

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102824AL\  
 Data File : FC067541.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Oct 2024 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

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024  
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: sample.E  
 Quant Time: Oct 29 00:05:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.494	2958818	20.165 ug/ml
Spiked Amount	50.000	Recovery =	40.33%
12) S 1-chlorooctadecane (S...	12.932	2195676	20.333 ug/ml
Spiked Amount	50.000	Recovery =	40.67%
Target Compounds			
1) T n-Nonane (C9)	3.274	2662070	19.760 ug/ml
2) T n-Decane (C10)	4.339	2724543	19.997 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2956908	19.954 ug/ml
4) T n-Dodecane (C12)	6.354	2732866	20.177 ug/ml
5) T A~2-methylnaphthalene...	6.971	2834684	20.073 ug/ml
6) T n-Tetradecane (C14)	8.146	2672494	20.360 ug/ml
7) T n-Hexadecane (C16)	9.744	2717329	20.570 ug/ml
8) T n-Octadecane (C18)	11.183	2728945	20.656 ug/ml
10) T n-Eicosane (C20)	12.489	2591647	20.540 ug/ml
11) T n-Heneicosane (C21)	13.101	2537036	20.557 ug/ml
13) T n-Docosane (C22)	13.685	2512507	20.519 ug/ml
14) T n-Tetracosane (C24)	14.786	2490102	20.544 ug/ml
15) T n-Hexacosane (C26)	15.806	2457754	20.644 ug/ml
16) T n-Octacosane (C28)	16.754	2453146	20.852 ug/ml
17) T n-Tricontane (C30)	17.640	2588383	21.414 ug/ml
18) T n-Dotriacontane (C32)	18.471	2582697	21.828 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2293073	21.896 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1966505	21.604 ug/ml
21) T n-Octatriacontane (C38)	20.711	1823109	21.051 ug/mlm
22) T n-Tetracontane (C40)	21.595	1751942	20.608 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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