

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011623AL\  
 Data File : FC062679.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Jan 2023 01:23  
 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 17 02:09:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010523.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 04:54:00 2023  
 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)    | 11.553 | 2796723    | 19.795 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.59%       |
| 12) S 1-chlorooctadecane (S... | 12.991 | 2084931    | 19.793 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.59%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.309  | 2576936    | 19.271 ug/ml |
| 2) T n-Decane (C10)            | 4.378  | 2578978    | 19.885 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.963  | 2899891    | 19.734 ug/ml |
| 4) T n-Dodecane (C12)          | 6.399  | 2501920    | 19.467 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.021  | 2678615    | 19.592 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.195  | 2564963    | 19.925 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.796  | 2577063    | 19.955 ug/ml |
| 8) T n-Octadecane (C18)        | 11.238 | 2595228    | 20.041 ug/ml |
| 10) T n-Eicosane (C20)         | 12.548 | 2487901    | 20.159 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.160 | 2460093    | 20.072 ug/ml |
| 13) T n-Docosane (C22)         | 13.745 | 2454275    | 20.529 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.847 | 2491218    | 21.391 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.866 | 2435487    | 21.679 ug/ml |
| 16) T n-Octacosane (C28)       | 16.814 | 2505606    | 22.820 ug/ml |
| 17) T n-Tricontane (C30)       | 17.700 | 2669799    | 24.653 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.532 | 2778653    | 25.452 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.314 | 2642713    | 24.308 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.053 | 2406856    | 21.638 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.783 | 2321545    | 21.921 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.692 | 2267454    | 21.292 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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