

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020224AL\  
 Data File : FE046559.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Feb 2024 04:27  
 Sample : P1334-03  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Title : GC Extractables

Signal : FID1B.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         | 3.254       | 3.205        | 3.301      | BV       | -407           | -17079       | -0.03%         | -0.005%       |
| 2         | 3.305       | 3.301        | 3.324      | PV       | 146            | 1077         | 0.00%          | 0.000%        |
| 3         | 3.342       | 3.324        | 3.374      | VV       | 461            | 7658         | 0.02%          | 0.002%        |
| 4         | 3.391       | 3.374        | 3.430      | VV       | 1092           | 14104        | 0.03%          | 0.004%        |
| 5         | 3.443       | 3.430        | 3.461      | VV       | 145            | 1796         | 0.00%          | 0.000%        |
| 6         | 3.481       | 3.461        | 3.498      | PV       | 244            | 2677         | 0.01%          | 0.001%        |
| 7         | 3.512       | 3.498        | 3.555      | VV       | 692            | 10076        | 0.02%          | 0.003%        |
| 8         | 3.593       | 3.555        | 3.611      | PV       | 320            | 5767         | 0.01%          | 0.002%        |
| 9         | 3.648       | 3.611        | 3.661      | VV       | 1386           | 29826        | 0.06%          | 0.008%        |
| 10        | 3.682       | 3.661        | 3.764      | VV       | 16472          | 220262       | 0.43%          | 0.059%        |
| 11        | 3.800       | 3.764        | 3.856      | VV       | 10789          | 163088       | 0.32%          | 0.043%        |
| 12        | 3.883       | 3.856        | 3.948      | VV       | 3371           | 65685        | 0.13%          | 0.017%        |
| 13        | 3.994       | 3.948        | 4.011      | VV       | 1898           | 31616        | 0.06%          | 0.008%        |
| 14        | 4.027       | 4.011        | 4.046      | VV       | 1548           | 21416        | 0.04%          | 0.006%        |
| 15        | 4.071       | 4.046        | 4.082      | VV       | 814            | 14034        | 0.03%          | 0.004%        |
| 16        | 4.103       | 4.082        | 4.142      | VV       | 1451           | 22425        | 0.04%          | 0.006%        |
| 17        | 4.191       | 4.142        | 4.208      | VV       | 1922           | 45333        | 0.09%          | 0.012%        |
| 18        | 4.223       | 4.208        | 4.255      | VV       | 1655           | 31390        | 0.06%          | 0.008%        |
| 19        | 4.261       | 4.255        | 4.307      | VV       | 855            | 13525        | 0.03%          | 0.004%        |
| 20        | 4.344       | 4.307        | 4.367      | VV       | 759            | 11942        | 0.02%          | 0.003%        |
| 21        | 4.391       | 4.367        | 4.416      | VV       | 1101           | 15851        | 0.03%          | 0.004%        |
| 22        | 4.455       | 4.416        | 4.478      | VV       | 7802           | 95718        | 0.19%          | 0.025%        |
| 23        | 4.491       | 4.478        | 4.509      | VV       | 1640           | 20189        | 0.04%          | 0.005%        |
| 24        | 4.527       | 4.509        | 4.549      | VV       | 1215           | 15709        | 0.03%          | 0.004%        |
| 25        | 4.562       | 4.549        | 4.593      | VV       | 337            | 6453         | 0.01%          | 0.002%        |
| 26        | 4.628       | 4.593        | 4.647      | PV       | 1101           | 20877        | 0.04%          | 0.006%        |
| 27        | 4.664       | 4.647        | 4.693      | VV       | 1307           | 25716        | 0.05%          | 0.007%        |
| 28        | 4.705       | 4.693        | 4.718      | VV       | 847            | 8334         | 0.02%          | 0.002%        |
| 29        | 4.738       | 4.718        | 4.775      | VV       | 4152           | 65430        | 0.13%          | 0.017%        |
| 30        | 4.814       | 4.775        | 4.834      | VV       | 2360           | 50872        | 0.10%          | 0.014%        |
| 31        | 4.875       | 4.834        | 4.902      | VV       | 2797           | 70078        | 0.14%          | 0.019%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.916 | 4.902 | 4.936 | VV | 2935   | 39661  | 0.08% | 0.011% |
| 33 | 4.958 | 4.936 | 5.002 | VV | 6845   | 100148 | 0.20% | 0.027% |
| 34 | 5.034 | 5.002 | 5.052 | VV | 2382   | 34421  | 0.07% | 0.009% |
| 35 | 5.067 | 5.052 | 5.094 | VV | 1499   | 18976  | 0.04% | 0.005% |
| 36 | 5.131 | 5.094 | 5.144 | VV | 3503   | 40170  | 0.08% | 0.011% |
| 37 | 5.163 | 5.144 | 5.187 | VV | 5415   | 77688  | 0.15% | 0.021% |
| 38 | 5.206 | 5.187 | 5.223 | VV | 6173   | 74239  | 0.15% | 0.020% |
| 39 | 5.239 | 5.223 | 5.256 | VV | 3111   | 53857  | 0.11% | 0.014% |
| 40 | 5.272 | 5.256 | 5.309 | VV | 5423   | 71394  | 0.14% | 0.019% |
| 41 | 5.322 | 5.309 | 5.347 | VV | 435    | 6266   | 0.01% | 0.002% |
| 42 | 5.369 | 5.347 | 5.382 | PV | 2825   | 32893  | 0.06% | 0.009% |
| 43 | 5.394 | 5.382 | 5.407 | VV | 2480   | 29646  | 0.06% | 0.008% |
| 44 | 5.432 | 5.407 | 5.451 | VV | 4150   | 79238  | 0.16% | 0.021% |
| 45 | 5.467 | 5.451 | 5.503 | VV | 4918   | 85360  | 0.17% | 0.023% |
| 46 | 5.529 | 5.503 | 5.545 | VV | 3005   | 47337  | 0.09% | 0.013% |
| 47 | 5.555 | 5.545 | 5.571 | VV | 1576   | 14040  | 0.03% | 0.004% |
| 48 | 5.594 | 5.571 | 5.698 | PV | 37499  | 551737 | 1.08% | 0.147% |
| 49 | 5.717 | 5.698 | 5.731 | VV | 1183   | 17280  | 0.03% | 0.005% |
| 50 | 5.742 | 5.731 | 5.747 | VV | 1076   | 7781   | 0.02% | 0.002% |
| 51 | 5.768 | 5.747 | 5.781 | VV | 8072   | 94144  | 0.19% | 0.025% |
| 52 | 5.791 | 5.781 | 5.809 | VV | 5326   | 70084  | 0.14% | 0.019% |
| 53 | 5.817 | 5.809 | 5.833 | VV | 2665   | 28613  | 0.06% | 0.008% |
| 54 | 5.853 | 5.833 | 5.866 | VV | 4946   | 54977  | 0.11% | 0.015% |
| 55 | 5.894 | 5.866 | 5.929 | VV | 11733  | 267827 | 0.53% | 0.071% |
| 56 | 5.980 | 5.929 | 6.010 | VV | 10436  | 247010 | 0.49% | 0.066% |
| 57 | 6.022 | 6.010 | 6.053 | VV | 4289   | 85111  | 0.17% | 0.023% |
| 58 | 6.069 | 6.053 | 6.096 | VV | 6974   | 96713  | 0.19% | 0.026% |
| 59 | 6.121 | 6.096 | 6.141 | VV | 7075   | 118602 | 0.23% | 0.032% |
| 60 | 6.152 | 6.141 | 6.157 | VV | 3144   | 26170  | 0.05% | 0.007% |
| 61 | 6.181 | 6.157 | 6.196 | VV | 7699   | 141427 | 0.28% | 0.038% |
| 62 | 6.220 | 6.196 | 6.241 | VV | 7863   | 149576 | 0.29% | 0.040% |
| 63 | 6.267 | 6.241 | 6.285 | VV | 10394  | 142129 | 0.28% | 0.038% |
| 64 | 6.306 | 6.285 | 6.317 | VV | 8850   | 128181 | 0.25% | 0.034% |
| 65 | 6.333 | 6.317 | 6.373 | VV | 11549  | 241754 | 0.48% | 0.064% |
| 66 | 6.391 | 6.373 | 6.423 | VV | 7711   | 155641 | 0.31% | 0.041% |
| 67 | 6.441 | 6.423 | 6.473 | VV | 8629   | 169829 | 0.33% | 0.045% |
| 68 | 6.495 | 6.473 | 6.519 | VV | 5968   | 124395 | 0.24% | 0.033% |
| 69 | 6.546 | 6.519 | 6.600 | VV | 12154  | 305652 | 0.60% | 0.081% |
| 70 | 6.624 | 6.600 | 6.671 | VV | 58336  | 757798 | 1.49% | 0.201% |
| 71 | 6.681 | 6.671 | 6.690 | VV | 2726   | 28163  | 0.06% | 0.007% |
| 72 | 6.711 | 6.690 | 6.724 | VV | 5433   | 83052  | 0.16% | 0.022% |
| 73 | 6.741 | 6.724 | 6.755 | VV | 8580   | 113986 | 0.22% | 0.030% |
| 74 | 6.776 | 6.755 | 6.799 | VV | 24756  | 345040 | 0.68% | 0.092% |
| 75 | 6.822 | 6.799 | 6.838 | VV | 8179   | 152764 | 0.30% | 0.041% |
| 76 | 6.848 | 6.838 | 6.861 | VV | 6945   | 78655  | 0.15% | 0.021% |
| 77 | 6.876 | 6.861 | 6.889 | VV | 7296   | 99071  | 0.19% | 0.026% |
| 78 | 6.905 | 6.889 | 6.928 | VV | 14996  | 198101 | 0.39% | 0.053% |
| 79 | 6.947 | 6.928 | 6.998 | VV | 10724  | 314103 | 0.62% | 0.083% |

|     |       |       |       |    |                 |         |       |        |
|-----|-------|-------|-------|----|-----------------|---------|-------|--------|
| 80  | 7.027 | 6.998 | 7.062 | VV | rteres<br>29979 | 502242  | 0.99% | 0.133% |
| 81  | 7.071 | 7.062 | 7.084 | VV | 5947            | 74047   | 0.15% | 0.020% |
| 82  | 7.106 | 7.084 | 7.121 | VV | 8496            | 148636  | 0.29% | 0.039% |
| 83  | 7.151 | 7.121 | 7.173 | VV | 17514           | 358263  | 0.70% | 0.095% |
| 84  | 7.195 | 7.173 | 7.223 | VV | 21021           | 330595  | 0.65% | 0.088% |
| 85  | 7.259 | 7.223 | 7.286 | VV | 20728           | 518808  | 1.02% | 0.138% |
| 86  | 7.301 | 7.286 | 7.319 | VV | 16773           | 212796  | 0.42% | 0.057% |
| 87  | 7.342 | 7.319 | 7.379 | VV | 27542           | 464838  | 0.91% | 0.123% |
| 88  | 7.403 | 7.379 | 7.424 | VV | 14465           | 246632  | 0.48% | 0.066% |
| 89  | 7.441 | 7.424 | 7.459 | VV | 10845           | 157345  | 0.31% | 0.042% |
| 90  | 7.472 | 7.459 | 7.482 | VV | 6965            | 86609   | 0.17% | 0.023% |
| 91  | 7.570 | 7.482 | 7.593 | VV | 97844           | 1670190 | 3.28% | 0.444% |
| 92  | 7.606 | 7.593 | 7.632 | VV | 12759           | 269674  | 0.53% | 0.072% |
| 93  | 7.641 | 7.632 | 7.680 | VV | 10712           | 256799  | 0.50% | 0.068% |
| 94  | 7.693 | 7.680 | 7.708 | VV | 7710            | 117007  | 0.23% | 0.031% |
| 95  | 7.743 | 7.708 | 7.777 | VV | 28507           | 601827  | 1.18% | 0.160% |
| 96  | 7.795 | 7.777 | 7.818 | VV | 11950           | 209084  | 0.41% | 0.056% |
| 97  | 7.836 | 7.818 | 7.858 | VV | 9454            | 165920  | 0.33% | 0.044% |
| 98  | 7.938 | 7.926 | 7.980 | VV | 25248           | 544856  | 1.07% | 0.145% |
| 99  | 8.000 | 7.980 | 8.016 | VV | 18974           | 330232  | 0.65% | 0.088% |
| 100 | 8.033 | 8.016 | 8.070 | VV | 20172           | 531429  | 1.04% | 0.141% |
| 101 | 8.095 | 8.070 | 8.116 | VV | 20690           | 383829  | 0.75% | 0.102% |
| 102 | 8.143 | 8.116 | 8.160 | VV | 25515           | 413410  | 0.81% | 0.110% |
| 103 | 8.177 | 8.160 | 8.187 | VV | 24065           | 308082  | 0.61% | 0.082% |
| 104 | 8.199 | 8.187 | 8.223 | VV | 29570           | 405844  | 0.80% | 0.108% |
| 105 | 8.269 | 8.223 | 8.301 | VV | 38050           | 775772  | 1.52% | 0.206% |
| 106 | 8.313 | 8.301 | 8.336 | VV | 11234           | 207076  | 0.41% | 0.055% |
| 107 | 8.357 | 8.336 | 8.389 | VV | 18738           | 484574  | 0.95% | 0.129% |
| 108 | 8.450 | 8.389 | 8.477 | VV | 112188          | 1969285 | 3.87% | 0.523% |
| 109 | 8.493 | 8.477 | 8.513 | VV | 19003           | 350894  | 0.69% | 0.093% |
| 110 | 8.549 | 8.513 | 8.578 | VV | 19593           | 577840  | 1.14% | 0.153% |
| 111 | 8.601 | 8.578 | 8.621 | VV | 16693           | 368465  | 0.72% | 0.098% |
| 112 | 8.635 | 8.621 | 8.648 | VV | 15958           | 228774  | 0.45% | 0.061% |
| 113 | 8.669 | 8.648 | 8.711 | VV | 22848           | 554603  | 1.09% | 0.147% |
| 114 | 8.870 | 8.843 | 8.888 | VV | 26493           | 651434  | 1.28% | 0.173% |
| 115 | 8.901 | 8.888 | 8.924 | VV | 25349           | 471990  | 0.93% | 0.125% |
| 116 | 8.943 | 8.924 | 8.958 | VV | 22631           | 396135  | 0.78% | 0.105% |
| 117 | 8.989 | 8.958 | 9.016 | VV | 53670           | 963360  | 1.89% | 0.256% |
| 118 | 9.042 | 9.016 | 9.081 | VV | 23163           | 600817  | 1.18% | 0.160% |
| 119 | 9.106 | 9.081 | 9.123 | VV | 17101           | 365144  | 0.72% | 0.097% |
| 120 | 9.136 | 9.123 | 9.155 | VV | 17626           | 283703  | 0.56% | 0.075% |
| 121 | 9.167 | 9.155 | 9.184 | VV | 13075           | 208453  | 0.41% | 0.055% |
| 122 | 9.216 | 9.184 | 9.238 | VV | 17134           | 477691  | 0.94% | 0.127% |
| 123 | 9.277 | 9.238 | 9.341 | VV | 124774          | 2185574 | 4.30% | 0.580% |
| 124 | 9.361 | 9.341 | 9.385 | VV | 18535           | 374518  | 0.74% | 0.099% |
| 125 | 9.420 | 9.385 | 9.447 | VV | 15089           | 460749  | 0.91% | 0.122% |
| 126 | 9.473 | 9.447 | 9.489 | VV | 14826           | 302329  | 0.59% | 0.080% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 9.506  | 9.489  | 9.526  | VV | 15825  | 300046  | 0.59%  | 0.080% |
| 128 | 9.562  | 9.526  | 9.593  | VV | 17262  | 536647  | 1.05%  | 0.143% |
| 129 | 9.609  | 9.593  | 9.624  | VV | 13966  | 225805  | 0.44%  | 0.060% |
| 130 | 9.654  | 9.624  | 9.685  | VV | 32925  | 759893  | 1.49%  | 0.202% |
|     |        |        |        |    |        |         |        |        |
| 131 | 9.696  | 9.685  | 9.708  | VV | 16923  | 224308  | 0.44%  | 0.060% |
| 132 | 9.736  | 9.708  | 9.761  | VV | 24893  | 619097  | 1.22%  | 0.164% |
| 133 | 9.783  | 9.761  | 9.803  | VV | 24319  | 449889  | 0.88%  | 0.119% |
| 134 | 9.836  | 9.803  | 9.873  | VV | 23661  | 657096  | 1.29%  | 0.175% |
| 135 | 9.886  | 9.873  | 9.928  | VV | 11743  | 349980  | 0.69%  | 0.093% |
|     |        |        |        |    |        |         |        |        |
| 136 | 9.940  | 9.928  | 9.950  | VV | 10087  | 129202  | 0.25%  | 0.034% |
| 137 | 9.973  | 9.950  | 9.986  | VV | 13153  | 253300  | 0.50%  | 0.067% |
| 138 | 10.012 | 9.986  | 10.034 | VV | 22136  | 494126  | 0.97%  | 0.131% |
| 139 | 10.059 | 10.034 | 10.108 | VV | 125779 | 1832163 | 3.60%  | 0.487% |
| 140 | 10.134 | 10.108 | 10.151 | VV | 13998  | 330938  | 0.65%  | 0.088% |
|     |        |        |        |    |        |         |        |        |
| 141 | 10.160 | 10.151 | 10.202 | VV | 12658  | 311558  | 0.61%  | 0.083% |
| 142 | 10.233 | 10.202 | 10.255 | VV | 12511  | 312863  | 0.61%  | 0.083% |
| 143 | 10.270 | 10.255 | 10.281 | VV | 9710   | 142267  | 0.28%  | 0.038% |
| 144 | 10.294 | 10.281 | 10.314 | VV | 9424   | 175906  | 0.35%  | 0.047% |
| 145 | 10.332 | 10.314 | 10.351 | VV | 10519  | 208834  | 0.41%  | 0.055% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.404 | 10.351 | 10.418 | VV | 19092  | 484426  | 0.95%  | 0.129% |
| 147 | 10.447 | 10.418 | 10.475 | VV | 50349  | 968535  | 1.90%  | 0.257% |
| 148 | 10.498 | 10.475 | 10.517 | VV | 18890  | 380210  | 0.75%  | 0.101% |
| 149 | 10.537 | 10.517 | 10.559 | VV | 21657  | 404367  | 0.79%  | 0.107% |
| 150 | 10.591 | 10.559 | 10.619 | VV | 24098  | 519858  | 1.02%  | 0.138% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.648 | 10.619 | 10.669 | VV | 9412   | 258760  | 0.51%  | 0.069% |
| 152 | 10.703 | 10.669 | 10.717 | VV | 12092  | 303836  | 0.60%  | 0.081% |
| 153 | 10.729 | 10.717 | 10.755 | VV | 11770  | 239526  | 0.47%  | 0.064% |
| 154 | 10.799 | 10.755 | 10.835 | VV | 113712 | 1770590 | 3.48%  | 0.470% |
| 155 | 10.870 | 10.835 | 10.902 | VV | 52061  | 1089491 | 2.14%  | 0.289% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.914 | 10.902 | 10.960 | VV | 13274  | 337838  | 0.66%  | 0.090% |
| 157 | 11.010 | 10.960 | 11.030 | VV | 9643   | 345441  | 0.68%  | 0.092% |
| 158 | 11.066 | 11.030 | 11.099 | VV | 24237  | 614847  | 1.21%  | 0.163% |
| 159 | 11.122 | 11.099 | 11.132 | VV | 18034  | 299855  | 0.59%  | 0.080% |
| 160 | 11.140 | 11.132 | 11.159 | VV | 17894  | 263043  | 0.52%  | 0.070% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.188 | 11.159 | 11.232 | VV | 20913  | 629232  | 1.24%  | 0.167% |
| 162 | 11.253 | 11.232 | 11.288 | VV | 15847  | 354837  | 0.70%  | 0.094% |
| 163 | 11.307 | 11.288 | 11.337 | VV | 13400  | 264588  | 0.52%  | 0.070% |
| 164 | 11.361 | 11.337 | 11.387 | VV | 8119   | 204595  | 0.40%  | 0.054% |
| 165 | 11.423 | 11.387 | 11.438 | VV | 8664   | 221966  | 0.44%  | 0.059% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.452 | 11.438 | 11.472 | VV | 8849   | 170497  | 0.34%  | 0.045% |
| 167 | 11.503 | 11.472 | 11.564 | VV | 92197  | 1495049 | 2.94%  | 0.397% |
| 168 | 11.593 | 11.564 | 11.631 | VV | 39079  | 715787  | 1.41%  | 0.190% |
| 169 | 11.658 | 11.631 | 11.678 | VV | 6462   | 149429  | 0.29%  | 0.040% |
| 170 | 11.700 | 11.678 | 11.719 | VV | 6556   | 126985  | 0.25%  | 0.034% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.746 | 11.719 | 11.758 | VV | 6186   | 128237  | 0.25%  | 0.034% |
| 172 | 11.821 | 11.758 | 11.878 | VV | 583088 | 7610884 | 14.96% | 2.021% |
| 173 | 11.899 | 11.878 | 11.921 | VV | 17430  | 336808  | 0.66%  | 0.089% |
| 174 | 11.937 | 11.921 | 11.960 | VV | 11930  | 207813  | 0.41%  | 0.055% |

|     |        |        |        |    |                 |          |         |         |
|-----|--------|--------|--------|----|-----------------|----------|---------|---------|
| 175 | 11.986 | 11.960 | 12.031 | VV | rteres<br>15453 | 381540   | 0.75%   | 0.101%  |
| 176 | 12.063 | 12.031 | 12.090 | VV | 12431           | 285368   | 0.56%   | 0.076%  |
| 177 | 12.106 | 12.090 | 12.121 | VV | 4724            | 79976    | 0.16%   | 0.021%  |
| 178 | 12.174 | 12.121 | 12.198 | VV | 76804           | 1179666  | 2.32%   | 0.313%  |
| 179 | 12.231 | 12.198 | 12.343 | VV | 637676          | 8023440  | 15.77%  | 2.131%  |
| 180 | 12.372 | 12.343 | 12.386 | VV | 4624            | 88818    | 0.17%   | 0.024%  |
| 181 | 12.436 | 12.386 | 12.472 | VV | 35896           | 654584   | 1.29%   | 0.174%  |
| 182 | 12.493 | 12.472 | 12.530 | VV | 9371            | 229157   | 0.45%   | 0.061%  |
| 183 | 12.557 | 12.530 | 12.575 | VV | 8331            | 181044   | 0.36%   | 0.048%  |
| 184 | 12.584 | 12.575 | 12.613 | VV | 9377            | 137303   | 0.27%   | 0.036%  |
| 185 | 12.647 | 12.613 | 12.679 | VV | 11987           | 282282   | 0.55%   | 0.075%  |
| 186 | 12.693 | 12.679 | 12.716 | VV | 6073            | 96490    | 0.19%   | 0.026%  |
| 187 | 12.746 | 12.716 | 12.753 | VV | 5137            | 88325    | 0.17%   | 0.023%  |
| 188 | 12.771 | 12.753 | 12.786 | VV | 6842            | 108525   | 0.21%   | 0.029%  |
| 189 | 12.813 | 12.786 | 12.853 | VV | 64041           | 928393   | 1.82%   | 0.247%  |
| 190 | 12.889 | 12.853 | 12.946 | VV | 30189           | 712360   | 1.40%   | 0.189%  |
| 191 | 12.958 | 12.946 | 13.031 | VV | 2837            | 73944    | 0.15%   | 0.020%  |
| 192 | 13.074 | 13.031 | 13.128 | VV | 4729            | 148797   | 0.29%   | 0.040%  |
| 193 | 13.138 | 13.128 | 13.159 | VV | 2664            | 27796    | 0.05%   | 0.007%  |
| 194 | 13.190 | 13.159 | 13.214 | PV | 24507           | 430699   | 0.85%   | 0.114%  |
| 195 | 13.270 | 13.214 | 13.298 | VV | 2631171         | 50873144 | 100.00% | 13.512% |
| 196 | 13.320 | 13.298 | 13.391 | VV | 1522226         | 19716858 | 38.76%  | 5.237%  |
| 197 | 13.430 | 13.391 | 13.449 | VV | 47644           | 737910   | 1.45%   | 0.196%  |
| 198 | 13.486 | 13.449 | 13.570 | VV | 282669          | 4116410  | 8.09%   | 1.093%  |
| 199 | 13.588 | 13.570 | 13.620 | VV | 4783            | 101547   | 0.20%   | 0.027%  |
| 200 | 13.651 | 13.620 | 13.721 | VV | 15214           | 434364   | 0.85%   | 0.115%  |
| 201 | 13.733 | 13.721 | 13.751 | VV | 2873            | 42266    | 0.08%   | 0.011%  |
| 202 | 13.782 | 13.751 | 13.835 | VV | 12552           | 342237   | 0.67%   | 0.091%  |
| 203 | 13.852 | 13.835 | 13.874 | VV | 5460            | 87601    | 0.17%   | 0.023%  |
| 204 | 13.907 | 13.874 | 13.944 | VV | 6133            | 188199   | 0.37%   | 0.050%  |
| 205 | 13.961 | 13.944 | 13.986 | VV | 4703            | 97256    | 0.19%   | 0.026%  |
| 206 | 14.013 | 13.986 | 14.042 | VV | 33335           | 494764   | 0.97%   | 0.131%  |
| 207 | 14.063 | 14.042 | 14.088 | VV | 7794            | 162788   | 0.32%   | 0.043%  |
| 208 | 14.127 | 14.088 | 14.197 | VV | 6037            | 204544   | 0.40%   | 0.054%  |
| 209 | 14.245 | 14.197 | 14.271 | PV | 7049            | 184025   | 0.36%   | 0.049%  |
| 210 | 14.307 | 14.271 | 14.361 | VV | 9646            | 316518   | 0.62%   | 0.084%  |
| 211 | 14.375 | 14.361 | 14.385 | VV | 3771            | 46779    | 0.09%   | 0.012%  |
| 212 | 14.422 | 14.385 | 14.442 | VV | 8876            | 201046   | 0.40%   | 0.053%  |
| 213 | 14.468 | 14.442 | 14.491 | VV | 14029           | 247700   | 0.49%   | 0.066%  |
| 214 | 14.507 | 14.491 | 14.547 | VV | 6763            | 141527   | 0.28%   | 0.038%  |
| 215 | 14.576 | 14.547 | 14.606 | VV | 24819           | 370416   | 0.73%   | 0.098%  |
| 216 | 14.636 | 14.606 | 14.681 | VV | 26974           | 499859   | 0.98%   | 0.133%  |
| 217 | 14.705 | 14.681 | 14.740 | VV | 4987            | 121536   | 0.24%   | 0.032%  |
| 218 | 14.776 | 14.740 | 14.849 | VV | 4613            | 208879   | 0.41%   | 0.055%  |
| 219 | 14.861 | 14.849 | 14.910 | VV | 1513            | 42513    | 0.08%   | 0.011%  |
| 220 | 14.928 | 14.910 | 14.941 | VV | 2841            | 34203    | 0.07%   | 0.009%  |
| 221 | 14.973 | 14.941 | 15.006 | VV | 2321            | 63078    | 0.12%   | 0.017%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 222 | 15.013 | 15.006 | 15.025 | VV | 1223   | 9523   | 0.02% | 0.003% |
| 223 | 15.082 | 15.025 | 15.094 | VV | 11227  | 180888 | 0.36% | 0.048% |
| 224 | 15.118 | 15.094 | 15.161 | VV | 28054  | 561508 | 1.10% | 0.149% |
| 225 | 15.173 | 15.161 | 15.221 | VV | 4748   | 127734 | 0.25% | 0.034% |
| 226 | 15.237 | 15.221 | 15.278 | VV | 3471   | 88720  | 0.17% | 0.024% |
| 227 | 15.312 | 15.278 | 15.351 | VV | 2918   | 63104  | 0.12% | 0.017% |
| 228 | 15.434 | 15.351 | 15.468 | PV | 1572   | 72622  | 0.14% | 0.019% |
| 229 | 15.512 | 15.468 | 15.611 | VV | 17223  | 419036 | 0.82% | 0.111% |
| 230 | 15.638 | 15.611 | 15.670 | PV | 11591  | 185319 | 0.36% | 0.049% |
| 231 | 15.699 | 15.670 | 15.738 | VV | 21658  | 329109 | 0.65% | 0.087% |
| 232 | 15.762 | 15.738 | 15.795 | VV | 4537   | 91994  | 0.18% | 0.024% |
| 233 | 15.817 | 15.795 | 15.834 | VV | 2179   | 35518  | 0.07% | 0.009% |
| 234 | 15.858 | 15.834 | 15.875 | VV | 1883   | 37441  | 0.07% | 0.010% |
| 235 | 15.903 | 15.875 | 15.923 | VV | 3019   | 64578  | 0.13% | 0.017% |
| 236 | 15.948 | 15.923 | 16.005 | VV | 3223   | 123294 | 0.24% | 0.033% |
| 237 | 16.037 | 16.005 | 16.048 | VV | 2577   | 54462  | 0.11% | 0.014% |
| 238 | 16.061 | 16.048 | 16.071 | VV | 2359   | 30463  | 0.06% | 0.008% |
| 239 | 16.140 | 16.071 | 16.171 | VV | 12136  | 280232 | 0.55% | 0.074% |
| 240 | 16.203 | 16.171 | 16.250 | VV | 6196   | 174452 | 0.34% | 0.046% |
| 241 | 16.265 | 16.250 | 16.275 | VV | 2365   | 30872  | 0.06% | 0.008% |
| 242 | 16.322 | 16.275 | 16.365 | VV | 4906   | 174762 | 0.34% | 0.046% |
| 243 | 16.436 | 16.365 | 16.445 | VV | 5690   | 190529 | 0.37% | 0.051% |
| 244 | 16.460 | 16.445 | 16.478 | VV | 5262   | 102460 | 0.20% | 0.027% |
| 245 | 16.481 | 16.478 | 16.491 | VV | 5057   | 36921  | 0.07% | 0.010% |
| 246 | 16.534 | 16.491 | 16.564 | VV | 8878   | 286515 | 0.56% | 0.076% |
| 247 | 16.580 | 16.564 | 16.595 | VV | 5911   | 104089 | 0.20% | 0.028% |
| 248 | 16.626 | 16.595 | 16.639 | VV | 15153  | 281768 | 0.55% | 0.075% |
| 249 | 16.687 | 16.639 | 16.732 | VV | 19160  | 790895 | 1.55% | 0.210% |
| 250 | 16.789 | 16.732 | 16.811 | VV | 10782  | 464895 | 0.91% | 0.123% |
| 251 | 16.848 | 16.811 | 16.868 | VV | 10197  | 325435 | 0.64% | 0.086% |
| 252 | 16.919 | 16.868 | 16.936 | VV | 11061  | 370224 | 0.73% | 0.098% |
| 253 | 16.946 | 16.936 | 16.953 | VV | 10068  | 103838 | 0.20% | 0.028% |
| 254 | 16.976 | 16.953 | 17.020 | VV | 13443  | 445212 | 0.88% | 0.118% |
| 255 | 17.058 | 17.020 | 17.071 | VV | 15355  | 410353 | 0.81% | 0.109% |
| 256 | 17.092 | 17.071 | 17.120 | VV | 20632  | 513961 | 1.01% | 0.137% |
| 257 | 17.136 | 17.120 | 17.154 | VV | 15797  | 299592 | 0.59% | 0.080% |
| 258 | 17.165 | 17.154 | 17.214 | VV | 14005  | 446711 | 0.88% | 0.119% |
| 259 | 17.273 | 17.214 | 17.295 | VV | 14631  | 632456 | 1.24% | 0.168% |
| 260 | 17.324 | 17.295 | 17.361 | VV | 16233  | 580149 | 1.14% | 0.154% |
| 261 | 17.409 | 17.361 | 17.444 | VV | 17892  | 808195 | 1.59% | 0.215% |
| 262 | 17.475 | 17.444 | 17.517 | VV | 20240  | 780438 | 1.53% | 0.207% |
| 263 | 17.543 | 17.517 | 17.591 | VV | 25161  | 874813 | 1.72% | 0.232% |
| 264 | 17.605 | 17.591 | 17.621 | VV | 17748  | 301608 | 0.59% | 0.080% |
| 265 | 17.650 | 17.621 | 17.681 | VV | 19696  | 649891 | 1.28% | 0.173% |
| 266 | 17.725 | 17.681 | 17.734 | VV | 18511  | 568964 | 1.12% | 0.151% |
| 267 | 17.747 | 17.734 | 17.764 | VV | 18660  | 333897 | 0.66% | 0.089% |
| 268 | 17.813 | 17.764 | 17.833 | VV | 20119  | 770073 | 1.51% | 0.205% |
| 269 | 17.881 | 17.833 | 17.890 | VV | 21432  | 701600 | 1.38% | 0.186% |

|     |        |        |        |    |                 |          |        |        |
|-----|--------|--------|--------|----|-----------------|----------|--------|--------|
| 270 | 17.980 | 17.890 | 18.036 | VV | rteres<br>32385 | 2175355  | 4.28%  | 0.578% |
| 271 | 18.075 | 18.036 | 18.085 | VV | 25745           | 712121   | 1.40%  | 0.189% |
| 272 | 18.116 | 18.085 | 18.178 | VV | 36801           | 1700870  | 3.34%  | 0.452% |
| 273 | 18.197 | 18.178 | 18.228 | VV | 27166           | 801063   | 1.57%  | 0.213% |
| 274 | 18.302 | 18.228 | 18.317 | VV | 30316           | 1495622  | 2.94%  | 0.397% |
| 275 | 18.358 | 18.317 | 18.384 | VV | 40396           | 1406742  | 2.77%  | 0.374% |
| 276 | 18.406 | 18.384 | 18.438 | VV | 41175           | 1194941  | 2.35%  | 0.317% |
| 277 | 18.485 | 18.438 | 18.505 | VV | 43097           | 1518601  | 2.99%  | 0.403% |
| 278 | 18.513 | 18.505 | 18.544 | VV | 38222           | 863637   | 1.70%  | 0.229% |
| 279 | 18.567 | 18.544 | 18.594 | VV | 37117           | 1105534  | 2.17%  | 0.294% |
| 280 | 18.631 | 18.594 | 18.664 | VV | 38327           | 1581202  | 3.11%  | 0.420% |
| 281 | 18.698 | 18.664 | 18.721 | VV | 41287           | 1350716  | 2.66%  | 0.359% |
| 282 | 18.730 | 18.721 | 18.747 | VV | 40239           | 616414   | 1.21%  | 0.164% |
| 283 | 18.813 | 18.747 | 18.873 | VV | 52850           | 3346828  | 6.58%  | 0.889% |
| 284 | 18.908 | 18.873 | 18.927 | VV | 51150           | 1494069  | 2.94%  | 0.397% |
| 285 | 18.957 | 18.927 | 18.984 | VV | 54028           | 1706782  | 3.35%  | 0.453% |
| 286 | 19.003 | 18.984 | 19.055 | VV | 49736           | 2046781  | 4.02%  | 0.544% |
| 287 | 19.089 | 19.055 | 19.131 | VV | 51684           | 2278342  | 4.48%  | 0.605% |
| 288 | 19.142 | 19.131 | 19.150 | VV | 52165           | 566323   | 1.11%  | 0.150% |
| 289 | 19.189 | 19.150 | 19.197 | VV | 64181           | 1668134  | 3.28%  | 0.443% |
| 290 | 19.223 | 19.197 | 19.268 | VV | 67079           | 2672742  | 5.25%  | 0.710% |
| 291 | 19.309 | 19.268 | 19.319 | VV | 60691           | 1780378  | 3.50%  | 0.473% |
| 292 | 19.333 | 19.319 | 19.358 | VV | 59692           | 1375699  | 2.70%  | 0.365% |
| 293 | 19.397 | 19.358 | 19.422 | VV | 63397           | 2310643  | 4.54%  | 0.614% |
| 294 | 19.438 | 19.422 | 19.461 | VV | 60248           | 1403723  | 2.76%  | 0.373% |
| 295 | 19.517 | 19.461 | 19.531 | VV | 63355           | 2553280  | 5.02%  | 0.678% |
| 296 | 19.613 | 19.531 | 19.658 | VV | 74465           | 5120556  | 10.07% | 1.360% |
| 297 | 19.715 | 19.658 | 19.730 | VV | 71075           | 2900794  | 5.70%  | 0.770% |
| 298 | 19.743 | 19.730 | 19.759 | VV | 71693           | 1220947  | 2.40%  | 0.324% |
| 299 | 19.767 | 19.759 | 19.776 | VV | 71038           | 755701   | 1.49%  | 0.201% |
| 300 | 19.884 | 19.776 | 19.901 | VV | 83142           | 5770663  | 11.34% | 1.533% |
| 301 | 19.984 | 19.901 | 20.057 | VV | 95204           | 8286778  | 16.29% | 2.201% |
| 302 | 20.121 | 20.057 | 20.130 | VV | 95394           | 3976086  | 7.82%  | 1.056% |
| 303 | 20.139 | 20.130 | 20.171 | VV | 96113           | 2282925  | 4.49%  | 0.606% |
| 304 | 20.203 | 20.171 | 20.210 | VV | 95810           | 2195381  | 4.32%  | 0.583% |
| 305 | 20.251 | 20.210 | 20.271 | VV | 103262          | 3687784  | 7.25%  | 0.979% |
| 306 | 20.291 | 20.271 | 20.300 | VV | 103770          | 1790401  | 3.52%  | 0.476% |
| 307 | 20.347 | 20.300 | 20.381 | VV | 114744          | 5229932  | 10.28% | 1.389% |
| 308 | 20.412 | 20.381 | 20.422 | VV | 107641          | 2587976  | 5.09%  | 0.687% |
| 309 | 20.553 | 20.422 | 20.578 | VV | 120752          | 10580179 | 20.80% | 2.810% |
| 310 | 20.593 | 20.578 | 20.611 | VV | 121212          | 2368737  | 4.66%  | 0.629% |
| 311 | 20.634 | 20.611 | 20.677 | VV | 121583          | 4732097  | 9.30%  | 1.257% |
| 312 | 20.704 | 20.677 | 20.765 | VV | 127038          | 6380845  | 12.54% | 1.695% |
| 313 | 20.773 | 20.765 | 20.781 | VV | 123633          | 1225571  | 2.41%  | 0.326% |
| 314 | 20.814 | 20.781 | 20.900 | VV | 129736          | 8782165  | 17.26% | 2.333% |
| 315 | 20.920 | 20.900 | 20.958 | VV | 118694          | 3987405  | 7.84%  | 1.059% |
| 316 | 21.001 | 20.958 | 21.035 | VV | 118323          | 5330407  | 10.48% | 1.416% |

|     |        |        |        |     |                                   |         |        |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|--------|--------|
|     |        |        |        |     | rteres                            |         |        |        |
| 317 | 21.074 | 21.035 | 21.101 | VV  | 123917                            | 4747603 | 9.33%  | 1.261% |
| 318 | 21.111 | 21.101 | 21.198 | VV  | 120935                            | 6761858 | 13.29% | 1.796% |
| 319 | 21.211 | 21.198 | 21.238 | VV  | 111027                            | 2622631 | 5.16%  | 0.697% |
| 320 | 21.354 | 21.238 | 21.364 | VV  | 116544                            | 8412512 | 16.54% | 2.234% |
| 321 | 21.379 | 21.364 | 21.418 | VV  | 117969                            | 3698503 | 7.27%  | 0.982% |
| 322 | 21.433 | 21.418 | 21.471 | VV  | 110963                            | 3478296 | 6.84%  | 0.924% |
| 323 | 21.478 | 21.471 | 21.534 | VV  | 109460                            | 3920000 | 7.71%  | 1.041% |
| 324 | 21.639 | 21.534 | 21.665 | VV  | 104693                            | 7815690 | 15.36% | 2.076% |
| 325 | 21.678 | 21.665 | 21.762 | VV  | 105982                            | 5927766 | 11.65% | 1.574% |
| 326 | 21.780 | 21.762 | 21.826 | VV  | 97494                             | 3637580 | 7.15%  | 0.966% |
| 327 | 21.834 | 21.826 | 21.858 | VV  | 93402                             | 1770450 | 3.48%  | 0.470% |
| 328 | 21.903 | 21.858 | 21.915 | VV  | 93091                             | 3137397 | 6.17%  | 0.833% |
| 329 | 21.981 | 21.915 | 21.994 | VV  | 105678                            | 4731827 | 9.30%  | 1.257% |
| 330 | 21.998 | 21.994 | 22.038 | VV  | 103235                            | 2574984 | 5.06%  | 0.684% |
| 331 | 22.040 | 22.038 | 22.098 | VV  | 97417                             | 3302397 | 6.49%  | 0.877% |
| 332 | 22.127 | 22.098 | 22.168 | VV  | 89216                             | 3617279 | 7.11%  | 0.961% |
| 333 | 22.178 | 22.168 | 22.201 | VV  | 82343                             | 1628348 | 3.20%  | 0.432% |
| 334 | 22.276 | 22.201 | 22.301 | VBA | 87310                             | 5203802 | 10.23% | 1.382% |
|     |        |        |        |     | Sum of corrected areas: 376508354 |         |        |        |

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