

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080224AL\  
 Data File : FC066912.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Aug 2024 22:41  
 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 02 23:33:37 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)    | 11.516 | 3130595    | 20.335 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.67%       |
| 12) S 1-chlorooctadecane (S... | 12.954 | 2313003    | 20.686 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.37%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.281  | 2953777    | 20.817 ug/ml |
| 2) T n-Decane (C10)            | 4.347  | 3040788    | 20.570 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.928  | 3247476    | 20.335 ug/ml |
| 4) T n-Dodecane (C12)          | 6.366  | 3027125    | 20.192 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.984  | 3102410    | 20.237 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.161  | 2946292    | 20.137 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.762  | 2983017    | 19.931 ug/ml |
| 8) T n-Octadecane (C18)        | 11.203 | 2965251    | 19.982 ug/ml |
| 10) T n-Eicosane (C20)         | 12.512 | 2799709    | 20.086 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.123 | 2729813    | 20.041 ug/ml |
| 13) T n-Docosane (C22)         | 13.709 | 2713789    | 20.204 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.811 | 2683239    | 20.173 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.831 | 2621004    | 20.143 ug/ml |
| 16) T n-Octacosane (C28)       | 16.781 | 2580513    | 20.455 ug/ml |
| 17) T n-Tricontane (C30)       | 17.668 | 2663683    | 20.714 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.500 | 2630433    | 20.894 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.283 | 2506436    | 20.260 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.022 | 2318162    | 19.928 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.751 | 2246942    | 20.223 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.647 | 2167528    | 19.938 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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