

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122822AL\  
 Data File : FC062490.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Dec 2022 10:53  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 28 18:05:11 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 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)    | 11.565 | 2339677    | 16.586 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.17%       |
| 12) S 1-chlorooctadecane (S... | 13.006 | 1724289    | 16.178 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.36%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.315  | 2090678    | 16.255 ug/ml |
| 2) T n-Decane (C10)            | 4.385  | 2118573    | 17.030 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.973  | 2379175    | 16.767 ug/ml |
| 4) T n-Dodecane (C12)          | 6.410  | 2050423    | 16.370 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.032  | 2219648    | 17.263 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.208  | 2099192    | 17.237 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.810  | 2128154    | 16.955 ug/ml |
| 8) T n-Octadecane (C18)        | 11.252 | 2164013    | 16.939 ug/ml |
| 10) T n-Eicosane (C20)         | 12.561 | 2099496    | 16.878 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.173 | 2065268    | 16.713 ug/ml |
| 13) T n-Docosane (C22)         | 13.758 | 2135562    | 17.580 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.860 | 2244287    | 18.723 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.880 | 2292514    | 19.735 ug/ml |
| 16) T n-Octacosane (C28)       | 16.828 | 2389698    | 21.026 ug/ml |
| 17) T n-Tricontane (C30)       | 17.714 | 2444486    | 21.865 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.544 | 2414777    | 21.732 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.326 | 2152772    | 19.899 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.065 | 1948308    | 19.191 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.802 | 1841561    | 18.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.710 | 1807327    | 17.833 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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