

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031419AR\  
 Data File : FD028327.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Mar 2019 5:24  
 Sample : K1895-01  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022819.M  
 Title : GC Extractables

Signal : FID2B.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         | 4.098       | 4.082        | 4.110      | PV       | 4415           | 36894        | 0.13%          | 0.004%        |
| 2         | 4.127       | 4.110        | 4.148      | PV       | 29569          | 239990       | 0.86%          | 0.026%        |
| 3         | 4.163       | 4.148        | 4.180      | VV       | 3988           | 32775        | 0.12%          | 0.004%        |
| 4         | 4.194       | 4.180        | 4.212      | PV       | 1456           | 15960        | 0.06%          | 0.002%        |
| 5         | 4.231       | 4.212        | 4.273      | VV       | 16000          | 158202       | 0.57%          | 0.017%        |
| 6         | 4.291       | 4.273        | 4.309      | VV       | 1346           | 19075        | 0.07%          | 0.002%        |
| 7         | 4.320       | 4.309        | 4.334      | VV       | 1075           | 10762        | 0.04%          | 0.001%        |
| 8         | 4.349       | 4.334        | 4.361      | VV       | 2023           | 16963        | 0.06%          | 0.002%        |
| 9         | 4.370       | 4.361        | 4.388      | VV       | 1167           | 13980        | 0.05%          | 0.002%        |
| 10        | 4.403       | 4.388        | 4.422      | VV       | 1149           | 18949        | 0.07%          | 0.002%        |
| 11        | 4.440       | 4.422        | 4.452      | VV       | 15796          | 137861       | 0.49%          | 0.015%        |
| 12        | 4.466       | 4.452        | 4.484      | VV       | 22932          | 206953       | 0.74%          | 0.023%        |
| 13        | 4.503       | 4.484        | 4.522      | VV       | 23038          | 248864       | 0.89%          | 0.027%        |
| 14        | 4.540       | 4.522        | 4.584      | VV       | 39598          | 385368       | 1.38%          | 0.042%        |
| 15        | 4.613       | 4.584        | 4.636      | PV       | 12732          | 118819       | 0.43%          | 0.013%        |
| 16        | 4.654       | 4.636        | 4.684      | VV       | 1434           | 26940        | 0.10%          | 0.003%        |
| 17        | 4.724       | 4.684        | 4.755      | VV       | 37427          | 536489       | 1.92%          | 0.059%        |
| 18        | 4.771       | 4.755        | 4.784      | VV       | 31630          | 280790       | 1.01%          | 0.031%        |
| 19        | 4.799       | 4.784        | 4.821      | VV       | 57106          | 526812       | 1.89%          | 0.058%        |
| 20        | 4.832       | 4.821        | 4.842      | VV       | 3527           | 34740        | 0.12%          | 0.004%        |
| 21        | 4.852       | 4.842        | 4.870      | VV       | 3382           | 29980        | 0.11%          | 0.003%        |
| 22        | 4.913       | 4.870        | 4.931      | PV       | 1673           | 32131        | 0.12%          | 0.004%        |
| 23        | 4.951       | 4.931        | 4.964      | VV       | 1288           | 21963        | 0.08%          | 0.002%        |
| 24        | 4.989       | 4.964        | 5.031      | VV       | 18579          | 255085       | 0.91%          | 0.028%        |
| 25        | 5.049       | 5.031        | 5.060      | VV       | 2665           | 32044        | 0.11%          | 0.004%        |
| 26        | 5.069       | 5.060        | 5.086      | VV       | 2267           | 20545        | 0.07%          | 0.002%        |
| 27        | 5.118       | 5.086        | 5.135      | VV       | 46285          | 502831       | 1.80%          | 0.055%        |
| 28        | 5.148       | 5.135        | 5.177      | VV       | 46811          | 445587       | 1.60%          | 0.049%        |
| 29        | 5.200       | 5.177        | 5.226      | VV       | 3536           | 48325        | 0.17%          | 0.005%        |
| 30        | 5.244       | 5.226        | 5.256      | VV       | 367            | 4388         | 0.02%          | 0.000%        |
| 31        | 5.299       | 5.256        | 5.321      | VV       | 38335          | 444884       | 1.59%          | 0.049%        |
| 32        | 5.332       | 5.321        | 5.349      | VV       | 15415          | 145332       | 0.52%          | 0.016%        |
| 33        | 5.362       | 5.349        | 5.374      | VV       | 5661           | 58984        | 0.21%          | 0.006%        |
| 34        | 5.392       | 5.374        | 5.407      | VV       | 76292          | 714987       | 2.56%          | 0.079%        |
| 35        | 5.419       | 5.407        | 5.433      | VV       | 27268          | 278833       | 1.00%          | 0.031%        |
| 36        | 5.445       | 5.433        | 5.463      | VV       | 19174          | 177097       | 0.63%          | 0.019%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.485 | 5.463 | 5.506 | VV | 29481  | 317347  | 1.14%  | 0.035% |
| 38     | 5.533 | 5.506 | 5.553 | VV | 11094  | 195823  | 0.70%  | 0.022% |
| 39     | 5.572 | 5.553 | 5.592 | VV | 16607  | 203659  | 0.73%  | 0.022% |
| 40     | 5.624 | 5.592 | 5.642 | VV | 16244  | 281009  | 1.01%  | 0.031% |
| 41     | 5.654 | 5.642 | 5.671 | VV | 8939   | 86618   | 0.31%  | 0.010% |
| 42     | 5.693 | 5.671 | 5.729 | VV | 23456  | 271534  | 0.97%  | 0.030% |
| 43     | 5.746 | 5.729 | 5.769 | VV | 16763  | 185347  | 0.66%  | 0.020% |
| 44     | 5.789 | 5.769 | 5.816 | VV | 43462  | 642923  | 2.30%  | 0.071% |
| 45     | 5.830 | 5.816 | 5.857 | VV | 17144  | 239202  | 0.86%  | 0.026% |
| 46     | 5.873 | 5.857 | 5.891 | VV | 30300  | 295606  | 1.06%  | 0.032% |
| 47     | 5.916 | 5.891 | 5.967 | VV | 23438  | 414628  | 1.49%  | 0.046% |
| 48     | 5.978 | 5.967 | 5.986 | VV | 1510   | 14075   | 0.05%  | 0.002% |
| 49     | 6.018 | 5.986 | 6.062 | VV | 20495  | 293330  | 1.05%  | 0.032% |
| 50     | 6.101 | 6.062 | 6.144 | VV | 21261  | 295417  | 1.06%  | 0.032% |
| 51     | 6.178 | 6.144 | 6.187 | VV | 7085   | 121739  | 0.44%  | 0.013% |
| 52     | 6.206 | 6.187 | 6.241 | VV | 28214  | 396926  | 1.42%  | 0.044% |
| 53     | 6.249 | 6.241 | 6.266 | VV | 6032   | 58922   | 0.21%  | 0.006% |
| 54     | 6.290 | 6.266 | 6.307 | VV | 15597  | 195995  | 0.70%  | 0.022% |
| 55     | 6.333 | 6.307 | 6.347 | VV | 6855   | 123188  | 0.44%  | 0.014% |
| 56     | 6.365 | 6.347 | 6.388 | VV | 39958  | 410836  | 1.47%  | 0.045% |
| 57     | 6.404 | 6.388 | 6.417 | VV | 6948   | 78392   | 0.28%  | 0.009% |
| 58     | 6.432 | 6.417 | 6.452 | VV | 12342  | 144614  | 0.52%  | 0.016% |
| 59     | 6.481 | 6.452 | 6.542 | VV | 43259  | 665082  | 2.38%  | 0.073% |
| 60     | 6.562 | 6.542 | 6.581 | VV | 9048   | 100638  | 0.36%  | 0.011% |
| 61     | 6.604 | 6.581 | 6.624 | VV | 15722  | 206314  | 0.74%  | 0.023% |
| 62     | 6.642 | 6.624 | 6.678 | VV | 23317  | 369912  | 1.33%  | 0.041% |
| 63     | 6.700 | 6.678 | 6.739 | VV | 46679  | 596982  | 2.14%  | 0.066% |
| 64     | 6.754 | 6.739 | 6.770 | VV | 7877   | 81798   | 0.29%  | 0.009% |
| 65     | 6.793 | 6.770 | 6.814 | VV | 14414  | 233551  | 0.84%  | 0.026% |
| 66     | 6.831 | 6.814 | 6.871 | VV | 26530  | 370330  | 1.33%  | 0.041% |
| 67     | 6.911 | 6.871 | 6.927 | VV | 3522   | 54693   | 0.20%  | 0.006% |
| 68     | 6.941 | 6.927 | 6.958 | VV | 2706   | 30281   | 0.11%  | 0.003% |
| 69     | 6.983 | 6.958 | 6.999 | VV | 19573  | 223376  | 0.80%  | 0.025% |
| 70     | 7.018 | 6.999 | 7.051 | VV | 17009  | 292859  | 1.05%  | 0.032% |
| 71     | 7.075 | 7.051 | 7.121 | VV | 11852  | 254000  | 0.91%  | 0.028% |
| 72     | 7.179 | 7.121 | 7.213 | PV | 10339  | 209512  | 0.75%  | 0.023% |
| 73     | 7.232 | 7.213 | 7.257 | VV | 6170   | 86886   | 0.31%  | 0.010% |
| 74     | 7.270 | 7.257 | 7.287 | VV | 2256   | 21649   | 0.08%  | 0.002% |
| 75     | 7.314 | 7.287 | 7.357 | VV | 455501 | 4382950 | 15.71% | 0.482% |
| 76     | 7.369 | 7.357 | 7.386 | VV | 4723   | 60171   | 0.22%  | 0.007% |
| 77     | 7.440 | 7.386 | 7.459 | VV | 15633  | 295680  | 1.06%  | 0.032% |
| 78     | 7.475 | 7.459 | 7.491 | VV | 6220   | 79803   | 0.29%  | 0.009% |
| 79     | 7.502 | 7.491 | 7.513 | VV | 3320   | 40392   | 0.14%  | 0.004% |
| 80     | 7.524 | 7.513 | 7.547 | VV | 3508   | 48619   | 0.17%  | 0.005% |
| 81     | 7.575 | 7.547 | 7.587 | VV | 7569   | 99758   | 0.36%  | 0.011% |
| 82     | 7.600 | 7.587 | 7.613 | VV | 10850  | 115054  | 0.41%  | 0.013% |
| 83     | 7.625 | 7.613 | 7.652 | VV | 8956   | 111095  | 0.40%  | 0.012% |
| 84     | 7.672 | 7.652 | 7.697 | VV | 8543   | 162254  | 0.58%  | 0.018% |
| 85     | 7.705 | 7.697 | 7.730 | VV | 5184   | 57960   | 0.21%  | 0.006% |
| 86     | 7.761 | 7.730 | 7.770 | PV | 9235   | 103437  | 0.37%  | 0.011% |
| 87     | 7.786 | 7.770 | 7.802 | VV | 16461  | 204303  | 0.73%  | 0.022% |
| 88     | 7.815 | 7.802 | 7.833 | VV | 10352  | 123405  | 0.44%  | 0.014% |
| 89     | 7.847 | 7.833 | 7.862 | VV | 5753   | 67404   | 0.24%  | 0.007% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 7.882  | 7.862  | 7.924  | VV | 14510  | 259692  | 0.93%  | 0.029% |
| 91     | 7.951  | 7.924  | 7.989  | VV | 13353  | 253995  | 0.91%  | 0.028% |
| 92     | 8.000  | 7.989  | 8.007  | VV | 1511   | 13565   | 0.05%  | 0.001% |
| 93     | 8.026  | 8.007  | 8.038  | VV | 4626   | 60938   | 0.22%  | 0.007% |
| 94     | 8.052  | 8.038  | 8.069  | VV | 6655   | 81490   | 0.29%  | 0.009% |
| 95     | 8.087  | 8.069  | 8.132  | VV | 9652   | 133235  | 0.48%  | 0.015% |
| 96     | 8.162  | 8.132  | 8.217  | PV | 275729 | 3000925 | 10.75% | 0.330% |
| 97     | 8.235  | 8.217  | 8.267  | VV | 5264   | 123269  | 0.44%  | 0.014% |
| 98     | 8.311  | 8.267  | 8.332  | VV | 7381   | 207840  | 0.74%  | 0.023% |
| 99     | 8.340  | 8.332  | 8.356  | VV | 4566   | 48984   | 0.18%  | 0.005% |
| 100    | 8.375  | 8.356  | 8.397  | VV | 6303   | 85403   | 0.31%  | 0.009% |
| 101    | 8.414  | 8.397  | 8.441  | VV | 7302   | 92591   | 0.33%  | 0.010% |
| 102    | 8.503  | 8.441  | 8.526  | VV | 8900   | 212871  | 0.76%  | 0.023% |
| 103    | 8.543  | 8.526  | 8.564  | VV | 5352   | 88754   | 0.32%  | 0.010% |
| 104    | 8.579  | 8.564  | 8.591  | VV | 3288   | 44832   | 0.16%  | 0.005% |
| 105    | 8.611  | 8.591  | 8.634  | VV | 6396   | 108485  | 0.39%  | 0.012% |
| 106    | 8.652  | 8.634  | 8.661  | VV | 9858   | 107615  | 0.39%  | 0.012% |
| 107    | 8.668  | 8.661  | 8.683  | VV | 8885   | 89992   | 0.32%  | 0.010% |
| 108    | 8.703  | 8.683  | 8.742  | VV | 16445  | 315317  | 1.13%  | 0.035% |
| 109    | 8.757  | 8.742  | 8.767  | VV | 5427   | 64533   | 0.23%  | 0.007% |
| 110    | 8.790  | 8.767  | 8.807  | VV | 13256  | 185604  | 0.67%  | 0.020% |
| 111    | 8.825  | 8.807  | 8.843  | VV | 7388   | 114588  | 0.41%  | 0.013% |
| 112    | 8.856  | 8.843  | 8.869  | VV | 6628   | 79648   | 0.29%  | 0.009% |
| 113    | 8.886  | 8.869  | 8.911  | VV | 20417  | 265600  | 0.95%  | 0.029% |
| 114    | 8.932  | 8.911  | 8.942  | VV | 18893  | 236746  | 0.85%  | 0.026% |
| 115    | 8.954  | 8.942  | 8.973  | VV | 18599  | 246650  | 0.88%  | 0.027% |
| 116    | 8.990  | 8.973  | 9.006  | VV | 19979  | 249884  | 0.90%  | 0.027% |
| 117    | 9.026  | 9.006  | 9.049  | VV | 29454  | 395404  | 1.42%  | 0.043% |
| 118    | 9.061  | 9.049  | 9.073  | VV | 7396   | 84396   | 0.30%  | 0.009% |
| 119    | 9.091  | 9.073  | 9.104  | VV | 15239  | 196989  | 0.71%  | 0.022% |
| 120    | 9.134  | 9.104  | 9.191  | VV | 31635  | 686158  | 2.46%  | 0.075% |
| 121    | 9.236  | 9.191  | 9.266  | VV | 40015  | 742637  | 2.66%  | 0.082% |
| 122    | 9.281  | 9.266  | 9.300  | VV | 17974  | 305508  | 1.09%  | 0.034% |
| 123    | 9.310  | 9.300  | 9.336  | VV | 12160  | 204918  | 0.73%  | 0.023% |
| 124    | 9.361  | 9.336  | 9.370  | VV | 21851  | 310959  | 1.11%  | 0.034% |
| 125    | 9.384  | 9.370  | 9.436  | VV | 27697  | 749257  | 2.69%  | 0.082% |
| 126    | 9.461  | 9.436  | 9.507  | VV | 33639  | 928893  | 3.33%  | 0.102% |
| 127    | 9.533  | 9.507  | 9.586  | VV | 11751  | 387398  | 1.39%  | 0.043% |
| 128    | 9.612  | 9.586  | 9.622  | VV | 36860  | 493390  | 1.77%  | 0.054% |
| 129    | 9.632  | 9.622  | 9.653  | VV | 37860  | 501842  | 1.80%  | 0.055% |
| 130    | 9.682  | 9.653  | 9.691  | VV | 60661  | 832447  | 2.98%  | 0.091% |
| 131    | 9.700  | 9.691  | 9.726  | VV | 60948  | 813434  | 2.92%  | 0.089% |
| 132    | 9.757  | 9.726  | 9.770  | VV | 36760  | 604019  | 2.16%  | 0.066% |
| 133    | 9.793  | 9.770  | 9.813  | VV | 53270  | 1053367 | 3.77%  | 0.116% |
| 134    | 9.829  | 9.813  | 9.839  | VV | 47060  | 605530  | 2.17%  | 0.067% |
| 135    | 9.854  | 9.839  | 9.893  | VV | 50291  | 991648  | 3.55%  | 0.109% |
| 136    | 9.935  | 9.893  | 10.002 | VV | 76336  | 1742330 | 6.24%  | 0.191% |
| 137    | 10.020 | 10.002 | 10.041 | VV | 15214  | 310334  | 1.11%  | 0.034% |
| 138    | 10.053 | 10.041 | 10.066 | VV | 15648  | 214678  | 0.77%  | 0.024% |
| 139    | 10.117 | 10.066 | 10.138 | VV | 93100  | 1757479 | 6.30%  | 0.193% |
| 140    | 10.150 | 10.138 | 10.174 | VV | 45725  | 586538  | 2.10%  | 0.064% |
| 141    | 10.204 | 10.174 | 10.214 | VV | 21634  | 369921  | 1.33%  | 0.041% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 10.228 | 10.214 | 10.256 | VV | 28619   | 476373   | 1.71%  | 0.052% |
| 143    | 10.280 | 10.256 | 10.296 | VV | 14055   | 318379   | 1.14%  | 0.035% |
| 144    | 10.320 | 10.296 | 10.336 | VV | 100310  | 1280215  | 4.59%  | 0.141% |
| 145    | 10.351 | 10.336 | 10.402 | VV | 97442   | 1326997  | 4.76%  | 0.146% |
| 146    | 10.436 | 10.402 | 10.484 | VV | 100010  | 1434277  | 5.14%  | 0.158% |
| 147    | 10.527 | 10.484 | 10.555 | VV | 15607   | 519015   | 1.86%  | 0.057% |
| 148    | 10.584 | 10.555 | 10.612 | VV | 165524  | 2075365  | 7.44%  | 0.228% |
| 149    | 10.621 | 10.612 | 10.649 | VV | 11399   | 219248   | 0.79%  | 0.024% |
| 150    | 10.673 | 10.649 | 10.689 | VV | 10571   | 228495   | 0.82%  | 0.025% |
| 151    | 10.703 | 10.689 | 10.714 | VV | 10853   | 146458   | 0.52%  | 0.016% |
| 152    | 10.734 | 10.714 | 10.762 | VV | 11773   | 300688   | 1.08%  | 0.033% |
| 153    | 10.789 | 10.762 | 10.802 | VV | 12116   | 247519   | 0.89%  | 0.027% |
| 154    | 10.845 | 10.802 | 10.871 | VV | 542452  | 6537282  | 23.43% | 0.718% |
| 155    | 10.884 | 10.871 | 10.896 | VV | 15832   | 228980   | 0.82%  | 0.025% |
| 156    | 10.919 | 10.896 | 10.943 | VV | 20792   | 460204   | 1.65%  | 0.051% |
| 157    | 11.006 | 10.943 | 11.028 | VV | 353625  | 5272865  | 18.90% | 0.579% |
| 158    | 11.050 | 11.028 | 11.104 | VV | 342103  | 4223841  | 15.14% | 0.464% |
| 159    | 11.133 | 11.104 | 11.172 | VV | 328752  | 4003076  | 14.35% | 0.440% |
| 160    | 11.201 | 11.172 | 11.224 | VV | 309779  | 3687471  | 13.21% | 0.405% |
| 161    | 11.235 | 11.224 | 11.259 | VV | 33143   | 567727   | 2.03%  | 0.062% |
| 162    | 11.287 | 11.259 | 11.312 | VV | 572851  | 6590257  | 23.62% | 0.724% |
| 163    | 11.334 | 11.312 | 11.354 | VV | 33556   | 635459   | 2.28%  | 0.070% |
| 164    | 11.366 | 11.354 | 11.381 | VV | 19389   | 291163   | 1.04%  | 0.032% |
| 165    | 11.399 | 11.381 | 11.423 | VV | 18595   | 455323   | 1.63%  | 0.050% |
| 166    | 11.446 | 11.423 | 11.464 | VV | 25343   | 522486   | 1.87%  | 0.057% |
| 167    | 11.477 | 11.464 | 11.497 | VV | 24005   | 409007   | 1.47%  | 0.045% |
| 168    | 11.544 | 11.497 | 11.567 | VV | 1351162 | 17504814 | 62.73% | 1.924% |
| 169    | 11.575 | 11.567 | 11.622 | VV | 30011   | 882040   | 3.16%  | 0.097% |
| 170    | 11.649 | 11.622 | 11.658 | VV | 164153  | 2024964  | 7.26%  | 0.223% |
| 171    | 11.670 | 11.658 | 11.689 | VV | 186919  | 2313499  | 8.29%  | 0.254% |
| 172    | 11.711 | 11.689 | 11.775 | VV | 197754  | 3675005  | 13.17% | 0.404% |
| 173    | 11.800 | 11.775 | 11.822 | VV | 180699  | 2397175  | 8.59%  | 0.263% |
| 174    | 11.836 | 11.822 | 11.855 | VV | 37735   | 627404   | 2.25%  | 0.069% |
| 175    | 11.911 | 11.855 | 11.927 | VV | 63401   | 2031212  | 7.28%  | 0.223% |
| 176    | 11.952 | 11.927 | 11.987 | VV | 261071  | 4302570  | 15.42% | 0.473% |
| 177    | 12.019 | 11.987 | 12.044 | VV | 75253   | 2084547  | 7.47%  | 0.229% |
| 178    | 12.076 | 12.044 | 12.099 | VV | 60345   | 1648441  | 5.91%  | 0.181% |
| 179    | 12.126 | 12.099 | 12.142 | VV | 51867   | 1116756  | 4.00%  | 0.123% |
| 180    | 12.195 | 12.142 | 12.219 | VV | 548622  | 8322668  | 29.82% | 0.915% |
| 181    | 12.235 | 12.219 | 12.274 | VV | 75251   | 2022214  | 7.25%  | 0.222% |
| 182    | 12.299 | 12.274 | 12.314 | VV | 84576   | 1608556  | 5.76%  | 0.177% |
| 183    | 12.331 | 12.314 | 12.352 | VV | 102236  | 2006742  | 7.19%  | 0.221% |
| 184    | 12.371 | 12.352 | 12.391 | VV | 107022  | 2067576  | 7.41%  | 0.227% |
| 185    | 12.403 | 12.391 | 12.436 | VV | 85206   | 1921020  | 6.88%  | 0.211% |
| 186    | 12.470 | 12.436 | 12.488 | VV | 111946  | 2637342  | 9.45%  | 0.290% |
| 187    | 12.522 | 12.488 | 12.541 | VV | 134568  | 3506450  | 12.57% | 0.385% |
| 188    | 12.549 | 12.541 | 12.562 | VV | 111392  | 1286633  | 4.61%  | 0.141% |
| 189    | 12.605 | 12.562 | 12.627 | VV | 134769  | 4783130  | 17.14% | 0.526% |
| 190    | 12.649 | 12.627 | 12.683 | VV | 290694  | 6256980  | 22.42% | 0.688% |
| 191    | 12.691 | 12.683 | 12.725 | VV | 133056  | 2989197  | 10.71% | 0.329% |
| 192    | 12.785 | 12.725 | 12.800 | VV | 192661  | 6573076  | 23.56% | 0.722% |
| 193    | 12.815 | 12.800 | 12.846 | VV | 195792  | 4762690  | 17.07% | 0.523% |
| 194    | 12.869 | 12.846 | 12.887 | VV | 183103  | 3880744  | 13.91% | 0.426% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 195 | 12.916 | 12.887 | 12.931 | VV | 252280 | 5087826  | 18.23%  | 0.559% |
| 196 | 12.953 | 12.931 | 13.000 | VV | 237931 | 8390938  | 30.07%  | 0.922% |
| 197 | 13.022 | 13.000 | 13.045 | VV | 234833 | 5507613  | 19.74%  | 0.605% |
| 198 | 13.057 | 13.045 | 13.066 | VV | 208592 | 2574128  | 9.22%   | 0.283% |
| 199 | 13.083 | 13.066 | 13.099 | VV | 214080 | 4106555  | 14.72%  | 0.451% |
| 200 | 13.112 | 13.099 | 13.134 | VV | 233650 | 4347706  | 15.58%  | 0.478% |
| 201 | 13.194 | 13.134 | 13.216 | VV | 294811 | 11931280 | 42.76%  | 1.311% |
| 202 | 13.227 | 13.216 | 13.252 | VV | 261124 | 5222626  | 18.72%  | 0.574% |
| 203 | 13.265 | 13.252 | 13.281 | VV | 206622 | 3375412  | 12.10%  | 0.371% |
| 204 | 13.299 | 13.281 | 13.314 | VV | 275478 | 4781018  | 17.13%  | 0.525% |
| 205 | 13.334 | 13.314 | 13.361 | VV | 307064 | 6831825  | 24.48%  | 0.751% |
| 206 | 13.394 | 13.361 | 13.414 | VV | 297883 | 7820015  | 28.02%  | 0.859% |
| 207 | 13.443 | 13.414 | 13.462 | VV | 306352 | 7775596  | 27.86%  | 0.855% |
| 208 | 13.485 | 13.462 | 13.497 | VV | 277457 | 5554779  | 19.91%  | 0.610% |
| 209 | 13.553 | 13.497 | 13.577 | VV | 355245 | 14332629 | 51.36%  | 1.575% |
| 210 | 13.629 | 13.577 | 13.646 | VV | 293893 | 11298716 | 40.49%  | 1.242% |
| 211 | 13.662 | 13.646 | 13.694 | VV | 296565 | 7534427  | 27.00%  | 0.828% |
| 212 | 13.713 | 13.694 | 13.742 | VV | 262980 | 6914779  | 24.78%  | 0.760% |
| 213 | 13.762 | 13.742 | 13.780 | VV | 294213 | 5647216  | 20.24%  | 0.621% |
| 214 | 13.816 | 13.780 | 13.867 | VV | 399620 | 14976545 | 53.67%  | 1.646% |
| 215 | 13.892 | 13.867 | 13.924 | VV | 269592 | 8366756  | 29.98%  | 0.919% |
| 216 | 13.987 | 13.924 | 14.012 | VV | 421659 | 16044234 | 57.50%  | 1.763% |
| 217 | 14.035 | 14.012 | 14.051 | VV | 378773 | 7588616  | 27.19%  | 0.834% |
| 218 | 14.070 | 14.051 | 14.100 | VV | 374590 | 9406075  | 33.71%  | 1.034% |
| 219 | 14.121 | 14.100 | 14.140 | VV | 394390 | 7284669  | 26.11%  | 0.801% |
| 220 | 14.150 | 14.140 | 14.162 | VV | 263955 | 3359098  | 12.04%  | 0.369% |
| 221 | 14.187 | 14.162 | 14.212 | VV | 308390 | 8389173  | 30.06%  | 0.922% |
| 222 | 14.246 | 14.212 | 14.279 | VV | 398033 | 12370800 | 44.33%  | 1.359% |
| 223 | 14.304 | 14.279 | 14.357 | VV | 332699 | 13057598 | 46.79%  | 1.435% |
| 224 | 14.392 | 14.357 | 14.420 | VV | 416401 | 11275854 | 40.41%  | 1.239% |
| 225 | 14.450 | 14.420 | 14.474 | VV | 458083 | 11253929 | 40.33%  | 1.237% |
| 226 | 14.493 | 14.474 | 14.510 | VV | 467122 | 8571707  | 30.72%  | 0.942% |
| 227 | 14.527 | 14.510 | 14.557 | VV | 390996 | 9893921  | 35.46%  | 1.087% |
| 228 | 14.578 | 14.557 | 14.594 | VV | 331665 | 6665096  | 23.88%  | 0.732% |
| 229 | 14.615 | 14.594 | 14.656 | VV | 419128 | 12670753 | 45.41%  | 1.392% |
| 230 | 14.669 | 14.656 | 14.681 | VV | 275550 | 4018716  | 14.40%  | 0.442% |
| 231 | 14.711 | 14.681 | 14.724 | VV | 462900 | 9926385  | 35.57%  | 1.091% |
| 232 | 14.740 | 14.724 | 14.771 | VV | 501669 | 12036596 | 43.13%  | 1.323% |
| 233 | 14.790 | 14.771 | 14.825 | VV | 422225 | 11618066 | 41.63%  | 1.277% |
| 234 | 14.840 | 14.825 | 14.867 | VV | 358523 | 7671983  | 27.49%  | 0.843% |
| 235 | 14.900 | 14.867 | 14.916 | VV | 356709 | 8548518  | 30.63%  | 0.939% |
| 236 | 14.953 | 14.916 | 14.975 | VV | 651922 | 16997375 | 60.91%  | 1.868% |
| 237 | 15.000 | 14.975 | 15.047 | VV | 558844 | 19569460 | 70.13%  | 2.151% |
| 238 | 15.073 | 15.047 | 15.102 | VV | 366972 | 10010630 | 35.87%  | 1.100% |
| 239 | 15.192 | 15.102 | 15.225 | VV | 629318 | 27905078 | 100.00% | 3.067% |
| 240 | 15.252 | 15.225 | 15.281 | VV | 588731 | 15816246 | 56.68%  | 1.738% |
| 241 | 15.295 | 15.281 | 15.313 | VV | 398628 | 6930408  | 24.84%  | 0.762% |
| 242 | 15.333 | 15.313 | 15.365 | VV | 430861 | 11392240 | 40.82%  | 1.252% |
| 243 | 15.379 | 15.365 | 15.401 | VV | 376559 | 7396417  | 26.51%  | 0.813% |
| 244 | 15.441 | 15.401 | 15.461 | VV | 687059 | 16742026 | 60.00%  | 1.840% |
| 245 | 15.493 | 15.461 | 15.529 | VV | 629969 | 19195166 | 68.79%  | 2.109% |
| 246 | 15.550 | 15.529 | 15.589 | VV | 401662 | 10861678 | 38.92%  | 1.194% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 15.617 | 15.589 | 15.637 | VV | 294869 | 8036631  | 28.80% | 0.883% |
| 248    | 15.674 | 15.637 | 15.704 | VV | 513422 | 16613184 | 59.53% | 1.826% |
| 249    | 15.737 | 15.704 | 15.781 | VV | 628657 | 20458414 | 73.31% | 2.248% |
| 250    | 15.807 | 15.781 | 15.831 | VV | 400004 | 10099844 | 36.19% | 1.110% |
|        |        |        |        |    |        |          |        |        |
| 251    | 15.847 | 15.831 | 15.869 | VV | 335695 | 7210296  | 25.84% | 0.792% |
| 252    | 15.911 | 15.869 | 15.941 | VV | 540342 | 16871769 | 60.46% | 1.854% |
| 253    | 15.966 | 15.941 | 15.993 | VV | 545369 | 12258896 | 43.93% | 1.347% |
| 254    | 16.008 | 15.993 | 16.034 | VV | 310462 | 6498745  | 23.29% | 0.714% |
| 255    | 16.081 | 16.034 | 16.096 | VV | 254606 | 8615769  | 30.88% | 0.947% |
|        |        |        |        |    |        |          |        |        |
| 256    | 16.132 | 16.096 | 16.159 | VV | 367517 | 11667385 | 41.81% | 1.282% |
| 257    | 16.178 | 16.159 | 16.194 | VV | 405358 | 7150144  | 25.62% | 0.786% |
| 258    | 16.211 | 16.194 | 16.235 | VV | 443906 | 8057962  | 28.88% | 0.886% |
| 259    | 16.266 | 16.235 | 16.297 | VV | 288614 | 8900262  | 31.89% | 0.978% |
| 260    | 16.305 | 16.297 | 16.331 | VV | 214490 | 4104757  | 14.71% | 0.451% |
|        |        |        |        |    |        |          |        |        |
| 261    | 16.366 | 16.331 | 16.392 | VV | 321404 | 9116842  | 32.67% | 1.002% |
| 262    | 16.418 | 16.392 | 16.444 | VV | 351089 | 7682970  | 27.53% | 0.844% |
| 263    | 16.460 | 16.444 | 16.516 | VV | 178337 | 6785429  | 24.32% | 0.746% |
| 264    | 16.531 | 16.516 | 16.550 | VV | 158907 | 3044346  | 10.91% | 0.335% |
| 265    | 16.575 | 16.550 | 16.598 | VV | 207702 | 4948388  | 17.73% | 0.544% |
|        |        |        |        |    |        |          |        |        |
| 266    | 16.618 | 16.598 | 16.641 | VV | 198140 | 4449607  | 15.95% | 0.489% |
| 267    | 16.661 | 16.641 | 16.684 | VV | 241252 | 4527036  | 16.22% | 0.498% |
| 268    | 16.703 | 16.684 | 16.734 | VV | 155378 | 3933707  | 14.10% | 0.432% |
| 269    | 16.752 | 16.734 | 16.777 | VV | 109192 | 2711142  | 9.72%  | 0.298% |
| 270    | 16.803 | 16.777 | 16.830 | VV | 142447 | 3582750  | 12.84% | 0.394% |
|        |        |        |        |    |        |          |        |        |
| 271    | 16.856 | 16.830 | 16.927 | VV | 151574 | 5604333  | 20.08% | 0.616% |
| 272    | 16.936 | 16.927 | 16.958 | VV | 69567  | 1188489  | 4.26%  | 0.131% |
| 273    | 17.007 | 16.958 | 17.031 | VV | 90044  | 3197751  | 11.46% | 0.351% |
| 274    | 17.045 | 17.031 | 17.071 | VV | 76575  | 1547886  | 5.55%  | 0.170% |
| 275    | 17.094 | 17.071 | 17.119 | VV | 98285  | 2079762  | 7.45%  | 0.229% |
|        |        |        |        |    |        |          |        |        |
| 276    | 17.128 | 17.119 | 17.171 | VV | 58310  | 1466977  | 5.26%  | 0.161% |
| 277    | 17.186 | 17.171 | 17.207 | VV | 40692  | 834193   | 2.99%  | 0.092% |
| 278    | 17.228 | 17.207 | 17.256 | VV | 50305  | 1200868  | 4.30%  | 0.132% |
| 279    | 17.284 | 17.256 | 17.319 | VV | 52763  | 1467550  | 5.26%  | 0.161% |
| 280    | 17.329 | 17.319 | 17.362 | VV | 32311  | 726587   | 2.60%  | 0.080% |
|        |        |        |        |    |        |          |        |        |
| 281    | 17.371 | 17.362 | 17.405 | VV | 25066  | 599392   | 2.15%  | 0.066% |
| 282    | 17.429 | 17.405 | 17.466 | VV | 25490  | 817304   | 2.93%  | 0.090% |
| 283    | 17.483 | 17.466 | 17.492 | VV | 23543  | 348406   | 1.25%  | 0.038% |
| 284    | 17.516 | 17.492 | 17.542 | VV | 32342  | 731270   | 2.62%  | 0.080% |
| 285    | 17.556 | 17.542 | 17.586 | VV | 16107  | 357960   | 1.28%  | 0.039% |
|        |        |        |        |    |        |          |        |        |
| 286    | 17.598 | 17.586 | 17.612 | VV | 13684  | 206775   | 0.74%  | 0.023% |
| 287    | 17.614 | 17.612 | 17.627 | VV | 13556  | 110716   | 0.40%  | 0.012% |
| 288    | 17.653 | 17.627 | 17.731 | VV | 25723  | 856164   | 3.07%  | 0.094% |
| 289    | 17.747 | 17.731 | 17.779 | VV | 12610  | 271085   | 0.97%  | 0.030% |
| 290    | 17.794 | 17.779 | 17.816 | VV | 6397   | 135945   | 0.49%  | 0.015% |
|        |        |        |        |    |        |          |        |        |
| 291    | 17.823 | 17.816 | 17.847 | VV | 6434   | 105325   | 0.38%  | 0.012% |
| 292    | 17.861 | 17.847 | 17.879 | VV | 5889   | 93351    | 0.33%  | 0.010% |
| 293    | 17.899 | 17.879 | 17.923 | VV | 4493   | 95096    | 0.34%  | 0.010% |
| 294    | 17.933 | 17.923 | 17.959 | VV | 4358   | 53434    | 0.19%  | 0.006% |
| 295    | 17.961 | 17.959 | 17.972 | VV | 1795   | 9170     | 0.03%  | 0.001% |
|        |        |        |        |    |        |          |        |        |
| 296    | 17.985 | 17.972 | 18.007 | VV | 1861   | 29301    | 0.11%  | 0.003% |
| 297    | 18.018 | 18.007 | 18.039 | VV | 1087   | 13381    | 0.05%  | 0.001% |

Sum of corrected areas: 909953247

rteres

Aromatic EPH 022819.M Fri Mar 15 09:31:37 2019