9.268 | VV | 1490  | 39130  | 0.80% | 0.035% |
| 89 | 9.289 | 9.268 | 9.344 | VV | 711   | 22274  | 0.45% | 0.020% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 90  | 9.394  | 9.344  | 9.417  | VV | 560    | 13870   | 0.28%   | 0.012% |
| 91  | 9.438  | 9.417  | 9.471  | VV | 382    | 8050    | 0.16%   | 0.007% |
| 92  | 9.504  | 9.471  | 9.525  | VV | 424    | 9574    | 0.20%   | 0.009% |
| 93  | 9.587  | 9.525  | 9.615  | VV | 1070   | 37651   | 0.77%   | 0.034% |
| 94  | 9.638  | 9.615  | 9.705  | VV | 893    | 34052   | 0.70%   | 0.030% |
| 95  | 9.717  | 9.705  | 9.752  | VV | 487    | 10426   | 0.21%   | 0.009% |
| 96  | 9.774  | 9.752  | 9.815  | VV | 503    | 12488   | 0.25%   | 0.011% |
| 97  | 9.835  | 9.815  | 9.878  | VV | 437    | 9730    | 0.20%   | 0.009% |
| 98  | 9.909  | 9.878  | 9.927  | VV | 484    | 10049   | 0.21%   | 0.009% |
| 99  | 9.948  | 9.927  | 9.965  | VV | 449    | 8247    | 0.17%   | 0.007% |
| 100 | 9.991  | 9.965  | 10.042 | VV | 1207   | 24273   | 0.50%   | 0.022% |
| 101 | 10.051 | 10.042 | 10.082 | VV | 274    | 5183    | 0.11%   | 0.005% |
| 102 | 10.116 | 10.082 | 10.136 | VV | 715    | 10762   | 0.22%   | 0.010% |
| 103 | 10.161 | 10.136 | 10.200 | VV | 282    | 6612    | 0.13%   | 0.006% |
| 104 | 10.211 | 10.200 | 10.244 | VV | 135    | 1697    | 0.03%   | 0.002% |
| 105 | 10.266 | 10.244 | 10.291 | VV | 159    | 2163    | 0.04%   | 0.002% |
| 106 | 10.376 | 10.291 | 10.413 | PV | 565    | 18519   | 0.38%   | 0.017% |
| 107 | 10.425 | 10.413 | 10.438 | VV | 198    | 2487    | 0.05%   | 0.002% |
| 108 | 10.462 | 10.438 | 10.487 | VV | 531    | 10944   | 0.22%   | 0.010% |
| 109 | 10.520 | 10.487 | 10.536 | VV | 550    | 10599   | 0.22%   | 0.009% |
| 110 | 10.541 | 10.536 | 10.584 | VV | 369    | 7429    | 0.15%   | 0.007% |
| 111 | 10.645 | 10.584 | 10.676 | VV | 1374   | 31364   | 0.64%   | 0.028% |
| 112 | 10.693 | 10.676 | 10.702 | VV | 340    | 4829    | 0.10%   | 0.004% |
| 113 | 10.726 | 10.702 | 10.757 | VV | 1479   | 22438   | 0.46%   | 0.020% |
| 114 | 10.785 | 10.757 | 10.822 | VV | 1241   | 23881   | 0.49%   | 0.021% |
| 115 | 10.846 | 10.822 | 10.855 | VV | 514    | 8666    | 0.18%   | 0.008% |
| 116 | 10.860 | 10.855 | 10.905 | VV | 481    | 8486    | 0.17%   | 0.008% |
| 117 | 10.941 | 10.905 | 10.958 | VV | 358    | 6537    | 0.13%   | 0.006% |
| 118 | 10.968 | 10.958 | 10.988 | VV | 255    | 2873    | 0.06%   | 0.003% |
| 119 | 11.033 | 10.988 | 11.092 | VV | 2742   | 67150   | 1.37%   | 0.060% |
| 120 | 11.120 | 11.092 | 11.195 | VV | 1645   | 54077   | 1.10%   | 0.048% |
| 121 | 11.225 | 11.195 | 11.268 | VV | 355    | 9354    | 0.19%   | 0.008% |
| 122 | 11.358 | 11.292 | 11.387 | PV | 720    | 15016   | 0.31%   | 0.013% |
| 123 | 11.423 | 11.387 | 11.452 | VV | 1392   | 22197   | 0.45%   | 0.020% |
| 124 | 11.513 | 11.452 | 11.530 | VV | 374    | 12879   | 0.26%   | 0.012% |
| 125 | 11.545 | 11.530 | 11.598 | VV | 352    | 8707    | 0.18%   | 0.008% |
| 126 | 11.616 | 11.598 | 11.644 | VV | 348    | 4689    | 0.10%   | 0.004% |
| 127 | 11.760 | 11.644 | 11.805 | PV | 454266 | 4899460 | 100.00% | 4.385% |
| 128 | 11.822 | 11.805 | 11.842 | VV | 1929   | 33451   | 0.68%   | 0.030% |
| 129 | 11.861 | 11.842 | 11.918 | VV | 1801   | 56911   | 1.16%   | 0.051% |
| 130 | 11.938 | 11.918 | 11.956 | VV | 2178   | 32649   | 0.67%   | 0.029% |
| 131 | 11.970 | 11.956 | 11.988 | VV | 1439   | 21219   | 0.43%   | 0.019% |
| 132 | 12.005 | 11.988 | 12.055 | VV | 1276   | 31046   | 0.63%   | 0.028% |
| 133 | 12.090 | 12.055 | 12.120 | VV | 1371   | 21615   | 0.44%   | 0.019% |
| 134 | 12.164 | 12.120 | 12.206 | VV | 4110   | 64465   | 1.32%   | 0.058% |
| 135 | 12.224 | 12.206 | 12.258 | VV | 419    | 8312    | 0.17%   | 0.007% |
| 136 | 12.304 | 12.258 | 12.321 | PV | 709    | 13126   | 0.27%   | 0.012% |
| 137 | 12.343 | 12.321 | 12.448 | VV | 27550  | 338626  | 6.91%   | 0.303% |
| 138 | 12.499 | 12.448 | 12.520 | VV | 492    | 15534   | 0.32%   | 0.014% |
| 139 | 12.550 | 12.520 | 12.590 | VV | 604    | 15370   | 0.31%   | 0.014% |
| 140 | 12.611 | 12.590 | 12.647 | VV | 368    | 6952    | 0.14%   | 0.006% |
| 141 | 12.722 | 12.647 | 12.771 | VV | 2732   | 68522   | 1.40%   | 0.061% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 12.785 | 12.771 | 12.809 | VV | 719    | 12970   | 0.26%  | 0.012% |
| 143 | 12.837 | 12.809 | 12.909 | VV | 10816  | 172603  | 3.52%  | 0.154% |
| 144 | 12.946 | 12.909 | 12.962 | PV | 219    | 4049    | 0.08%  | 0.004% |
| 145 | 12.986 | 12.962 | 13.015 | VV | 1369   | 26777   | 0.55%  | 0.024% |
| 146 | 13.022 | 13.015 | 13.075 | VV | 768    | 18669   | 0.38%  | 0.017% |
| 147 | 13.087 | 13.075 | 13.105 | VV | 539    | 6825    | 0.14%  | 0.006% |
| 148 | 13.137 | 13.105 | 13.147 | VV | 9947   | 110020  | 2.25%  | 0.098% |
| 149 | 13.176 | 13.147 | 13.223 | VV | 414415 | 4809490 | 98.16% | 4.304% |
| 150 | 13.232 | 13.223 | 13.298 | VV | 1617   | 39524   | 0.81%  | 0.035% |
| 151 | 13.335 | 13.298 | 13.353 | VV | 1545   | 25243   | 0.52%  | 0.023% |
| 152 | 13.370 | 13.353 | 13.381 | VV | 620    | 10191   | 0.21%  | 0.009% |
| 153 | 13.406 | 13.381 | 13.445 | VV | 1217   | 31836   | 0.65%  | 0.028% |
| 154 | 13.457 | 13.445 | 13.497 | VV | 726    | 12798   | 0.26%  | 0.011% |
| 155 | 13.519 | 13.497 | 13.528 | PV | 288    | 2200    | 0.04%  | 0.002% |
| 156 | 13.570 | 13.528 | 13.630 | PV | 9834   | 160722  | 3.28%  | 0.144% |
| 157 | 13.637 | 13.630 | 13.664 | VV | 644    | 8526    | 0.17%  | 0.008% |
| 158 | 13.734 | 13.664 | 13.803 | PV | 2122   | 74119   | 1.51%  | 0.066% |
| 159 | 13.837 | 13.803 | 13.856 | VV | 2213   | 38442   | 0.78%  | 0.034% |
| 160 | 13.876 | 13.856 | 13.897 | VV | 1747   | 32625   | 0.67%  | 0.029% |
| 161 | 13.917 | 13.897 | 13.945 | VV | 2434   | 39199   | 0.80%  | 0.035% |
| 162 | 13.979 | 13.945 | 13.992 | VV | 1835   | 32260   | 0.66%  | 0.029% |
| 163 | 14.005 | 13.992 | 14.025 | VV | 1608   | 23732   | 0.48%  | 0.021% |
| 164 | 14.045 | 14.025 | 14.083 | VV | 899    | 19549   | 0.40%  | 0.017% |
| 165 | 14.135 | 14.083 | 14.167 | PV | 2301   | 48767   | 1.00%  | 0.044% |
| 166 | 14.179 | 14.167 | 14.197 | VV | 1265   | 20199   | 0.41%  | 0.018% |
| 167 | 14.209 | 14.197 | 14.224 | VV | 1159   | 16228   | 0.33%  | 0.015% |
| 168 | 14.253 | 14.224 | 14.267 | VV | 1066   | 24145   | 0.49%  | 0.022% |
| 169 | 14.299 | 14.267 | 14.312 | VV | 1784   | 34331   | 0.70%  | 0.031% |
| 170 | 14.353 | 14.312 | 14.371 | VV | 3187   | 93784   | 1.91%  | 0.084% |
| 171 | 14.411 | 14.371 | 14.431 | VV | 3192   | 102222  | 2.09%  | 0.091% |
| 172 | 14.449 | 14.431 | 14.461 | VV | 3490   | 56087   | 1.14%  | 0.050% |
| 173 | 14.480 | 14.461 | 14.516 | VV | 5748   | 149332  | 3.05%  | 0.134% |
| 174 | 14.541 | 14.516 | 14.620 | VV | 6871   | 302549  | 6.18%  | 0.271% |
| 175 | 14.688 | 14.620 | 14.697 | VV | 8345   | 276512  | 5.64%  | 0.247% |
| 176 | 14.726 | 14.697 | 14.748 | VV | 8877   | 251150  | 5.13%  | 0.225% |
| 177 | 14.799 | 14.748 | 14.816 | VV | 8968   | 316498  | 6.46%  | 0.283% |
| 178 | 14.882 | 14.816 | 14.892 | VV | 11630  | 418998  | 8.55%  | 0.375% |
| 179 | 14.943 | 14.892 | 14.972 | VV | 12881  | 538662  | 10.99% | 0.482% |
| 180 | 14.989 | 14.972 | 14.997 | VV | 13473  | 188105  | 3.84%  | 0.168% |
| 181 | 15.019 | 14.997 | 15.041 | VV | 22070  | 455006  | 9.29%  | 0.407% |
| 182 | 15.069 | 15.041 | 15.142 | VV | 23187  | 978099  | 19.96% | 0.875% |
| 183 | 15.153 | 15.142 | 15.167 | VV | 13316  | 199691  | 4.08%  | 0.179% |
| 184 | 15.210 | 15.167 | 15.242 | VV | 19408  | 740695  | 15.12% | 0.663% |
| 185 | 15.262 | 15.242 | 15.275 | VV | 18576  | 346276  | 7.07%  | 0.310% |
| 186 | 15.284 | 15.275 | 15.298 | VV | 16930  | 232230  | 4.74%  | 0.208% |
| 187 | 15.322 | 15.298 | 15.335 | VV | 18066  | 378121  | 7.72%  | 0.338% |
| 188 | 15.417 | 15.335 | 15.486 | VV | 31729  | 2164119 | 44.17% | 1.937% |
| 189 | 15.534 | 15.486 | 15.562 | VV | 31228  | 1098191 | 22.41% | 0.983% |
| 190 | 15.587 | 15.562 | 15.608 | VV | 29293  | 727699  | 14.85% | 0.651% |
| 191 | 15.623 | 15.608 | 15.669 | VV | 25301  | 820354  | 16.74% | 0.734% |
| 192 | 15.723 | 15.669 | 15.742 | VV | 27467  | 1051019 | 21.45% | 0.941% |
| 193 | 15.755 | 15.742 | 15.783 | VV | 26395  | 623333  | 12.72% | 0.558% |
| 194 | 15.792 | 15.783 | 15.810 | VV | 24536  | 387646  | 7.91%  | 0.347% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 15.832 | 15.810 | 15.847 | VV | 27272  | 562727  | 11.49% | 0.504% |
| 196 | 15.861 | 15.847 | 15.878 | VV | 27351  | 489143  | 9.98%  | 0.438% |
| 197 | 15.901 | 15.878 | 15.911 | VV | 30517  | 563896  | 11.51% | 0.505% |
| 198 | 15.927 | 15.911 | 15.944 | VV | 29364  | 554716  | 11.32% | 0.496% |
| 199 | 15.963 | 15.944 | 15.982 | VV | 29391  | 621258  | 12.68% | 0.556% |
| 200 | 16.000 | 15.982 | 16.008 | VV | 27415  | 395516  | 8.07%  | 0.354% |
| 201 | 16.031 | 16.008 | 16.054 | VV | 44266  | 926109  | 18.90% | 0.829% |
| 202 | 16.078 | 16.054 | 16.128 | VV | 32333  | 1249489 | 25.50% | 1.118% |
| 203 | 16.138 | 16.128 | 16.168 | VV | 25224  | 575749  | 11.75% | 0.515% |
| 204 | 16.218 | 16.168 | 16.245 | VV | 29841  | 1259203 | 25.70% | 1.127% |
| 205 | 16.257 | 16.245 | 16.298 | VV | 28772  | 864323  | 17.64% | 0.774% |
| 206 | 16.355 | 16.298 | 16.377 | VV | 36005  | 1421830 | 29.02% | 1.272% |
| 207 | 16.388 | 16.377 | 16.465 | VV | 33628  | 1570578 | 32.06% | 1.406% |
| 208 | 16.513 | 16.465 | 16.539 | VV | 54087  | 1571636 | 32.08% | 1.406% |
| 209 | 16.555 | 16.539 | 16.622 | VV | 32349  | 1475722 | 30.12% | 1.321% |
| 210 | 16.661 | 16.622 | 16.704 | VV | 33038  | 1471522 | 30.03% | 1.317% |
| 211 | 16.721 | 16.704 | 16.772 | VV | 28778  | 1117504 | 22.81% | 1.000% |
| 212 | 16.796 | 16.772 | 16.805 | VV | 27599  | 517090  | 10.55% | 0.463% |
| 213 | 16.831 | 16.805 | 16.845 | VV | 30659  | 703715  | 14.36% | 0.630% |
| 214 | 16.859 | 16.845 | 16.882 | VV | 31302  | 677533  | 13.83% | 0.606% |
| 215 | 16.891 | 16.882 | 16.931 | VV | 30650  | 826573  | 16.87% | 0.740% |
| 216 | 16.979 | 16.931 | 17.052 | VV | 65312  | 2558590 | 52.22% | 2.290% |
| 217 | 17.067 | 17.052 | 17.079 | VV | 26046  | 411213  | 8.39%  | 0.368% |
| 218 | 17.094 | 17.079 | 17.104 | VV | 26390  | 390443  | 7.97%  | 0.349% |
| 219 | 17.129 | 17.104 | 17.162 | VV | 28860  | 926700  | 18.91% | 0.829% |
| 220 | 17.173 | 17.162 | 17.205 | VV | 26864  | 662909  | 13.53% | 0.593% |
| 221 | 17.225 | 17.205 | 17.236 | VV | 25279  | 461801  | 9.43%  | 0.413% |
| 222 | 17.305 | 17.236 | 17.347 | VV | 28258  | 1717027 | 35.05% | 1.537% |
| 223 | 17.357 | 17.347 | 17.379 | VV | 24883  | 464984  | 9.49%  | 0.416% |
| 224 | 17.426 | 17.379 | 17.485 | VV | 68211  | 2163195 | 44.15% | 1.936% |
| 225 | 17.497 | 17.485 | 17.512 | VV | 24626  | 373986  | 7.63%  | 0.335% |
| 226 | 17.530 | 17.512 | 17.541 | VV | 25245  | 426702  | 8.71%  | 0.382% |
| 227 | 17.560 | 17.541 | 17.582 | VV | 25872  | 595226  | 12.15% | 0.533% |
| 228 | 17.596 | 17.582 | 17.641 | VV | 26065  | 869246  | 17.74% | 0.778% |
| 229 | 17.650 | 17.641 | 17.692 | VV | 23728  | 687973  | 14.04% | 0.616% |
| 230 | 17.714 | 17.692 | 17.804 | VV | 25741  | 1604981 | 32.76% | 1.436% |
| 231 | 17.862 | 17.804 | 17.903 | VV | 66162  | 1934126 | 39.48% | 1.731% |
| 232 | 17.915 | 17.903 | 17.934 | VV | 23517  | 408723  | 8.34%  | 0.366% |
| 233 | 17.952 | 17.934 | 17.994 | VV | 24272  | 813043  | 16.59% | 0.728% |
| 234 | 18.010 | 17.994 | 18.021 | VV | 23686  | 365280  | 7.46%  | 0.327% |
| 235 | 18.032 | 18.021 | 18.102 | VV | 24315  | 1070316 | 21.85% | 0.958% |
| 236 | 18.141 | 18.102 | 18.183 | VV | 25056  | 1119197 | 22.84% | 1.002% |
| 237 | 18.204 | 18.183 | 18.222 | VV | 24288  | 537831  | 10.98% | 0.481% |
| 238 | 18.282 | 18.222 | 18.323 | VV | 59200  | 1934976 | 39.49% | 1.732% |
| 239 | 18.332 | 18.323 | 18.338 | VV | 22967  | 212261  | 4.33%  | 0.190% |
| 240 | 18.375 | 18.338 | 18.395 | VV | 24827  | 781195  | 15.94% | 0.699% |
| 241 | 18.405 | 18.395 | 18.455 | VV | 23649  | 807581  | 16.48% | 0.723% |
| 242 | 18.485 | 18.455 | 18.497 | VV | 22634  | 550213  | 11.23% | 0.492% |
| 243 | 18.511 | 18.497 | 18.520 | VV | 22755  | 308715  | 6.30%  | 0.276% |
| 244 | 18.555 | 18.520 | 18.577 | VV | 24956  | 805822  | 16.45% | 0.721% |
| 245 | 18.605 | 18.577 | 18.658 | VV | 24955  | 1085049 | 22.15% | 0.971% |
| 246 | 18.687 | 18.658 | 18.742 | VV | 44801  | 1391270 | 28.40% | 1.245% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 18.748 | 18.742 | 18.774 | VV | 21229 | 398776  | 8.14%  | 0.357% |
| 248    | 18.788 | 18.774 | 18.806 | VV | 22324 | 412116  | 8.41%  | 0.369% |
| 249    | 18.860 | 18.806 | 18.879 | VV | 23995 | 957577  | 19.54% | 0.857% |
| 250    | 18.891 | 18.879 | 18.913 | VV | 23065 | 437372  | 8.93%  | 0.391% |
|        |        |        |        |    |       |         |        |        |
| 251    | 18.932 | 18.913 | 18.943 | VV | 22203 | 384289  | 7.84%  | 0.344% |
| 252    | 18.954 | 18.943 | 18.977 | VV | 22626 | 458170  | 9.35%  | 0.410% |
| 253    | 18.987 | 18.977 | 19.008 | VV | 22209 | 392853  | 8.02%  | 0.352% |
| 254    | 19.021 | 19.008 | 19.030 | VV | 20625 | 262568  | 5.36%  | 0.235% |
| 255    | 19.086 | 19.030 | 19.138 | VV | 32103 | 1555839 | 31.76% | 1.392% |
|        |        |        |        |    |       |         |        |        |
| 256    | 19.178 | 19.138 | 19.192 | VV | 25094 | 732336  | 14.95% | 0.655% |
| 257    | 19.227 | 19.192 | 19.285 | VV | 24100 | 1256747 | 25.65% | 1.125% |
| 258    | 19.297 | 19.285 | 19.357 | VV | 22956 | 930513  | 18.99% | 0.833% |
| 259    | 19.377 | 19.357 | 19.394 | VV | 22111 | 471667  | 9.63%  | 0.422% |
| 260    | 19.407 | 19.394 | 19.430 | VV | 21675 | 460703  | 9.40%  | 0.412% |
|        |        |        |        |    |       |         |        |        |
| 261    | 19.472 | 19.430 | 19.496 | VV | 27866 | 949659  | 19.38% | 0.850% |
| 262    | 19.508 | 19.496 | 19.525 | VV | 23455 | 389718  | 7.95%  | 0.349% |
| 263    | 19.559 | 19.525 | 19.598 | VV | 23392 | 952131  | 19.43% | 0.852% |
| 264    | 19.614 | 19.598 | 19.640 | VV | 21295 | 515996  | 10.53% | 0.462% |
| 265    | 19.676 | 19.640 | 19.694 | VV | 23170 | 687902  | 14.04% | 0.616% |
|        |        |        |        |    |       |         |        |        |
| 266    | 19.773 | 19.694 | 19.825 | VV | 25958 | 1854244 | 37.85% | 1.659% |
| 267    | 19.845 | 19.825 | 19.918 | VV | 26589 | 1363141 | 27.82% | 1.220% |
| 268    | 19.945 | 19.918 | 19.964 | VV | 24844 | 657804  | 13.43% | 0.589% |
| 269    | 19.989 | 19.964 | 19.999 | VV | 28253 | 565307  | 11.54% | 0.506% |
| 270    | 20.006 | 19.999 | 20.030 | VV | 27555 | 486853  | 9.94%  | 0.436% |
|        |        |        |        |    |       |         |        |        |
| 271    | 20.048 | 20.030 | 20.075 | VV | 27955 | 701755  | 14.32% | 0.628% |
| 272    | 20.086 | 20.075 | 20.090 | VV | 25439 | 232892  | 4.75%  | 0.208% |
| 273    | 20.101 | 20.090 | 20.125 | VV | 26099 | 524856  | 10.71% | 0.470% |
| 274    | 20.207 | 20.125 | 20.220 | VV | 29886 | 1505875 | 30.74% | 1.348% |
| 275    | 20.235 | 20.220 | 20.255 | VV | 30628 | 610216  | 12.45% | 0.546% |
|        |        |        |        |    |       |         |        |        |
| 276    | 20.266 | 20.255 | 20.274 | VV | 30165 | 340822  | 6.96%  | 0.305% |
| 277    | 20.286 | 20.274 | 20.356 | VV | 29972 | 1393887 | 28.45% | 1.247% |
| 278    | 20.381 | 20.356 | 20.401 | VV | 28539 | 734957  | 15.00% | 0.658% |
| 279    | 20.414 | 20.401 | 20.427 | VV | 27746 | 419426  | 8.56%  | 0.375% |
| 280    | 20.446 | 20.427 | 20.454 | VV | 28175 | 436872  | 8.92%  | 0.391% |
|        |        |        |        |    |       |         |        |        |
| 281    | 20.493 | 20.454 | 20.507 | VV | 29208 | 922059  | 18.82% | 0.825% |
| 282    | 20.525 | 20.507 | 20.621 | VV | 30766 | 1735013 | 35.41% | 1.553% |
| 283    | 20.654 | 20.621 | 20.667 | VV | 22529 | 589676  | 12.04% | 0.528% |
| 284    | 20.742 | 20.667 | 20.753 | VV | 26127 | 1213802 | 24.77% | 1.086% |
| 285    | 20.774 | 20.753 | 20.789 | VV | 26625 | 550855  | 11.24% | 0.493% |
|        |        |        |        |    |       |         |        |        |
| 286    | 20.817 | 20.789 | 20.917 | VV | 26698 | 1738631 | 35.49% | 1.556% |
| 287    | 20.934 | 20.917 | 20.945 | VV | 17913 | 287377  | 5.87%  | 0.257% |
| 288    | 20.965 | 20.945 | 20.986 | VV | 18647 | 432807  | 8.83%  | 0.387% |
| 289    | 20.999 | 20.986 | 21.034 | VV | 17519 | 493895  | 10.08% | 0.442% |
| 290    | 21.073 | 21.034 | 21.094 | VV | 17513 | 584312  | 11.93% | 0.523% |
|        |        |        |        |    |       |         |        |        |
| 291    | 21.111 | 21.094 | 21.149 | VV | 16343 | 506035  | 10.33% | 0.453% |
| 292    | 21.161 | 21.149 | 21.247 | VV | 15421 | 707965  | 14.45% | 0.634% |
| 293    | 21.299 | 21.247 | 21.310 | VV | 11556 | 392026  | 8.00%  | 0.351% |
| 294    | 21.315 | 21.310 | 21.323 | VV | 11146 | 85505   | 1.75%  | 0.077% |
| 295    | 21.353 | 21.323 | 21.364 | VV | 12633 | 287310  | 5.86%  | 0.257% |
|        |        |        |        |    |       |         |        |        |
| 296    | 21.429 | 21.364 | 21.499 | VV | 14522 | 1026284 | 20.95% | 0.918% |
| 297    | 21.507 | 21.499 | 21.526 | VV | 10794 | 160278  | 3.27%  | 0.143% |
| 298    | 21.544 | 21.526 | 21.612 | VV | 9790  | 420647  | 8.59%  | 0.376% |
| 299    | 21.644 | 21.612 | 21.662 | VV | 6831  | 189780  | 3.87%  | 0.170% |

|     |        |        |        |    |                         |           |       |        |
|-----|--------|--------|--------|----|-------------------------|-----------|-------|--------|
|     |        |        |        |    | rteres                  |           |       |        |
| 300 | 21.673 | 21.662 | 21.705 | VV | 6856                    | 169724    | 3.46% | 0.152% |
| 301 | 21.722 | 21.705 | 21.730 | VV | 7111                    | 99735     | 2.04% | 0.089% |
| 302 | 21.770 | 21.730 | 21.798 | VV | 8565                    | 314062    | 6.41% | 0.281% |
| 303 | 21.819 | 21.798 | 21.855 | VV | 8009                    | 236665    | 4.83% | 0.212% |
| 304 | 21.886 | 21.855 | 21.918 | VV | 7145                    | 247374    | 5.05% | 0.221% |
| 305 | 21.928 | 21.918 | 22.011 | VV | 6460                    | 184946    | 3.77% | 0.166% |
| 306 | 22.023 | 22.011 | 22.048 | VV | 580                     | 7744      | 0.16% | 0.007% |
|     |        |        |        |    | Sum of corrected areas: | 111741379 |       |        |

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