

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF031319\  
Data File : FF003814.D  
Signal(s) : FID2B.ch  
Acq On : 13 Mar 2019 12:01  
Operator : AJ\SJ  
Sample : K1846-02 2X  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
FID\_F  
ClientSampleId :  
TP-2-2

Integration File: autoint1.e  
Quant Time: Mar 14 00:59:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF030119.M  
Quant Title :  
QLast Update : Mon Mar 04 08:35:38 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... | 14.591 | 1118026  | 8.030 ug/ml |

Target Compounds

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(f)=RT Delta > 1/2 Window

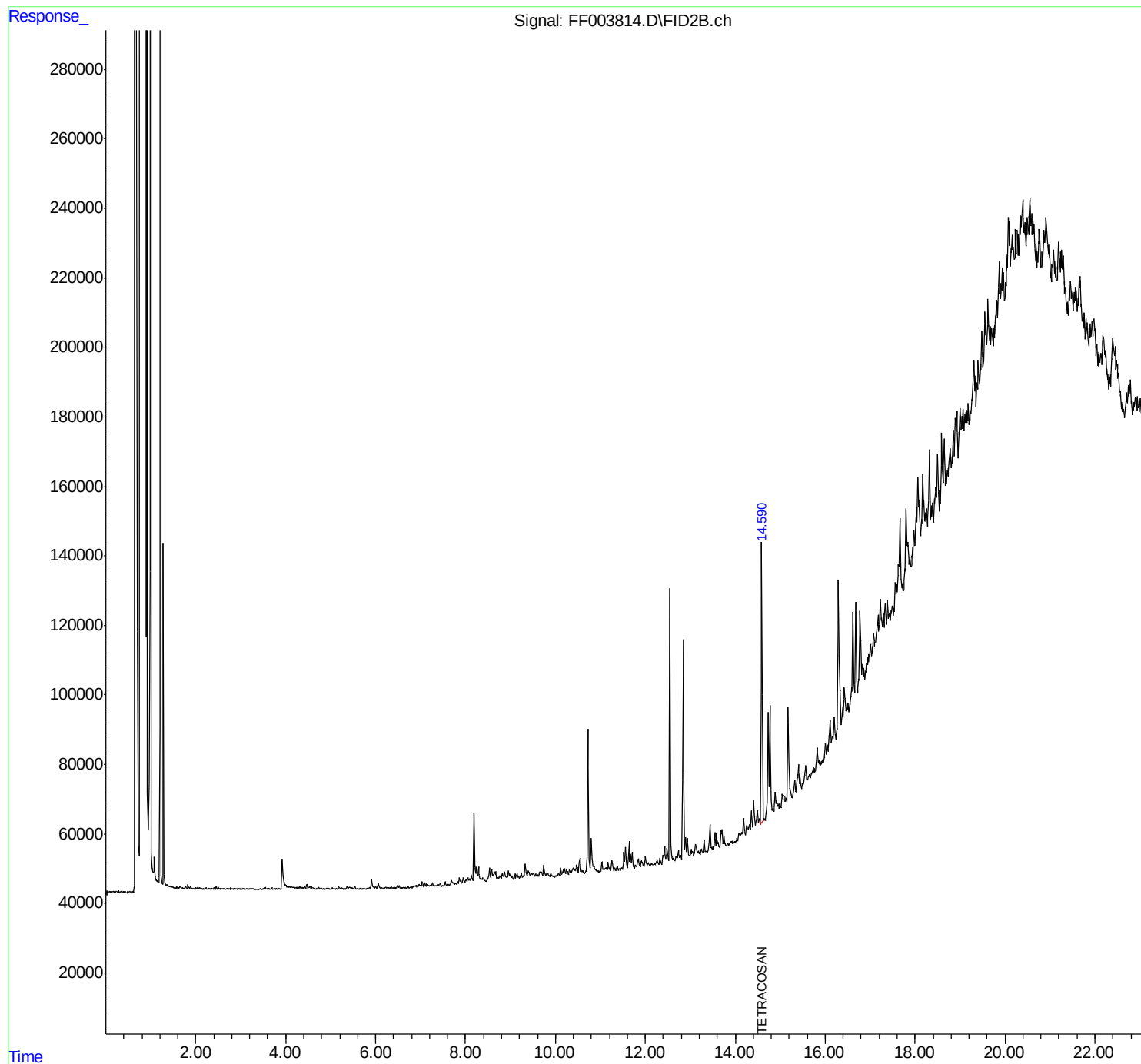
(m)=manual int.

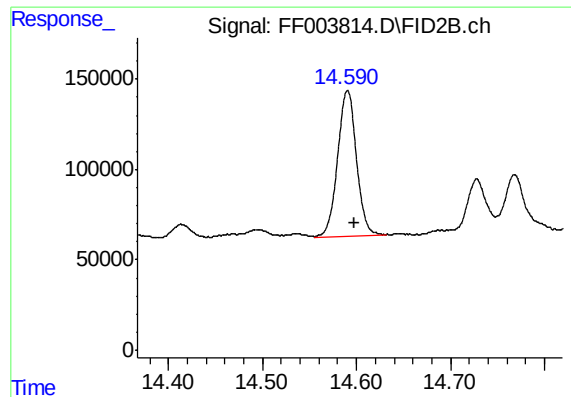
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF031319\  
Data File : FF003814.D  
Signal(s) : FID2B.ch  
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Operator : AJ\SJ  
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Instrument :  
FID\_F  
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Quant Time: Mar 14 00:59:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF030119.M  
Quant Title :  
QLast Update : Mon Mar 04 08:35:38 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.: 14.591 min  
Delta R.T.: -0.008 min  
Response: 1118026  
Conc: 8.03 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
TP-2-2

rteres

# Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF031319\  
Data File : FF003814.D  
Signal(s) : FID2B.ch  
Acq On : 13 Mar 2019 12:01  
Sample : K1846-02 2X  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF030119.M  
Title :

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         | 4.319       | 4.292        | 4.345      | BH       | 531            | 4585         | 0.11%          | 0.005%        |
| 2         | 4.356       | 4.345        | 4.376      | PH       | 110            | 364          | 0.01%          | 0.000%        |
| 3         | 4.388       | 4.376        | 4.400      | PH       | 177            | 1004         | 0.02%          | 0.001%        |
| 4         | 4.417       | 4.400        | 4.446      | HH       | 319            | 2435         | 0.06%          | 0.003%        |
| 5         | 4.466       | 4.446        | 4.502      | PH       | 945            | 9992         | 0.24%          | 0.012%        |
| 6         | 4.538       | 4.502        | 4.559      | PH       | 298            | 5397         | 0.13%          | 0.006%        |
| 7         | 4.571       | 4.559        | 4.586      | PH       | 304            | 1697         | 0.04%          | 0.002%        |
| 8         | 4.596       | 4.586        | 4.615      | PH       | 88             | -324         | -0.01%         | -0.000%       |
| 9         | 4.620       | 4.615        | 4.659      | PH       | -43            | -3617        | -0.09%         | -0.004%       |
| 10        | 4.665       | 4.659        | 4.668      | PH       | -136           | -1178        | -0.03%         | -0.001%       |
| 11        | 4.697       | 4.668        | 4.711      | PH       | -122           | -4504        | -0.11%         | -0.005%       |
| 12        | 4.722       | 4.711        | 4.762      | PH       | 93             | -3753        | -0.09%         | -0.004%       |
| 13        | 4.767       | 4.762        | 4.770      | PH       | -205           | -1067        | -0.03%         | -0.001%       |
| 14        | 4.787       | 4.770        | 4.832      | PH       | -65            | -8687        | -0.20%         | -0.010%       |
| 15        | 4.837       | 4.832        | 4.858      | PH       | -236           | -4615        | -0.11%         | -0.005%       |
| 16        | 4.861       | 4.858        | 4.867      | PH       | -281           | -1787        | -0.04%         | -0.002%       |
| 17        | 4.876       | 4.867        | 4.892      | PH       | -278           | -5638        | -0.13%         | -0.007%       |
| 18        | 4.913       | 4.892        | 4.922      | PH       | -59            | -4086        | -0.10%         | -0.005%       |
| 19        | 4.931       | 4.922        | 4.938      | PH       | -115           | -1514        | -0.04%         | -0.002%       |
| 20        | 4.942       | 4.938        | 4.957      | PH       | -132           | -2445        | -0.06%         | -0.003%       |
| 21        | 4.959       | 4.957        | 4.982      | PH       | -215           | -4270        | -0.10%         | -0.005%       |
| 22        | 5.005       | 4.982        | 5.016      | PH       | -96            | -4954        | -0.12%         | -0.006%       |
| 23        | 5.035       | 5.016        | 5.051      | PH       | -47            | -3646        | -0.09%         | -0.004%       |
| 24        | 5.060       | 5.051        | 5.101      | PH       | -98            | -6727        | -0.16%         | -0.008%       |
| 25        | 5.116       | 5.101        | 5.147      | PH       | -201           | -7416        | -0.17%         | -0.009%       |
| 26        | 5.176       | 5.147        | 5.208      | PH       | 306            | 213          | 0.01%          | 0.000%        |
| 27        | 5.214       | 5.208        | 5.227      | PH       | -15            | -1141        | -0.03%         | -0.001%       |
| 28        | 5.243       | 5.227        | 5.264      | PH       | 278            | -182         | -0.00%         | -0.000%       |
| 29        | 5.271       | 5.264        | 5.285      | PH       | -129           | -2572        | -0.06%         | -0.003%       |
| 30        | 5.307       | 5.285        | 5.314      | PH       | -181           | -3866        | -0.09%         | -0.004%       |
| 31        | 5.317       | 5.314        | 5.327      | PH       | -219           | -2342        | -0.06%         | -0.003%       |
| 32        | 5.331       | 5.327        | 5.336      | PH       | -273           | -1559        | -0.04%         | -0.002%       |
| 33        | 5.358       | 5.336        | 5.396      | PH       | 402            | 2279         | 0.05%          | 0.003%        |
| 34        | 5.422       | 5.396        | 5.452      | PH       | 164            | 408          | 0.01%          | 0.000%        |
| 35        | 5.456       | 5.452        | 5.459      | PH       | -107           | -635         | -0.01%         | -0.001%       |
| 36        | 5.472       | 5.459        | 5.494      | PH       | -1             | -2365        | -0.06%         | -0.003%       |

|    |       |       |       |    | rt   | Area  | Area%  | Area%   |
|----|-------|-------|-------|----|------|-------|--------|---------|
| 37 | 5.504 | 5.494 | 5.520 | PH | -103 | -2651 | -0.06% | -0.003% |
| 38 | 5.538 | 5.520 | 5.569 | PH | 387  | 756   | 0.02%  | 0.001%  |
| 39 | 5.592 | 5.569 | 5.624 | PH | -151 | -7566 | -0.18% | -0.009% |
| 40 | 5.642 | 5.624 | 5.648 | PH | -107 | -2372 | -0.06% | -0.003% |
| 41 | 5.653 | 5.648 | 5.681 | PH | -19  | -2966 | -0.07% | -0.003% |
| 42 | 5.704 | 5.681 | 5.711 | PH | -109 | -4146 | -0.10% | -0.005% |
| 43 | 5.714 | 5.711 | 5.718 | PH | -183 | -1069 | -0.03% | -0.001% |
| 44 | 5.724 | 5.718 | 5.740 | PH | -179 | -2904 | -0.07% | -0.003% |
| 45 | 5.761 | 5.740 | 5.789 | PH | -121 | -7122 | -0.17% | -0.008% |
| 46 | 5.810 | 5.789 | 5.837 | PH | 4    | -5275 | -0.12% | -0.006% |
| 47 | 5.843 | 5.837 | 5.847 | PH | -188 | -1232 | -0.03% | -0.001% |
| 48 | 5.864 | 5.847 | 5.884 | PH | 105  | -1440 | -0.03% | -0.002% |
| 49 | 5.909 | 5.884 | 5.985 | PH | 2383 | 37908 | 0.89%  | 0.044%  |
| 50 | 5.996 | 5.985 | 6.024 | HH | 347  | 3545  | 0.08%  | 0.004%  |
| 51 | 6.060 | 6.024 | 6.106 | PH | 1358 | 20904 | 0.49%  | 0.024%  |
| 52 | 6.108 | 6.106 | 6.126 | PH | 42   | -136  | -0.00% | -0.000% |
| 53 | 6.143 | 6.126 | 6.167 | PH | 154  | 408   | 0.01%  | 0.000%  |
| 54 | 6.192 | 6.167 | 6.205 | PH | 102  | 519   | 0.01%  | 0.001%  |
| 55 | 6.217 | 6.205 | 6.233 | HH | 207  | 1915  | 0.05%  | 0.002%  |
| 56 | 6.236 | 6.233 | 6.247 | HH | 154  | 611   | 0.01%  | 0.001%  |
| 57 | 6.260 | 6.247 | 6.277 | PH | 184  | 1743  | 0.04%  | 0.002%  |
| 58 | 6.287 | 6.277 | 6.319 | PH | 173  | 838   | 0.02%  | 0.001%  |
| 59 | 6.341 | 6.319 | 6.369 | PH | 411  | 4284  | 0.10%  | 0.005%  |
| 60 | 6.382 | 6.369 | 6.406 | PH | 75   | -751  | -0.02% | -0.001% |
| 61 | 6.424 | 6.406 | 6.452 | PH | 165  | 127   | 0.00%  | 0.000%  |
| 62 | 6.486 | 6.452 | 6.509 | PH | 768  | 9034  | 0.21%  | 0.011%  |
| 63 | 6.525 | 6.509 | 6.553 | HH | 558  | 5221  | 0.12%  | 0.006%  |
| 64 | 6.608 | 6.553 | 6.634 | PH | 280  | 3620  | 0.09%  | 0.004%  |
| 65 | 6.658 | 6.634 | 6.684 | PH | 253  | 3142  | 0.07%  | 0.004%  |
| 66 | 6.697 | 6.684 | 6.706 | PH | 188  | 855   | 0.02%  | 0.001%  |
| 67 | 6.731 | 6.706 | 6.757 | PH | 278  | 4031  | 0.09%  | 0.005%  |
| 68 | 6.773 | 6.757 | 6.777 | PH | 137  | 1133  | 0.03%  | 0.001%  |
| 69 | 6.797 | 6.777 | 6.814 | HH | 310  | 3938  | 0.09%  | 0.005%  |
| 70 | 6.833 | 6.814 | 6.843 | HH | 499  | 4923  | 0.12%  | 0.006%  |
| 71 | 6.858 | 6.843 | 6.873 | HH | 608  | 8701  | 0.20%  | 0.010%  |
| 72 | 6.895 | 6.873 | 6.921 | HH | 613  | 12024 | 0.28%  | 0.014%  |
| 73 | 6.965 | 6.921 | 7.011 | HH | 1102 | 34844 | 0.82%  | 0.041%  |
| 74 | 7.039 | 7.011 | 7.077 | HH | 1793 | 36846 | 0.87%  | 0.043%  |
| 75 | 7.095 | 7.077 | 7.116 | HH | 1397 | 20851 | 0.49%  | 0.024%  |
| 76 | 7.140 | 7.116 | 7.197 | HH | 1225 | 36165 | 0.85%  | 0.042%  |
| 77 | 7.225 | 7.197 | 7.230 | HH | 810  | 13628 | 0.32%  | 0.016%  |
| 78 | 7.263 | 7.230 | 7.293 | HH | 1467 | 35450 | 0.83%  | 0.041%  |
| 79 | 7.305 | 7.293 | 7.324 | HH | 721  | 12436 | 0.29%  | 0.014%  |
| 80 | 7.328 | 7.324 | 7.339 | HH | 711  | 6153  | 0.14%  | 0.007%  |
| 81 | 7.350 | 7.339 | 7.359 | HH | 757  | 8211  | 0.19%  | 0.010%  |
| 82 | 7.393 | 7.359 | 7.407 | HH | 930  | 21056 | 0.50%  | 0.025%  |
| 83 | 7.436 | 7.407 | 7.464 | HH | 1273 | 31333 | 0.74%  | 0.036%  |
| 84 | 7.486 | 7.464 | 7.497 | HH | 814  | 13462 | 0.32%  | 0.016%  |
| 85 | 7.546 | 7.497 | 7.577 | HH | 1733 | 48449 | 1.14%  | 0.056%  |
| 86 | 7.588 | 7.577 | 7.614 | HH | 946  | 19377 | 0.46%  | 0.023%  |
| 87 | 7.632 | 7.614 | 7.644 | HH | 1106 | 17717 | 0.42%  | 0.021%  |
| 88 | 7.687 | 7.644 | 7.736 | HH | 2103 | 82150 | 1.93%  | 0.096%  |
| 89 | 7.738 | 7.736 | 7.753 | HH | 1501 | 12889 | 0.30%  | 0.015%  |

|     |        |       |        |    | rt    | Area   | Area% | Area%  |
|-----|--------|-------|--------|----|-------|--------|-------|--------|
| 90  | 7.781  | 7.753 | 7.799  | HH | 1327  | 33042  | 0.78% | 0.038% |
| 91  | 7.827  | 7.799 | 7.844  | HH | 1665  | 38109  | 0.90% | 0.044% |
| 92  | 7.866  | 7.844 | 7.886  | HH | 2948  | 55629  | 1.31% | 0.065% |
| 93  | 7.892  | 7.886 | 7.911  | HH | 2002  | 26011  | 0.61% | 0.030% |
| 94  | 7.953  | 7.911 | 7.987  | HH | 2948  | 88198  | 2.08% | 0.103% |
| 95  | 8.007  | 7.987 | 8.023  | HH | 2351  | 45109  | 1.06% | 0.052% |
| 96  | 8.054  | 8.023 | 8.071  | HH | 2817  | 68889  | 1.62% | 0.080% |
| 97  | 8.090  | 8.071 | 8.108  | HH | 2542  | 52639  | 1.24% | 0.061% |
| 98  | 8.131  | 8.108 | 8.167  | HH | 3886  | 97761  | 2.30% | 0.114% |
| 99  | 8.190  | 8.167 | 8.222  | HH | 21569 | 310597 | 7.31% | 0.361% |
| 100 | 8.239  | 8.222 | 8.266  | HH | 5942  | 121937 | 2.87% | 0.142% |
| 101 | 8.286  | 8.266 | 8.341  | HH | 6165  | 163430 | 3.85% | 0.190% |
| 102 | 8.345  | 8.341 | 8.357  | HH | 2591  | 25325  | 0.60% | 0.029% |
| 103 | 8.379  | 8.357 | 8.443  | HH | 2937  | 124518 | 2.93% | 0.145% |
| 104 | 8.459  | 8.443 | 8.469  | HH | 2173  | 32017  | 0.75% | 0.037% |
| 105 | 8.487  | 8.469 | 8.495  | HH | 2628  | 37427  | 0.88% | 0.044% |
| 106 | 8.532  | 8.495 | 8.567  | HH | 5806  | 163885 | 3.86% | 0.191% |
| 107 | 8.583  | 8.567 | 8.606  | HH | 5323  | 96622  | 2.28% | 0.112% |
| 108 | 8.620  | 8.606 | 8.631  | HH | 3849  | 56031  | 1.32% | 0.065% |
| 109 | 8.648  | 8.631 | 8.658  | HH | 4592  | 66985  | 1.58% | 0.078% |
| 110 | 8.668  | 8.658 | 8.696  | HH | 4731  | 82367  | 1.94% | 0.096% |
| 111 | 8.700  | 8.696 | 8.703  | HH | 2730  | 12247  | 0.29% | 0.014% |
| 112 | 8.720  | 8.703 | 8.729  | HH | 2924  | 43867  | 1.03% | 0.051% |
| 113 | 8.747  | 8.729 | 8.761  | HH | 3389  | 58236  | 1.37% | 0.068% |
| 114 | 8.776  | 8.761 | 8.796  | HH | 3629  | 68775  | 1.62% | 0.080% |
| 115 | 8.813  | 8.796 | 8.834  | HH | 4254  | 82390  | 1.94% | 0.096% |
| 116 | 8.848  | 8.834 | 8.855  | HH | 3638  | 44757  | 1.05% | 0.052% |
| 117 | 8.871  | 8.855 | 8.923  | HH | 4703  | 146344 | 3.45% | 0.170% |
| 118 | 8.952  | 8.923 | 8.971  | HH | 4887  | 112912 | 2.66% | 0.131% |
| 119 | 8.986  | 8.971 | 9.020  | HH | 4141  | 103044 | 2.43% | 0.120% |
| 120 | 9.035  | 9.020 | 9.065  | HH | 3384  | 82284  | 1.94% | 0.096% |
| 121 | 9.098  | 9.065 | 9.116  | HH | 4029  | 98447  | 2.32% | 0.115% |
| 122 | 9.144  | 9.116 | 9.169  | HH | 3967  | 108783 | 2.56% | 0.127% |
| 123 | 9.183  | 9.169 | 9.203  | HH | 3435  | 64815  | 1.53% | 0.075% |
| 124 | 9.238  | 9.203 | 9.272  | HH | 4114  | 141915 | 3.34% | 0.165% |
| 125 | 9.295  | 9.272 | 9.303  | HH | 3898  | 65653  | 1.55% | 0.076% |
| 126 | 9.324  | 9.303 | 9.374  | HH | 6836  | 212380 | 5.00% | 0.247% |
| 127 | 9.397  | 9.374 | 9.436  | HH | 4989  | 156309 | 3.68% | 0.182% |
| 128 | 9.466  | 9.436 | 9.485  | HH | 4360  | 117374 | 2.76% | 0.137% |
| 129 | 9.497  | 9.485 | 9.515  | HH | 4111  | 70826  | 1.67% | 0.082% |
| 130 | 9.522  | 9.515 | 9.541  | HH | 4021  | 58155  | 1.37% | 0.068% |
| 131 | 9.561  | 9.541 | 9.584  | HH | 4064  | 96091  | 2.26% | 0.112% |
| 132 | 9.600  | 9.584 | 9.620  | HH | 3664  | 75605  | 1.78% | 0.088% |
| 133 | 9.645  | 9.620 | 9.662  | HH | 4799  | 105214 | 2.48% | 0.122% |
| 134 | 9.670  | 9.662 | 9.711  | HH | 4605  | 121340 | 2.86% | 0.141% |
| 135 | 9.733  | 9.711 | 9.783  | HH | 6579  | 204180 | 4.81% | 0.238% |
| 136 | 9.804  | 9.783 | 9.815  | HH | 3995  | 75097  | 1.77% | 0.087% |
| 137 | 9.831  | 9.815 | 9.877  | HH | 4058  | 135664 | 3.19% | 0.158% |
| 138 | 9.898  | 9.877 | 9.929  | HH | 4164  | 115531 | 2.72% | 0.134% |
| 139 | 9.934  | 9.929 | 9.951  | HH | 3397  | 43086  | 1.01% | 0.050% |
| 140 | 9.972  | 9.951 | 9.985  | HH | 3553  | 69955  | 1.65% | 0.081% |
| 141 | 10.000 | 9.985 | 10.029 | HH | 3470  | 87725  | 2.07% | 0.102% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.064 | 10.029 | 10.069 | HH | 4329   | 89286   | 2.10%  | 0.104% |
| 143 | 10.072 | 10.069 | 10.093 | HH | 4108   | 54221   | 1.28%  | 0.063% |
| 144 | 10.119 | 10.093 | 10.143 | HH | 5855   | 139645  | 3.29%  | 0.163% |
| 145 | 10.171 | 10.143 | 10.183 | HH | 5145   | 111978  | 2.64%  | 0.130% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.204 | 10.183 | 10.225 | HH | 5430   | 122377  | 2.88%  | 0.142% |
| 147 | 10.242 | 10.225 | 10.256 | HH | 5216   | 89650   | 2.11%  | 0.104% |
| 148 | 10.264 | 10.256 | 10.284 | HH | 4965   | 75137   | 1.77%  | 0.087% |
| 149 | 10.317 | 10.284 | 10.339 | HH | 5396   | 152660  | 3.59%  | 0.178% |
| 150 | 10.354 | 10.339 | 10.362 | HH | 4796   | 64963   | 1.53%  | 0.076% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.388 | 10.362 | 10.415 | HH | 5841   | 169514  | 3.99%  | 0.197% |
| 152 | 10.425 | 10.415 | 10.446 | HH | 5428   | 95217   | 2.24%  | 0.111% |
| 153 | 10.472 | 10.446 | 10.504 | HH | 6797   | 197291  | 4.65%  | 0.230% |
| 154 | 10.541 | 10.504 | 10.579 | HH | 8516   | 278894  | 6.57%  | 0.325% |
| 155 | 10.592 | 10.579 | 10.607 | HH | 5024   | 81355   | 1.92%  | 0.095% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.621 | 10.607 | 10.640 | HH | 4984   | 90142   | 2.12%  | 0.105% |
| 157 | 10.720 | 10.640 | 10.774 | HH | 45688  | 931365  | 21.93% | 1.084% |
| 158 | 10.799 | 10.774 | 10.836 | HH | 14342  | 332763  | 7.84%  | 0.387% |
| 159 | 10.850 | 10.836 | 10.885 | HH | 6446   | 173300  | 4.08%  | 0.202% |
| 160 | 10.892 | 10.885 | 10.912 | HH | 5323   | 83563   | 1.97%  | 0.097% |
|     |        |        |        |    |        |         |        |        |
| 161 | 10.944 | 10.912 | 10.959 | HH | 4996   | 135713  | 3.20%  | 0.158% |
| 162 | 10.984 | 10.959 | 11.006 | HH | 5066   | 134284  | 3.16%  | 0.156% |
| 163 | 11.032 | 11.006 | 11.059 | HH | 7559   | 195614  | 4.61%  | 0.228% |
| 164 | 11.067 | 11.059 | 11.080 | HH | 5583   | 70343   | 1.66%  | 0.082% |
| 165 | 11.115 | 11.080 | 11.134 | HH | 5786   | 178557  | 4.20%  | 0.208% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.146 | 11.134 | 11.157 | HH | 5781   | 78790   | 1.86%  | 0.092% |
| 167 | 11.174 | 11.157 | 11.202 | HH | 7529   | 166107  | 3.91%  | 0.193% |
| 168 | 11.210 | 11.202 | 11.229 | HH | 5374   | 83187   | 1.96%  | 0.097% |
| 169 | 11.260 | 11.229 | 11.294 | HH | 8023   | 250507  | 5.90%  | 0.292% |
| 170 | 11.323 | 11.294 | 11.344 | HH | 5947   | 159819  | 3.76%  | 0.186% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.373 | 11.344 | 11.399 | HH | 6195   | 185000  | 4.36%  | 0.215% |
| 172 | 11.416 | 11.399 | 11.441 | HH | 5593   | 134944  | 3.18%  | 0.157% |
| 173 | 11.476 | 11.441 | 11.497 | HH | 5765   | 188179  | 4.43%  | 0.219% |
| 174 | 11.526 | 11.497 | 11.542 | HH | 10208  | 210038  | 4.95%  | 0.244% |
| 175 | 11.558 | 11.542 | 11.602 | HH | 11647  | 292489  | 6.89%  | 0.340% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.638 | 11.602 | 11.658 | HH | 13401  | 304373  | 7.17%  | 0.354% |
| 177 | 11.672 | 11.658 | 11.688 | HH | 9745   | 158446  | 3.73%  | 0.184% |
| 178 | 11.705 | 11.688 | 11.761 | HH | 10466  | 321537  | 7.57%  | 0.374% |
| 179 | 11.778 | 11.761 | 11.796 | HH | 6307   | 128204  | 3.02%  | 0.149% |
| 180 | 11.845 | 11.796 | 11.880 | HH | 8329   | 357059  | 8.41%  | 0.416% |
|     |        |        |        |    |        |         |        |        |
| 181 | 11.912 | 11.880 | 11.974 | HH | 7661   | 391357  | 9.22%  | 0.455% |
| 182 | 12.002 | 11.974 | 12.040 | HH | 9037   | 292564  | 6.89%  | 0.340% |
| 183 | 12.061 | 12.040 | 12.109 | HH | 7312   | 283496  | 6.68%  | 0.330% |
| 184 | 12.145 | 12.109 | 12.186 | HH | 7162   | 315619  | 7.43%  | 0.367% |
| 185 | 12.202 | 12.186 | 12.219 | HH | 7095   | 138278  | 3.26%  | 0.161% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.258 | 12.219 | 12.293 | HH | 7851   | 327096  | 7.70%  | 0.381% |
| 187 | 12.320 | 12.293 | 12.358 | HH | 8596   | 297584  | 7.01%  | 0.346% |
| 188 | 12.392 | 12.358 | 12.407 | HH | 9325   | 243233  | 5.73%  | 0.283% |
| 189 | 12.425 | 12.407 | 12.447 | HH | 12087  | 241976  | 5.70%  | 0.282% |
| 190 | 12.487 | 12.447 | 12.513 | HH | 11588  | 376877  | 8.87%  | 0.439% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.541 | 12.513 | 12.608 | HH | 85825  | 1394200 | 32.83% | 1.622% |
| 192 | 12.618 | 12.608 | 12.657 | HH | 8540   | 238237  | 5.61%  | 0.277% |
| 193 | 12.683 | 12.657 | 12.694 | HH | 9275   | 191507  | 4.51%  | 0.223% |
| 194 | 12.731 | 12.694 | 12.754 | HH | 10755  | 339814  | 8.00%  | 0.395% |

|     |        |        |        |    | rt    | Area    | Area%  | Response |
|-----|--------|--------|--------|----|-------|---------|--------|----------|
| 195 | 12.778 | 12.754 | 12.811 | HH | 9435  | 305584  | 7.20%  | 0.356%   |
| 196 | 12.839 | 12.811 | 12.881 | HH | 71257 | 1145818 | 26.98% | 1.333%   |
| 197 | 12.898 | 12.881 | 12.916 | HH | 14424 | 263433  | 6.20%  | 0.307%   |
| 198 | 12.933 | 12.916 | 12.991 | HH | 14250 | 481695  | 11.34% | 0.561%   |
| 199 | 13.019 | 12.991 | 13.035 | HH | 11052 | 270675  | 6.37%  | 0.315%   |
| 200 | 13.053 | 13.035 | 13.082 | HH | 10648 | 284621  | 6.70%  | 0.331%   |
| 201 | 13.119 | 13.082 | 13.159 | HH | 12585 | 511042  | 12.03% | 0.595%   |
| 202 | 13.177 | 13.159 | 13.221 | HH | 10399 | 376449  | 8.86%  | 0.438%   |
| 203 | 13.244 | 13.221 | 13.280 | HH | 11216 | 373685  | 8.80%  | 0.435%   |
| 204 | 13.305 | 13.280 | 13.384 | HH | 13608 | 697500  | 16.42% | 0.812%   |
| 205 | 13.436 | 13.384 | 13.482 | HH | 18220 | 771329  | 18.16% | 0.898%   |
| 206 | 13.501 | 13.482 | 13.521 | HH | 11923 | 265769  | 6.26%  | 0.309%   |
| 207 | 13.544 | 13.521 | 13.563 | HH | 16023 | 344260  | 8.11%  | 0.401%   |
| 208 | 13.582 | 13.563 | 13.607 | HH | 15672 | 366856  | 8.64%  | 0.427%   |
| 209 | 13.620 | 13.607 | 13.649 | HH | 13168 | 311468  | 7.33%  | 0.362%   |
| 210 | 13.687 | 13.649 | 13.697 | HH | 16611 | 401081  | 9.44%  | 0.467%   |
| 211 | 13.708 | 13.697 | 13.732 | HH | 16743 | 323116  | 7.61%  | 0.376%   |
| 212 | 13.752 | 13.732 | 13.799 | HH | 14672 | 526916  | 12.41% | 0.613%   |
| 213 | 13.836 | 13.799 | 13.854 | HH | 12936 | 411531  | 9.69%  | 0.479%   |
| 214 | 13.918 | 13.854 | 13.934 | HH | 13493 | 622792  | 14.66% | 0.725%   |
| 215 | 13.953 | 13.934 | 13.973 | HH | 13386 | 308325  | 7.26%  | 0.359%   |
| 216 | 13.988 | 13.973 | 14.001 | HH | 13316 | 216568  | 5.10%  | 0.252%   |
| 217 | 14.043 | 14.001 | 14.057 | HH | 14152 | 462876  | 10.90% | 0.539%   |
| 218 | 14.086 | 14.057 | 14.117 | HH | 15643 | 542884  | 12.78% | 0.632%   |
| 219 | 14.141 | 14.117 | 14.159 | HH | 16013 | 391422  | 9.22%  | 0.456%   |
| 220 | 14.187 | 14.159 | 14.224 | HH | 19897 | 668684  | 15.75% | 0.778%   |
| 221 | 14.253 | 14.224 | 14.267 | HH | 17967 | 438061  | 10.31% | 0.510%   |
| 222 | 14.278 | 14.267 | 14.286 | HH | 17413 | 190176  | 4.48%  | 0.221%   |
| 223 | 14.310 | 14.286 | 14.329 | HH | 17878 | 452737  | 10.66% | 0.527%   |
| 224 | 14.355 | 14.329 | 14.387 | HH | 22304 | 674478  | 15.88% | 0.785%   |
| 225 | 14.413 | 14.387 | 14.444 | HH | 25216 | 704467  | 16.59% | 0.820%   |
| 226 | 14.493 | 14.444 | 14.522 | HH | 22029 | 938953  | 22.11% | 1.093%   |
| 227 | 14.536 | 14.522 | 14.556 | HH | 19896 | 385072  | 9.07%  | 0.448%   |
| 228 | 14.591 | 14.556 | 14.636 | HH | 99463 | 2022136 | 47.61% | 2.353%   |
| 229 | 14.646 | 14.636 | 14.662 | HH | 20007 | 315543  | 7.43%  | 0.367%   |
| 230 | 14.728 | 14.662 | 14.749 | HH | 50470 | 1491132 | 35.11% | 1.735%   |
| 231 | 14.768 | 14.749 | 14.816 | HH | 52570 | 1354981 | 31.91% | 1.577%   |
| 232 | 14.827 | 14.816 | 14.857 | HH | 22695 | 563299  | 13.26% | 0.656%   |
| 233 | 14.888 | 14.857 | 14.906 | HH | 27441 | 722571  | 17.01% | 0.841%   |
| 234 | 14.915 | 14.906 | 14.976 | HH | 25202 | 1006729 | 23.71% | 1.172%   |
| 235 | 14.990 | 14.976 | 15.014 | HH | 24472 | 541358  | 12.75% | 0.630%   |
| 236 | 15.045 | 15.014 | 15.061 | HH | 26807 | 711931  | 16.76% | 0.828%   |
| 237 | 15.074 | 15.061 | 15.112 | HH | 26593 | 802031  | 18.89% | 0.933%   |
| 238 | 15.128 | 15.112 | 15.142 | HH | 25820 | 456246  | 10.74% | 0.531%   |
| 239 | 15.177 | 15.142 | 15.263 | HH | 51999 | 2339096 | 55.08% | 2.722%   |
| 240 | 15.321 | 15.263 | 15.349 | HH | 30862 | 1455683 | 34.28% | 1.694%   |
| 241 | 15.382 | 15.349 | 15.392 | HH | 32529 | 795941  | 18.74% | 0.926%   |
| 242 | 15.404 | 15.392 | 15.426 | HH | 35546 | 657104  | 15.47% | 0.765%   |
| 243 | 15.443 | 15.426 | 15.473 | HH | 32652 | 872621  | 20.55% | 1.015%   |
| 244 | 15.569 | 15.473 | 15.602 | HH | 35154 | 2425480 | 57.11% | 2.823%   |
| 245 | 15.639 | 15.602 | 15.667 | HH | 32575 | 1236667 | 29.12% | 1.439%   |
| 246 | 15.735 | 15.667 | 15.773 | HH | 34679 | 2120854 | 49.94% | 2.468%   |



| rteres                  |        |        |        |     |       |          |         |        |
|-------------------------|--------|--------|--------|-----|-------|----------|---------|--------|
| 247                     | 15.821 | 15.773 | 15.871 | HH  | 40057 | 2135528  | 50.28%  | 2.485% |
| 248                     | 15.878 | 15.871 | 15.894 | HH  | 36589 | 503227   | 11.85%  | 0.586% |
| 249                     | 15.916 | 15.894 | 15.931 | HH  | 36160 | 795094   | 18.72%  | 0.925% |
| 250                     | 15.949 | 15.931 | 15.966 | HH  | 36749 | 773138   | 18.20%  | 0.900% |
| 251                     | 16.008 | 15.966 | 16.034 | HH  | 41658 | 1598593  | 37.64%  | 1.860% |
| 252                     | 16.047 | 16.034 | 16.062 | HH  | 40831 | 662335   | 15.60%  | 0.771% |
| 253                     | 16.109 | 16.062 | 16.139 | HH  | 48200 | 2029369  | 47.79%  | 2.362% |
| 254                     | 16.202 | 16.139 | 16.234 | HH  | 49048 | 2552714  | 60.11%  | 2.971% |
| 255                     | 16.296 | 16.234 | 16.359 | HH  | 87882 | 4246853  | 100.00% | 4.942% |
| 256                     | 16.390 | 16.359 | 16.405 | HH  | 51937 | 1381480  | 32.53%  | 1.608% |
| 257                     | 16.428 | 16.405 | 16.471 | HH  | 57685 | 2099792  | 49.44%  | 2.444% |
| 258                     | 16.488 | 16.471 | 16.496 | HH  | 51967 | 770935   | 18.15%  | 0.897% |
| 259                     | 16.507 | 16.496 | 16.534 | HH  | 53166 | 1201934  | 28.30%  | 1.399% |
| 260                     | 16.585 | 16.534 | 16.596 | HH  | 57790 | 2017296  | 47.50%  | 2.348% |
| 261                     | 16.617 | 16.596 | 16.652 | HH  | 79171 | 2192404  | 51.62%  | 2.551% |
| 262                     | 16.677 | 16.652 | 16.716 | HH  | 82125 | 2508262  | 59.06%  | 2.919% |
| 263                     | 16.778 | 16.716 | 16.811 | HHA | 79402 | 3752820  | 88.37%  | 4.367% |
| Sum of corrected areas: |        |        |        |     |       | 85932421 |         |        |

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