

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010323AL\  
 Data File : FC062543.D  
 Signal(s) : FID1A.ch  
 Acq On : 03 Jan 2023 13:55  
 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: Jan 03 18:13:21 2023  
 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)    | 11.558 | 2880872    | 20.423 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.85%       |
| 12) S 1-chlorooctadecane (S... | 12.996 | 2131467    | 19.998 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.312  | 2728807    | 21.217 ug/ml |
| 2) T n-Decane (C10)            | 4.380  | 2665307    | 21.425 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.967  | 3016001    | 21.254 ug/ml |
| 4) T n-Dodecane (C12)          | 6.403  | 2667974    | 21.300 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.025  | 2813059    | 21.878 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.199  | 2644394    | 21.714 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.801  | 2658269    | 21.179 ug/ml |
| 8) T n-Octadecane (C18)        | 11.243 | 2654823    | 20.781 ug/ml |
| 10) T n-Eicosane (C20)         | 12.552 | 2530822    | 20.346 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.164 | 2511866    | 20.327 ug/ml |
| 13) T n-Docosane (C22)         | 13.749 | 2446318    | 20.139 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.851 | 2392427    | 19.959 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.871 | 2297933    | 19.781 ug/ml |
| 16) T n-Octacosane (C28)       | 16.820 | 2235950    | 19.673 ug/ml |
| 17) T n-Tricontane (C30)       | 17.705 | 2203781    | 19.712 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.536 | 2225322    | 20.027 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.318 | 2199781    | 20.334 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.055 | 2249537    | 22.158 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.788 | 2119955    | 20.721 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.698 | 2289127    | 22.587 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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