

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080624AL\  
 Data File : FC066935.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Aug 2024 07:32  
 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: Aug 07 03:41:14 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 2024  
 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)    | 11.515 | 2843560    | 18.470 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.94%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 2123419    | 18.990 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.282  | 2638906    | 18.598 ug/ml |
| 2) T n-Decane (C10)            | 4.348  | 2779152    | 18.800 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.929  | 2971556    | 18.608 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 2792936    | 18.630 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.985  | 2844563    | 18.555 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.161  | 2701514    | 18.464 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.761  | 2743152    | 18.328 ug/ml |
| 8) T n-Octadecane (C18)        | 11.202 | 2716582    | 18.306 ug/ml |
| 10) T n-Eicosane (C20)         | 12.511 | 2561031    | 18.374 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.122 | 2492043    | 18.296 ug/ml |
| 13) T n-Docosane (C22)         | 13.708 | 2483491    | 18.489 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.811 | 2448569    | 18.409 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.830 | 2407453    | 18.502 ug/ml |
| 16) T n-Octacosane (C28)       | 16.780 | 2407836    | 19.087 ug/ml |
| 17) T n-Tricontane (C30)       | 17.667 | 2536852    | 19.728 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.499 | 2551028    | 20.263 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.283 | 2427243    | 19.620 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.022 | 2277284    | 19.577 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.749 | 2267710    | 20.410 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.645 | 2082615    | 19.157 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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