

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082222AL\  
 Data File : FF011292.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Aug 2022 22:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 23 03:06:18 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH -FF082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 03:03:53 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 10.695 | 2663133    | 19.892 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.78%       |
| 12) S 1-chlorooctadecane (S... | 12.137 | 2065806    | 19.929 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.86%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.597  | 2488822    | 19.905 ug/ml |
| 2) T n-Decane (C10)            | 3.592  | 2488207    | 20.020 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.135  | 2653609    | 20.063 ug/ml |
| 4) T n-Dodecane (C12)          | 5.570  | 2518297    | 20.001 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.180  | 2609901    | 20.286 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.356  | 2497343    | 19.935 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.951  | 2464432    | 19.968 ug/ml |
| 8) T n-Octadecane (C18)        | 10.389 | 2465797    | 19.933 ug/ml |
| 10) T n-Eicosane (C20)         | 11.695 | 2393895    | 19.907 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.307 | 2374958    | 19.881 ug/ml |
| 13) T n-Docosane (C22)         | 12.892 | 2334001    | 19.909 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.993 | 2290195    | 19.866 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.012 | 2218386    | 19.934 ug/ml |
| 16) T n-Octacosane (C28)       | 15.960 | 2181157    | 19.967 ug/ml |
| 17) T n-Tricontane (C30)       | 16.845 | 2062320    | 19.936 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.675 | 1683413    | 19.899 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.457 | 1231302    | 19.894 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.193 | 934134     | 19.958 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.897 | 783722     | 19.502 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.713 | 715778     | 18.687 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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