

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020122AL\  
Data File : FC058225.D  
Signal(s) : FID1A.CH  
Acq On : 01 Feb 2022 14:49  
Sample : N1303-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.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         | 2.048       | 2.005        | 2.086      | BV       | 3437           | -81095       | -1.18%         | -0.041%       |
| 2         | 2.098       | 2.086        | 2.129      | PV       | 520            | 4947         | 0.07%          | 0.003%        |
| 3         | 2.171       | 2.129        | 2.190      | PV       | 10589          | 93446        | 1.36%          | 0.048%        |
| 4         | 2.201       | 2.190        | 2.214      | VV       | 692            | 5888         | 0.09%          | 0.003%        |
| 5         | 2.232       | 2.214        | 2.262      | PV       | 10832          | 99958        | 1.46%          | 0.051%        |
| 6         | 2.273       | 2.262        | 2.284      | VV       | 3026           | 24135        | 0.35%          | 0.012%        |
| 7         | 2.303       | 2.284        | 2.326      | VV       | 15685          | 170685       | 2.49%          | 0.087%        |
| 8         | 2.367       | 2.326        | 2.390      | VV       | 27876          | 282996       | 4.13%          | 0.144%        |
| 9         | 2.422       | 2.390        | 2.455      | VV       | 7589           | 134507       | 1.96%          | 0.068%        |
| 10        | 2.479       | 2.455        | 2.491      | VV       | 39544          | 392599       | 5.73%          | 0.200%        |
| 11        | 2.500       | 2.491        | 2.531      | VV       | 27535          | 230613       | 3.37%          | 0.117%        |
| 12        | 2.539       | 2.531        | 2.570      | VV       | 2879           | 31733        | 0.46%          | 0.016%        |
| 13        | 2.591       | 2.570        | 2.601      | PV       | 5573           | 47446        | 0.69%          | 0.024%        |
| 14        | 2.626       | 2.601        | 2.639      | VV       | 73861          | 644640       | 9.41%          | 0.328%        |
| 15        | 2.651       | 2.639        | 2.702      | VV       | 47076          | 507556       | 7.41%          | 0.258%        |
| 16        | 2.719       | 2.702        | 2.727      | VV       | 2064           | 16173        | 0.24%          | 0.008%        |
| 17        | 2.749       | 2.727        | 2.790      | VV       | 46827          | 698761       | 10.20%         | 0.356%        |
| 18        | 2.807       | 2.790        | 2.838      | VV       | 50004          | 616207       | 9.00%          | 0.314%        |
| 19        | 2.873       | 2.838        | 2.899      | VV       | 114403         | 1404799      | 20.51%         | 0.715%        |
| 20        | 2.919       | 2.899        | 2.939      | VV       | 38504          | 543719       | 7.94%          | 0.277%        |
| 21        | 2.963       | 2.939        | 3.008      | VV       | 156515         | 2289344      | 33.43%         | 1.165%        |
| 22        | 3.031       | 3.008        | 3.046      | VV       | 98548          | 1195624      | 17.46%         | 0.609%        |
| 23        | 3.054       | 3.046        | 3.067      | VV       | 30756          | 266229       | 3.89%          | 0.136%        |
| 24        | 3.082       | 3.067        | 3.107      | VV       | 44466          | 538917       | 7.87%          | 0.274%        |
| 25        | 3.126       | 3.107        | 3.141      | VV       | 95587          | 829436       | 12.11%         | 0.422%        |
| 26        | 3.163       | 3.141        | 3.207      | VV       | 95971          | 2012602      | 29.39%         | 1.025%        |
| 27        | 3.236       | 3.207        | 3.251      | VV       | 176477         | 2027855      | 29.61%         | 1.032%        |
| 28        | 3.264       | 3.251        | 3.281      | VV       | 106881         | 1169234      | 17.07%         | 0.595%        |
| 29        | 3.299       | 3.281        | 3.311      | VV       | 79408          | 1050153      | 15.34%         | 0.535%        |
| 30        | 3.328       | 3.311        | 3.349      | VV       | 139249         | 1573702      | 22.98%         | 0.801%        |
| 31        | 3.408       | 3.349        | 3.421      | VV       | 128518         | 2108464      | 30.79%         | 1.073%        |
| 32        | 3.434       | 3.421        | 3.457      | VV       | 133387         | 1685328      | 24.61%         | 0.858%        |
| 33        | 3.468       | 3.457        | 3.505      | VV       | 57349          | 906033       | 13.23%         | 0.461%        |
| 34        | 3.536       | 3.505        | 3.554      | VV       | 85407          | 1279434      | 18.68%         | 0.651%        |
| 35        | 3.574       | 3.554        | 3.592      | VV       | 69368          | 1100961      | 16.08%         | 0.560%        |
| 36        | 3.615       | 3.592        | 3.667      | VV       | 418434         | 4913914      | 71.76%         | 2.502%        |

| rteres |       |       |       |    |        |         |         |        |
|--------|-------|-------|-------|----|--------|---------|---------|--------|
| 37     | 3.682 | 3.667 | 3.710 | VV | 63939  | 952885  | 13.92%  | 0.485% |
| 38     | 3.725 | 3.710 | 3.741 | VV | 25339  | 414509  | 6.05%   | 0.211% |
| 39     | 3.772 | 3.741 | 3.791 | VV | 90340  | 1749896 | 25.55%  | 0.891% |
| 40     | 3.807 | 3.791 | 3.819 | VV | 135462 | 1598515 | 23.34%  | 0.814% |
| 41     | 3.830 | 3.819 | 3.842 | VV | 114470 | 1210659 | 17.68%  | 0.616% |
| 42     | 3.859 | 3.842 | 3.875 | VV | 453498 | 4437079 | 64.80%  | 2.259% |
| 43     | 3.888 | 3.875 | 3.901 | VV | 215874 | 2240313 | 32.72%  | 1.141% |
| 44     | 3.910 | 3.901 | 3.923 | VV | 119736 | 1323753 | 19.33%  | 0.674% |
| 45     | 3.933 | 3.923 | 3.950 | VV | 120250 | 1349045 | 19.70%  | 0.687% |
| 46     | 3.973 | 3.950 | 3.990 | VV | 130845 | 1883452 | 27.50%  | 0.959% |
| 47     | 4.010 | 3.990 | 4.033 | VV | 161255 | 2430408 | 35.49%  | 1.237% |
| 48     | 4.070 | 4.033 | 4.096 | VV | 219612 | 3273004 | 47.80%  | 1.666% |
| 49     | 4.116 | 4.096 | 4.130 | VV | 67856  | 1021416 | 14.92%  | 0.520% |
| 50     | 4.153 | 4.130 | 4.172 | VV | 82296  | 1504981 | 21.98%  | 0.766% |
| 51     | 4.202 | 4.172 | 4.216 | VV | 175338 | 2295036 | 33.52%  | 1.168% |
| 52     | 4.231 | 4.216 | 4.252 | VV | 173219 | 2268869 | 33.13%  | 1.155% |
| 53     | 4.270 | 4.252 | 4.295 | VV | 166052 | 2415168 | 35.27%  | 1.230% |
| 54     | 4.329 | 4.295 | 4.368 | VV | 172961 | 3534558 | 51.62%  | 1.799% |
| 55     | 4.384 | 4.368 | 4.404 | VV | 50478  | 859997  | 12.56%  | 0.438% |
| 56     | 4.424 | 4.404 | 4.453 | VV | 127684 | 2262170 | 33.04%  | 1.152% |
| 57     | 4.480 | 4.453 | 4.495 | VV | 86603  | 1679861 | 24.53%  | 0.855% |
| 58     | 4.510 | 4.495 | 4.524 | VV | 87657  | 1084825 | 15.84%  | 0.552% |
| 59     | 4.538 | 4.524 | 4.558 | VV | 81529  | 1302483 | 19.02%  | 0.663% |
| 60     | 4.568 | 4.558 | 4.586 | VV | 53732  | 766724  | 11.20%  | 0.390% |
| 61     | 4.620 | 4.586 | 4.668 | VV | 508060 | 6847761 | 100.00% | 3.486% |
| 62     | 4.688 | 4.668 | 4.700 | VV | 51934  | 770554  | 11.25%  | 0.392% |
| 63     | 4.706 | 4.700 | 4.722 | VV | 42441  | 475421  | 6.94%   | 0.242% |
| 64     | 4.739 | 4.722 | 4.747 | VV | 41473  | 543144  | 7.93%   | 0.277% |
| 65     | 4.760 | 4.747 | 4.774 | VV | 45020  | 685398  | 10.01%  | 0.349% |
| 66     | 4.797 | 4.774 | 4.835 | VV | 155056 | 2787769 | 40.71%  | 1.419% |
| 67     | 4.862 | 4.835 | 4.880 | VV | 50190  | 1015279 | 14.83%  | 0.517% |
| 68     | 4.904 | 4.880 | 4.940 | VV | 121439 | 2371461 | 34.63%  | 1.207% |
| 69     | 4.958 | 4.940 | 4.988 | VV | 57797  | 941740  | 13.75%  | 0.479% |
| 70     | 5.017 | 4.988 | 5.041 | VV | 36798  | 868496  | 12.68%  | 0.442% |
| 71     | 5.064 | 5.041 | 5.084 | VV | 39728  | 599092  | 8.75%   | 0.305% |
| 72     | 5.113 | 5.084 | 5.132 | VV | 42028  | 775299  | 11.32%  | 0.395% |
| 73     | 5.161 | 5.132 | 5.187 | VV | 68330  | 1323862 | 19.33%  | 0.674% |
| 74     | 5.205 | 5.187 | 5.225 | VV | 49765  | 667981  | 9.75%   | 0.340% |
| 75     | 5.248 | 5.225 | 5.274 | VV | 59731  | 924363  | 13.50%  | 0.471% |
| 76     | 5.308 | 5.274 | 5.358 | VV | 46932  | 1106062 | 16.15%  | 0.563% |
| 77     | 5.392 | 5.358 | 5.406 | VV | 21564  | 452994  | 6.62%   | 0.231% |
| 78     | 5.421 | 5.406 | 5.446 | VV | 21417  | 423038  | 6.18%   | 0.215% |
| 79     | 5.465 | 5.446 | 5.491 | VV | 27440  | 511042  | 7.46%   | 0.260% |
| 80     | 5.511 | 5.491 | 5.526 | VV | 16005  | 286906  | 4.19%   | 0.146% |
| 81     | 5.536 | 5.526 | 5.561 | VV | 13460  | 258360  | 3.77%   | 0.132% |
| 82     | 5.585 | 5.561 | 5.633 | VV | 124775 | 1551228 | 22.65%  | 0.790% |
| 83     | 5.642 | 5.633 | 5.657 | VV | 8299   | 108364  | 1.58%   | 0.055% |
| 84     | 5.675 | 5.657 | 5.691 | VV | 9199   | 166465  | 2.43%   | 0.085% |
| 85     | 5.731 | 5.691 | 5.754 | VV | 63779  | 872989  | 12.75%  | 0.444% |
| 86     | 5.766 | 5.754 | 5.788 | VV | 13881  | 203199  | 2.97%   | 0.103% |
| 87     | 5.801 | 5.788 | 5.825 | VV | 10661  | 163964  | 2.39%   | 0.083% |
| 88     | 5.858 | 5.825 | 5.875 | VV | 7309   | 188746  | 2.76%   | 0.096% |
| 89     | 5.898 | 5.875 | 5.922 | VV | 13907  | 241335  | 3.52%   | 0.123% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 5.934 | 5.922 | 5.949 | VV | 7669   | 97422  | 1.42% | 0.050% |
| 91  | 5.963 | 5.949 | 6.004 | VV | 7005   | 160834 | 2.35% | 0.082% |
| 92  | 6.033 | 6.004 | 6.053 | VV | 6141   | 140760 | 2.06% | 0.072% |
| 93  | 6.079 | 6.053 | 6.115 | VV | 9165   | 250196 | 3.65% | 0.127% |
| 94  | 6.136 | 6.115 | 6.160 | VV | 9273   | 153631 | 2.24% | 0.078% |
| 95  | 6.181 | 6.160 | 6.218 | VV | 9370   | 181494 | 2.65% | 0.092% |
| 96  | 6.236 | 6.218 | 6.255 | VV | 6725   | 96375  | 1.41% | 0.049% |
| 97  | 6.279 | 6.255 | 6.313 | VV | 19024  | 268139 | 3.92% | 0.137% |
| 98  | 6.332 | 6.313 | 6.345 | VV | 3461   | 58642  | 0.86% | 0.030% |
| 99  | 6.374 | 6.345 | 6.392 | VV | 5534   | 115704 | 1.69% | 0.059% |
| 100 | 6.417 | 6.392 | 6.432 | VV | 3196   | 71525  | 1.04% | 0.036% |
| 101 | 6.461 | 6.432 | 6.478 | VV | 3479   | 80934  | 1.18% | 0.041% |
| 102 | 6.499 | 6.478 | 6.527 | VV | 24021  | 289782 | 4.23% | 0.148% |
| 103 | 6.550 | 6.527 | 6.570 | VV | 2406   | 56810  | 0.83% | 0.029% |
| 104 | 6.588 | 6.570 | 6.602 | VV | 3005   | 46462  | 0.68% | 0.024% |
| 105 | 6.620 | 6.602 | 6.642 | VV | 2867   | 60362  | 0.88% | 0.031% |
| 106 | 6.669 | 6.642 | 6.696 | VV | 4930   | 90188  | 1.32% | 0.046% |
| 107 | 6.710 | 6.696 | 6.731 | VV | 1499   | 27208  | 0.40% | 0.014% |
| 108 | 6.758 | 6.731 | 6.792 | VV | 2793   | 63742  | 0.93% | 0.032% |
| 109 | 6.830 | 6.792 | 6.846 | VV | 3016   | 60138  | 0.88% | 0.031% |
| 110 | 6.860 | 6.846 | 6.891 | VV | 2139   | 41122  | 0.60% | 0.021% |
| 111 | 6.918 | 6.891 | 6.932 | VV | 2165   | 40251  | 0.59% | 0.020% |
| 112 | 6.951 | 6.932 | 6.998 | VV | 2677   | 71384  | 1.04% | 0.036% |
| 113 | 7.016 | 6.998 | 7.037 | VV | 2441   | 37448  | 0.55% | 0.019% |
| 114 | 7.061 | 7.037 | 7.082 | VV | 4964   | 67482  | 0.99% | 0.034% |
| 115 | 7.117 | 7.082 | 7.136 | VV | 4080   | 66528  | 0.97% | 0.034% |
| 116 | 7.151 | 7.136 | 7.165 | VV | 1438   | 18082  | 0.26% | 0.009% |
| 117 | 7.185 | 7.165 | 7.207 | VV | 7061   | 84948  | 1.24% | 0.043% |
| 118 | 7.227 | 7.207 | 7.251 | VV | 1696   | 32714  | 0.48% | 0.017% |
| 119 | 7.271 | 7.251 | 7.290 | VV | 2144   | 29816  | 0.44% | 0.015% |
| 120 | 7.318 | 7.290 | 7.337 | VV | 1501   | 31711  | 0.46% | 0.016% |
| 121 | 7.364 | 7.337 | 7.393 | VV | 14798  | 183715 | 2.68% | 0.094% |
| 122 | 7.411 | 7.393 | 7.433 | VV | 2062   | 35323  | 0.52% | 0.018% |
| 123 | 7.459 | 7.433 | 7.490 | VV | 1858   | 47362  | 0.69% | 0.024% |
| 124 | 7.508 | 7.490 | 7.530 | VV | 2932   | 42872  | 0.63% | 0.022% |
| 125 | 7.557 | 7.530 | 7.581 | VV | 1234   | 28780  | 0.42% | 0.015% |
| 126 | 7.596 | 7.581 | 7.621 | VV | 1237   | 23774  | 0.35% | 0.012% |
| 127 | 7.655 | 7.621 | 7.672 | VV | 883    | 22180  | 0.32% | 0.011% |
| 128 | 7.714 | 7.672 | 7.755 | VV | 1629   | 54674  | 0.80% | 0.028% |
| 129 | 7.778 | 7.755 | 7.789 | VV | 1676   | 27379  | 0.40% | 0.014% |
| 130 | 7.805 | 7.789 | 7.831 | VV | 2586   | 45083  | 0.66% | 0.023% |
| 131 | 7.851 | 7.831 | 7.878 | VV | 2035   | 45911  | 0.67% | 0.023% |
| 132 | 7.896 | 7.878 | 7.930 | VV | 8083   | 110411 | 1.61% | 0.056% |
| 133 | 7.963 | 7.930 | 7.994 | VV | 1788   | 41380  | 0.60% | 0.021% |
| 134 | 8.015 | 7.994 | 8.027 | VV | 930    | 13428  | 0.20% | 0.007% |
| 135 | 8.042 | 8.027 | 8.061 | VV | 1143   | 16356  | 0.24% | 0.008% |
| 136 | 8.091 | 8.061 | 8.100 | VV | 1478   | 26189  | 0.38% | 0.013% |
| 137 | 8.116 | 8.100 | 8.156 | VV | 1939   | 52843  | 0.77% | 0.027% |
| 138 | 8.181 | 8.156 | 8.241 | VV | 9714   | 159581 | 2.33% | 0.081% |
| 139 | 8.264 | 8.241 | 8.284 | VV | 1444   | 22498  | 0.33% | 0.011% |
| 140 | 8.317 | 8.284 | 8.346 | VV | 982    | 21264  | 0.31% | 0.011% |
| 141 | 8.372 | 8.346 | 8.401 | VV | 1054   | 21143  | 0.31% | 0.011% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.414  | 8.401  | 8.428  | VV | 680    | 9350   | 0.14% | 0.005% |
| 143 | 8.473  | 8.428  | 8.515  | VV | 1172   | 34041  | 0.50% | 0.017% |
| 144 | 8.548  | 8.515  | 8.582  | VV | 3471   | 63231  | 0.92% | 0.032% |
| 145 | 8.597  | 8.582  | 8.608  | VV | 950    | 11760  | 0.17% | 0.006% |
| 146 | 8.633  | 8.608  | 8.661  | VV | 1559   | 31763  | 0.46% | 0.016% |
| 147 | 8.683  | 8.661  | 8.700  | VV | 1741   | 24698  | 0.36% | 0.013% |
| 148 | 8.711  | 8.700  | 8.721  | VV | 1095   | 12575  | 0.18% | 0.006% |
| 149 | 8.733  | 8.721  | 8.807  | VV | 1682   | 27523  | 0.40% | 0.014% |
| 150 | 8.825  | 8.807  | 8.837  | PV | 277    | 2341   | 0.03% | 0.001% |
| 151 | 8.875  | 8.837  | 8.886  | VV | 884    | 13747  | 0.20% | 0.007% |
| 152 | 8.906  | 8.886  | 8.929  | VV | 1166   | 23548  | 0.34% | 0.012% |
| 153 | 8.953  | 8.929  | 8.998  | VV | 7924   | 102270 | 1.49% | 0.052% |
| 154 | 9.025  | 8.998  | 9.040  | VV | 977    | 18596  | 0.27% | 0.009% |
| 155 | 9.053  | 9.040  | 9.095  | VV | 1014   | 19538  | 0.29% | 0.010% |
| 156 | 9.104  | 9.095  | 9.115  | VV | 421    | 3679   | 0.05% | 0.002% |
| 157 | 9.121  | 9.115  | 9.144  | VV | 379    | 3620   | 0.05% | 0.002% |
| 158 | 9.164  | 9.144  | 9.208  | PV | 247    | 5609   | 0.08% | 0.003% |
| 159 | 9.234  | 9.208  | 9.250  | VV | 415    | 6144   | 0.09% | 0.003% |
| 160 | 9.298  | 9.250  | 9.310  | VV | 813    | 13969  | 0.20% | 0.007% |
| 161 | 9.339  | 9.310  | 9.365  | VV | 4970   | 80279  | 1.17% | 0.041% |
| 162 | 9.387  | 9.365  | 9.404  | VV | 1072   | 17866  | 0.26% | 0.009% |
| 163 | 9.432  | 9.404  | 9.458  | VV | 1562   | 27418  | 0.40% | 0.014% |
| 164 | 9.481  | 9.458  | 9.508  | VV | 1178   | 17127  | 0.25% | 0.009% |
| 165 | 9.551  | 9.508  | 9.560  | VV | 532    | 7120   | 0.10% | 0.004% |
| 166 | 9.619  | 9.560  | 9.642  | VV | 859    | 21728  | 0.32% | 0.011% |
| 167 | 9.688  | 9.642  | 9.724  | VV | 7086   | 101660 | 1.48% | 0.052% |
| 168 | 9.759  | 9.724  | 9.787  | VV | 7873   | 116502 | 1.70% | 0.059% |
| 169 | 9.806  | 9.787  | 9.846  | VV | 1153   | 23660  | 0.35% | 0.012% |
| 170 | 9.875  | 9.846  | 9.890  | VV | 545    | 9308   | 0.14% | 0.005% |
| 171 | 9.907  | 9.890  | 9.932  | VV | 791    | 13473  | 0.20% | 0.007% |
| 172 | 9.945  | 9.932  | 9.974  | VV | 556    | 9982   | 0.15% | 0.005% |
| 173 | 10.010 | 9.974  | 10.022 | VV | 1051   | 20544  | 0.30% | 0.010% |
| 174 | 10.029 | 10.022 | 10.044 | VV | 1020   | 11553  | 0.17% | 0.006% |
| 175 | 10.077 | 10.044 | 10.105 | VV | 1703   | 40904  | 0.60% | 0.021% |
| 176 | 10.110 | 10.105 | 10.128 | VV | 882    | 10432  | 0.15% | 0.005% |
| 177 | 10.140 | 10.128 | 10.162 | VV | 961    | 12071  | 0.18% | 0.006% |
| 178 | 10.193 | 10.162 | 10.231 | VV | 1036   | 23564  | 0.34% | 0.012% |
| 179 | 10.250 | 10.231 | 10.281 | VV | 513    | 10158  | 0.15% | 0.005% |
| 180 | 10.318 | 10.281 | 10.356 | VV | 1988   | 41839  | 0.61% | 0.021% |
| 181 | 10.387 | 10.356 | 10.424 | VV | 6213   | 96009  | 1.40% | 0.049% |
| 182 | 10.476 | 10.424 | 10.524 | VV | 6345   | 116837 | 1.71% | 0.059% |
| 183 | 10.541 | 10.524 | 10.554 | VV | 692    | 8899   | 0.13% | 0.005% |
| 184 | 10.577 | 10.554 | 10.591 | VV | 878    | 13631  | 0.20% | 0.007% |
| 185 | 10.605 | 10.591 | 10.638 | VV | 806    | 16978  | 0.25% | 0.009% |
| 186 | 10.666 | 10.638 | 10.706 | VV | 2048   | 55444  | 0.81% | 0.028% |
| 187 | 10.717 | 10.706 | 10.728 | VV | 1168   | 14191  | 0.21% | 0.007% |
| 188 | 10.740 | 10.728 | 10.752 | VV | 1233   | 16451  | 0.24% | 0.008% |
| 189 | 10.776 | 10.752 | 10.805 | VV | 3022   | 52661  | 0.77% | 0.027% |
| 190 | 10.829 | 10.805 | 10.848 | VV | 1950   | 36525  | 0.53% | 0.019% |
| 191 | 10.866 | 10.848 | 10.915 | VV | 1453   | 41291  | 0.60% | 0.021% |
| 192 | 10.946 | 10.915 | 10.965 | VV | 1170   | 29923  | 0.44% | 0.015% |
| 193 | 10.984 | 10.965 | 11.000 | VV | 1671   | 29312  | 0.43% | 0.015% |
| 194 | 11.052 | 11.000 | 11.069 | VV | 5596   | 131610 | 1.92% | 0.067% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.076 | 11.069 | 11.105 | VV | 3309   | 47212   | 0.69%  | 0.024% |
| 196 | 11.123 | 11.105 | 11.141 | VV | 2465   | 41123   | 0.60%  | 0.021% |
| 197 | 11.162 | 11.141 | 11.188 | VV | 4618   | 82783   | 1.21%  | 0.042% |
| 198 | 11.199 | 11.188 | 11.228 | VV | 2427   | 45867   | 0.67%  | 0.023% |
| 199 | 11.245 | 11.228 | 11.257 | VV | 2268   | 33610   | 0.49%  | 0.017% |
| 200 | 11.310 | 11.257 | 11.349 | VV | 10334  | 247228  | 3.61%  | 0.126% |
| 201 | 11.363 | 11.349 | 11.378 | VV | 1930   | 26299   | 0.38%  | 0.013% |
| 202 | 11.404 | 11.378 | 11.415 | VV | 2174   | 37666   | 0.55%  | 0.019% |
| 203 | 11.435 | 11.415 | 11.455 | VV | 3763   | 63988   | 0.93%  | 0.033% |
| 204 | 11.488 | 11.455 | 11.507 | VV | 19237  | 260999  | 3.81%  | 0.133% |
| 205 | 11.519 | 11.507 | 11.544 | VV | 6746   | 83996   | 1.23%  | 0.043% |
| 206 | 11.554 | 11.544 | 11.585 | VV | 965    | 16564   | 0.24%  | 0.008% |
| 207 | 11.617 | 11.585 | 11.632 | VV | 1330   | 27626   | 0.40%  | 0.014% |
| 208 | 11.648 | 11.632 | 11.664 | VV | 1063   | 16675   | 0.24%  | 0.008% |
| 209 | 11.689 | 11.664 | 11.738 | VV | 5984   | 94898   | 1.39%  | 0.048% |
| 210 | 11.776 | 11.738 | 11.802 | VV | 1234   | 34610   | 0.51%  | 0.018% |
| 211 | 11.831 | 11.802 | 11.891 | VV | 909    | 27975   | 0.41%  | 0.014% |
| 212 | 11.942 | 11.891 | 11.958 | PV | 921    | 17379   | 0.25%  | 0.009% |
| 213 | 11.973 | 11.958 | 11.993 | VV | 772    | 13198   | 0.19%  | 0.007% |
| 214 | 12.010 | 11.993 | 12.025 | VV | 797    | 10486   | 0.15%  | 0.005% |
| 215 | 12.047 | 12.025 | 12.066 | VV | 853    | 15342   | 0.22%  | 0.008% |
| 216 | 12.130 | 12.066 | 12.165 | VV | 307196 | 3612192 | 52.75% | 1.839% |
| 217 | 12.181 | 12.165 | 12.270 | VV | 1960   | 64644   | 0.94%  | 0.033% |
| 218 | 12.298 | 12.270 | 12.337 | VV | 6139   | 92144   | 1.35%  | 0.047% |
| 219 | 12.359 | 12.337 | 12.379 | VV | 817    | 16101   | 0.24%  | 0.008% |
| 220 | 12.391 | 12.379 | 12.421 | VV | 521    | 7246    | 0.11%  | 0.004% |
| 221 | 12.435 | 12.421 | 12.480 | VV | 511    | 11285   | 0.16%  | 0.006% |
| 222 | 12.532 | 12.480 | 12.551 | PV | 1143   | 30634   | 0.45%  | 0.016% |
| 223 | 12.572 | 12.551 | 12.625 | VV | 782    | 21155   | 0.31%  | 0.011% |
| 224 | 12.643 | 12.625 | 12.663 | VV | 581    | 8309    | 0.12%  | 0.004% |
| 225 | 12.675 | 12.663 | 12.692 | VV | 548    | 7131    | 0.10%  | 0.004% |
| 226 | 12.727 | 12.692 | 12.775 | VV | 813    | 21449   | 0.31%  | 0.011% |
| 227 | 12.799 | 12.775 | 12.833 | VV | 840    | 17329   | 0.25%  | 0.009% |
| 228 | 12.882 | 12.833 | 12.955 | VV | 6835   | 111845  | 1.63%  | 0.057% |
| 229 | 12.967 | 12.955 | 13.000 | VV | 575    | 7385    | 0.11%  | 0.004% |
| 230 | 13.020 | 13.000 | 13.055 | VV | 637    | 11351   | 0.17%  | 0.006% |
| 231 | 13.109 | 13.055 | 13.150 | VV | 1369   | 41093   | 0.60%  | 0.021% |
| 232 | 13.172 | 13.150 | 13.193 | VV | 819    | 15101   | 0.22%  | 0.008% |
| 233 | 13.213 | 13.193 | 13.225 | VV | 596    | 8502    | 0.12%  | 0.004% |
| 234 | 13.266 | 13.225 | 13.277 | VV | 1209   | 23923   | 0.35%  | 0.012% |
| 235 | 13.295 | 13.277 | 13.304 | VV | 1286   | 17877   | 0.26%  | 0.009% |
| 236 | 13.317 | 13.304 | 13.335 | VV | 1387   | 18739   | 0.27%  | 0.010% |
| 237 | 13.367 | 13.335 | 13.407 | VV | 1420   | 31435   | 0.46%  | 0.016% |
| 238 | 13.442 | 13.407 | 13.487 | VV | 7642   | 116812  | 1.71%  | 0.059% |
| 239 | 13.506 | 13.487 | 13.525 | VV | 1054   | 18698   | 0.27%  | 0.010% |
| 240 | 13.534 | 13.525 | 13.551 | VV | 819    | 11458   | 0.17%  | 0.006% |
| 241 | 13.565 | 13.551 | 13.609 | VV | 1135   | 23357   | 0.34%  | 0.012% |
| 242 | 13.672 | 13.609 | 13.705 | VV | 1457   | 49691   | 0.73%  | 0.025% |
| 243 | 13.714 | 13.705 | 13.775 | VV | 836    | 23663   | 0.35%  | 0.012% |
| 244 | 13.792 | 13.775 | 13.811 | VV | 698    | 11197   | 0.16%  | 0.006% |
| 245 | 13.830 | 13.811 | 13.851 | VV | 1274   | 19455   | 0.28%  | 0.010% |
| 246 | 13.866 | 13.851 | 13.888 | VV | 1155   | 17465   | 0.26%  | 0.009% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 13.895 | 13.888 | 13.925 | VV | 705    | 12133  | 0.18% | 0.006% |
| 248 | 13.980 | 13.925 | 14.018 | VV | 8572   | 137521 | 2.01% | 0.070% |
| 249 | 14.034 | 14.018 | 14.078 | VV | 1255   | 36585  | 0.53% | 0.019% |
| 250 | 14.083 | 14.078 | 14.101 | VV | 915    | 10793  | 0.16% | 0.005% |
|     |        |        |        |    |        |        |       |        |
| 251 | 14.121 | 14.101 | 14.150 | VV | 1028   | 17932  | 0.26% | 0.009% |
| 252 | 14.176 | 14.150 | 14.213 | VV | 1291   | 33833  | 0.49% | 0.017% |
| 253 | 14.226 | 14.213 | 14.271 | VV | 953    | 32856  | 0.48% | 0.017% |
| 254 | 14.290 | 14.271 | 14.300 | VV | 1123   | 15781  | 0.23% | 0.008% |
| 255 | 14.316 | 14.300 | 14.345 | VV | 1249   | 25222  | 0.37% | 0.013% |
|     |        |        |        |    |        |        |       |        |
| 256 | 14.366 | 14.345 | 14.378 | VV | 1292   | 20556  | 0.30% | 0.010% |
| 257 | 14.402 | 14.378 | 14.460 | VV | 1521   | 54446  | 0.80% | 0.028% |
| 258 | 14.497 | 14.460 | 14.527 | VV | 9252   | 152044 | 2.22% | 0.077% |
| 259 | 14.544 | 14.527 | 14.578 | VV | 1809   | 44505  | 0.65% | 0.023% |
| 260 | 14.602 | 14.578 | 14.655 | VV | 1620   | 41601  | 0.61% | 0.021% |
|     |        |        |        |    |        |        |       |        |
| 261 | 14.707 | 14.655 | 14.723 | VV | 1809   | 54635  | 0.80% | 0.028% |
| 262 | 14.745 | 14.723 | 14.756 | VV | 1451   | 25659  | 0.37% | 0.013% |
| 263 | 14.761 | 14.756 | 14.778 | VV | 1290   | 15495  | 0.23% | 0.008% |
| 264 | 14.814 | 14.778 | 14.850 | VV | 2338   | 74621  | 1.09% | 0.038% |
| 265 | 14.871 | 14.850 | 14.888 | VV | 1898   | 36548  | 0.53% | 0.019% |
|     |        |        |        |    |        |        |       |        |
| 266 | 14.901 | 14.888 | 14.913 | VV | 1804   | 23914  | 0.35% | 0.012% |
| 267 | 14.929 | 14.913 | 14.947 | VV | 1578   | 31079  | 0.45% | 0.016% |
| 268 | 14.996 | 14.947 | 15.023 | VV | 10641  | 194588 | 2.84% | 0.099% |
| 269 | 15.034 | 15.023 | 15.088 | VV | 2585   | 80390  | 1.17% | 0.041% |
| 270 | 15.125 | 15.088 | 15.141 | VV | 2608   | 70744  | 1.03% | 0.036% |
|     |        |        |        |    |        |        |       |        |
| 271 | 15.170 | 15.141 | 15.198 | VV | 5149   | 132060 | 1.93% | 0.067% |
| 272 | 15.236 | 15.198 | 15.260 | VV | 4913   | 159128 | 2.32% | 0.081% |
| 273 | 15.292 | 15.260 | 15.320 | VV | 7068   | 195237 | 2.85% | 0.099% |
| 274 | 15.364 | 15.320 | 15.390 | VV | 6458   | 226402 | 3.31% | 0.115% |
| 275 | 15.416 | 15.390 | 15.441 | VV | 5026   | 122660 | 1.79% | 0.062% |
|     |        |        |        |    |        |        |       |        |
| 276 | 15.476 | 15.441 | 15.505 | VV | 11981  | 242848 | 3.55% | 0.124% |
| 277 | 15.552 | 15.505 | 15.620 | VV | 6700   | 302789 | 4.42% | 0.154% |
| 278 | 15.642 | 15.620 | 15.681 | VV | 5483   | 156998 | 2.29% | 0.080% |
| 279 | 15.688 | 15.681 | 15.744 | VV | 3501   | 113587 | 1.66% | 0.058% |
| 280 | 15.785 | 15.744 | 15.851 | VV | 12820  | 410242 | 5.99% | 0.209% |
|     |        |        |        |    |        |        |       |        |
| 281 | 15.858 | 15.851 | 15.878 | VV | 3245   | 48510  | 0.71% | 0.025% |
| 282 | 15.903 | 15.878 | 15.918 | VV | 3956   | 82652  | 1.21% | 0.042% |
| 283 | 15.943 | 15.918 | 15.969 | VV | 13242  | 230612 | 3.37% | 0.117% |
| 284 | 15.980 | 15.969 | 16.005 | VV | 3754   | 72961  | 1.07% | 0.037% |
| 285 | 16.017 | 16.005 | 16.060 | VV | 3801   | 103642 | 1.51% | 0.053% |
|     |        |        |        |    |        |        |       |        |
| 286 | 16.103 | 16.060 | 16.126 | VV | 4641   | 151066 | 2.21% | 0.077% |
| 287 | 16.153 | 16.126 | 16.189 | VV | 5781   | 160569 | 2.34% | 0.082% |
| 288 | 16.225 | 16.189 | 16.254 | VV | 4466   | 150893 | 2.20% | 0.077% |
| 289 | 16.320 | 16.254 | 16.361 | VV | 6655   | 270626 | 3.95% | 0.138% |
| 290 | 16.392 | 16.361 | 16.424 | VV | 14021  | 285254 | 4.17% | 0.145% |
|     |        |        |        |    |        |        |       |        |
| 291 | 16.439 | 16.424 | 16.454 | VV | 4797   | 74611  | 1.09% | 0.038% |
| 292 | 16.475 | 16.454 | 16.521 | VV | 4993   | 176669 | 2.58% | 0.090% |
| 293 | 16.541 | 16.521 | 16.552 | VV | 4479   | 76617  | 1.12% | 0.039% |
| 294 | 16.564 | 16.552 | 16.614 | VV | 4535   | 135400 | 1.98% | 0.069% |
| 295 | 16.658 | 16.614 | 16.676 | VV | 4161   | 130055 | 1.90% | 0.066% |
|     |        |        |        |    |        |        |       |        |
| 296 | 16.708 | 16.676 | 16.745 | VV | 5505   | 189426 | 2.77% | 0.096% |
| 297 | 16.782 | 16.745 | 16.793 | VV | 6621   | 152435 | 2.23% | 0.078% |
| 298 | 16.827 | 16.793 | 16.868 | VV | 10600  | 313883 | 4.58% | 0.160% |
| 299 | 16.902 | 16.868 | 16.918 | VV | 6158   | 148174 | 2.16% | 0.075% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 16.941 | 16.918 | 17.025 | VV | 12783  | 474233  | 6.93%  | 0.241% |
| 301 | 17.044 | 17.025 | 17.073 | VV | 5010   | 134541  | 1.96%  | 0.068% |
| 302 | 17.143 | 17.073 | 17.202 | VV | 6515   | 416965  | 6.09%  | 0.212% |
| 303 | 17.211 | 17.202 | 17.218 | VV | 4698   | 46020   | 0.67%  | 0.023% |
| 304 | 17.248 | 17.218 | 17.277 | VV | 15051  | 305168  | 4.46%  | 0.155% |
| 305 | 17.306 | 17.277 | 17.332 | VV | 13449  | 297706  | 4.35%  | 0.152% |
| 306 | 17.341 | 17.332 | 17.361 | VV | 6156   | 96978   | 1.42%  | 0.049% |
| 307 | 17.380 | 17.361 | 17.404 | VV | 6118   | 143978  | 2.10%  | 0.073% |
| 308 | 17.466 | 17.404 | 17.489 | VV | 6702   | 292219  | 4.27%  | 0.149% |
| 309 | 17.536 | 17.489 | 17.595 | VV | 6355   | 378241  | 5.52%  | 0.193% |
| 310 | 17.658 | 17.595 | 17.701 | VV | 12225  | 485115  | 7.08%  | 0.247% |
| 311 | 17.728 | 17.701 | 17.751 | VV | 11403  | 253526  | 3.70%  | 0.129% |
| 312 | 17.776 | 17.751 | 17.838 | VV | 10210  | 408415  | 5.96%  | 0.208% |
| 313 | 17.848 | 17.838 | 17.885 | VV | 6863   | 187472  | 2.74%  | 0.095% |
| 314 | 17.907 | 17.885 | 17.933 | VV | 7657   | 204639  | 2.99%  | 0.104% |
| 315 | 17.951 | 17.933 | 17.970 | VV | 7210   | 149373  | 2.18%  | 0.076% |
| 316 | 18.055 | 17.970 | 18.094 | VV | 15339  | 649850  | 9.49%  | 0.331% |
| 317 | 18.126 | 18.094 | 18.155 | VV | 9814   | 309230  | 4.52%  | 0.157% |
| 318 | 18.247 | 18.155 | 18.275 | VV | 10047  | 650603  | 9.50%  | 0.331% |
| 319 | 18.303 | 18.275 | 18.315 | VV | 10275  | 240140  | 3.51%  | 0.122% |
| 320 | 18.332 | 18.315 | 18.345 | VV | 10504  | 184863  | 2.70%  | 0.094% |
| 321 | 18.439 | 18.345 | 18.501 | VV | 18147  | 1162372 | 16.97% | 0.592% |
| 322 | 18.534 | 18.501 | 18.580 | VV | 13383  | 589725  | 8.61%  | 0.300% |
| 323 | 18.633 | 18.580 | 18.645 | VV | 13270  | 497628  | 7.27%  | 0.253% |
| 324 | 18.666 | 18.645 | 18.695 | VV | 13666  | 403066  | 5.89%  | 0.205% |
| 325 | 18.756 | 18.695 | 18.776 | VV | 14904  | 699305  | 10.21% | 0.356% |
| 326 | 18.816 | 18.776 | 18.868 | VV | 19423  | 951315  | 13.89% | 0.484% |
| 327 | 18.878 | 18.868 | 18.888 | VV | 17333  | 205760  | 3.00%  | 0.105% |
| 328 | 18.947 | 18.888 | 18.988 | VV | 19198  | 1091385 | 15.94% | 0.556% |
| 329 | 19.003 | 18.988 | 19.021 | VV | 18713  | 355168  | 5.19%  | 0.181% |
| 330 | 19.032 | 19.021 | 19.051 | VV | 18149  | 326247  | 4.76%  | 0.166% |
| 331 | 19.088 | 19.051 | 19.102 | VV | 18618  | 552548  | 8.07%  | 0.281% |
| 332 | 19.177 | 19.102 | 19.195 | VV | 23539  | 1141955 | 16.68% | 0.581% |
| 333 | 19.218 | 19.195 | 19.255 | VV | 24225  | 832794  | 12.16% | 0.424% |
| 334 | 19.353 | 19.255 | 19.378 | VV | 26709  | 1854478 | 27.08% | 0.944% |
| 335 | 19.448 | 19.378 | 19.458 | VV | 27709  | 1248598 | 18.23% | 0.636% |
| 336 | 19.475 | 19.458 | 19.493 | VV | 27664  | 578619  | 8.45%  | 0.295% |
| 337 | 19.532 | 19.493 | 19.559 | VV | 30144  | 1118772 | 16.34% | 0.570% |
| 338 | 19.633 | 19.559 | 19.679 | VV | 34009  | 2176264 | 31.78% | 1.108% |
| 339 | 19.699 | 19.679 | 19.725 | VV | 30523  | 819358  | 11.97% | 0.417% |
| 340 | 19.731 | 19.725 | 19.745 | VV | 29914  | 356316  | 5.20%  | 0.181% |
| 341 | 19.761 | 19.745 | 19.778 | VV | 30892  | 604806  | 8.83%  | 0.308% |
| 342 | 19.837 | 19.778 | 19.854 | VV | 32414  | 1460915 | 21.33% | 0.744% |
| 343 | 19.880 | 19.854 | 19.978 | VV | 35328  | 2301510 | 33.61% | 1.172% |
| 344 | 20.000 | 19.978 | 20.031 | VV | 29835  | 945775  | 13.81% | 0.481% |
| 345 | 20.055 | 20.031 | 20.072 | VV | 31414  | 745919  | 10.89% | 0.380% |
| 346 | 20.096 | 20.072 | 20.237 | VV | 31490  | 2924435 | 42.71% | 1.489% |
| 347 | 20.268 | 20.237 | 20.321 | VV | 28992  | 1409764 | 20.59% | 0.718% |
| 348 | 20.374 | 20.321 | 20.385 | VV | 28873  | 1071616 | 15.65% | 0.546% |
| 349 | 20.392 | 20.385 | 20.415 | VV | 28391  | 493267  | 7.20%  | 0.251% |
| 350 | 20.451 | 20.415 | 20.465 | VV | 28781  | 850638  | 12.42% | 0.433% |
| 351 | 20.490 | 20.465 | 20.568 | VV | 28810  | 1759132 | 25.69% | 0.896% |

|                         |        |        |        |     | rteres    |         |        |        |
|-------------------------|--------|--------|--------|-----|-----------|---------|--------|--------|
| 352                     | 20.577 | 20.568 | 20.586 | VV  | 27708     | 295828  | 4.32%  | 0.151% |
| 353                     | 20.604 | 20.586 | 20.663 | VV  | 27990     | 1271704 | 18.57% | 0.647% |
| 354                     | 20.694 | 20.663 | 20.736 | VV  | 28990     | 1224248 | 17.88% | 0.623% |
| 355                     | 20.773 | 20.736 | 20.787 | VV  | 28108     | 855644  | 12.50% | 0.436% |
| 356                     | 20.823 | 20.787 | 20.867 | VV  | 27881     | 1306323 | 19.08% | 0.665% |
| 357                     | 20.906 | 20.867 | 20.938 | VV  | 27164     | 1156881 | 16.89% | 0.589% |
| 358                     | 20.953 | 20.938 | 20.978 | VV  | 26805     | 632083  | 9.23%  | 0.322% |
| 359                     | 21.001 | 20.978 | 21.028 | VV  | 26901     | 800300  | 11.69% | 0.407% |
| 360                     | 21.099 | 21.028 | 21.108 | VV  | 27609     | 1303976 | 19.04% | 0.664% |
| 361                     | 21.205 | 21.108 | 21.265 | VV  | 28803     | 2615384 | 38.19% | 1.331% |
| 362                     | 21.291 | 21.265 | 21.432 | VV  | 28129     | 2709292 | 39.56% | 1.379% |
| 363                     | 21.440 | 21.432 | 21.471 | VV  | 25517     | 599526  | 8.76%  | 0.305% |
| 364                     | 21.509 | 21.471 | 21.540 | VV  | 25848     | 1060443 | 15.49% | 0.540% |
| 365                     | 21.552 | 21.540 | 21.683 | VV  | 25490     | 2087593 | 30.49% | 1.063% |
| 366                     | 21.695 | 21.683 | 21.705 | VV  | 23107     | 300143  | 4.38%  | 0.153% |
| 367                     | 21.754 | 21.705 | 21.801 | VV  | 23685     | 1342694 | 19.61% | 0.684% |
| 368                     | 21.911 | 21.801 | 21.929 | VV  | 24627     | 1815483 | 26.51% | 0.924% |
| 369                     | 21.978 | 21.929 | 21.991 | VV  | 24224     | 889651  | 12.99% | 0.453% |
| 370                     | 22.062 | 21.991 | 22.120 | VV  | 26310     | 1954451 | 28.54% | 0.995% |
| 371                     | 22.127 | 22.120 | 22.138 | VV  | 25607     | 280504  | 4.10%  | 0.143% |
| 372                     | 22.145 | 22.138 | 22.238 | VV  | 25581     | 1499840 | 21.90% | 0.764% |
| 373                     | 22.247 | 22.238 | 22.304 | VV  | 24777     | 948849  | 13.86% | 0.483% |
| 374                     | 22.414 | 22.304 | 22.555 | VV  | 25385     | 3503859 | 51.17% | 1.784% |
| 375                     | 22.620 | 22.555 | 22.631 | VV  | 22131     | 1002493 | 14.64% | 0.510% |
| 376                     | 22.667 | 22.631 | 22.681 | VV  | 22744     | 672288  | 9.82%  | 0.342% |
| 377                     | 22.755 | 22.681 | 22.828 | VV  | 23157     | 1978954 | 28.90% | 1.007% |
| 378                     | 22.843 | 22.828 | 22.879 | VV  | 21411     | 634605  | 9.27%  | 0.323% |
| 379                     | 22.893 | 22.879 | 22.923 | VV  | 20885     | 551766  | 8.06%  | 0.281% |
| 380                     | 22.970 | 22.923 | 22.981 | VV  | 20742     | 715426  | 10.45% | 0.364% |
| 381                     | 22.993 | 22.981 | 23.007 | VV  | 20934     | 324547  | 4.74%  | 0.165% |
| 382                     | 23.028 | 23.007 | 23.039 | VV  | 21061     | 399575  | 5.84%  | 0.203% |
| 383                     | 23.048 | 23.039 | 23.104 | VV  | 21058     | 803989  | 11.74% | 0.409% |
| 384                     | 23.142 | 23.104 | 23.152 | VBA | 20700     | 608890  | 8.89%  | 0.310% |
| Sum of corrected areas: |        |        |        |     | 196427428 |         |        |        |

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