

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060424AL\  
 Data File : FE048553.D  
 Signal(s) : FID1B.ch  
 Acq On : 04 Jun 2024 22:42  
 Sample : P2705-02  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH  
 052524.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         | 3.140       | 3.105        | 3.159      | BV       | 177            | 1793         | 0.01%          | 0.000%        |
| 2         | 3.188       | 3.159        | 3.232      | PV       | 413            | 7189         | 0.04%          | 0.002%        |
| 3         | 3.242       | 3.232        | 3.279      | VV       | 144            | 2725         | 0.01%          | 0.001%        |
| 4         | 3.287       | 3.279        | 3.304      | VV       | 90             | 887          | 0.00%          | 0.000%        |
| 5         | 3.330       | 3.304        | 3.425      | PV       | 1831           | 25563        | 0.13%          | 0.006%        |
| 6         | 3.447       | 3.425        | 3.460      | PV       | 303            | 3488         | 0.02%          | 0.001%        |
| 7         | 3.476       | 3.460        | 3.495      | VV       | 341            | 4618         | 0.02%          | 0.001%        |
| 8         | 3.503       | 3.495        | 3.522      | VV       | 348            | 3264         | 0.02%          | 0.001%        |
| 9         | 3.543       | 3.522        | 3.598      | VV       | 181            | 6259         | 0.03%          | 0.001%        |
| 10        | 3.607       | 3.598        | 3.626      | VV       | 111            | 779          | 0.00%          | 0.000%        |
| 11        | 3.645       | 3.626        | 3.663      | VV       | 598            | 6962         | 0.04%          | 0.002%        |
| 12        | 3.685       | 3.663        | 3.715      | VV       | 1805           | 20584        | 0.11%          | 0.005%        |
| 13        | 3.721       | 3.715        | 3.751      | VV       | 206            | 2238         | 0.01%          | 0.001%        |
| 14        | 3.777       | 3.751        | 3.793      | VV       | 852            | 9337         | 0.05%          | 0.002%        |
| 15        | 3.813       | 3.793        | 3.848      | VV       | 661            | 11585        | 0.06%          | 0.003%        |
| 16        | 3.860       | 3.848        | 3.891      | VV       | 518            | 6992         | 0.04%          | 0.002%        |
| 17        | 3.915       | 3.891        | 3.929      | VV       | 1869           | 19576        | 0.10%          | 0.005%        |
| 18        | 3.937       | 3.929        | 3.952      | VV       | 875            | 8304         | 0.04%          | 0.002%        |
| 19        | 3.965       | 3.952        | 3.988      | VV       | 653            | 6211         | 0.03%          | 0.001%        |
| 20        | 4.121       | 4.048        | 4.141      | BV       | 1839           | 16118        | 0.08%          | 0.004%        |
| 21        | 4.163       | 4.141        | 4.206      | VV       | 825            | 16854        | 0.09%          | 0.004%        |
| 22        | 4.230       | 4.206        | 4.261      | VV       | 535            | 7575         | 0.04%          | 0.002%        |
| 23        | 4.305       | 4.261        | 4.338      | PV       | 5754           | 78150        | 0.41%          | 0.018%        |
| 24        | 4.351       | 4.338        | 4.380      | VV       | 830            | 13526        | 0.07%          | 0.003%        |
| 25        | 4.414       | 4.380        | 4.447      | VV       | 661            | 11357        | 0.06%          | 0.003%        |

|    |       |       |       |        |       |        |       |        |
|----|-------|-------|-------|--------|-------|--------|-------|--------|
|    |       |       |       | rteres |       |        |       |        |
| 26 | 4.490 | 4.447 | 4.508 | VV     | 468   | 8546   | 0.04% | 0.002% |
| 27 | 4.523 | 4.508 | 4.553 | VV     | 717   | 8621   | 0.04% | 0.002% |
| 28 | 4.581 | 4.553 | 4.601 | VV     | 3396  | 36385  | 0.19% | 0.008% |
| 29 | 4.621 | 4.601 | 4.641 | VV     | 3811  | 37422  | 0.19% | 0.009% |
| 30 | 4.657 | 4.641 | 4.674 | VV     | 1378  | 14679  | 0.08% | 0.003% |
| 31 | 4.691 | 4.674 | 4.721 | VV     | 1309  | 15314  | 0.08% | 0.004% |
| 32 | 4.739 | 4.721 | 4.777 | PV     | 810   | 11785  | 0.06% | 0.003% |
| 33 | 4.810 | 4.777 | 4.850 | VV     | 3460  | 74922  | 0.39% | 0.017% |
| 34 | 4.864 | 4.850 | 4.910 | VV     | 1539  | 31688  | 0.16% | 0.007% |
| 35 | 4.922 | 4.910 | 4.931 | VV     | 489   | 5202   | 0.03% | 0.001% |
| 36 | 4.968 | 4.931 | 4.980 | VV     | 1442  | 26134  | 0.14% | 0.006% |
| 37 | 4.998 | 4.980 | 5.017 | VV     | 3725  | 41225  | 0.21% | 0.010% |
| 38 | 5.041 | 5.017 | 5.062 | VV     | 1999  | 30221  | 0.16% | 0.007% |
| 39 | 5.081 | 5.062 | 5.137 | VV     | 4407  | 57393  | 0.30% | 0.013% |
| 40 | 5.161 | 5.137 | 5.179 | VV     | 1133  | 12651  | 0.07% | 0.003% |
| 41 | 5.199 | 5.179 | 5.223 | VV     | 597   | 10520  | 0.05% | 0.002% |
| 42 | 5.257 | 5.223 | 5.266 | VV     | 432   | 7999   | 0.04% | 0.002% |
| 43 | 5.285 | 5.266 | 5.316 | VV     | 1924  | 32888  | 0.17% | 0.008% |
| 44 | 5.335 | 5.316 | 5.350 | VV     | 1087  | 14577  | 0.08% | 0.003% |
| 45 | 5.367 | 5.350 | 5.385 | VV     | 2773  | 29270  | 0.15% | 0.007% |
| 46 | 5.399 | 5.385 | 5.412 | VV     | 785   | 9454   | 0.05% | 0.002% |
| 47 | 5.423 | 5.412 | 5.442 | VV     | 760   | 7550   | 0.04% | 0.002% |
| 48 | 5.465 | 5.442 | 5.477 | PV     | 506   | 5954   | 0.03% | 0.001% |
| 49 | 5.492 | 5.477 | 5.511 | VV     | 500   | 7695   | 0.04% | 0.002% |
| 50 | 5.524 | 5.511 | 5.548 | VV     | 893   | 10588  | 0.05% | 0.002% |
| 51 | 5.573 | 5.548 | 5.614 | VV     | 2050  | 37556  | 0.19% | 0.009% |
| 52 | 5.658 | 5.614 | 5.695 | VV     | 434   | 9716   | 0.05% | 0.002% |
| 53 | 5.716 | 5.695 | 5.734 | PV     | 4824  | 53734  | 0.28% | 0.012% |
| 54 | 5.750 | 5.734 | 5.818 | VV     | 2801  | 46199  | 0.24% | 0.011% |
| 55 | 5.841 | 5.818 | 5.861 | PV     | 284   | 3239   | 0.02% | 0.001% |
| 56 | 5.902 | 5.861 | 5.932 | VV     | 1106  | 26366  | 0.14% | 0.006% |
| 57 | 5.942 | 5.932 | 5.952 | VV     | 532   | 4948   | 0.03% | 0.001% |
| 58 | 5.965 | 5.952 | 5.973 | VV     | 584   | 6293   | 0.03% | 0.001% |
| 59 | 6.008 | 5.973 | 6.019 | VV     | 2157  | 36787  | 0.19% | 0.008% |
| 60 | 6.032 | 6.019 | 6.048 | VV     | 2410  | 30572  | 0.16% | 0.007% |
| 61 | 6.065 | 6.048 | 6.091 | VV     | 1783  | 26942  | 0.14% | 0.006% |
| 62 | 6.106 | 6.091 | 6.119 | VV     | 934   | 10129  | 0.05% | 0.002% |
| 63 | 6.131 | 6.119 | 6.151 | VV     | 535   | 7929   | 0.04% | 0.002% |
| 64 | 6.187 | 6.151 | 6.216 | VV     | 1067  | 22111  | 0.11% | 0.005% |
| 65 | 6.249 | 6.216 | 6.263 | VV     | 1051  | 18561  | 0.10% | 0.004% |
| 66 | 6.288 | 6.263 | 6.321 | VV     | 53806 | 539868 | 2.80% | 0.125% |
| 67 | 6.337 | 6.321 | 6.357 | VV     | 1942  | 30034  | 0.16% | 0.007% |
| 68 | 6.367 | 6.357 | 6.378 | VV     | 727   | 8379   | 0.04% | 0.002% |
| 69 | 6.393 | 6.378 | 6.420 | VV     | 901   | 15629  | 0.08% | 0.004% |

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|-----|-------|-------|-------|--------|-------|---------|-------|--------|
|     |       |       |       | rteres |       |         |       |        |
| 70  | 6.439 | 6.420 | 6.498 | VV     | 887   | 24406   | 0.13% | 0.006% |
| 71  | 6.515 | 6.498 | 6.528 | VV     | 802   | 9733    | 0.05% | 0.002% |
| 72  | 6.539 | 6.528 | 6.565 | VV     | 649   | 12210   | 0.06% | 0.003% |
| 73  | 6.583 | 6.565 | 6.628 | VV     | 666   | 15783   | 0.08% | 0.004% |
| 74  | 6.662 | 6.628 | 6.681 | VV     | 577   | 12198   | 0.06% | 0.003% |
| 75  | 6.693 | 6.681 | 6.715 | VV     | 651   | 8703    | 0.05% | 0.002% |
| 76  | 6.745 | 6.715 | 6.794 | VV     | 3616  | 52374   | 0.27% | 0.012% |
| 77  | 6.826 | 6.794 | 6.843 | VV     | 737   | 12658   | 0.07% | 0.003% |
| 78  | 6.875 | 6.843 | 6.919 | VV     | 3214  | 58169   | 0.30% | 0.013% |
| 79  | 6.947 | 6.919 | 6.988 | VV     | 764   | 13554   | 0.07% | 0.003% |
| 80  | 7.002 | 6.988 | 7.017 | VV     | 187   | 2169    | 0.01% | 0.001% |
| 81  | 7.032 | 7.017 | 7.050 | VV     | 670   | 5831    | 0.03% | 0.001% |
| 82  | 7.073 | 7.050 | 7.108 | PV     | 1488  | 24807   | 0.13% | 0.006% |
| 83  | 7.115 | 7.108 | 7.123 | VV     | 549   | 4411    | 0.02% | 0.001% |
| 84  | 7.157 | 7.123 | 7.171 | VV     | 913   | 17700   | 0.09% | 0.004% |
| 85  | 7.184 | 7.171 | 7.202 | VV     | 870   | 10947   | 0.06% | 0.003% |
| 86  | 7.229 | 7.202 | 7.248 | VV     | 967   | 15562   | 0.08% | 0.004% |
| 87  | 7.287 | 7.248 | 7.305 | VV     | 2048  | 35327   | 0.18% | 0.008% |
| 88  | 7.325 | 7.305 | 7.348 | VV     | 1558  | 28987   | 0.15% | 0.007% |
| 89  | 7.383 | 7.348 | 7.414 | VV     | 45287 | 489695  | 2.54% | 0.113% |
| 90  | 7.437 | 7.414 | 7.455 | VV     | 1726  | 34473   | 0.18% | 0.008% |
| 91  | 7.474 | 7.455 | 7.496 | VV     | 2764  | 43967   | 0.23% | 0.010% |
| 92  | 7.521 | 7.496 | 7.579 | VV     | 45870 | 480829  | 2.49% | 0.111% |
| 93  | 7.587 | 7.579 | 7.607 | VV     | 619   | 9380    | 0.05% | 0.002% |
| 94  | 7.620 | 7.607 | 7.638 | VV     | 568   | 7858    | 0.04% | 0.002% |
| 95  | 7.658 | 7.638 | 7.671 | VV     | 498   | 7991    | 0.04% | 0.002% |
| 96  | 7.693 | 7.671 | 7.735 | VV     | 3373  | 41176   | 0.21% | 0.010% |
| 97  | 7.755 | 7.735 | 7.800 | VV     | 777   | 15491   | 0.08% | 0.004% |
| 98  | 7.826 | 7.800 | 7.848 | VV     | 693   | 10055   | 0.05% | 0.002% |
| 99  | 7.875 | 7.848 | 7.901 | VV     | 998   | 15157   | 0.08% | 0.003% |
| 100 | 7.921 | 7.901 | 7.939 | VV     | 325   | 4565    | 0.02% | 0.001% |
| 101 | 7.952 | 7.939 | 7.962 | PV     | 160   | 1563    | 0.01% | 0.000% |
| 102 | 8.123 | 8.093 | 8.203 | VV     | 13548 | 204264  | 1.06% | 0.047% |
| 103 | 8.224 | 8.203 | 8.244 | VV     | 2056  | 27669   | 0.14% | 0.006% |
| 104 | 8.282 | 8.244 | 8.315 | VV     | 9326  | 148064  | 0.77% | 0.034% |
| 105 | 8.325 | 8.315 | 8.337 | VV     | 1832  | 21309   | 0.11% | 0.005% |
| 106 | 8.393 | 8.337 | 8.438 | VV     | 18231 | 407475  | 2.11% | 0.094% |
| 107 | 8.454 | 8.438 | 8.468 | VV     | 2145  | 26768   | 0.14% | 0.006% |
| 108 | 8.499 | 8.468 | 8.515 | VV     | 47979 | 527492  | 2.73% | 0.122% |
| 109 | 8.527 | 8.515 | 8.546 | VV     | 26965 | 280183  | 1.45% | 0.065% |
| 110 | 8.559 | 8.546 | 8.599 | VV     | 7388  | 155678  | 0.81% | 0.036% |
| 111 | 8.687 | 8.599 | 8.755 | VV     | 58908 | 1177776 | 6.10% | 0.272% |
| 112 | 8.776 | 8.755 | 8.807 | VV     | 13146 | 144831  | 0.75% | 0.033% |

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|-----|--------|--------|--------|--------|--------|---------|-------|--------|
|     |        |        |        | rteres |        |         |       |        |
| 113 | 8.825  | 8.807  | 8.848  | VV     | 1865   | 22534   | 0.12% | 0.005% |
| 114 | 8.934  | 8.920  | 8.958  | VV     | 10138  | 155601  | 0.81% | 0.036% |
| 115 | 8.983  | 8.958  | 9.009  | VV     | 95808  | 1004028 | 5.20% | 0.232% |
| 116 | 9.030  | 9.009  | 9.073  | VV     | 15482  | 217885  | 1.13% | 0.050% |
| 117 | 9.101  | 9.073  | 9.162  | VV     | 6929   | 171505  | 0.89% | 0.040% |
| 118 | 9.173  | 9.162  | 9.189  | VV     | 1909   | 22639   | 0.12% | 0.005% |
| 119 | 9.225  | 9.189  | 9.239  | VV     | 17213  | 221025  | 1.15% | 0.051% |
| 120 | 9.258  | 9.239  | 9.284  | VV     | 65041  | 692633  | 3.59% | 0.160% |
| 121 | 9.297  | 9.284  | 9.328  | VV     | 6108   | 111038  | 0.58% | 0.026% |
| 122 | 9.349  | 9.328  | 9.375  | VV     | 6324   | 101782  | 0.53% | 0.023% |
| 123 | 9.397  | 9.375  | 9.416  | VV     | 17402  | 206475  | 1.07% | 0.048% |
| 124 | 9.436  | 9.416  | 9.480  | VV     | 19911  | 273184  | 1.42% | 0.063% |
| 125 | 9.496  | 9.480  | 9.520  | VV     | 2097   | 28739   | 0.15% | 0.007% |
| 126 | 9.552  | 9.520  | 9.570  | VV     | 18356  | 214631  | 1.11% | 0.050% |
| 127 | 9.584  | 9.570  | 9.608  | VV     | 14750  | 152163  | 0.79% | 0.035% |
| 128 | 9.637  | 9.608  | 9.654  | VV     | 7083   | 92837   | 0.48% | 0.021% |
| 129 | 9.689  | 9.654  | 9.711  | VV     | 16421  | 242066  | 1.25% | 0.056% |
| 130 | 9.731  | 9.711  | 9.747  | VV     | 8076   | 96469   | 0.50% | 0.022% |
| 131 | 9.773  | 9.747  | 9.826  | VV     | 143018 | 1733819 | 8.99% | 0.400% |
| 132 | 9.851  | 9.826  | 9.880  | VV     | 18847  | 295610  | 1.53% | 0.068% |
| 133 | 9.894  | 9.880  | 9.904  | VV     | 13022  | 142774  | 0.74% | 0.033% |
| 134 | 9.923  | 9.904  | 9.964  | VV     | 31715  | 507388  | 2.63% | 0.117% |
| 135 | 9.984  | 9.964  | 10.015 | VV     | 18635  | 266349  | 1.38% | 0.061% |
| 136 | 10.036 | 10.015 | 10.070 | VV     | 10070  | 166108  | 0.86% | 0.038% |
| 137 | 10.095 | 10.070 | 10.124 | VV     | 36241  | 451540  | 2.34% | 0.104% |
| 138 | 10.146 | 10.124 | 10.163 | VV     | 6309   | 106386  | 0.55% | 0.025% |
| 139 | 10.196 | 10.163 | 10.238 | VV     | 43253  | 684434  | 3.55% | 0.158% |
| 140 | 10.258 | 10.238 | 10.277 | VV     | 9358   | 124234  | 0.64% | 0.029% |
| 141 | 10.292 | 10.277 | 10.317 | VV     | 4377   | 65517   | 0.34% | 0.015% |
| 142 | 10.361 | 10.317 | 10.424 | VV     | 4832   | 136028  | 0.71% | 0.031% |
| 143 | 10.461 | 10.424 | 10.473 | PV     | 1261   | 17655   | 0.09% | 0.004% |
| 144 | 10.485 | 10.473 | 10.499 | VV     | 1143   | 14882   | 0.08% | 0.003% |
| 145 | 10.519 | 10.499 | 10.528 | VV     | 6613   | 66237   | 0.34% | 0.015% |
| 146 | 10.542 | 10.528 | 10.557 | VV     | 10381  | 116727  | 0.61% | 0.027% |
| 147 | 10.572 | 10.557 | 10.598 | VV     | 8126   | 114249  | 0.59% | 0.026% |
| 148 | 10.657 | 10.598 | 10.680 | VV     | 39032  | 692317  | 3.59% | 0.160% |
| 149 | 10.697 | 10.680 | 10.732 | VV     | 25638  | 327944  | 1.70% | 0.076% |
| 150 | 10.774 | 10.732 | 10.807 | VV     | 27365  | 483172  | 2.50% | 0.112% |
| 151 | 10.829 | 10.807 | 10.884 | VV     | 55401  | 811901  | 4.21% | 0.187% |
| 152 | 10.946 | 10.884 | 10.957 | VV     | 25979  | 501859  | 2.60% | 0.116% |
| 153 | 10.981 | 10.957 | 11.038 | VV     | 77078  | 1411585 | 7.32% | 0.326% |
| 154 | 11.051 | 11.038 | 11.064 | VV     | 8871   | 113882  | 0.59% | 0.026% |
| 155 | 11.081 | 11.064 | 11.099 | VV     | 17030  | 225739  | 1.17% | 0.052% |

|     |        |        |        | rteres |         |          |         |        |
|-----|--------|--------|--------|--------|---------|----------|---------|--------|
| 156 | 11.114 | 11.099 | 11.131 | VV     | 7956    | 126059   | 0.65%   | 0.029% |
| 157 | 11.191 | 11.131 | 11.230 | VV     | 1197186 | 14639409 | 75.88%  | 3.379% |
| 158 | 11.257 | 11.230 | 11.321 | VV     | 294111  | 3676538  | 19.06%  | 0.849% |
| 159 | 11.334 | 11.321 | 11.377 | VV     | 10362   | 269358   | 1.40%   | 0.062% |
| 160 | 11.390 | 11.377 | 11.406 | VV     | 6801    | 99159    | 0.51%   | 0.023% |
| 161 | 11.427 | 11.406 | 11.446 | VV     | 17083   | 252349   | 1.31%   | 0.058% |
| 162 | 11.469 | 11.446 | 11.510 | VV     | 64857   | 948957   | 4.92%   | 0.219% |
| 163 | 11.539 | 11.510 | 11.556 | VV     | 9586    | 208957   | 1.08%   | 0.048% |
| 164 | 11.578 | 11.556 | 11.598 | VV     | 13021   | 258531   | 1.34%   | 0.060% |
| 165 | 11.622 | 11.598 | 11.641 | VV     | 11533   | 237558   | 1.23%   | 0.055% |
| 166 | 11.707 | 11.641 | 11.744 | VV     | 52141   | 1285118  | 6.66%   | 0.297% |
| 167 | 11.780 | 11.744 | 11.804 | VV     | 23449   | 470083   | 2.44%   | 0.109% |
| 168 | 11.832 | 11.804 | 11.853 | VV     | 35839   | 528976   | 2.74%   | 0.122% |
| 169 | 11.873 | 11.853 | 11.896 | VV     | 21661   | 346493   | 1.80%   | 0.080% |
| 170 | 11.908 | 11.896 | 11.917 | VV     | 8403    | 97415    | 0.50%   | 0.022% |
| 171 | 11.948 | 11.917 | 11.966 | VV     | 309616  | 3487704  | 18.08%  | 0.805% |
| 172 | 11.984 | 11.966 | 11.999 | VV     | 159636  | 1898210  | 9.84%   | 0.438% |
| 173 | 12.016 | 11.999 | 12.056 | VV     | 202986  | 2427588  | 12.58%  | 0.560% |
| 174 | 12.100 | 12.056 | 12.117 | VV     | 183049  | 2796905  | 14.50%  | 0.646% |
| 175 | 12.132 | 12.117 | 12.147 | VV     | 110871  | 1308954  | 6.78%   | 0.302% |
| 176 | 12.164 | 12.147 | 12.194 | VV     | 151221  | 1880765  | 9.75%   | 0.434% |
| 177 | 12.208 | 12.194 | 12.219 | VV     | 10618   | 140383   | 0.73%   | 0.032% |
| 178 | 12.244 | 12.219 | 12.262 | VV     | 16234   | 322821   | 1.67%   | 0.075% |
| 179 | 12.299 | 12.262 | 12.322 | VV     | 15021   | 441155   | 2.29%   | 0.102% |
| 180 | 12.346 | 12.322 | 12.427 | VV     | 84746   | 1736027  | 9.00%   | 0.401% |
| 181 | 12.453 | 12.427 | 12.476 | VV     | 99720   | 1323760  | 6.86%   | 0.306% |
| 182 | 12.483 | 12.476 | 12.498 | VV     | 20661   | 243245   | 1.26%   | 0.056% |
| 183 | 12.514 | 12.498 | 12.527 | VV     | 23494   | 349499   | 1.81%   | 0.081% |
| 184 | 12.543 | 12.527 | 12.574 | VV     | 38787   | 599853   | 3.11%   | 0.138% |
| 185 | 12.599 | 12.574 | 12.617 | VV     | 23293   | 414884   | 2.15%   | 0.096% |
| 186 | 12.633 | 12.617 | 12.648 | VV     | 16440   | 254815   | 1.32%   | 0.059% |
| 187 | 12.660 | 12.648 | 12.673 | VV     | 14981   | 206000   | 1.07%   | 0.048% |
| 188 | 12.703 | 12.673 | 12.716 | VV     | 27315   | 521770   | 2.70%   | 0.120% |
| 189 | 12.727 | 12.716 | 12.755 | VV     | 26083   | 454138   | 2.35%   | 0.105% |
| 190 | 12.774 | 12.755 | 12.814 | VV     | 42565   | 909954   | 4.72%   | 0.210% |
| 191 | 12.842 | 12.814 | 12.864 | VV     | 64121   | 1053096  | 5.46%   | 0.243% |
| 192 | 12.886 | 12.864 | 12.907 | VV     | 95276   | 1450602  | 7.52%   | 0.335% |
| 193 | 12.926 | 12.907 | 12.945 | VV     | 50062   | 956069   | 4.96%   | 0.221% |
| 194 | 12.954 | 12.945 | 12.974 | VV     | 41435   | 605813   | 3.14%   | 0.140% |
| 195 | 13.018 | 12.974 | 13.050 | VV     | 1338963 | 19292575 | 100.00% | 4.453% |
| 196 | 13.066 | 13.050 | 13.085 | VV     | 30335   | 494196   | 2.56%   | 0.114% |
| 197 | 13.099 | 13.085 | 13.114 | VV     | 21980   | 335718   | 1.74%   | 0.077% |
| 198 | 13.138 | 13.114 | 13.150 | VV     | 41083   | 646668   | 3.35%   | 0.149% |
| 199 | 13.188 | 13.150 | 13.204 | VV     | 71201   | 1549572  | 8.03%   | 0.358% |

|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
|     |        |        |        |    | rteres  |          |        |        |
| 200 | 13.218 | 13.204 | 13.274 | VV | 57911   | 1380754  | 7.16%  | 0.319% |
| 201 | 13.315 | 13.274 | 13.338 | VV | 1140021 | 15553433 | 80.62% | 3.590% |
| 202 | 13.384 | 13.338 | 13.421 | VV | 343698  | 6606018  | 34.24% | 1.525% |
| 203 | 13.439 | 13.421 | 13.451 | VV | 23107   | 390226   | 2.02%  | 0.090% |
| 204 | 13.473 | 13.451 | 13.487 | VV | 62554   | 887512   | 4.60%  | 0.205% |
| 205 | 13.501 | 13.487 | 13.527 | VV | 62425   | 947801   | 4.91%  | 0.219% |
| 206 | 13.567 | 13.527 | 13.593 | VV | 80752   | 1496415  | 7.76%  | 0.345% |
| 207 | 13.605 | 13.593 | 13.611 | VV | 25576   | 257899   | 1.34%  | 0.060% |
| 208 | 13.636 | 13.611 | 13.667 | VV | 35613   | 904947   | 4.69%  | 0.209% |
| 209 | 13.696 | 13.667 | 13.734 | VV | 55760   | 1258689  | 6.52%  | 0.291% |
| 210 | 13.759 | 13.734 | 13.829 | VV | 107590  | 2500542  | 12.96% | 0.577% |
| 211 | 13.891 | 13.829 | 13.929 | VV | 205848  | 4299119  | 22.28% | 0.992% |
| 212 | 13.954 | 13.929 | 13.972 | VV | 40395   | 786270   | 4.08%  | 0.181% |
| 213 | 13.998 | 13.972 | 14.018 | VV | 135982  | 2008964  | 10.41% | 0.464% |
| 214 | 14.037 | 14.018 | 14.059 | VV | 119921  | 1724745  | 8.94%  | 0.398% |
| 215 | 14.076 | 14.059 | 14.098 | VV | 55252   | 937540   | 4.86%  | 0.216% |
| 216 | 14.167 | 14.098 | 14.188 | VV | 109981  | 3056202  | 15.84% | 0.705% |
| 217 | 14.207 | 14.188 | 14.246 | VV | 105349  | 1753623  | 9.09%  | 0.405% |
| 218 | 14.280 | 14.246 | 14.299 | VV | 36579   | 895794   | 4.64%  | 0.207% |
| 219 | 14.324 | 14.299 | 14.345 | VV | 28124   | 703381   | 3.65%  | 0.162% |
| 220 | 14.366 | 14.345 | 14.379 | VV | 27504   | 536887   | 2.78%  | 0.124% |
| 221 | 14.389 | 14.379 | 14.405 | VV | 24945   | 373548   | 1.94%  | 0.086% |
| 222 | 14.414 | 14.405 | 14.432 | VV | 23151   | 348320   | 1.81%  | 0.080% |
| 223 | 14.446 | 14.432 | 14.457 | VV | 22395   | 308538   | 1.60%  | 0.071% |
| 224 | 14.473 | 14.457 | 14.501 | VV | 24614   | 562814   | 2.92%  | 0.130% |
| 225 | 14.525 | 14.501 | 14.539 | VV | 21397   | 435987   | 2.26%  | 0.101% |
| 226 | 14.589 | 14.539 | 14.606 | VV | 49970   | 1547017  | 8.02%  | 0.357% |
| 227 | 14.627 | 14.606 | 14.660 | VV | 107202  | 1874905  | 9.72%  | 0.433% |
| 228 | 14.695 | 14.660 | 14.711 | VV | 43891   | 1073207  | 5.56%  | 0.248% |
| 229 | 14.726 | 14.711 | 14.771 | VV | 44093   | 1194078  | 6.19%  | 0.276% |
| 230 | 14.802 | 14.771 | 14.826 | VV | 120619  | 2247569  | 11.65% | 0.519% |
| 231 | 14.867 | 14.826 | 14.891 | VV | 194483  | 3513326  | 18.21% | 0.811% |
| 232 | 14.931 | 14.891 | 14.968 | VV | 119785  | 3052559  | 15.82% | 0.705% |
| 233 | 14.988 | 14.968 | 15.006 | VV | 41716   | 784284   | 4.07%  | 0.181% |
| 234 | 15.051 | 15.006 | 15.105 | VV | 59949   | 2221325  | 11.51% | 0.513% |
| 235 | 15.135 | 15.105 | 15.150 | VV | 53964   | 1018878  | 5.28%  | 0.235% |
| 236 | 15.186 | 15.150 | 15.207 | VV | 520586  | 8169650  | 42.35% | 1.886% |
| 237 | 15.230 | 15.207 | 15.256 | VV | 619492  | 8181851  | 42.41% | 1.889% |
| 238 | 15.267 | 15.256 | 15.297 | VV | 51629   | 1056209  | 5.47%  | 0.244% |
| 239 | 15.343 | 15.297 | 15.394 | VV | 170257  | 4030793  | 20.89% | 0.930% |
| 240 | 15.417 | 15.394 | 15.453 | VV | 51479   | 1443954  | 7.48%  | 0.333% |
| 241 | 15.485 | 15.453 | 15.502 | VV | 64883   | 1379634  | 7.15%  | 0.318% |
| 242 | 15.522 | 15.502 | 15.595 | VV | 69998   | 2623879  | 13.60% | 0.606% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 243 | 15.622 | 15.595 | 15.651 | VV | 67745  | 1709482  | 8.86%  | 0.395% |
| 244 | 15.663 | 15.651 | 15.696 | VV | 46038  | 993152   | 5.15%  | 0.229% |
| 245 | 15.754 | 15.696 | 15.781 | VV | 42974  | 1843207  | 9.55%  | 0.425% |
| 246 | 15.808 | 15.781 | 15.825 | VV | 54061  | 1145378  | 5.94%  | 0.264% |
| 247 | 15.852 | 15.825 | 15.873 | VV | 149850 | 2520738  | 13.07% | 0.582% |
| 248 | 15.890 | 15.873 | 15.919 | VV | 82156  | 1616734  | 8.38%  | 0.373% |
| 249 | 15.936 | 15.919 | 15.952 | VV | 56095  | 973250   | 5.04%  | 0.225% |
| 250 | 15.962 | 15.952 | 15.967 | VV | 47716  | 418595   | 2.17%  | 0.097% |
| 251 | 16.010 | 15.967 | 16.050 | VV | 106331 | 3581698  | 18.57% | 0.827% |
| 252 | 16.087 | 16.050 | 16.114 | VV | 64832  | 1779505  | 9.22%  | 0.411% |
| 253 | 16.130 | 16.114 | 16.151 | VV | 37760  | 765070   | 3.97%  | 0.177% |
| 254 | 16.173 | 16.151 | 16.196 | VV | 53124  | 1116567  | 5.79%  | 0.258% |
| 255 | 16.217 | 16.196 | 16.231 | VV | 41448  | 774974   | 4.02%  | 0.179% |
| 256 | 16.255 | 16.231 | 16.269 | VV | 47034  | 961919   | 4.99%  | 0.222% |
| 257 | 16.277 | 16.269 | 16.308 | VV | 44170  | 907671   | 4.70%  | 0.210% |
| 258 | 16.322 | 16.308 | 16.330 | VV | 30940  | 399893   | 2.07%  | 0.092% |
| 259 | 16.350 | 16.330 | 16.366 | VV | 34570  | 707987   | 3.67%  | 0.163% |
| 260 | 16.381 | 16.366 | 16.395 | VV | 32245  | 529919   | 2.75%  | 0.122% |
| 261 | 16.412 | 16.395 | 16.421 | VV | 31491  | 488182   | 2.53%  | 0.113% |
| 262 | 16.451 | 16.421 | 16.463 | VV | 47423  | 1024827  | 5.31%  | 0.237% |
| 263 | 16.474 | 16.463 | 16.503 | VV | 46790  | 1022592  | 5.30%  | 0.236% |
| 264 | 16.526 | 16.503 | 16.544 | VV | 58899  | 1157397  | 6.00%  | 0.267% |
| 265 | 16.554 | 16.544 | 16.574 | VV | 46987  | 780637   | 4.05%  | 0.180% |
| 266 | 16.651 | 16.574 | 16.699 | VV | 66048  | 3686564  | 19.11% | 0.851% |
| 267 | 16.752 | 16.699 | 16.843 | VV | 568059 | 15318119 | 79.40% | 3.536% |
| 268 | 16.872 | 16.843 | 16.893 | VV | 158487 | 2721596  | 14.11% | 0.628% |
| 269 | 16.905 | 16.893 | 16.949 | VV | 65379  | 1795710  | 9.31%  | 0.414% |
| 270 | 16.961 | 16.949 | 16.971 | VV | 46883  | 600919   | 3.11%  | 0.139% |
| 271 | 16.992 | 16.971 | 17.007 | VV | 59043  | 1118537  | 5.80%  | 0.258% |
| 272 | 17.070 | 17.007 | 17.096 | VV | 386846 | 8847006  | 45.86% | 2.042% |
| 273 | 17.130 | 17.096 | 17.171 | VV | 453368 | 7816941  | 40.52% | 1.804% |
| 274 | 17.223 | 17.171 | 17.250 | VV | 172159 | 4210642  | 21.83% | 0.972% |
| 275 | 17.271 | 17.250 | 17.305 | VV | 72194  | 1961187  | 10.17% | 0.453% |
| 276 | 17.361 | 17.305 | 17.405 | VV | 80663  | 3956932  | 20.51% | 0.913% |
| 277 | 17.421 | 17.405 | 17.440 | VV | 63336  | 1234749  | 6.40%  | 0.285% |
| 278 | 17.481 | 17.440 | 17.555 | VV | 98005  | 4850491  | 25.14% | 1.120% |
| 279 | 17.580 | 17.555 | 17.591 | VV | 62123  | 1186609  | 6.15%  | 0.274% |
| 280 | 17.621 | 17.591 | 17.631 | VV | 79752  | 1683610  | 8.73%  | 0.389% |
| 281 | 17.644 | 17.631 | 17.678 | VV | 84900  | 1922069  | 9.96%  | 0.444% |
| 282 | 17.704 | 17.678 | 17.720 | VV | 66844  | 1499222  | 7.77%  | 0.346% |
| 283 | 17.733 | 17.720 | 17.751 | VV | 60794  | 1047982  | 5.43%  | 0.242% |
| 284 | 17.777 | 17.751 | 17.802 | VV | 94229  | 2173817  | 11.27% | 0.502% |
| 285 | 17.811 | 17.802 | 17.854 | VV | 60847  | 1731102  | 8.97%  | 0.400% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 286 | 17.884 | 17.854 | 17.940 | VV | 55274  | 2624540 | 13.60% | 0.606% |
| 287 | 17.956 | 17.940 | 17.972 | VV | 49496  | 922057  | 4.78%  | 0.213% |
| 288 | 17.988 | 17.972 | 18.006 | VV | 48857  | 951630  | 4.93%  | 0.220% |
| 289 | 18.088 | 18.006 | 18.133 | VV | 63046  | 4186554 | 21.70% | 0.966% |
| 290 | 18.209 | 18.133 | 18.228 | VV | 71270  | 3380305 | 17.52% | 0.780% |
| 291 | 18.264 | 18.228 | 18.310 | VV | 76006  | 3228274 | 16.73% | 0.745% |
| 292 | 18.333 | 18.310 | 18.366 | VV | 57895  | 1843898 | 9.56%  | 0.426% |
| 293 | 18.397 | 18.366 | 18.458 | VV | 120653 | 4262334 | 22.09% | 0.984% |
| 294 | 18.495 | 18.458 | 18.557 | VV | 274619 | 7637146 | 39.59% | 1.763% |
| 295 | 18.572 | 18.557 | 18.593 | VV | 75138  | 1490988 | 7.73%  | 0.344% |
| 296 | 18.618 | 18.593 | 18.637 | VV | 106064 | 2165301 | 11.22% | 0.500% |
| 297 | 18.652 | 18.637 | 18.715 | VV | 85066  | 3133313 | 16.24% | 0.723% |
| 298 | 18.750 | 18.715 | 18.805 | VV | 286286 | 6317629 | 32.75% | 1.458% |
| 299 | 18.824 | 18.805 | 18.843 | VV | 71111  | 1500184 | 7.78%  | 0.346% |
| 300 | 18.875 | 18.843 | 18.901 | VV | 104669 | 2637438 | 13.67% | 0.609% |
| 301 | 18.919 | 18.901 | 18.949 | VV | 61159  | 1636851 | 8.48%  | 0.378% |
| 302 | 18.970 | 18.949 | 18.998 | VV | 57964  | 1600506 | 8.30%  | 0.369% |
| 303 | 19.048 | 18.998 | 19.067 | VV | 62108  | 2394666 | 12.41% | 0.553% |
| 304 | 19.083 | 19.067 | 19.113 | VV | 58219  | 1554003 | 8.05%  | 0.359% |
| 305 | 19.172 | 19.113 | 19.194 | VV | 64419  | 2765960 | 14.34% | 0.638% |
| 306 | 19.209 | 19.194 | 19.231 | VV | 57006  | 1232725 | 6.39%  | 0.285% |
| 307 | 19.253 | 19.231 | 19.270 | VV | 65999  | 1389006 | 7.20%  | 0.321% |
| 308 | 19.316 | 19.270 | 19.384 | VV | 66423  | 4061573 | 21.05% | 0.937% |
| 309 | 19.420 | 19.384 | 19.438 | VV | 64601  | 1893415 | 9.81%  | 0.437% |
| 310 | 19.452 | 19.438 | 19.478 | VV | 64033  | 1390496 | 7.21%  | 0.321% |
| 311 | 19.493 | 19.478 | 19.507 | VV | 50691  | 875947  | 4.54%  | 0.202% |
| 312 | 19.523 | 19.507 | 19.544 | VV | 50625  | 1110789 | 5.76%  | 0.256% |
| 313 | 19.567 | 19.544 | 19.578 | VV | 51473  | 1016346 | 5.27%  | 0.235% |
| 314 | 19.592 | 19.578 | 19.604 | VV | 51159  | 800979  | 4.15%  | 0.185% |
| 315 | 19.614 | 19.604 | 19.647 | VV | 51201  | 1251512 | 6.49%  | 0.289% |
| 316 | 19.696 | 19.647 | 19.712 | VV | 51593  | 1860889 | 9.65%  | 0.430% |
| 317 | 19.738 | 19.712 | 19.794 | VV | 58366  | 2654511 | 13.76% | 0.613% |
| 318 | 19.822 | 19.794 | 19.857 | VV | 57559  | 1973958 | 10.23% | 0.456% |
| 319 | 19.895 | 19.857 | 19.938 | VV | 103977 | 3498190 | 18.13% | 0.807% |
| 320 | 19.965 | 19.938 | 20.005 | VV | 96150  | 3061430 | 15.87% | 0.707% |
| 321 | 20.015 | 20.005 | 20.030 | VV | 68684  | 1020760 | 5.29%  | 0.236% |
| 322 | 20.058 | 20.030 | 20.154 | VV | 90908  | 5042903 | 26.14% | 1.164% |
| 323 | 20.177 | 20.154 | 20.218 | VV | 61141  | 2166087 | 11.23% | 0.500% |
| 324 | 20.268 | 20.218 | 20.315 | VV | 90824  | 4011912 | 20.80% | 0.926% |
| 325 | 20.340 | 20.315 | 20.383 | VV | 68440  | 2633462 | 13.65% | 0.608% |
| 326 | 20.409 | 20.383 | 20.461 | VV | 64842  | 2813761 | 14.58% | 0.649% |
| 327 | 20.472 | 20.461 | 20.478 | VV | 56102  | 562128  | 2.91%  | 0.130% |
| 328 | 20.488 | 20.478 | 20.506 | VV | 56538  | 952136  | 4.94%  | 0.220% |
| 329 | 20.555 | 20.506 | 20.598 | VV | 60694  | 3223360 | 16.71% | 0.744% |



|     |        |        |        |     |       |         |        |        |
|-----|--------|--------|--------|-----|-------|---------|--------|--------|
|     |        |        |        |     | rters |         |        |        |
| 330 | 20.618 | 20.598 | 20.670 | VV  | 60390 | 2480313 | 12.86% | 0.572% |
| 331 | 20.693 | 20.670 | 20.732 | VV  | 55943 | 2051647 | 10.63% | 0.474% |
| 332 | 20.800 | 20.732 | 20.818 | VV  | 56978 | 2831331 | 14.68% | 0.654% |
| 333 | 20.841 | 20.818 | 20.885 | VV  | 55033 | 2163364 | 11.21% | 0.499% |
| 334 | 20.916 | 20.885 | 20.995 | VV  | 53796 | 3366689 | 17.45% | 0.777% |
| 335 | 21.096 | 20.995 | 21.151 | VV  | 49838 | 4487132 | 23.26% | 1.036% |
| 336 | 21.177 | 21.151 | 21.227 | VV  | 48081 | 2073863 | 10.75% | 0.479% |
| 337 | 21.271 | 21.227 | 21.345 | VV  | 44362 | 3020696 | 15.66% | 0.697% |
| 338 | 21.377 | 21.345 | 21.425 | VV  | 43337 | 2026846 | 10.51% | 0.468% |
| 339 | 21.441 | 21.425 | 21.532 | VV  | 41791 | 2541548 | 13.17% | 0.587% |
| 340 | 21.609 | 21.532 | 21.637 | VV  | 38632 | 2382451 | 12.35% | 0.550% |
| 341 | 21.653 | 21.637 | 21.701 | VV  | 38091 | 1462921 | 7.58%  | 0.338% |
| 342 | 21.707 | 21.701 | 21.718 | VV  | 37837 | 375395  | 1.95%  | 0.087% |
| 343 | 21.727 | 21.718 | 21.805 | VV  | 37328 | 1855334 | 9.62%  | 0.428% |
| 344 | 21.819 | 21.805 | 21.933 | VV  | 34230 | 2451004 | 12.70% | 0.566% |
| 345 | 21.977 | 21.933 | 21.987 | VV  | 30187 | 964903  | 5.00%  | 0.223% |
| 346 | 21.995 | 21.987 | 22.002 | VV  | 29915 | 258846  | 1.34%  | 0.060% |
| 347 | 22.039 | 22.002 | 22.064 | VV  | 31014 | 1139450 | 5.91%  | 0.263% |
| 348 | 22.094 | 22.064 | 22.130 | VV  | 31852 | 1225269 | 6.35%  | 0.283% |
| 349 | 22.141 | 22.130 | 22.174 | VV  | 30132 | 770576  | 3.99%  | 0.178% |
| 350 | 22.190 | 22.174 | 22.301 | VBA | 29196 | 2091923 | 10.84% | 0.483% |

Sum of corrected areas: 433243731

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