

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061224AL\  
 Data File : FC066594.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Jun 2024 22:38  
 Sample : P2846-03D  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH  
 052824.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.297       | 3.258        | 3.331      | VV       | 6698           | 85983        | 0.03%          | 0.007%        |
| 2         | 3.344       | 3.331        | 3.373      | VV       | 671            | 7799         | 0.00%          | 0.001%        |
| 3         | 3.395       | 3.373        | 3.406      | PV       | 846            | 9014         | 0.00%          | 0.001%        |
| 4         | 3.421       | 3.406        | 3.435      | VV       | 1859           | 18839        | 0.01%          | 0.002%        |
| 5         | 3.446       | 3.435        | 3.462      | VV       | 1072           | 10937        | 0.00%          | 0.001%        |
| 6         | 3.500       | 3.462        | 3.521      | VV       | 1060           | 23619        | 0.01%          | 0.002%        |
| 7         | 3.537       | 3.521        | 3.547      | VV       | 1500           | 12453        | 0.00%          | 0.001%        |
| 8         | 3.564       | 3.547        | 3.595      | VV       | 4524           | 60014        | 0.02%          | 0.005%        |
| 9         | 3.624       | 3.595        | 3.643      | VV       | 3143           | 49141        | 0.02%          | 0.004%        |
| 10        | 3.671       | 3.643        | 3.690      | VV       | 5955           | 81328        | 0.03%          | 0.007%        |
| 11        | 3.702       | 3.690        | 3.718      | VV       | 3353           | 42540        | 0.02%          | 0.004%        |
| 12        | 3.743       | 3.718        | 3.774      | VV       | 3896           | 73480        | 0.03%          | 0.006%        |
| 13        | 3.791       | 3.774        | 3.803      | VV       | 9965           | 91091        | 0.03%          | 0.008%        |
| 14        | 3.811       | 3.803        | 3.826      | VV       | 7035           | 58889        | 0.02%          | 0.005%        |
| 15        | 3.839       | 3.826        | 3.856      | VV       | 3738           | 33028        | 0.01%          | 0.003%        |
| 16        | 3.877       | 3.856        | 3.931      | VV       | 10810          | 191798       | 0.07%          | 0.016%        |
| 17        | 3.968       | 3.931        | 3.982      | VV       | 17425          | 202691       | 0.08%          | 0.017%        |
| 18        | 3.995       | 3.982        | 4.018      | VV       | 13100          | 155029       | 0.06%          | 0.013%        |
| 19        | 4.062       | 4.018        | 4.084      | VV       | 14598          | 245857       | 0.09%          | 0.021%        |
| 20        | 4.134       | 4.084        | 4.158      | VV       | 19564          | 325198       | 0.12%          | 0.028%        |
| 21        | 4.172       | 4.158        | 4.199      | VV       | 12110          | 181589       | 0.07%          | 0.015%        |
| 22        | 4.208       | 4.199        | 4.250      | VV       | 5258           | 99287        | 0.04%          | 0.008%        |
| 23        | 4.282       | 4.250        | 4.300      | PV       | 6428           | 94975        | 0.04%          | 0.008%        |
| 24        | 4.322       | 4.300        | 4.342      | VV       | 11188          | 139415       | 0.05%          | 0.012%        |
| 25        | 4.368       | 4.342        | 4.391      | VV       | 80689          | 805549       | 0.30%          | 0.068%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 26     | 4.410 | 4.391 | 4.426 | VV | 21484  | 200958  | 0.07% | 0.017% |
| 27     | 4.441 | 4.426 | 4.459 | VV | 10974  | 118258  | 0.04% | 0.010% |
| 28     | 4.472 | 4.459 | 4.498 | VV | 5164   | 61462   | 0.02% | 0.005% |
| 29     | 4.518 | 4.498 | 4.551 | VV | 10501  | 195108  | 0.07% | 0.017% |
| 30     | 4.568 | 4.551 | 4.580 | VV | 10544  | 128351  | 0.05% | 0.011% |
| 31     | 4.592 | 4.580 | 4.606 | VV | 10132  | 116890  | 0.04% | 0.010% |
| 32     | 4.623 | 4.606 | 4.638 | VV | 30104  | 292128  | 0.11% | 0.025% |
| 33     | 4.651 | 4.638 | 4.664 | VV | 17146  | 173544  | 0.06% | 0.015% |
| 34     | 4.700 | 4.664 | 4.713 | VV | 19924  | 401240  | 0.15% | 0.034% |
| 35     | 4.719 | 4.713 | 4.730 | VV | 13081  | 113432  | 0.04% | 0.010% |
| 36     | 4.746 | 4.730 | 4.762 | VV | 41292  | 426419  | 0.16% | 0.036% |
| 37     | 4.784 | 4.762 | 4.806 | VV | 34119  | 499758  | 0.18% | 0.042% |
| 38     | 4.839 | 4.806 | 4.874 | VV | 38800  | 788751  | 0.29% | 0.067% |
| 39     | 4.896 | 4.874 | 4.913 | VV | 25747  | 314881  | 0.12% | 0.027% |
| 40     | 4.927 | 4.913 | 4.947 | VV | 9884   | 132677  | 0.05% | 0.011% |
| 41     | 4.979 | 4.947 | 4.992 | PV | 26568  | 309069  | 0.11% | 0.026% |
| 42     | 5.011 | 4.992 | 5.035 | VV | 54398  | 754091  | 0.28% | 0.064% |
| 43     | 5.051 | 5.035 | 5.073 | VV | 37135  | 590863  | 0.22% | 0.050% |
| 44     | 5.086 | 5.073 | 5.099 | VV | 47313  | 455284  | 0.17% | 0.039% |
| 45     | 5.112 | 5.099 | 5.154 | VV | 43698  | 554080  | 0.21% | 0.047% |
| 46     | 5.168 | 5.154 | 5.188 | VV | 3912   | 46013   | 0.02% | 0.004% |
| 47     | 5.208 | 5.188 | 5.245 | VV | 23295  | 488013  | 0.18% | 0.041% |
| 48     | 5.275 | 5.245 | 5.287 | VV | 41246  | 643087  | 0.24% | 0.054% |
| 49     | 5.298 | 5.287 | 5.316 | VV | 38031  | 424900  | 0.16% | 0.036% |
| 50     | 5.328 | 5.316 | 5.341 | VV | 14212  | 188097  | 0.07% | 0.016% |
| 51     | 5.357 | 5.341 | 5.377 | VV | 25651  | 332588  | 0.12% | 0.028% |
| 52     | 5.408 | 5.377 | 5.425 | VV | 281838 | 2923629 | 1.08% | 0.248% |
| 53     | 5.435 | 5.425 | 5.461 | VV | 87616  | 1084323 | 0.40% | 0.092% |
| 54     | 5.478 | 5.461 | 5.514 | VV | 18843  | 274214  | 0.10% | 0.023% |
| 55     | 5.536 | 5.514 | 5.548 | VV | 10528  | 150397  | 0.06% | 0.013% |
| 56     | 5.559 | 5.548 | 5.570 | VV | 9396   | 110037  | 0.04% | 0.009% |
| 57     | 5.593 | 5.570 | 5.615 | VV | 101836 | 1285575 | 0.48% | 0.109% |
| 58     | 5.623 | 5.615 | 5.638 | VV | 26502  | 252623  | 0.09% | 0.021% |
| 59     | 5.691 | 5.638 | 5.730 | VV | 125590 | 2582856 | 0.96% | 0.219% |
| 60     | 5.751 | 5.730 | 5.765 | VV | 39123  | 611972  | 0.23% | 0.052% |
| 61     | 5.781 | 5.765 | 5.798 | VV | 121356 | 1316245 | 0.49% | 0.112% |
| 62     | 5.821 | 5.798 | 5.842 | VV | 50000  | 883780  | 0.33% | 0.075% |
| 63     | 5.863 | 5.842 | 5.885 | VV | 52577  | 712676  | 0.26% | 0.060% |
| 64     | 5.912 | 5.885 | 5.936 | VV | 59298  | 1060929 | 0.39% | 0.090% |
| 65     | 5.960 | 5.936 | 5.982 | VV | 67322  | 1184754 | 0.44% | 0.100% |
| 66     | 6.006 | 5.982 | 6.026 | VV | 70640  | 1162911 | 0.43% | 0.099% |
| 67     | 6.050 | 6.026 | 6.071 | VV | 93175  | 1202536 | 0.45% | 0.102% |
| 68     | 6.110 | 6.071 | 6.125 | VV | 80750  | 1932495 | 0.72% | 0.164% |
| 69     | 6.136 | 6.125 | 6.161 | VV | 53942  | 884154  | 0.33% | 0.075% |

|     |       |       |       |        |        |          |       |        |
|-----|-------|-------|-------|--------|--------|----------|-------|--------|
|     |       |       |       | rteres |        |          |       |        |
| 70  | 6.177 | 6.161 | 6.203 | VV     | 66086  | 1077280  | 0.40% | 0.091% |
| 71  | 6.228 | 6.203 | 6.251 | VV     | 71237  | 1278172  | 0.47% | 0.108% |
| 72  | 6.272 | 6.251 | 6.288 | VV     | 42663  | 676255   | 0.25% | 0.057% |
| 73  | 6.327 | 6.288 | 6.356 | VV     | 99915  | 2042032  | 0.76% | 0.173% |
| 74  | 6.394 | 6.356 | 6.442 | VV     | 439441 | 5757819  | 2.13% | 0.488% |
| 75  | 6.482 | 6.442 | 6.492 | VV     | 40132  | 802508   | 0.30% | 0.068% |
| 76  | 6.512 | 6.492 | 6.524 | VV     | 75704  | 1125080  | 0.42% | 0.095% |
| 77  | 6.541 | 6.524 | 6.570 | VV     | 160852 | 2260941  | 0.84% | 0.192% |
| 78  | 6.590 | 6.570 | 6.605 | VV     | 81362  | 1174916  | 0.43% | 0.100% |
| 79  | 6.613 | 6.605 | 6.629 | VV     | 49570  | 547321   | 0.20% | 0.046% |
| 80  | 6.671 | 6.629 | 6.692 | VV     | 132794 | 2186941  | 0.81% | 0.185% |
| 81  | 6.730 | 6.692 | 6.763 | VV     | 91295  | 2337426  | 0.87% | 0.198% |
| 82  | 6.794 | 6.763 | 6.819 | VV     | 272902 | 3582768  | 1.33% | 0.304% |
| 83  | 6.832 | 6.819 | 6.841 | VV     | 36296  | 419383   | 0.16% | 0.036% |
| 84  | 6.863 | 6.841 | 6.877 | VV     | 66381  | 1038232  | 0.38% | 0.088% |
| 85  | 6.910 | 6.877 | 6.932 | VV     | 118377 | 2483326  | 0.92% | 0.210% |
| 86  | 6.953 | 6.932 | 6.977 | VV     | 161115 | 2219453  | 0.82% | 0.188% |
| 87  | 6.998 | 6.977 | 7.007 | VV     | 114669 | 1447813  | 0.54% | 0.123% |
| 88  | 7.021 | 7.007 | 7.040 | VV     | 156505 | 2156720  | 0.80% | 0.183% |
| 89  | 7.055 | 7.040 | 7.076 | VV     | 106381 | 1487350  | 0.55% | 0.126% |
| 90  | 7.097 | 7.076 | 7.134 | VV     | 176505 | 2932450  | 1.09% | 0.249% |
| 91  | 7.155 | 7.134 | 7.179 | VV     | 83142  | 1561298  | 0.58% | 0.132% |
| 92  | 7.197 | 7.179 | 7.214 | VV     | 73377  | 1071342  | 0.40% | 0.091% |
| 93  | 7.230 | 7.214 | 7.261 | VV     | 49007  | 1279676  | 0.47% | 0.108% |
| 94  | 7.321 | 7.261 | 7.345 | VV     | 655019 | 10497520 | 3.89% | 0.890% |
| 95  | 7.360 | 7.345 | 7.379 | VV     | 87265  | 1511122  | 0.56% | 0.128% |
| 96  | 7.390 | 7.379 | 7.427 | VV     | 78705  | 1864302  | 0.69% | 0.158% |
| 97  | 7.440 | 7.427 | 7.461 | VV     | 53664  | 958214   | 0.35% | 0.081% |
| 98  | 7.492 | 7.461 | 7.529 | VV     | 191289 | 3978670  | 1.47% | 0.337% |
| 99  | 7.547 | 7.529 | 7.566 | VV     | 85066  | 1344889  | 0.50% | 0.114% |
| 100 | 7.587 | 7.566 | 7.600 | VV     | 54835  | 910012   | 0.34% | 0.077% |
| 101 | 7.631 | 7.600 | 7.670 | VV     | 622348 | 8255453  | 3.06% | 0.700% |
| 102 | 7.685 | 7.670 | 7.724 | VV     | 87113  | 2104836  | 0.78% | 0.178% |
| 103 | 7.748 | 7.724 | 7.761 | VV     | 103161 | 1759162  | 0.65% | 0.149% |
| 104 | 7.775 | 7.761 | 7.786 | VV     | 109709 | 1484648  | 0.55% | 0.126% |
| 105 | 7.796 | 7.786 | 7.815 | VV     | 108401 | 1522154  | 0.56% | 0.129% |
| 106 | 7.839 | 7.815 | 7.860 | VV     | 141359 | 2361433  | 0.87% | 0.200% |
| 107 | 7.887 | 7.860 | 7.906 | VV     | 171457 | 2756057  | 1.02% | 0.234% |
| 108 | 7.944 | 7.906 | 7.968 | VV     | 189465 | 4338503  | 1.61% | 0.368% |
| 109 | 8.012 | 7.968 | 8.045 | VV     | 231682 | 4666559  | 1.73% | 0.395% |
| 110 | 8.060 | 8.045 | 8.081 | VV     | 64058  | 1295763  | 0.48% | 0.110% |
| 111 | 8.104 | 8.081 | 8.128 | VV     | 123487 | 2775683  | 1.03% | 0.235% |
| 112 | 8.142 | 8.128 | 8.155 | VV     | 117063 | 1690509  | 0.63% | 0.143% |

|     |        |        |        |        |        |          |       |        |
|-----|--------|--------|--------|--------|--------|----------|-------|--------|
|     |        |        |        | rteres |        |          |       |        |
| 113 | 8.194  | 8.155  | 8.219  | VV     | 789957 | 11198058 | 4.15% | 0.949% |
| 114 | 8.236  | 8.219  | 8.255  | VV     | 127883 | 2167306  | 0.80% | 0.184% |
| 115 | 8.295  | 8.255  | 8.321  | VV     | 123502 | 3641305  | 1.35% | 0.309% |
| 116 | 8.354  | 8.321  | 8.367  | VV     | 110747 | 2481182  | 0.92% | 0.210% |
| 117 | 8.380  | 8.367  | 8.394  | VV     | 111020 | 1512148  | 0.56% | 0.128% |
| 118 | 8.414  | 8.394  | 8.452  | VV     | 146350 | 3258913  | 1.21% | 0.276% |
| 119 | 8.498  | 8.452  | 8.531  | VV     | 384375 | 6701191  | 2.48% | 0.568% |
| 120 | 8.562  | 8.531  | 8.577  | VV     | 117335 | 2687691  | 0.99% | 0.228% |
| 121 | 8.611  | 8.577  | 8.623  | VV     | 139643 | 3336383  | 1.23% | 0.283% |
| 122 | 8.639  | 8.623  | 8.662  | VV     | 158237 | 2965174  | 1.10% | 0.251% |
| 123 | 8.683  | 8.662  | 8.699  | VV     | 135999 | 2439549  | 0.90% | 0.207% |
| 124 | 8.728  | 8.699  | 8.755  | VV     | 326778 | 5817815  | 2.15% | 0.493% |
| 125 | 8.780  | 8.755  | 8.799  | VV     | 150068 | 2754793  | 1.02% | 0.233% |
| 126 | 8.806  | 8.799  | 8.819  | VV     | 87996  | 972393   | 0.36% | 0.082% |
| 127 | 8.835  | 8.819  | 8.850  | VV     | 103924 | 1716864  | 0.64% | 0.145% |
| 128 | 8.873  | 8.850  | 8.895  | VV     | 111295 | 2520930  | 0.93% | 0.214% |
| 129 | 8.907  | 8.895  | 8.924  | VV     | 76637  | 1211438  | 0.45% | 0.103% |
| 130 | 8.954  | 8.924  | 8.975  | VV     | 116947 | 2913918  | 1.08% | 0.247% |
| 131 | 9.018  | 8.975  | 9.080  | VV     | 899277 | 14976514 | 5.54% | 1.269% |
| 132 | 9.100  | 9.080  | 9.125  | VV     | 120628 | 2523992  | 0.93% | 0.214% |
| 133 | 9.158  | 9.125  | 9.179  | VV     | 105280 | 2744095  | 1.02% | 0.233% |
| 134 | 9.215  | 9.179  | 9.227  | VV     | 90959  | 2204473  | 0.82% | 0.187% |
| 135 | 9.244  | 9.227  | 9.262  | VV     | 111595 | 1884477  | 0.70% | 0.160% |
| 136 | 9.272  | 9.262  | 9.279  | VV     | 83577  | 819274   | 0.30% | 0.069% |
| 137 | 9.297  | 9.279  | 9.329  | VV     | 122053 | 2729241  | 1.01% | 0.231% |
| 138 | 9.345  | 9.329  | 9.360  | VV     | 94474  | 1560310  | 0.58% | 0.132% |
| 139 | 9.388  | 9.360  | 9.420  | VV     | 224087 | 5177361  | 1.92% | 0.439% |
| 140 | 9.475  | 9.420  | 9.496  | VV     | 175944 | 5735346  | 2.12% | 0.486% |
| 141 | 9.520  | 9.496  | 9.539  | VV     | 177253 | 3207784  | 1.19% | 0.272% |
| 142 | 9.572  | 9.539  | 9.600  | VV     | 160965 | 4157081  | 1.54% | 0.352% |
| 143 | 9.621  | 9.600  | 9.658  | VV     | 80212  | 2502235  | 0.93% | 0.212% |
| 144 | 9.674  | 9.658  | 9.685  | VV     | 72591  | 1117478  | 0.41% | 0.095% |
| 145 | 9.704  | 9.685  | 9.719  | VV     | 97146  | 1730340  | 0.64% | 0.147% |
| 146 | 9.748  | 9.719  | 9.770  | VV     | 152611 | 3559484  | 1.32% | 0.302% |
| 147 | 9.798  | 9.770  | 9.842  | VV     | 964994 | 13293496 | 4.92% | 1.127% |
| 148 | 9.867  | 9.842  | 9.938  | VV     | 98652  | 4714250  | 1.75% | 0.400% |
| 149 | 9.965  | 9.938  | 9.994  | VV     | 97380  | 2490016  | 0.92% | 0.211% |
| 150 | 10.066 | 9.994  | 10.085 | VV     | 84712  | 3845410  | 1.42% | 0.326% |
| 151 | 10.141 | 10.085 | 10.155 | VV     | 134721 | 3891815  | 1.44% | 0.330% |
| 152 | 10.183 | 10.155 | 10.211 | VV     | 349615 | 6724906  | 2.49% | 0.570% |
| 153 | 10.232 | 10.211 | 10.251 | VV     | 150523 | 2806180  | 1.04% | 0.238% |
| 154 | 10.270 | 10.251 | 10.290 | VV     | 159789 | 2874798  | 1.06% | 0.244% |
| 155 | 10.326 | 10.290 | 10.354 | VV     | 164817 | 3951029  | 1.46% | 0.335% |

|     |        |        |        | rteres |         |           |         |         |
|-----|--------|--------|--------|--------|---------|-----------|---------|---------|
| 156 | 10.376 | 10.354 | 10.410 | VV     | 74343   | 2228488   | 0.82%   | 0.189%  |
| 157 | 10.433 | 10.410 | 10.455 | VV     | 106567  | 2328205   | 0.86%   | 0.197%  |
| 158 | 10.464 | 10.455 | 10.491 | VV     | 86066   | 1717168   | 0.64%   | 0.146%  |
| 159 | 10.538 | 10.491 | 10.566 | VV     | 907849  | 13091962  | 4.85%   | 1.109%  |
| 160 | 10.607 | 10.566 | 10.634 | VV     | 347401  | 7458440   | 2.76%   | 0.632%  |
| 161 | 10.648 | 10.634 | 10.701 | VV     | 100851  | 3073665   | 1.14%   | 0.260%  |
| 162 | 10.744 | 10.701 | 10.757 | VV     | 80200   | 2355749   | 0.87%   | 0.200%  |
| 163 | 10.783 | 10.757 | 10.828 | VV     | 319640  | 5782573   | 2.14%   | 0.490%  |
| 164 | 10.857 | 10.828 | 10.893 | VV     | 200570  | 4689172   | 1.74%   | 0.397%  |
| 165 | 10.924 | 10.893 | 10.967 | VV     | 152407  | 4773806   | 1.77%   | 0.405%  |
| 166 | 10.988 | 10.967 | 11.018 | VV     | 129542  | 2733439   | 1.01%   | 0.232%  |
| 167 | 11.039 | 11.018 | 11.059 | VV     | 112035  | 2070521   | 0.77%   | 0.175%  |
| 168 | 11.089 | 11.059 | 11.114 | VV     | 79371   | 2234125   | 0.83%   | 0.189%  |
| 169 | 11.145 | 11.114 | 11.162 | VV     | 69644   | 1742405   | 0.64%   | 0.148%  |
| 170 | 11.182 | 11.162 | 11.205 | VV     | 72312   | 1744714   | 0.65%   | 0.148%  |
| 171 | 11.241 | 11.205 | 11.291 | VV     | 726181  | 11715942  | 4.34%   | 0.993%  |
| 172 | 11.328 | 11.291 | 11.365 | VV     | 269977  | 5913192   | 2.19%   | 0.501%  |
| 173 | 11.386 | 11.365 | 11.415 | VV     | 64717   | 1685250   | 0.62%   | 0.143%  |
| 174 | 11.433 | 11.415 | 11.455 | VV     | 71957   | 1370957   | 0.51%   | 0.116%  |
| 175 | 11.553 | 11.455 | 11.605 | VV     | 460356  | 11196908  | 4.14%   | 0.949%  |
| 176 | 11.626 | 11.605 | 11.653 | VV     | 121012  | 2816922   | 1.04%   | 0.239%  |
| 177 | 11.673 | 11.653 | 11.689 | VV     | 98962   | 1764190   | 0.65%   | 0.150%  |
| 178 | 11.699 | 11.689 | 11.706 | VV     | 83279   | 827953    | 0.31%   | 0.070%  |
| 179 | 11.723 | 11.706 | 11.751 | VV     | 96801   | 2169984   | 0.80%   | 0.184%  |
| 180 | 11.766 | 11.751 | 11.779 | VV     | 68681   | 1065905   | 0.39%   | 0.090%  |
| 181 | 11.797 | 11.779 | 11.823 | VV     | 83654   | 1732127   | 0.64%   | 0.147%  |
| 182 | 11.841 | 11.823 | 11.856 | VV     | 52697   | 935872    | 0.35%   | 0.079%  |
| 183 | 11.912 | 11.856 | 11.938 | VV     | 486114  | 9887991   | 3.66%   | 0.838%  |
| 184 | 11.981 | 11.938 | 12.039 | VV     | 2465442 | 39451119  | 14.60%  | 3.343%  |
| 185 | 12.057 | 12.039 | 12.082 | VV     | 54481   | 1216920   | 0.45%   | 0.103%  |
| 186 | 12.209 | 12.082 | 12.275 | VV     | 446459  | 16624311  | 6.15%   | 1.409%  |
| 187 | 12.319 | 12.275 | 12.355 | VV     | 90357   | 3219099   | 1.19%   | 0.273%  |
| 188 | 12.391 | 12.355 | 12.421 | VV     | 100806  | 2750119   | 1.02%   | 0.233%  |
| 189 | 12.436 | 12.421 | 12.459 | VV     | 62936   | 1224118   | 0.45%   | 0.104%  |
| 190 | 12.490 | 12.459 | 12.515 | VV     | 66364   | 1864382   | 0.69%   | 0.158%  |
| 191 | 12.552 | 12.515 | 12.583 | VV     | 440155  | 7644187   | 2.83%   | 0.648%  |
| 192 | 12.612 | 12.583 | 12.681 | VV     | 396223  | 8063686   | 2.98%   | 0.683%  |
| 193 | 12.702 | 12.681 | 12.772 | VV     | 37633   | 1624277   | 0.60%   | 0.138%  |
| 194 | 12.806 | 12.772 | 12.830 | VV     | 48026   | 1401969   | 0.52%   | 0.119%  |
| 195 | 12.845 | 12.830 | 12.876 | VV     | 50020   | 1142401   | 0.42%   | 0.097%  |
| 196 | 12.908 | 12.876 | 12.947 | VV     | 257452  | 5369482   | 1.99%   | 0.455%  |
| 197 | 13.063 | 12.947 | 13.084 | VV     | 6924515 | 270154397 | 100.00% | 22.894% |
| 198 | 13.114 | 13.084 | 13.148 | VV     | 6630871 | 118821549 | 43.98%  | 10.069% |
| 199 | 13.181 | 13.148 | 13.199 | VV     | 396231  | 6298570   | 2.33%   | 0.534%  |

|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
|     |        |        |        |    | rteres  |          |        |        |
| 200 | 13.248 | 13.199 | 13.266 | VV | 2522088 | 44173988 | 16.35% | 3.743% |
| 201 | 13.288 | 13.266 | 13.336 | VV | 786899  | 13882723 | 5.14%  | 1.176% |
| 202 | 13.350 | 13.336 | 13.367 | VV | 47413   | 808011   | 0.30%  | 0.068% |
| 203 | 13.418 | 13.367 | 13.465 | VV | 282846  | 6418003  | 2.38%  | 0.544% |
| 204 | 13.477 | 13.465 | 13.495 | VV | 51538   | 819154   | 0.30%  | 0.069% |
| 205 | 13.521 | 13.495 | 13.573 | VV | 95349   | 2971573  | 1.10%  | 0.252% |
| 206 | 13.591 | 13.573 | 13.610 | VV | 61643   | 1008095  | 0.37%  | 0.085% |
| 207 | 13.632 | 13.610 | 13.649 | VV | 60950   | 1122714  | 0.42%  | 0.095% |
| 208 | 13.668 | 13.649 | 13.690 | VV | 61986   | 1233302  | 0.46%  | 0.105% |
| 209 | 13.705 | 13.690 | 13.723 | VV | 46260   | 757613   | 0.28%  | 0.064% |
| 210 | 13.751 | 13.723 | 13.778 | VV | 285745  | 4327730  | 1.60%  | 0.367% |
| 211 | 13.792 | 13.778 | 13.815 | VV | 74484   | 1309177  | 0.48%  | 0.111% |
| 212 | 13.829 | 13.815 | 13.851 | VV | 51938   | 940217   | 0.35%  | 0.080% |
| 213 | 13.866 | 13.851 | 13.917 | VV | 44673   | 1291357  | 0.48%  | 0.109% |
| 214 | 13.970 | 13.917 | 14.004 | VV | 62484   | 2033500  | 0.75%  | 0.172% |
| 215 | 14.034 | 14.004 | 14.092 | VV | 71240   | 2558097  | 0.95%  | 0.217% |
| 216 | 14.136 | 14.092 | 14.148 | VV | 59123   | 1543565  | 0.57%  | 0.131% |
| 217 | 14.158 | 14.148 | 14.178 | VV | 62383   | 937447   | 0.35%  | 0.079% |
| 218 | 14.206 | 14.178 | 14.219 | VV | 125950  | 2102833  | 0.78%  | 0.178% |
| 219 | 14.231 | 14.219 | 14.281 | VV | 112368  | 2309255  | 0.85%  | 0.196% |
| 220 | 14.312 | 14.281 | 14.348 | VV | 240300  | 4016241  | 1.49%  | 0.340% |
| 221 | 14.374 | 14.348 | 14.401 | VV | 229417  | 3898471  | 1.44%  | 0.330% |
| 222 | 14.432 | 14.401 | 14.455 | VV | 67143   | 1666150  | 0.62%  | 0.141% |
| 223 | 14.478 | 14.455 | 14.501 | VV | 79919   | 1418152  | 0.52%  | 0.120% |
| 224 | 14.530 | 14.501 | 14.580 | VV | 85028   | 2142640  | 0.79%  | 0.182% |
| 225 | 14.595 | 14.580 | 14.615 | VV | 27376   | 475892   | 0.18%  | 0.040% |
| 226 | 14.658 | 14.615 | 14.678 | VV | 31324   | 955066   | 0.35%  | 0.081% |
| 227 | 14.698 | 14.678 | 14.719 | VV | 27173   | 559517   | 0.21%  | 0.047% |
| 228 | 14.741 | 14.719 | 14.757 | VV | 29876   | 508084   | 0.19%  | 0.043% |
| 229 | 14.787 | 14.757 | 14.807 | VV | 180522  | 2747446  | 1.02%  | 0.233% |
| 230 | 14.832 | 14.807 | 14.842 | VV | 202652  | 2838620  | 1.05%  | 0.241% |
| 231 | 14.848 | 14.842 | 14.886 | VV | 187719  | 2285250  | 0.85%  | 0.194% |
| 232 | 14.944 | 14.886 | 14.975 | VV | 54432   | 1627665  | 0.60%  | 0.138% |
| 233 | 14.988 | 14.975 | 15.008 | VV | 27923   | 459726   | 0.17%  | 0.039% |
| 234 | 15.026 | 15.008 | 15.065 | VV | 20140   | 541083   | 0.20%  | 0.046% |
| 235 | 15.094 | 15.065 | 15.144 | VV | 29639   | 1015238  | 0.38%  | 0.086% |
| 236 | 15.159 | 15.144 | 15.193 | VV | 20541   | 437452   | 0.16%  | 0.037% |
| 237 | 15.232 | 15.193 | 15.261 | VV | 41909   | 911474   | 0.34%  | 0.077% |
| 238 | 15.278 | 15.261 | 15.318 | VV | 16564   | 327996   | 0.12%  | 0.028% |
| 239 | 15.370 | 15.318 | 15.397 | VV | 98776   | 1536179  | 0.57%  | 0.130% |
| 240 | 15.430 | 15.397 | 15.477 | VV | 152418  | 2800645  | 1.04%  | 0.237% |
| 241 | 15.494 | 15.477 | 15.530 | VV | 25096   | 462376   | 0.17%  | 0.039% |
| 242 | 15.551 | 15.530 | 15.561 | VV | 14134   | 170963   | 0.06%  | 0.014% |

|     |        |        |        |        |        |         |       |        |
|-----|--------|--------|--------|--------|--------|---------|-------|--------|
|     |        |        |        | rteres |        |         |       |        |
| 243 | 15.616 | 15.561 | 15.651 | VV     | 29458  | 1018391 | 0.38% | 0.086% |
| 244 | 15.692 | 15.651 | 15.725 | VV     | 22018  | 538224  | 0.20% | 0.046% |
| 245 | 15.750 | 15.725 | 15.770 | VV     | 19768  | 376125  | 0.14% | 0.032% |
| 246 | 15.789 | 15.770 | 15.831 | VV     | 17471  | 510253  | 0.19% | 0.043% |
| 247 | 15.872 | 15.831 | 15.914 | VV     | 90079  | 1779050 | 0.66% | 0.151% |
| 248 | 15.930 | 15.914 | 15.953 | VV     | 22534  | 393012  | 0.15% | 0.033% |
| 249 | 15.978 | 15.953 | 16.010 | VV     | 8183   | 210867  | 0.08% | 0.018% |
| 250 | 16.048 | 16.010 | 16.111 | PV     | 24860  | 808854  | 0.30% | 0.069% |
| 251 | 16.128 | 16.111 | 16.138 | VV     | 13884  | 188893  | 0.07% | 0.016% |
| 252 | 16.174 | 16.138 | 16.195 | VV     | 18541  | 461717  | 0.17% | 0.039% |
| 253 | 16.204 | 16.195 | 16.214 | VV     | 13313  | 142424  | 0.05% | 0.012% |
| 254 | 16.258 | 16.214 | 16.295 | VV     | 23817  | 699877  | 0.26% | 0.059% |
| 255 | 16.346 | 16.295 | 16.395 | VV     | 213724 | 4778643 | 1.77% | 0.405% |
| 256 | 16.416 | 16.395 | 16.451 | VV     | 54266  | 951647  | 0.35% | 0.081% |
| 257 | 16.471 | 16.451 | 16.493 | VV     | 46127  | 680579  | 0.25% | 0.058% |
| 258 | 16.520 | 16.493 | 16.541 | VV     | 23387  | 433623  | 0.16% | 0.037% |
| 259 | 16.573 | 16.541 | 16.611 | VV     | 19156  | 582323  | 0.22% | 0.049% |
| 260 | 16.662 | 16.611 | 16.691 | VV     | 104017 | 2171891 | 0.80% | 0.184% |
| 261 | 16.721 | 16.691 | 16.755 | VV     | 150239 | 2180877 | 0.81% | 0.185% |
| 262 | 16.822 | 16.755 | 16.855 | PV     | 98782  | 1871015 | 0.69% | 0.159% |
| 263 | 16.874 | 16.855 | 16.905 | VV     | 25322  | 479629  | 0.18% | 0.041% |
| 264 | 16.977 | 16.905 | 17.008 | VV     | 17170  | 709316  | 0.26% | 0.060% |
| 265 | 17.035 | 17.008 | 17.047 | VV     | 16368  | 310759  | 0.12% | 0.026% |
| 266 | 17.073 | 17.047 | 17.106 | VV     | 24557  | 708534  | 0.26% | 0.060% |
| 267 | 17.136 | 17.106 | 17.169 | VV     | 23874  | 680028  | 0.25% | 0.058% |
| 268 | 17.211 | 17.169 | 17.225 | VV     | 20313  | 479137  | 0.18% | 0.041% |
| 269 | 17.273 | 17.225 | 17.295 | VV     | 57414  | 1210700 | 0.45% | 0.103% |
| 270 | 17.309 | 17.295 | 17.356 | VV     | 21625  | 560989  | 0.21% | 0.048% |
| 271 | 17.385 | 17.356 | 17.411 | VV     | 24385  | 480211  | 0.18% | 0.041% |
| 272 | 17.439 | 17.411 | 17.488 | VV     | 15712  | 451355  | 0.17% | 0.038% |
| 273 | 17.506 | 17.488 | 17.521 | VV     | 10787  | 142953  | 0.05% | 0.012% |
| 274 | 17.547 | 17.521 | 17.578 | VV     | 14645  | 275646  | 0.10% | 0.023% |
| 275 | 17.608 | 17.578 | 17.653 | PV     | 15538  | 420461  | 0.16% | 0.036% |
| 276 | 17.711 | 17.653 | 17.748 | VV     | 71842  | 1353616 | 0.50% | 0.115% |
| 277 | 17.780 | 17.748 | 17.805 | VV     | 13345  | 273921  | 0.10% | 0.023% |
| 278 | 17.855 | 17.805 | 17.922 | VV     | 65472  | 1838033 | 0.68% | 0.156% |
| 279 | 17.938 | 17.922 | 17.955 | VV     | 9124   | 156473  | 0.06% | 0.013% |
| 280 | 17.961 | 17.955 | 17.969 | VV     | 4869   | 50934   | 0.02% | 0.004% |
| 281 | 17.999 | 17.969 | 18.018 | VV     | 28379  | 530481  | 0.20% | 0.045% |
| 282 | 18.027 | 18.018 | 18.045 | VV     | 17512  | 231019  | 0.09% | 0.020% |
| 283 | 18.092 | 18.045 | 18.115 | VV     | 99059  | 1912358 | 0.71% | 0.162% |
| 284 | 18.135 | 18.115 | 18.165 | VV     | 73376  | 1194209 | 0.44% | 0.101% |
| 285 | 18.174 | 18.165 | 18.194 | VV     | 20763  | 264329  | 0.10% | 0.022% |

| rteres |        |        |        |    |        |         |       |        |  |
|--------|--------|--------|--------|----|--------|---------|-------|--------|--|
| 286    | 18.224 | 18.194 | 18.243 | VV | 64976  | 1120145 | 0.41% | 0.095% |  |
| 287    | 18.258 | 18.243 | 18.318 | VV | 48479  | 1145270 | 0.42% | 0.097% |  |
| 288    | 18.348 | 18.318 | 18.378 | VV | 93002  | 1620441 | 0.60% | 0.137% |  |
| 289    | 18.394 | 18.378 | 18.405 | VV | 25021  | 322853  | 0.12% | 0.027% |  |
| 290    | 18.432 | 18.405 | 18.445 | VV | 26702  | 503134  | 0.19% | 0.043% |  |
|        |        |        |        |    |        |         |       |        |  |
| 291    | 18.481 | 18.445 | 18.498 | VV | 31150  | 778915  | 0.29% | 0.066% |  |
| 292    | 18.544 | 18.498 | 18.588 | VV | 62449  | 1860251 | 0.69% | 0.158% |  |
| 293    | 18.605 | 18.588 | 18.621 | VV | 15448  | 273415  | 0.10% | 0.023% |  |
| 294    | 18.650 | 18.621 | 18.675 | VV | 62899  | 1333255 | 0.49% | 0.113% |  |
| 295    | 18.693 | 18.675 | 18.763 | VV | 48021  | 1576306 | 0.58% | 0.134% |  |
|        |        |        |        |    |        |         |       |        |  |
| 296    | 18.815 | 18.763 | 18.845 | VV | 35333  | 1358148 | 0.50% | 0.115% |  |
| 297    | 18.897 | 18.845 | 18.919 | VV | 76945  | 2079824 | 0.77% | 0.176% |  |
| 298    | 18.944 | 18.919 | 18.967 | VV | 75530  | 1600931 | 0.59% | 0.136% |  |
| 299    | 18.979 | 18.967 | 19.007 | VV | 46504  | 859418  | 0.32% | 0.073% |  |
| 300    | 19.048 | 19.007 | 19.059 | VV | 48246  | 1174564 | 0.43% | 0.100% |  |
|        |        |        |        |    |        |         |       |        |  |
| 301    | 19.065 | 19.059 | 19.093 | VV | 41433  | 720690  | 0.27% | 0.061% |  |
| 302    | 19.112 | 19.093 | 19.130 | VV | 33713  | 683160  | 0.25% | 0.058% |  |
| 303    | 19.223 | 19.130 | 19.238 | VV | 39317  | 2265448 | 0.84% | 0.192% |  |
| 304    | 19.251 | 19.238 | 19.278 | VV | 36166  | 783004  | 0.29% | 0.066% |  |
| 305    | 19.331 | 19.278 | 19.411 | VV | 71460  | 3876734 | 1.44% | 0.329% |  |
|        |        |        |        |    |        |         |       |        |  |
| 306    | 19.511 | 19.411 | 19.541 | VV | 77138  | 4410958 | 1.63% | 0.374% |  |
| 307    | 19.575 | 19.541 | 19.609 | VV | 82177  | 2739357 | 1.01% | 0.232% |  |
| 308    | 19.709 | 19.609 | 19.738 | VV | 107314 | 5731875 | 2.12% | 0.486% |  |
| 309    | 19.754 | 19.738 | 19.798 | VV | 81028  | 2534829 | 0.94% | 0.215% |  |
| 310    | 19.892 | 19.798 | 19.923 | VV | 106736 | 6205224 | 2.30% | 0.526% |  |
|        |        |        |        |    |        |         |       |        |  |
| 311    | 19.983 | 19.923 | 20.045 | VV | 112921 | 6697522 | 2.48% | 0.568% |  |
| 312    | 20.074 | 20.045 | 20.118 | VV | 117674 | 4273355 | 1.58% | 0.362% |  |
| 313    | 20.144 | 20.118 | 20.164 | VV | 102927 | 2671647 | 0.99% | 0.226% |  |
| 314    | 20.220 | 20.164 | 20.240 | VV | 109732 | 4692233 | 1.74% | 0.398% |  |
| 315    | 20.292 | 20.240 | 20.308 | VV | 110970 | 4249892 | 1.57% | 0.360% |  |
|        |        |        |        |    |        |         |       |        |  |
| 316    | 20.356 | 20.308 | 20.369 | VV | 114346 | 3891495 | 1.44% | 0.330% |  |
| 317    | 20.380 | 20.369 | 20.401 | VV | 115725 | 2030386 | 0.75% | 0.172% |  |
| 318    | 20.434 | 20.401 | 20.488 | VV | 142221 | 6273151 | 2.32% | 0.532% |  |
| 319    | 20.500 | 20.488 | 20.511 | VV | 104503 | 1397894 | 0.52% | 0.118% |  |
| 320    | 20.541 | 20.511 | 20.564 | VV | 114980 | 3285037 | 1.22% | 0.278% |  |
|        |        |        |        |    |        |         |       |        |  |
| 321    | 20.579 | 20.564 | 20.589 | VV | 107002 | 1544505 | 0.57% | 0.131% |  |
| 322    | 20.594 | 20.589 | 20.615 | VV | 105746 | 1531818 | 0.57% | 0.130% |  |
| 323    | 20.633 | 20.615 | 20.651 | VV | 98375  | 2015443 | 0.75% | 0.171% |  |
| 324    | 20.673 | 20.651 | 20.728 | VV | 102512 | 4221259 | 1.56% | 0.358% |  |
| 325    | 20.736 | 20.728 | 20.745 | VV | 83643  | 828271  | 0.31% | 0.070% |  |
|        |        |        |        |    |        |         |       |        |  |
| 326    | 20.811 | 20.745 | 20.895 | VV | 102532 | 7250686 | 2.68% | 0.614% |  |
| 327    | 20.914 | 20.895 | 20.952 | VV | 76733  | 2636779 | 0.98% | 0.223% |  |
| 328    | 20.963 | 20.952 | 20.984 | VV | 75814  | 1355160 | 0.50% | 0.115% |  |
| 329    | 21.007 | 20.984 | 21.028 | VV | 72467  | 1804855 | 0.67% | 0.153% |  |



|     |        |        |        |       |       |         |       |        |
|-----|--------|--------|--------|-------|-------|---------|-------|--------|
|     |        |        |        | rters |       |         |       |        |
| 330 | 21.040 | 21.028 | 21.125 | VV    | 67096 | 3556184 | 1.32% | 0.301% |
| 331 | 21.131 | 21.125 | 21.144 | VV    | 58955 | 646936  | 0.24% | 0.055% |
| 332 | 21.254 | 21.144 | 21.318 | VV    | 72378 | 6011877 | 2.23% | 0.509% |
| 333 | 21.329 | 21.318 | 21.351 | VV    | 51343 | 938034  | 0.35% | 0.079% |
| 334 | 21.367 | 21.351 | 21.435 | VV    | 49000 | 1927869 | 0.71% | 0.163% |
| 335 | 21.442 | 21.435 | 21.451 | VV    | 33534 | 328819  | 0.12% | 0.028% |
| 336 | 21.461 | 21.451 | 21.485 | VV    | 40746 | 702219  | 0.26% | 0.060% |
| 337 | 21.505 | 21.485 | 21.568 | VV    | 39343 | 1304618 | 0.48% | 0.111% |
| 338 | 21.592 | 21.568 | 21.647 | VV    | 24656 | 973887  | 0.36% | 0.083% |
| 339 | 21.683 | 21.647 | 21.700 | VV    | 24451 | 621364  | 0.23% | 0.053% |
| 340 | 21.736 | 21.700 | 21.791 | VV    | 29991 | 980379  | 0.36% | 0.083% |

Sum of corrected areas: 1180030006

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