

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031619\  
Data File : FG004220.D  
Signal(s) : FID1A.ch  
Acq On : 15 Mar 2019 17:00  
Operator : AJ\SJ  
Sample : K1685-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-031419-C

Integration File: autoint1.e  
Quant Time: Mar 15 23:55:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.M  
Quant Title :  
QLast Update : Tue Mar 05 03:05:54 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um

| Compound                      | R.T.   | Response | Conc Units   |
|-------------------------------|--------|----------|--------------|
| -----                         |        |          |              |
| System Monitoring Compounds   |        |          |              |
| 9) S TETRACOSANE-d50 (SURR... | 14.439 | 1273297  | 10.128 ug/ml |

Target Compounds

-----

(f)=RT Delta > 1/2 Window

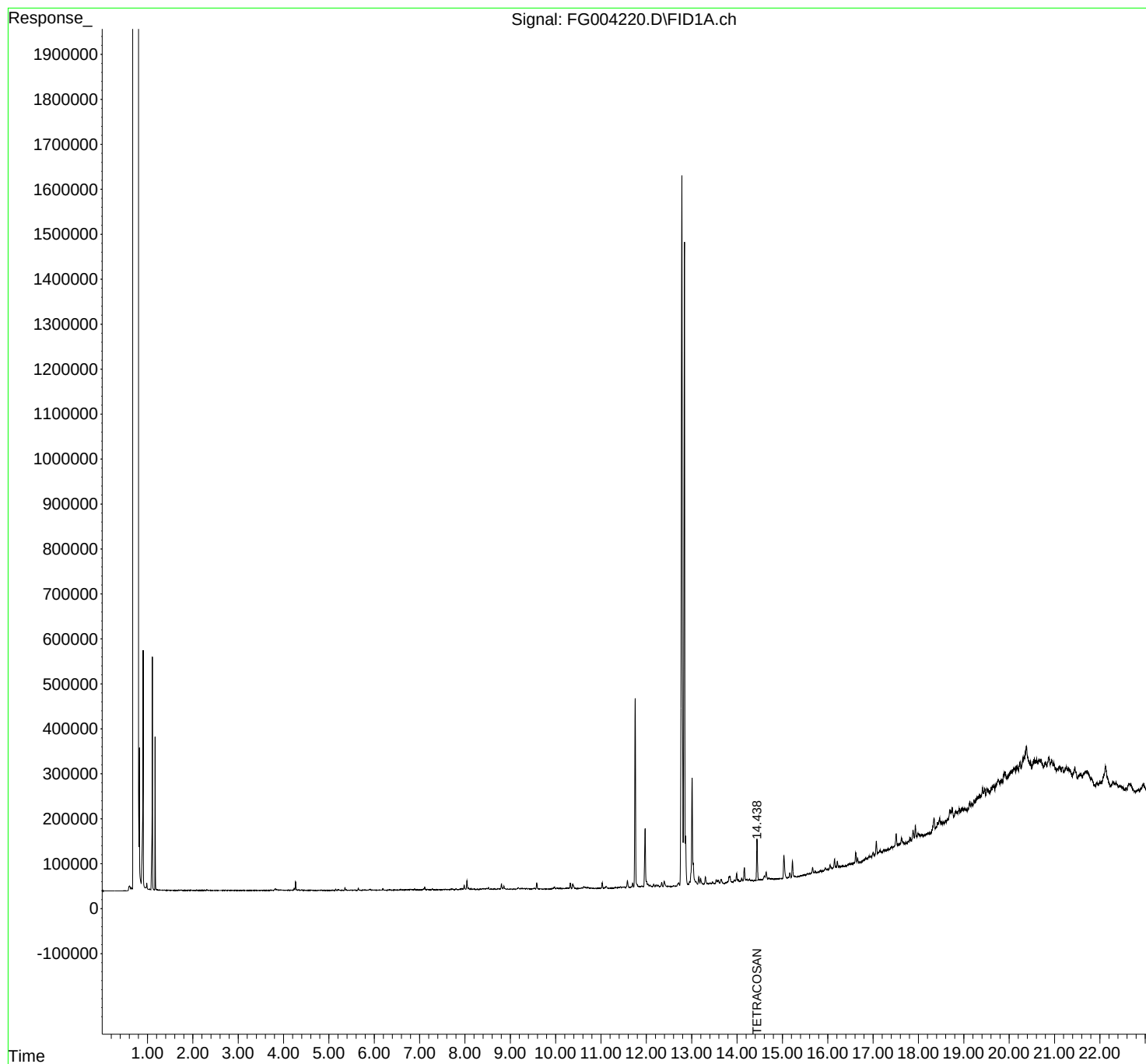
(m)=manual int.

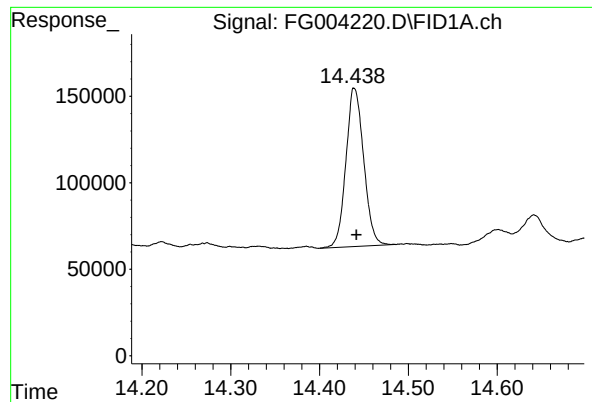
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031619\  
Data File : FG004220.D  
Signal(s) : FID1A.ch  
Acq On : 15 Mar 2019 17:00  
Operator : AJ\SJ  
Sample : K1685-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-031419-C

Integration File: autoint1.e  
Quant Time: Mar 15 23:55:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.M  
Quant Title :  
QLast Update : Tue Mar 05 03:05:54 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1uL  
Signal Phase : Rxi-1ms  
Signal Info : 20mx0.18mmx0.18um





#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.439 min  
Delta R.T.: -0.002 min  
Response: 1273297  
Conc: 10.13 ug/ml

Instrument :  
FID\_G  
ClientSampleId :  
AU-05-031419-C

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG031619\  
Data File : FG004220.D  
Signal(s) : FID1A.ch  
Acq On : 15 Mar 2019 17:00  
Sample : K1685-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG030419.M  
Title :

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         | 4.166       | 4.135        | 4.182      | BH       | 761            | 5454         | 0.02%          | 0.004%        |
| 2         | 4.203       | 4.182        | 4.214      | HH       | 270            | 2682         | 0.01%          | 0.002%        |
| 3         | 4.235       | 4.214        | 4.247      | PH       | 4845           | 44003        | 0.17%          | 0.030%        |
| 4         | 4.265       | 4.247        | 4.301      | HH       | 19018          | 187511       | 0.72%          | 0.127%        |
| 5         | 4.320       | 4.301        | 4.378      | HH       | 1223           | 24718        | 0.10%          | 0.017%        |
| 6         | 4.395       | 4.378        | 4.438      | HH       | 1145           | 11425        | 0.04%          | 0.008%        |
| 7         | 4.443       | 4.438        | 4.459      | PH       | -13            | -1365        | -0.01%         | -0.001%       |
| 8         | 4.472       | 4.459        | 4.505      | PH       | -89            | -4579        | -0.02%         | -0.003%       |
| 9         | 4.540       | 4.505        | 4.552      | PH       | 49             | -3202        | -0.01%         | -0.002%       |
| 10        | 4.559       | 4.552        | 4.569      | PH       | -58            | -796         | -0.00%         | -0.001%       |
| 11        | 4.584       | 4.569        | 4.602      | PH       | 38             | -1249        | -0.00%         | -0.001%       |
| 12        | 4.623       | 4.602        | 4.678      | PH       | 301            | -5682        | -0.02%         | -0.004%       |
| 13        | 4.692       | 4.678        | 4.745      | PH       | -142           | -12743       | -0.05%         | -0.009%       |
| 14        | 4.764       | 4.745        | 4.791      | PH       | -47            | -5385        | -0.02%         | -0.004%       |
| 15        | 4.807       | 4.791        | 4.822      | PH       | 54             | -2126        | -0.01%         | -0.001%       |
| 16        | 4.837       | 4.822        | 4.863      | PH       | 583            | 2886         | 0.01%          | 0.002%        |
| 17        | 4.878       | 4.863        | 4.895      | PH       | -35            | -3120        | -0.01%         | -0.002%       |
| 18        | 4.910       | 4.895        | 4.946      | PH       | -6             | -6703        | -0.03%         | -0.005%       |
| 19        | 4.973       | 4.946        | 4.982      | PH       | -256           | -6971        | -0.03%         | -0.005%       |
| 20        | 4.998       | 4.982        | 5.012      | PH       | -65            | -3910        | -0.02%         | -0.003%       |
| 21        | 5.031       | 5.012        | 5.049      | PH       | 70             | -2089        | -0.01%         | -0.001%       |
| 22        | 5.065       | 5.049        | 5.076      | PH       | 5              | -616         | -0.00%         | -0.000%       |
| 23        | 5.097       | 5.076        | 5.127      | PH       | 324            | 343          | 0.00%          | 0.000%        |
| 24        | 5.150       | 5.127        | 5.171      | PH       | 2921           | 22281        | 0.09%          | 0.015%        |
| 25        | 5.209       | 5.171        | 5.263      | PH       | 2033           | 24385        | 0.09%          | 0.017%        |
| 26        | 5.286       | 5.263        | 5.334      | PH       | 219            | -2964        | -0.01%         | -0.002%       |
| 27        | 5.355       | 5.334        | 5.438      | PH       | 6241           | 62331        | 0.24%          | 0.042%        |
| 28        | 5.456       | 5.438        | 5.465      | PH       | 54             | -1440        | -0.01%         | -0.001%       |
| 29        | 5.485       | 5.465        | 5.525      | PH       | 859            | 14073        | 0.05%          | 0.010%        |
| 30        | 5.571       | 5.525        | 5.604      | PH       | 1045           | 13865        | 0.05%          | 0.009%        |
| 31        | 5.616       | 5.604        | 5.627      | PH       | 23             | -206         | -0.00%         | -0.000%       |
| 32        | 5.650       | 5.627        | 5.680      | PH       | 4671           | 48561        | 0.19%          | 0.033%        |
| 33        | 5.707       | 5.680        | 5.727      | HH       | 474            | 5594         | 0.02%          | 0.004%        |
| 34        | 5.750       | 5.727        | 5.775      | PH       | 630            | 12041        | 0.05%          | 0.008%        |
| 35        | 5.798       | 5.775        | 5.825      | HH       | 647            | 12362        | 0.05%          | 0.008%        |
| 36        | 5.845       | 5.825        | 5.863      | PH       | 613            | 7588         | 0.03%          | 0.005%        |

|    |       |       |       |    | retention |        |       |        |
|----|-------|-------|-------|----|-----------|--------|-------|--------|
| 37 | 5.912 | 5.863 | 5.950 | HH | 2730      | 55851  | 0.22% | 0.038% |
| 38 | 5.966 | 5.950 | 5.982 | HH | 650       | 7949   | 0.03% | 0.005% |
| 39 | 5.987 | 5.982 | 6.002 | HH | 425       | 4644   | 0.02% | 0.003% |
| 40 | 6.016 | 6.002 | 6.050 | HH | 625       | 11944  | 0.05% | 0.008% |
| 41 | 6.065 | 6.050 | 6.093 | HH | 469       | 8972   | 0.03% | 0.006% |
| 42 | 6.115 | 6.093 | 6.145 | HH | 1061      | 19361  | 0.07% | 0.013% |
| 43 | 6.157 | 6.145 | 6.167 | HH | 540       | 6001   | 0.02% | 0.004% |
| 44 | 6.189 | 6.167 | 6.242 | HH | 3955      | 53557  | 0.21% | 0.036% |
| 45 | 6.272 | 6.242 | 6.288 | HH | 443       | 7143   | 0.03% | 0.005% |
| 46 | 6.304 | 6.288 | 6.316 | HH | 674       | 7919   | 0.03% | 0.005% |
| 47 | 6.336 | 6.316 | 6.358 | HH | 1972      | 27385  | 0.11% | 0.019% |
| 48 | 6.377 | 6.358 | 6.396 | HH | 691       | 11827  | 0.05% | 0.008% |
| 49 | 6.409 | 6.396 | 6.419 | HH | 474       | 5062   | 0.02% | 0.003% |
| 50 | 6.435 | 6.419 | 6.446 | HH | 593       | 7348   | 0.03% | 0.005% |
| 51 | 6.462 | 6.446 | 6.483 | HH | 1315      | 15067  | 0.06% | 0.010% |
| 52 | 6.503 | 6.483 | 6.518 | HH | 898       | 12342  | 0.05% | 0.008% |
| 53 | 6.532 | 6.518 | 6.551 | HH | 703       | 11187  | 0.04% | 0.008% |
| 54 | 6.581 | 6.551 | 6.612 | HH | 2679      | 41696  | 0.16% | 0.028% |
| 55 | 6.623 | 6.612 | 6.641 | HH | 587       | 9379   | 0.04% | 0.006% |
| 56 | 6.656 | 6.641 | 6.672 | HH | 657       | 10906  | 0.04% | 0.007% |
| 57 | 6.701 | 6.672 | 6.722 | HH | 1746      | 35209  | 0.14% | 0.024% |
| 58 | 6.744 | 6.722 | 6.771 | HH | 2069      | 34528  | 0.13% | 0.023% |
| 59 | 6.805 | 6.771 | 6.833 | HH | 2391      | 55414  | 0.21% | 0.038% |
| 60 | 6.848 | 6.833 | 6.865 | HH | 1772      | 23603  | 0.09% | 0.016% |
| 61 | 6.889 | 6.865 | 6.926 | HH | 3394      | 58992  | 0.23% | 0.040% |
| 62 | 6.947 | 6.926 | 6.967 | HH | 1671      | 27654  | 0.11% | 0.019% |
| 63 | 6.986 | 6.967 | 7.002 | HH | 1423      | 20227  | 0.08% | 0.014% |
| 64 | 7.014 | 7.002 | 7.029 | HH | 977       | 14549  | 0.06% | 0.010% |
| 65 | 7.086 | 7.029 | 7.095 | HH | 3274      | 60192  | 0.23% | 0.041% |
| 66 | 7.112 | 7.095 | 7.154 | HH | 7426      | 113770 | 0.44% | 0.077% |
| 67 | 7.176 | 7.154 | 7.248 | HH | 2009      | 76513  | 0.29% | 0.052% |
| 68 | 7.282 | 7.248 | 7.315 | HH | 3038      | 70378  | 0.27% | 0.048% |
| 69 | 7.331 | 7.315 | 7.354 | HH | 1473      | 25605  | 0.10% | 0.017% |
| 70 | 7.374 | 7.354 | 7.401 | HH | 1359      | 30362  | 0.12% | 0.021% |
| 71 | 7.420 | 7.401 | 7.429 | HH | 1544      | 21303  | 0.08% | 0.014% |
| 72 | 7.442 | 7.429 | 7.458 | HH | 1795      | 25078  | 0.10% | 0.017% |
| 73 | 7.473 | 7.458 | 7.499 | HH | 1719      | 30442  | 0.12% | 0.021% |
| 74 | 7.533 | 7.499 | 7.551 | HH | 2179      | 46540  | 0.18% | 0.031% |
| 75 | 7.569 | 7.551 | 7.608 | HH | 2342      | 61616  | 0.24% | 0.042% |
| 76 | 7.632 | 7.608 | 7.652 | HH | 2032      | 40912  | 0.16% | 0.028% |
| 77 | 7.679 | 7.652 | 7.693 | HH | 2527      | 45326  | 0.17% | 0.031% |
| 78 | 7.708 | 7.693 | 7.720 | HH | 3071      | 39867  | 0.15% | 0.027% |
| 79 | 7.733 | 7.720 | 7.756 | HH | 3205      | 47083  | 0.18% | 0.032% |
| 80 | 7.804 | 7.756 | 7.832 | HH | 4114      | 92244  | 0.36% | 0.062% |
| 81 | 7.847 | 7.832 | 7.862 | HH | 1801      | 29821  | 0.11% | 0.020% |
| 82 | 7.889 | 7.862 | 7.916 | HH | 2917      | 78650  | 0.30% | 0.053% |
| 83 | 7.952 | 7.916 | 7.962 | HH | 3421      | 83527  | 0.32% | 0.057% |
| 84 | 7.983 | 7.962 | 8.017 | HH | 11307     | 180019 | 0.69% | 0.122% |
| 85 | 8.044 | 8.017 | 8.110 | HH | 20993     | 378286 | 1.46% | 0.256% |
| 86 | 8.129 | 8.110 | 8.149 | HH | 3468      | 68183  | 0.26% | 0.046% |
| 87 | 8.161 | 8.149 | 8.175 | HH | 2698      | 38282  | 0.15% | 0.026% |
| 88 | 8.196 | 8.175 | 8.243 | HH | 3244      | 97686  | 0.38% | 0.066% |
| 89 | 8.267 | 8.243 | 8.293 | HH | 2494      | 60585  | 0.23% | 0.041% |

|     |        |        |        |    | rt    | Area   | Area% | Area%  |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 90  | 8.335  | 8.293  | 8.362  | HH | 2987  | 94334  | 0.36% | 0.064% |
| 91  | 8.399  | 8.362  | 8.416  | HH | 3533  | 102992 | 0.40% | 0.070% |
| 92  | 8.427  | 8.416  | 8.449  | HH | 3447  | 62999  | 0.24% | 0.043% |
| 93  | 8.487  | 8.449  | 8.501  | HH | 4040  | 108167 | 0.42% | 0.073% |
| 94  | 8.519  | 8.501  | 8.545  | HH | 6498  | 105973 | 0.41% | 0.072% |
| 95  | 8.571  | 8.545  | 8.602  | HH | 3286  | 85689  | 0.33% | 0.058% |
| 96  | 8.620  | 8.602  | 8.631  | HH | 2763  | 43324  | 0.17% | 0.029% |
| 97  | 8.656  | 8.631  | 8.680  | HH | 3312  | 81234  | 0.31% | 0.055% |
| 98  | 8.693  | 8.680  | 8.701  | HH | 2458  | 29556  | 0.11% | 0.020% |
| 99  | 8.721  | 8.701  | 8.752  | HH | 3511  | 92673  | 0.36% | 0.063% |
| 100 | 8.764  | 8.752  | 8.777  | HH | 3005  | 42994  | 0.17% | 0.029% |
| 101 | 8.806  | 8.777  | 8.842  | HH | 14238 | 253744 | 0.98% | 0.172% |
| 102 | 8.860  | 8.842  | 8.911  | HH | 9393  | 200184 | 0.77% | 0.135% |
| 103 | 8.944  | 8.911  | 8.966  | HH | 3112  | 86589  | 0.33% | 0.059% |
| 104 | 8.996  | 8.966  | 9.010  | HH | 2823  | 67199  | 0.26% | 0.045% |
| 105 | 9.025  | 9.010  | 9.055  | HH | 2967  | 70583  | 0.27% | 0.048% |
| 106 | 9.083  | 9.055  | 9.114  | HH | 3223  | 95258  | 0.37% | 0.064% |
| 107 | 9.176  | 9.114  | 9.211  | HH | 5910  | 220266 | 0.85% | 0.149% |
| 108 | 9.241  | 9.211  | 9.253  | HH | 4265  | 97942  | 0.38% | 0.066% |
| 109 | 9.264  | 9.253  | 9.285  | HH | 4325  | 73644  | 0.28% | 0.050% |
| 110 | 9.309  | 9.285  | 9.329  | HH | 4572  | 98481  | 0.38% | 0.067% |
| 111 | 9.362  | 9.329  | 9.388  | HH | 4264  | 121109 | 0.47% | 0.082% |
| 112 | 9.410  | 9.388  | 9.441  | HH | 4330  | 103574 | 0.40% | 0.070% |
| 113 | 9.456  | 9.441  | 9.472  | HH | 2836  | 50914  | 0.20% | 0.034% |
| 114 | 9.534  | 9.472  | 9.558  | HH | 4434  | 182533 | 0.70% | 0.124% |
| 115 | 9.584  | 9.558  | 9.625  | HH | 16128 | 275084 | 1.06% | 0.186% |
| 116 | 9.656  | 9.625  | 9.717  | HH | 3393  | 170330 | 0.66% | 0.115% |
| 117 | 9.754  | 9.717  | 9.779  | HH | 3245  | 107607 | 0.41% | 0.073% |
| 118 | 9.813  | 9.779  | 9.832  | HH | 2932  | 87663  | 0.34% | 0.059% |
| 119 | 9.853  | 9.832  | 9.866  | HH | 2953  | 57641  | 0.22% | 0.039% |
| 120 | 9.873  | 9.866  | 9.888  | HH | 2767  | 35513  | 0.14% | 0.024% |
| 121 | 9.931  | 9.888  | 9.941  | HH | 4196  | 110104 | 0.42% | 0.075% |
| 122 | 9.971  | 9.941  | 10.001 | HH | 7380  | 190549 | 0.73% | 0.129% |
| 123 | 10.024 | 10.001 | 10.043 | HH | 4882  | 108431 | 0.42% | 0.073% |
| 124 | 10.062 | 10.043 | 10.091 | HH | 4860  | 123065 | 0.47% | 0.083% |
| 125 | 10.116 | 10.091 | 10.138 | HH | 5144  | 118214 | 0.46% | 0.080% |
| 126 | 10.166 | 10.138 | 10.188 | HH | 4470  | 116504 | 0.45% | 0.079% |
| 127 | 10.232 | 10.188 | 10.244 | HH | 5157  | 150447 | 0.58% | 0.102% |
| 128 | 10.254 | 10.244 | 10.268 | HH | 5093  | 68074  | 0.26% | 0.046% |
| 129 | 10.280 | 10.268 | 10.292 | HH | 4882  | 69439  | 0.27% | 0.047% |
| 130 | 10.323 | 10.292 | 10.352 | HH | 16596 | 298756 | 1.15% | 0.202% |
| 131 | 10.377 | 10.352 | 10.422 | HH | 14042 | 352588 | 1.36% | 0.239% |
| 132 | 10.432 | 10.422 | 10.475 | HH | 4790  | 136021 | 0.52% | 0.092% |
| 133 | 10.544 | 10.475 | 10.555 | HH | 4731  | 195851 | 0.75% | 0.133% |
| 134 | 10.577 | 10.555 | 10.599 | HH | 6030  | 134361 | 0.52% | 0.091% |
| 135 | 10.618 | 10.599 | 10.682 | HH | 8093  | 324415 | 1.25% | 0.220% |
| 136 | 10.710 | 10.682 | 10.759 | HH | 6185  | 250481 | 0.97% | 0.170% |
| 137 | 10.779 | 10.759 | 10.811 | HH | 5503  | 148353 | 0.57% | 0.100% |
| 138 | 10.830 | 10.811 | 10.852 | HH | 5016  | 110242 | 0.42% | 0.075% |
| 139 | 10.876 | 10.852 | 10.913 | HH | 4868  | 158573 | 0.61% | 0.107% |
| 140 | 10.960 | 10.913 | 10.985 | HH | 4951  | 192523 | 0.74% | 0.130% |
| 141 | 11.026 | 10.985 | 11.056 | HH | 16810 | 337175 | 1.30% | 0.228% |

| rteres |        |        |        |    |         |          |         |         |
|--------|--------|--------|--------|----|---------|----------|---------|---------|
| 142    | 11.079 | 11.056 | 11.092 | HH | 5596    | 113224   | 0.44%   | 0.077%  |
| 143    | 11.114 | 11.092 | 11.148 | HH | 9023    | 227127   | 0.88%   | 0.154%  |
| 144    | 11.221 | 11.148 | 11.241 | HH | 5270    | 259308   | 1.00%   | 0.176%  |
| 145    | 11.266 | 11.241 | 11.282 | HH | 5154    | 120847   | 0.47%   | 0.082%  |
| 146    | 11.320 | 11.282 | 11.358 | HH | 6718    | 266668   | 1.03%   | 0.180%  |
| 147    | 11.382 | 11.358 | 11.394 | HH | 6169    | 125027   | 0.48%   | 0.085%  |
| 148    | 11.431 | 11.394 | 11.447 | HH | 7456    | 217390   | 0.84%   | 0.147%  |
| 149    | 11.461 | 11.447 | 11.473 | HH | 7175    | 104763   | 0.40%   | 0.071%  |
| 150    | 11.482 | 11.473 | 11.495 | HH | 7071    | 91667    | 0.35%   | 0.062%  |
| 151    | 11.509 | 11.495 | 11.535 | HH | 7837    | 166371   | 0.64%   | 0.113%  |
| 152    | 11.582 | 11.535 | 11.625 | HH | 21376   | 562712   | 2.17%   | 0.381%  |
| 153    | 11.698 | 11.625 | 11.720 | HH | 15916   | 496845   | 1.91%   | 0.336%  |
| 154    | 11.753 | 11.720 | 11.865 | HH | 428919  | 5898709  | 22.73%  | 3.992%  |
| 155    | 11.890 | 11.865 | 11.902 | HH | 9100    | 187847   | 0.72%   | 0.127%  |
| 156    | 11.915 | 11.902 | 11.935 | HH | 9113    | 170111   | 0.66%   | 0.115%  |
| 157    | 11.972 | 11.935 | 12.025 | HH | 135489  | 2366630  | 9.12%   | 1.602%  |
| 158    | 12.035 | 12.025 | 12.062 | HH | 13843   | 271587   | 1.05%   | 0.184%  |
| 159    | 12.079 | 12.062 | 12.128 | HH | 11943   | 385380   | 1.49%   | 0.261%  |
| 160    | 12.162 | 12.128 | 12.189 | HH | 14019   | 375974   | 1.45%   | 0.254%  |
| 161    | 12.216 | 12.189 | 12.235 | HH | 12344   | 290739   | 1.12%   | 0.197%  |
| 162    | 12.252 | 12.235 | 12.295 | HH | 11263   | 351159   | 1.35%   | 0.238%  |
| 163    | 12.339 | 12.295 | 12.366 | HH | 17745   | 472119   | 1.82%   | 0.320%  |
| 164    | 12.395 | 12.366 | 12.464 | HH | 20105   | 709147   | 2.73%   | 0.480%  |
| 165    | 12.479 | 12.464 | 12.495 | HH | 9322    | 167606   | 0.65%   | 0.113%  |
| 166    | 12.506 | 12.495 | 12.528 | HH | 9065    | 172077   | 0.66%   | 0.116%  |
| 167    | 12.557 | 12.528 | 12.567 | HH | 8556    | 194707   | 0.75%   | 0.132%  |
| 168    | 12.603 | 12.567 | 12.640 | HH | 9940    | 411116   | 1.58%   | 0.278%  |
| 169    | 12.654 | 12.640 | 12.668 | HH | 9764    | 155995   | 0.60%   | 0.106%  |
| 170    | 12.713 | 12.668 | 12.734 | HH | 16951   | 533708   | 2.06%   | 0.361%  |
| 171    | 12.783 | 12.734 | 12.812 | HH | 1563250 | 25946904 | 100.00% | 17.561% |
| 172    | 12.840 | 12.812 | 12.931 | HH | 1455186 | 19688381 | 75.88%  | 13.325% |
| 173    | 12.954 | 12.931 | 12.964 | HH | 19718   | 327370   | 1.26%   | 0.222%  |
| 174    | 13.009 | 12.964 | 13.086 | HH | 247629  | 4937949  | 19.03%  | 3.342%  |
| 175    | 13.095 | 13.086 | 13.128 | HH | 19291   | 427623   | 1.65%   | 0.289%  |
| 176    | 13.157 | 13.128 | 13.181 | HH | 29057   | 658660   | 2.54%   | 0.446%  |
| 177    | 13.198 | 13.181 | 13.249 | HH | 26492   | 756134   | 2.91%   | 0.512%  |
| 178    | 13.303 | 13.249 | 13.368 | HH | 29407   | 1262512  | 4.87%   | 0.854%  |
| 179    | 13.409 | 13.368 | 13.425 | HH | 16105   | 526892   | 2.03%   | 0.357%  |
| 180    | 13.461 | 13.425 | 13.511 | HH | 18837   | 824540   | 3.18%   | 0.558%  |
| 181    | 13.540 | 13.511 | 13.565 | HH | 23276   | 620433   | 2.39%   | 0.420%  |
| 182    | 13.585 | 13.565 | 13.617 | HH | 22844   | 616476   | 2.38%   | 0.417%  |
| 183    | 13.650 | 13.617 | 13.715 | HH | 24209   | 1092785  | 4.21%   | 0.740%  |
| 184    | 13.753 | 13.715 | 13.761 | HH | 17055   | 448210   | 1.73%   | 0.303%  |
| 185    | 13.844 | 13.761 | 13.902 | HH | 31646   | 1862424  | 7.18%   | 1.261%  |
| 186    | 13.944 | 13.902 | 13.962 | HH | 22969   | 741686   | 2.86%   | 0.502%  |
| 187    | 13.991 | 13.962 | 14.049 | HH | 37658   | 1319729  | 5.09%   | 0.893%  |
| 188    | 14.064 | 14.049 | 14.075 | HH | 20201   | 306173   | 1.18%   | 0.207%  |
| 189    | 14.103 | 14.075 | 14.129 | HH | 27071   | 745580   | 2.87%   | 0.505%  |
| 190    | 14.161 | 14.129 | 14.204 | HH | 50058   | 1391837  | 5.36%   | 0.942%  |
| 191    | 14.222 | 14.204 | 14.244 | HH | 25071   | 558687   | 2.15%   | 0.378%  |
| 192    | 14.272 | 14.244 | 14.318 | HH | 24138   | 1018624  | 3.93%   | 0.689%  |
| 193    | 14.331 | 14.318 | 14.362 | HH | 22452   | 572481   | 2.21%   | 0.387%  |
| 194    | 14.385 | 14.362 | 14.399 | HH | 22369   | 481361   | 1.86%   | 0.326%  |

|     |        |        |        |    | rt     | Area    | Area%  | Area%  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 14.440 | 14.399 | 14.483 | HH | 114519 | 2398195 | 9.24%  | 1.623% |
| 196 | 14.499 | 14.483 | 14.521 | HH | 23946  | 535206  | 2.06%  | 0.362% |
| 197 | 14.548 | 14.521 | 14.560 | HH | 23930  | 548203  | 2.11%  | 0.371% |
| 198 | 14.601 | 14.560 | 14.617 | HH | 32051  | 961005  | 3.70%  | 0.650% |
| 199 | 14.641 | 14.617 | 14.681 | HH | 40549  | 1225072 | 4.72%  | 0.829% |
| 200 | 14.703 | 14.681 | 14.726 | HH | 27238  | 719052  | 2.77%  | 0.487% |
| 201 | 14.748 | 14.726 | 14.773 | HH | 26115  | 715389  | 2.76%  | 0.484% |
| 202 | 14.787 | 14.773 | 14.804 | HH | 26264  | 470649  | 1.81%  | 0.319% |
| 203 | 14.827 | 14.804 | 14.843 | HH | 25489  | 587075  | 2.26%  | 0.397% |
| 204 | 14.865 | 14.843 | 14.879 | HH | 25750  | 551038  | 2.12%  | 0.373% |
| 205 | 14.893 | 14.879 | 14.928 | HH | 25876  | 749966  | 2.89%  | 0.508% |
| 206 | 14.950 | 14.928 | 14.973 | HH | 26277  | 692456  | 2.67%  | 0.469% |
| 207 | 14.989 | 14.973 | 15.000 | HH | 26419  | 428526  | 1.65%  | 0.290% |
| 208 | 15.033 | 15.000 | 15.108 | HH | 77195  | 2658043 | 10.24% | 1.799% |
| 209 | 15.164 | 15.108 | 15.193 | HH | 38700  | 1564434 | 6.03%  | 1.059% |
| 210 | 15.221 | 15.193 | 15.253 | HH | 65135  | 1543823 | 5.95%  | 1.045% |
| 211 | 15.264 | 15.253 | 15.332 | HH | 31806  | 1434873 | 5.53%  | 0.971% |
| 212 | 15.365 | 15.332 | 15.378 | HH | 31337  | 860787  | 3.32%  | 0.583% |
| 213 | 15.405 | 15.378 | 15.416 | HH | 33126  | 733991  | 2.83%  | 0.497% |
| 214 | 15.555 | 15.416 | 15.582 | HH | 36970  | 3417017 | 13.17% | 2.313% |
| 215 | 15.595 | 15.582 | 15.612 | HH | 37269  | 653055  | 2.52%  | 0.442% |
| 216 | 15.666 | 15.612 | 15.692 | HH | 50647  | 2004275 | 7.72%  | 1.357% |
| 217 | 15.726 | 15.692 | 15.755 | HH | 42601  | 1513453 | 5.83%  | 1.024% |
| 218 | 15.797 | 15.755 | 15.807 | HH | 40724  | 1262472 | 4.87%  | 0.854% |
| 219 | 15.845 | 15.807 | 15.883 | HH | 43496  | 1908629 | 7.36%  | 1.292% |
| 220 | 15.948 | 15.883 | 15.982 | HH | 49623  | 2700884 | 10.41% | 1.828% |
| 221 | 15.997 | 15.982 | 16.009 | HH | 46780  | 760909  | 2.93%  | 0.515% |
| 222 | 16.051 | 16.009 | 16.104 | HH | 56801  | 2841110 | 10.95% | 1.923% |
| 223 | 16.150 | 16.104 | 16.187 | HH | 69442  | 2785201 | 10.73% | 1.885% |
| 224 | 16.211 | 16.187 | 16.247 | HH | 63163  | 2006163 | 7.73%  | 1.358% |
| 225 | 16.265 | 16.247 | 16.278 | HH | 53850  | 987340  | 3.81%  | 0.668% |
| 226 | 16.337 | 16.278 | 16.358 | HH | 54884  | 2566994 | 9.89%  | 1.737% |
| 227 | 16.471 | 16.358 | 16.483 | HH | 58373  | 4156667 | 16.02% | 2.813% |
| 228 | 16.497 | 16.483 | 16.508 | HH | 58702  | 864950  | 3.33%  | 0.585% |
| 229 | 16.530 | 16.508 | 16.548 | HH | 60552  | 1412810 | 5.45%  | 0.956% |
| 230 | 16.618 | 16.548 | 16.640 | HH | 83869  | 3647848 | 14.06% | 2.469% |

Sum of corrected areas: 147752469

FG030419.M Mon Mar 18 10:31:45 2019