

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071723AL\  
 Data File : FE043252.D  
 Signal(s) : FID1B.ch  
 Acq On : 17 Jul 2023 11:56  
 Sample : 03613-01DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.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         | 3.279       | 3.245        | 3.288      | BV       | 89             | -409         | -0.00%         | -0.000%       |
| 2         | 3.294       | 3.288        | 3.318      | VV       | 149            | 1245         | 0.00%          | 0.001%        |
| 3         | 3.332       | 3.318        | 3.377      | PV       | 86             | 1847         | 0.01%          | 0.002%        |
| 4         | 3.418       | 3.377        | 3.436      | PV       | 184            | 3842         | 0.01%          | 0.003%        |
| 5         | 3.467       | 3.436        | 3.548      | VV       | 220            | 6271         | 0.02%          | 0.005%        |
| 6         | 3.561       | 3.548        | 3.572      | VV       | 156            | 1346         | 0.00%          | 0.001%        |
| 7         | 3.592       | 3.572        | 3.608      | VV       | 385            | 4289         | 0.01%          | 0.004%        |
| 8         | 3.616       | 3.608        | 3.635      | VV       | 211            | 2642         | 0.01%          | 0.002%        |
| 9         | 3.649       | 3.635        | 3.688      | VV       | 132            | 3373         | 0.01%          | 0.003%        |
| 10        | 3.705       | 3.688        | 3.718      | VV       | 453            | 5788         | 0.02%          | 0.005%        |
| 11        | 3.756       | 3.718        | 3.796      | VV       | 1883           | 34257        | 0.11%          | 0.028%        |
| 12        | 3.808       | 3.796        | 3.841      | VV       | 302            | 5536         | 0.02%          | 0.005%        |
| 13        | 3.870       | 3.841        | 3.945      | VV       | 1391           | 30173        | 0.09%          | 0.025%        |
| 14        | 3.966       | 3.945        | 4.024      | PV       | 937            | 20118        | 0.06%          | 0.016%        |
| 15        | 4.072       | 4.024        | 4.088      | VV       | 1074           | 15232        | 0.05%          | 0.012%        |
| 16        | 4.102       | 4.088        | 4.125      | VV       | 618            | 8600         | 0.03%          | 0.007%        |
| 17        | 4.150       | 4.125        | 4.163      | VV       | 540            | 9402         | 0.03%          | 0.008%        |
| 18        | 4.179       | 4.163        | 4.202      | VV       | 766            | 10188        | 0.03%          | 0.008%        |
| 19        | 4.259       | 4.202        | 4.289      | VV       | 2012           | 47043        | 0.15%          | 0.039%        |
| 20        | 4.303       | 4.289        | 4.331      | VV       | 1202           | 18950        | 0.06%          | 0.016%        |
| 21        | 4.341       | 4.331        | 4.391      | VV       | 560            | 9538         | 0.03%          | 0.008%        |
| 22        | 4.424       | 4.391        | 4.448      | PV       | 657            | 10717        | 0.03%          | 0.009%        |
| 23        | 4.471       | 4.448        | 4.495      | VV       | 1243           | 16982        | 0.05%          | 0.014%        |
| 24        | 4.531       | 4.495        | 4.554      | VV       | 2739           | 36893        | 0.11%          | 0.030%        |
| 25        | 4.571       | 4.554        | 4.589      | VV       | 1608           | 18178        | 0.06%          | 0.015%        |
| 26        | 4.607       | 4.589        | 4.627      | VV       | 1199           | 14332        | 0.04%          | 0.012%        |
| 27        | 4.643       | 4.627        | 4.671      | VV       | 531            | 7172         | 0.02%          | 0.006%        |
| 28        | 4.707       | 4.671        | 4.727      | PV       | 849            | 18652        | 0.06%          | 0.015%        |
| 29        | 4.744       | 4.727        | 4.774      | VV       | 997            | 19580        | 0.06%          | 0.016%        |
| 30        | 4.783       | 4.774        | 4.797      | VV       | 567            | 5776         | 0.02%          | 0.005%        |
| 31        | 4.815       | 4.797        | 4.828      | VV       | 2195           | 22511        | 0.07%          | 0.018%        |

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|----|-------|-------|-------|----|---------|--------|-------|--------|
| 32 | 4.838 | 4.828 | 4.855 | VV | 1745    | 18239  | 0.06% | 0.015% |
| 33 | 4.873 | 4.855 | 4.884 | VV | 1494    | 18653  | 0.06% | 0.015% |
| 34 | 4.895 | 4.884 | 4.912 | VV | 1687    | 18390  | 0.06% | 0.015% |
| 35 | 4.950 | 4.912 | 4.978 | VV | 2581    | 55497  | 0.17% | 0.045% |
| 36 | 4.995 | 4.978 | 5.015 | VV | 2489    | 35664  | 0.11% | 0.029% |
| 37 | 5.038 | 5.015 | 5.085 | VV | 5236    | 80228  | 0.25% | 0.066% |
| 38 | 5.112 | 5.085 | 5.131 | VV | 2139    | 28166  | 0.09% | 0.023% |
| 39 | 5.145 | 5.131 | 5.175 | VV | 945     | 12719  | 0.04% | 0.010% |
| 40 | 5.209 | 5.175 | 5.221 | VV | 1593    | 19896  | 0.06% | 0.016% |
| 41 | 5.239 | 5.221 | 5.267 | VV | 3714    | 56943  | 0.18% | 0.047% |
| 42 | 5.286 | 5.267 | 5.302 | VV | 2968    | 37661  | 0.12% | 0.031% |
| 43 | 5.319 | 5.302 | 5.338 | VV | 3223    | 46465  | 0.14% | 0.038% |
| 44 | 5.351 | 5.338 | 5.388 | VV | 2660    | 38973  | 0.12% | 0.032% |
| 45 | 5.402 | 5.388 | 5.427 | VV | 361     | 5947   | 0.02% | 0.005% |
| 46 | 5.450 | 5.427 | 5.462 | PV | 2166    | 25165  | 0.08% | 0.021% |
| 47 | 5.473 | 5.462 | 5.495 | VV | 1825    | 27011  | 0.08% | 0.022% |
| 48 | 5.515 | 5.495 | 5.533 | VV | 3054    | 52082  | 0.16% | 0.043% |
| 49 | 5.547 | 5.533 | 5.584 | VV | 3987    | 64738  | 0.20% | 0.053% |
| 50 | 5.610 | 5.584 | 5.626 | VV | 2467    | 38397  | 0.12% | 0.031% |
| 51 | 5.637 | 5.626 | 5.648 | VV | 1097    | 10470  | 0.03% | 0.009% |
| 52 | 5.672 | 5.648 | 5.721 | VV | 15218   | 266045 | 0.82% | 0.218% |
| 53 | 5.740 | 5.721 | 5.776 | VV | 1141    | 25165  | 0.08% | 0.021% |
| 54 | 5.797 | 5.776 | 5.811 | VV | 1051    | 14131  | 0.04% | 0.012% |
| 55 | 5.822 | 5.811 | 5.831 | VV | 776     | 7629   | 0.02% | 0.006% |
| 56 | 5.852 | 5.831 | 5.915 | VV | 6396    | 138235 | 0.43% | 0.113% |
| 57 | 5.934 | 5.915 | 5.946 | VV | 3456    | 38552  | 0.12% | 0.032% |
| 58 | 5.966 | 5.946 | 6.009 | VV | 8446    | 189269 | 0.59% | 0.155% |
| 59 | 6.025 | 6.009 | 6.045 | VV | 2783    | 50629  | 0.16% | 0.041% |
| 60 | 6.060 | 6.045 | 6.089 | VV | 8557    | 129480 | 0.40% | 0.106% |
| 61 | 6.102 | 6.089 | 6.135 | VV | 3412    | 67993  | 0.21% | 0.056% |
| 62 | 6.149 | 6.135 | 6.167 | VV | 5025    | 61647  | 0.19% | 0.050% |
| 63 | 6.201 | 6.167 | 6.222 | VV | 5283    | 104660 | 0.32% | 0.086% |
| 64 | 6.256 | 6.222 | 6.270 | VV | 3991    | 89113  | 0.28% | 0.073% |
| 65 | 6.296 | 6.270 | 6.319 | VV | 5618    | 114420 | 0.35% | 0.094% |
| 66 | 6.345 | 6.319 | 6.364 | VV | 5461    | 79504  | 0.25% | 0.065% |
| 67 | 6.387 | 6.364 | 6.399 | VV | 6438    | 94739  | 0.29% | 0.078% |
| 68 | 6.410 | 6.399 | 6.456 | VV | 6335    | 160213 | 0.50% | 0.131% |
| 69 | 6.474 | 6.456 | 6.504 | VV | 5889    | 115846 | 0.36% | 0.095% |
| 70 | 6.524 | 6.504 | 6.553 | VV | 7031    | 130093 | 0.40% | 0.106% |
| 71 | 6.575 | 6.553 | 6.600 | VV | 4053    | 88061  | 0.27% | 0.072% |
| 72 | 6.628 | 6.600 | 6.658 | VV | 9362    | 188054 | 0.58% | 0.154% |
| 73 | 6.669 | 6.658 | 6.681 | VV | 3820    | 47360  | 0.15% | 0.039% |
| 74 | 6.702 | 6.681 | 6.770 | VV | 26421   | 410821 | 1.27% | 0.336% |
| 75 | 6.792 | 6.770 | 6.805 | VV | 4151    | 64081  | 0.20% | 0.052% |
| 76 | 6.823 | 6.805 | 6.836 | VV | 5534    | 82386  | 0.25% | 0.067% |
| 77 | 6.855 | 6.836 | 6.882 | VV | 13571   | 205733 | 0.64% | 0.168% |
| 78 | 6.904 | 6.882 | 6.919 | VV | 6060    | 103866 | 0.32% | 0.085% |
| 79 | 6.928 | 6.919 | 6.942 | VV | 4443    | 52158  | 0.16% | 0.043% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
| 80  | 6.961 | 6.942 | 6.970 | VV | 4940   | 71903   | 0.22% | 0.059% |
| 81  | 6.987 | 6.970 | 7.008 | VV | 9536   | 129468  | 0.40% | 0.106% |
| 82  | 7.029 | 7.008 | 7.079 | VV | 6557   | 203803  | 0.63% | 0.167% |
| 83  | 7.110 | 7.079 | 7.140 | VV | 20784  | 321210  | 0.99% | 0.263% |
| 84  | 7.153 | 7.140 | 7.165 | VV | 4150   | 57827   | 0.18% | 0.047% |
| 85  | 7.186 | 7.165 | 7.199 | VV | 5514   | 94423   | 0.29% | 0.077% |
| 86  | 7.233 | 7.199 | 7.255 | VV | 10766  | 232966  | 0.72% | 0.191% |
| 87  | 7.277 | 7.255 | 7.303 | VV | 13150  | 205362  | 0.63% | 0.168% |
| 88  | 7.344 | 7.303 | 7.367 | VV | 14139  | 329003  | 1.02% | 0.269% |
| 89  | 7.382 | 7.367 | 7.401 | VV | 8468   | 122693  | 0.38% | 0.100% |
| 90  | 7.423 | 7.401 | 7.462 | VV | 16575  | 294805  | 0.91% | 0.241% |
| 91  | 7.486 | 7.462 | 7.506 | VV | 8180   | 156286  | 0.48% | 0.128% |
| 92  | 7.523 | 7.506 | 7.541 | VV | 7086   | 105855  | 0.33% | 0.087% |
| 93  | 7.557 | 7.541 | 7.581 | VV | 4649   | 102922  | 0.32% | 0.084% |
| 94  | 7.650 | 7.581 | 7.674 | VV | 47189  | 901134  | 2.79% | 0.738% |
| 95  | 7.689 | 7.674 | 7.713 | VV | 9054   | 170530  | 0.53% | 0.140% |
| 96  | 7.722 | 7.713 | 7.760 | VV | 7228   | 169822  | 0.53% | 0.139% |
| 97  | 7.773 | 7.760 | 7.788 | VV | 4847   | 72048   | 0.22% | 0.059% |
| 98  | 7.825 | 7.788 | 7.862 | VV | 18217  | 400168  | 1.24% | 0.328% |
| 99  | 7.880 | 7.862 | 7.900 | VV | 7750   | 125700  | 0.39% | 0.103% |
| 100 | 7.920 | 7.900 | 7.935 | VV | 5884   | 94854   | 0.29% | 0.078% |
| 101 | 7.968 | 7.935 | 8.007 | VV | 135087 | 1702441 | 5.26% | 1.393% |
| 102 | 8.022 | 8.007 | 8.063 | VV | 11121  | 266434  | 0.82% | 0.218% |
| 103 | 8.084 | 8.063 | 8.099 | VV | 11211  | 187903  | 0.58% | 0.154% |
| 104 | 8.131 | 8.099 | 8.151 | VV | 10937  | 289507  | 0.90% | 0.237% |
| 105 | 8.177 | 8.151 | 8.198 | VV | 12422  | 229863  | 0.71% | 0.188% |
| 106 | 8.224 | 8.198 | 8.243 | VV | 14146  | 238253  | 0.74% | 0.195% |
| 107 | 8.262 | 8.243 | 8.272 | VV | 15813  | 201365  | 0.62% | 0.165% |
| 108 | 8.283 | 8.272 | 8.308 | VV | 16922  | 237416  | 0.73% | 0.194% |
| 109 | 8.350 | 8.308 | 8.387 | VV | 20612  | 444821  | 1.38% | 0.364% |
| 110 | 8.398 | 8.387 | 8.421 | VV | 6579   | 122603  | 0.38% | 0.100% |
| 111 | 8.441 | 8.421 | 8.468 | VV | 12129  | 254089  | 0.79% | 0.208% |
| 112 | 8.531 | 8.468 | 8.559 | VV | 62182  | 1143026 | 3.53% | 0.936% |
| 113 | 8.574 | 8.559 | 8.595 | VV | 12267  | 213861  | 0.66% | 0.175% |
| 114 | 8.636 | 8.595 | 8.662 | VV | 11219  | 352142  | 1.09% | 0.288% |
| 115 | 8.694 | 8.662 | 8.707 | VV | 10827  | 243757  | 0.75% | 0.200% |
| 116 | 8.720 | 8.707 | 8.735 | VV | 11495  | 155625  | 0.48% | 0.127% |
| 117 | 8.755 | 8.735 | 8.794 | VV | 15073  | 342530  | 1.06% | 0.280% |
| 118 | 8.847 | 8.794 | 8.879 | VV | 73654  | 1163579 | 3.60% | 0.952% |
| 119 | 8.890 | 8.879 | 8.920 | VV | 13603  | 314443  | 0.97% | 0.257% |
| 120 | 8.950 | 8.920 | 8.967 | VV | 14324  | 354014  | 1.09% | 0.290% |
| 121 | 8.982 | 8.967 | 9.006 | VV | 14104  | 289769  | 0.90% | 0.237% |
| 122 | 9.024 | 9.006 | 9.042 | VV | 13515  | 248819  | 0.77% | 0.204% |
| 123 | 9.071 | 9.042 | 9.098 | VV | 30840  | 535910  | 1.66% | 0.439% |
| 124 | 9.125 | 9.098 | 9.165 | VV | 13387  | 368625  | 1.14% | 0.302% |
| 125 | 9.188 | 9.165 | 9.206 | VV | 9964   | 213689  | 0.66% | 0.175% |
| 126 | 9.221 | 9.206 | 9.241 | VV | 10889  | 192054  | 0.59% | 0.157% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 127 | 9.259  | 9.241  | 9.273  | VV | 9732   | 165024  | 0.51% | 0.135% |
| 128 | 9.294  | 9.273  | 9.320  | VV | 11085  | 274257  | 0.85% | 0.224% |
| 129 | 9.358  | 9.320  | 9.425  | VV | 74898  | 1267354 | 3.92% | 1.037% |
| 130 | 9.444  | 9.425  | 9.470  | VV | 11008  | 236998  | 0.73% | 0.194% |
| 131 | 9.507  | 9.470  | 9.530  | VV | 8844   | 274003  | 0.85% | 0.224% |
| 132 | 9.560  | 9.530  | 9.574  | VV | 9135   | 191724  | 0.59% | 0.157% |
| 133 | 9.591  | 9.574  | 9.628  | VV | 10948  | 263728  | 0.82% | 0.216% |
| 134 | 9.646  | 9.628  | 9.677  | VV | 10261  | 248066  | 0.77% | 0.203% |
| 135 | 9.694  | 9.677  | 9.709  | VV | 8875   | 147124  | 0.45% | 0.120% |
| 136 | 9.735  | 9.709  | 9.765  | VV | 20134  | 445231  | 1.38% | 0.364% |
| 137 | 9.778  | 9.765  | 9.791  | VV | 10886  | 150712  | 0.47% | 0.123% |
| 138 | 9.817  | 9.791  | 9.843  | VV | 15138  | 357741  | 1.11% | 0.293% |
| 139 | 9.866  | 9.843  | 9.885  | VV | 15013  | 277112  | 0.86% | 0.227% |
| 140 | 9.895  | 9.885  | 9.901  | VV | 9647   | 87268   | 0.27% | 0.071% |
| 141 | 9.918  | 9.901  | 9.945  | VV | 14670  | 269268  | 0.83% | 0.220% |
| 142 | 9.970  | 9.945  | 10.004 | VV | 7549   | 240208  | 0.74% | 0.197% |
| 143 | 10.023 | 10.004 | 10.035 | VV | 6654   | 117754  | 0.36% | 0.096% |
| 144 | 10.055 | 10.035 | 10.067 | VV | 8312   | 140375  | 0.43% | 0.115% |
| 145 | 10.093 | 10.067 | 10.116 | VV | 14069  | 327376  | 1.01% | 0.268% |
| 146 | 10.139 | 10.116 | 10.188 | VV | 78729  | 1087383 | 3.36% | 0.890% |
| 147 | 10.216 | 10.188 | 10.232 | VV | 8441   | 208431  | 0.64% | 0.171% |
| 148 | 10.241 | 10.232 | 10.291 | VV | 8009   | 218098  | 0.67% | 0.179% |
| 149 | 10.315 | 10.291 | 10.341 | VV | 8266   | 193611  | 0.60% | 0.158% |
| 150 | 10.354 | 10.341 | 10.363 | VV | 5845   | 76213   | 0.24% | 0.062% |
| 151 | 10.374 | 10.363 | 10.395 | VV | 5979   | 109680  | 0.34% | 0.090% |
| 152 | 10.414 | 10.395 | 10.438 | VV | 6915   | 158109  | 0.49% | 0.129% |
| 153 | 10.485 | 10.438 | 10.501 | VV | 12106  | 300865  | 0.93% | 0.246% |
| 154 | 10.528 | 10.501 | 10.558 | VV | 30132  | 572240  | 1.77% | 0.468% |
| 155 | 10.580 | 10.558 | 10.600 | VV | 11074  | 227999  | 0.70% | 0.187% |
| 156 | 10.618 | 10.600 | 10.642 | VV | 13604  | 245428  | 0.76% | 0.201% |
| 157 | 10.672 | 10.642 | 10.701 | VV | 14194  | 307362  | 0.95% | 0.252% |
| 158 | 10.725 | 10.701 | 10.741 | VV | 5590   | 124294  | 0.38% | 0.102% |
| 159 | 10.790 | 10.741 | 10.840 | VV | 7894   | 389046  | 1.20% | 0.318% |
| 160 | 10.880 | 10.840 | 10.916 | VV | 70715  | 1056541 | 3.27% | 0.865% |
| 161 | 10.951 | 10.916 | 10.985 | VV | 28892  | 633264  | 1.96% | 0.518% |
| 162 | 10.998 | 10.985 | 11.035 | VV | 8024   | 191299  | 0.59% | 0.157% |
| 163 | 11.074 | 11.035 | 11.083 | VV | 5487   | 145804  | 0.45% | 0.119% |
| 164 | 11.095 | 11.083 | 11.112 | VV | 5998   | 95364   | 0.29% | 0.078% |
| 165 | 11.145 | 11.112 | 11.178 | VV | 13868  | 339744  | 1.05% | 0.278% |
| 166 | 11.220 | 11.178 | 11.241 | VV | 11372  | 344293  | 1.06% | 0.282% |
| 167 | 11.270 | 11.241 | 11.314 | VV | 12866  | 378696  | 1.17% | 0.310% |
| 168 | 11.334 | 11.314 | 11.369 | VV | 10216  | 218719  | 0.68% | 0.179% |
| 169 | 11.387 | 11.369 | 11.419 | VV | 8919   | 172832  | 0.53% | 0.141% |
| 170 | 11.442 | 11.419 | 11.470 | VV | 5238   | 136300  | 0.42% | 0.112% |
| 171 | 11.506 | 11.470 | 11.517 | VV | 5238   | 128247  | 0.40% | 0.105% |
| 172 | 11.535 | 11.517 | 11.554 | VV | 5377   | 111846  | 0.35% | 0.092% |
| 173 | 11.583 | 11.554 | 11.646 | VV | 59443  | 931589  | 2.88% | 0.763% |
| 174 | 11.674 | 11.646 | 11.717 | VV | 21770  | 422913  | 1.31% | 0.346% |

|     |        |        |        |    |                |          |         |         |
|-----|--------|--------|--------|----|----------------|----------|---------|---------|
| 175 | 11.738 | 11.717 | 11.760 | VV | rteres<br>4516 | 94588    | 0.29%   | 0.077%  |
| 176 | 11.780 | 11.760 | 11.802 | VV | 4353           | 88910    | 0.27%   | 0.073%  |
| 177 | 11.902 | 11.802 | 11.928 | VV | 95377          | 1384383  | 4.28%   | 1.133%  |
| 178 | 11.937 | 11.928 | 11.957 | VV | 6012           | 98680    | 0.31%   | 0.081%  |
| 179 | 11.978 | 11.957 | 12.000 | VV | 10056          | 184272   | 0.57%   | 0.151%  |
| 180 | 12.017 | 12.000 | 12.038 | VV | 7441           | 123326   | 0.38%   | 0.101%  |
| 181 | 12.065 | 12.038 | 12.115 | VV | 8843           | 240003   | 0.74%   | 0.196%  |
| 182 | 12.143 | 12.115 | 12.171 | VV | 8197           | 180138   | 0.56%   | 0.147%  |
| 183 | 12.191 | 12.171 | 12.208 | VV | 3746           | 75502    | 0.23%   | 0.062%  |
| 184 | 12.253 | 12.208 | 12.278 | VV | 48246          | 740523   | 2.29%   | 0.606%  |
| 185 | 12.310 | 12.278 | 12.427 | VV | 503475         | 6122782  | 18.93%  | 5.012%  |
| 186 | 12.458 | 12.427 | 12.472 | VV | 4540           | 86558    | 0.27%   | 0.071%  |
| 187 | 12.483 | 12.472 | 12.504 | VV | 4096           | 68415    | 0.21%   | 0.056%  |
| 188 | 12.530 | 12.504 | 12.555 | VV | 7199           | 150459   | 0.47%   | 0.123%  |
| 189 | 12.582 | 12.555 | 12.609 | VV | 13187          | 223405   | 0.69%   | 0.183%  |
| 190 | 12.659 | 12.609 | 12.695 | VV | 6679           | 236943   | 0.73%   | 0.194%  |
| 191 | 12.736 | 12.695 | 12.760 | VV | 10263          | 212099   | 0.66%   | 0.174%  |
| 192 | 12.775 | 12.760 | 12.798 | VV | 4343           | 71164    | 0.22%   | 0.058%  |
| 193 | 12.845 | 12.798 | 12.864 | VV | 4015           | 122529   | 0.38%   | 0.100%  |
| 194 | 12.893 | 12.864 | 12.935 | VV | 41133          | 581291   | 1.80%   | 0.476%  |
| 195 | 12.965 | 12.935 | 13.024 | VV | 19985          | 407419   | 1.26%   | 0.333%  |
| 196 | 13.040 | 13.024 | 13.077 | VV | 2121           | 46987    | 0.15%   | 0.038%  |
| 197 | 13.087 | 13.077 | 13.100 | VV | 966            | 11583    | 0.04%   | 0.009%  |
| 198 | 13.151 | 13.100 | 13.178 | VV | 3395           | 85356    | 0.26%   | 0.070%  |
| 199 | 13.187 | 13.178 | 13.205 | VV | 2487           | 32689    | 0.10%   | 0.027%  |
| 200 | 13.215 | 13.205 | 13.236 | VV | 1962           | 24290    | 0.08%   | 0.020%  |
| 201 | 13.264 | 13.236 | 13.291 | VV | 16027          | 235017   | 0.73%   | 0.192%  |
| 202 | 13.344 | 13.291 | 13.372 | VV | 1982010        | 32341193 | 100.00% | 26.472% |
| 203 | 13.394 | 13.372 | 13.464 | VV | 1085381        | 13540825 | 41.87%  | 11.084% |
| 204 | 13.506 | 13.464 | 13.531 | VV | 29844          | 433023   | 1.34%   | 0.354%  |
| 205 | 13.563 | 13.531 | 13.642 | VV | 213321         | 2656761  | 8.21%   | 2.175%  |
| 206 | 13.656 | 13.642 | 13.691 | VV | 2702           | 57023    | 0.18%   | 0.047%  |
| 207 | 13.732 | 13.691 | 13.761 | VV | 6717           | 148487   | 0.46%   | 0.122%  |
| 208 | 13.775 | 13.761 | 13.799 | VV | 2303           | 44076    | 0.14%   | 0.036%  |
| 209 | 13.811 | 13.799 | 13.828 | VV | 1698           | 22382    | 0.07%   | 0.018%  |
| 210 | 13.859 | 13.828 | 13.912 | VV | 10103          | 224246   | 0.69%   | 0.184%  |
| 211 | 13.930 | 13.912 | 13.949 | VV | 3065           | 47352    | 0.15%   | 0.039%  |
| 212 | 13.972 | 13.949 | 13.991 | VV | 3459           | 65743    | 0.20%   | 0.054%  |
| 213 | 14.003 | 13.991 | 14.027 | VV | 3044           | 53295    | 0.16%   | 0.044%  |
| 214 | 14.043 | 14.027 | 14.062 | VV | 2235           | 36258    | 0.11%   | 0.030%  |
| 215 | 14.092 | 14.062 | 14.118 | VV | 23561          | 347378   | 1.07%   | 0.284%  |
| 216 | 14.138 | 14.118 | 14.165 | VV | 9034           | 173309   | 0.54%   | 0.142%  |
| 217 | 14.207 | 14.165 | 14.261 | VV | 8031           | 213632   | 0.66%   | 0.175%  |
| 218 | 14.312 | 14.261 | 14.350 | VV | 4603           | 120680   | 0.37%   | 0.099%  |
| 219 | 14.381 | 14.350 | 14.445 | VV | 10968          | 332296   | 1.03%   | 0.272%  |
| 220 | 14.456 | 14.445 | 14.471 | VV | 2671           | 39126    | 0.12%   | 0.032%  |
| 221 | 14.503 | 14.471 | 14.522 | VV | 5295           | 106676   | 0.33%   | 0.087%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 222 | 14.548 | 14.522 | 14.566 | VV | 10443  | 168962 | 0.52% | 0.138% |
| 223 | 14.579 | 14.566 | 14.628 | VV | 5907   | 134291 | 0.42% | 0.110% |
| 224 | 14.655 | 14.628 | 14.686 | VV | 19516  | 292487 | 0.90% | 0.239% |
| 225 | 14.713 | 14.686 | 14.755 | VV | 22537  | 360939 | 1.12% | 0.295% |
| 226 | 14.777 | 14.755 | 14.809 | VV | 9012   | 154150 | 0.48% | 0.126% |
| 227 | 14.831 | 14.809 | 14.925 | VV | 7125   | 173443 | 0.54% | 0.142% |
| 228 | 14.944 | 14.925 | 14.986 | VV | 1161   | 32418  | 0.10% | 0.027% |
| 229 | 15.005 | 14.986 | 15.020 | VV | 1411   | 18933  | 0.06% | 0.015% |
| 230 | 15.046 | 15.020 | 15.067 | VV | 1266   | 23938  | 0.07% | 0.020% |
| 231 | 15.088 | 15.067 | 15.105 | VV | 988    | 14325  | 0.04% | 0.012% |
| 232 | 15.149 | 15.105 | 15.167 | VV | 7778   | 124961 | 0.39% | 0.102% |
| 233 | 15.192 | 15.167 | 15.228 | VV | 22920  | 365655 | 1.13% | 0.299% |
| 234 | 15.250 | 15.228 | 15.266 | VV | 2095   | 36894  | 0.11% | 0.030% |
| 235 | 15.276 | 15.266 | 15.286 | VV | 1529   | 17526  | 0.05% | 0.014% |
| 236 | 15.304 | 15.286 | 15.322 | VV | 2252   | 35162  | 0.11% | 0.029% |
| 237 | 15.332 | 15.322 | 15.365 | VV | 1546   | 29363  | 0.09% | 0.024% |
| 238 | 15.386 | 15.365 | 15.426 | VV | 1374   | 31050  | 0.10% | 0.025% |
| 239 | 15.468 | 15.426 | 15.487 | VV | 1221   | 29962  | 0.09% | 0.025% |
| 240 | 15.505 | 15.487 | 15.554 | VV | 1201   | 29427  | 0.09% | 0.024% |
| 241 | 15.606 | 15.554 | 15.683 | PV | 2638   | 96947  | 0.30% | 0.079% |
| 242 | 15.714 | 15.683 | 15.747 | PV | 9219   | 128048 | 0.40% | 0.105% |
| 243 | 15.775 | 15.747 | 15.801 | VV | 15285  | 202947 | 0.63% | 0.166% |
| 244 | 15.822 | 15.801 | 15.839 | VV | 2153   | 34618  | 0.11% | 0.028% |
| 245 | 15.852 | 15.839 | 15.875 | VV | 1550   | 22031  | 0.07% | 0.018% |
| 246 | 15.903 | 15.875 | 15.916 | VV | 946    | 15293  | 0.05% | 0.013% |
| 247 | 15.931 | 15.916 | 15.946 | VV | 842    | 11161  | 0.03% | 0.009% |
| 248 | 15.976 | 15.946 | 16.001 | VV | 1855   | 39276  | 0.12% | 0.032% |
| 249 | 16.015 | 16.001 | 16.025 | VV | 901    | 10449  | 0.03% | 0.009% |
| 250 | 16.034 | 16.025 | 16.068 | VV | 1066   | 16249  | 0.05% | 0.013% |
| 251 | 16.108 | 16.068 | 16.125 | VV | 984    | 19251  | 0.06% | 0.016% |
| 252 | 16.145 | 16.125 | 16.158 | VV | 1107   | 16102  | 0.05% | 0.013% |
| 253 | 16.172 | 16.158 | 16.182 | VV | 958    | 11725  | 0.04% | 0.010% |
| 254 | 16.215 | 16.182 | 16.251 | VV | 8464   | 138220 | 0.43% | 0.113% |
| 255 | 16.276 | 16.251 | 16.315 | VV | 3224   | 58401  | 0.18% | 0.048% |
| 256 | 16.319 | 16.315 | 16.337 | VV | 492    | 4615   | 0.01% | 0.004% |
| 257 | 16.349 | 16.337 | 16.368 | VV | 370    | 3969   | 0.01% | 0.003% |
| 258 | 16.394 | 16.368 | 16.440 | PV | 1607   | 42566  | 0.13% | 0.035% |
| 259 | 16.466 | 16.440 | 16.480 | VV | 432    | 8376   | 0.03% | 0.007% |
| 260 | 16.522 | 16.480 | 16.542 | VV | 1497   | 33763  | 0.10% | 0.028% |
| 261 | 16.574 | 16.542 | 16.588 | VV | 994    | 16395  | 0.05% | 0.013% |
| 262 | 16.618 | 16.588 | 16.661 | VV | 1932   | 38653  | 0.12% | 0.032% |
| 263 | 16.704 | 16.661 | 16.735 | VV | 13813  | 244776 | 0.76% | 0.200% |
| 264 | 16.762 | 16.735 | 16.805 | VV | 5850   | 129092 | 0.40% | 0.106% |
| 265 | 16.837 | 16.805 | 16.879 | VV | 2386   | 68027  | 0.21% | 0.056% |
| 266 | 16.919 | 16.879 | 16.950 | VV | 1188   | 38552  | 0.12% | 0.032% |
| 267 | 16.998 | 16.950 | 17.008 | PV | 1964   | 34606  | 0.11% | 0.028% |
| 268 | 17.030 | 17.008 | 17.063 | VV | 5120   | 83864  | 0.26% | 0.069% |
| 269 | 17.092 | 17.063 | 17.121 | VV | 5593   | 81851  | 0.25% | 0.067% |

|     |        |        |        |    |                |        |       |        |
|-----|--------|--------|--------|----|----------------|--------|-------|--------|
| 270 | 17.166 | 17.121 | 17.263 | VV | rteres<br>6777 | 188296 | 0.58% | 0.154% |
| 271 | 17.334 | 17.263 | 17.358 | PV | 1231           | 35223  | 0.11% | 0.029% |
| 272 | 17.406 | 17.358 | 17.425 | VV | 2193           | 46233  | 0.14% | 0.038% |
| 273 | 17.485 | 17.425 | 17.516 | VV | 3341           | 89800  | 0.28% | 0.074% |
| 274 | 17.616 | 17.516 | 17.648 | VV | 8334           | 209887 | 0.65% | 0.172% |
| 275 | 17.687 | 17.648 | 17.704 | VV | 1992           | 51956  | 0.16% | 0.043% |
| 276 | 17.751 | 17.704 | 17.775 | VV | 1958           | 67293  | 0.21% | 0.055% |
| 277 | 17.794 | 17.775 | 17.817 | VV | 1950           | 34065  | 0.11% | 0.028% |
| 278 | 17.829 | 17.817 | 17.848 | VV | 1024           | 13882  | 0.04% | 0.011% |
| 279 | 17.879 | 17.848 | 17.922 | VV | 1640           | 41691  | 0.13% | 0.034% |
| 280 | 17.968 | 17.922 | 17.985 | PV | 1480           | 36861  | 0.11% | 0.030% |
| 281 | 18.000 | 17.985 | 18.010 | VV | 1182           | 15915  | 0.05% | 0.013% |
| 282 | 18.055 | 18.010 | 18.084 | VV | 9704           | 164480 | 0.51% | 0.135% |
| 283 | 18.102 | 18.084 | 18.111 | VV | 793            | 8467   | 0.03% | 0.007% |
| 284 | 18.140 | 18.111 | 18.155 | PV | 1234           | 21737  | 0.07% | 0.018% |
| 285 | 18.198 | 18.155 | 18.218 | VV | 6523           | 116916 | 0.36% | 0.096% |
| 286 | 18.227 | 18.218 | 18.270 | VV | 2870           | 52383  | 0.16% | 0.043% |
| 287 | 18.277 | 18.270 | 18.291 | VV | 1088           | 8570   | 0.03% | 0.007% |
| 288 | 18.329 | 18.291 | 18.345 | VV | 790            | 17286  | 0.05% | 0.014% |
| 289 | 18.378 | 18.345 | 18.418 | PV | 3657           | 68805  | 0.21% | 0.056% |
| 290 | 18.475 | 18.418 | 18.524 | VV | 11774          | 246794 | 0.76% | 0.202% |
| 291 | 18.567 | 18.524 | 18.586 | VV | 4665           | 88841  | 0.27% | 0.073% |
| 292 | 18.604 | 18.586 | 18.660 | VV | 3424           | 98860  | 0.31% | 0.081% |
| 293 | 18.684 | 18.660 | 18.695 | VV | 1681           | 28154  | 0.09% | 0.023% |
| 294 | 18.722 | 18.695 | 18.746 | VV | 4977           | 93977  | 0.29% | 0.077% |
| 295 | 18.761 | 18.746 | 18.778 | VV | 2404           | 35409  | 0.11% | 0.029% |
| 296 | 18.801 | 18.778 | 18.828 | VV | 1808           | 41220  | 0.13% | 0.034% |
| 297 | 18.889 | 18.828 | 18.927 | VV | 11098          | 258619 | 0.80% | 0.212% |
| 298 | 18.953 | 18.927 | 18.962 | VV | 1794           | 32280  | 0.10% | 0.026% |
| 299 | 18.987 | 18.962 | 19.009 | VV | 6408           | 115469 | 0.36% | 0.095% |
| 300 | 19.036 | 19.009 | 19.061 | VV | 5450           | 131238 | 0.41% | 0.107% |
| 301 | 19.087 | 19.061 | 19.104 | VV | 2805           | 62087  | 0.19% | 0.051% |
| 302 | 19.136 | 19.104 | 19.145 | VV | 3375           | 61638  | 0.19% | 0.050% |
| 303 | 19.168 | 19.145 | 19.183 | VV | 3849           | 76942  | 0.24% | 0.063% |
| 304 | 19.198 | 19.183 | 19.214 | VV | 3878           | 60128  | 0.19% | 0.049% |
| 305 | 19.285 | 19.214 | 19.307 | VV | 12707          | 357930 | 1.11% | 0.293% |
| 306 | 19.319 | 19.307 | 19.357 | VV | 7188           | 165152 | 0.51% | 0.135% |
| 307 | 19.416 | 19.357 | 19.433 | VV | 7381           | 281862 | 0.87% | 0.231% |
| 308 | 19.501 | 19.433 | 19.515 | VV | 6545           | 293472 | 0.91% | 0.240% |
| 309 | 19.551 | 19.515 | 19.564 | VV | 6997           | 185469 | 0.57% | 0.152% |
| 310 | 19.582 | 19.564 | 19.598 | VV | 7297           | 135047 | 0.42% | 0.111% |
| 311 | 19.671 | 19.598 | 19.718 | VV | 15607          | 678304 | 2.10% | 0.555% |
| 312 | 19.789 | 19.718 | 19.834 | VV | 11971          | 677121 | 2.09% | 0.554% |
| 313 | 19.898 | 19.834 | 19.928 | VV | 12014          | 607934 | 1.88% | 0.498% |
| 314 | 19.963 | 19.928 | 19.978 | VV | 13554          | 366273 | 1.13% | 0.300% |
| 315 | 20.047 | 19.978 | 20.070 | VV | 22987          | 907630 | 2.81% | 0.743% |
| 316 | 20.097 | 20.070 | 20.111 | VV | 17646          | 416107 | 1.29% | 0.341% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 317 | 20.215 | 20.111 | 20.228 | VV | 19534                   | 1258219   | 3.89%  | 1.030% |
| 318 | 20.322 | 20.228 | 20.345 | VV | 24615                   | 1479067   | 4.57%  | 1.211% |
| 319 | 20.414 | 20.345 | 20.454 | VV | 29135                   | 1621045   | 5.01%  | 1.327% |
| 320 | 20.629 | 20.454 | 20.661 | VV | 31186                   | 3464380   | 10.71% | 2.836% |
| 321 | 20.772 | 20.661 | 20.841 | VV | 40030                   | 3514117   | 10.87% | 2.876% |
| 322 | 20.880 | 20.841 | 20.893 | VV | 29878                   | 909151    | 2.81%  | 0.744% |
| 323 | 20.907 | 20.893 | 20.924 | VV | 28985                   | 521386    | 1.61%  | 0.427% |
| 324 | 20.935 | 20.924 | 20.988 | VV | 28502                   | 1054211   | 3.26%  | 0.863% |
|     |        |        |        |    | Sum of corrected areas: | 122170165 |        |        |

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