

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090523AL\
 Data File : FC064510.D
 Signal(s) : FID1A.ch
 Acq On : 06 Sep 2023 03:03
 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 09/06/2023
 Supervised By :Ankita Jodhani 09/06/2023

Integration File: autoint1.e
 Quant Time: Sep 06 04:03:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.510	4056644	19.108 ug/ml
Spiked Amount 50.000		Recovery =	38.22%
12) S 1-chlorooctadecane (S...	12.945	2959710	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.303	3463875	19.626 ug/ml
2) T n-Decane (C10)	4.363	3525987	20.100 ug/ml
3) T A~Naphthalene (C11.7)	5.942	3712040	19.962 ug/ml
4) T n-Dodecane (C12)	6.375	3577421	20.070 ug/ml
5) T A~2-methylnaphthalene...	6.996	3644687	20.489 ug/ml
6) T n-Tetradecane (C14)	8.163	3499642	20.060 ug/ml
7) T n-Hexadecane (C16)	9.760	3504672	20.280 ug/ml
8) T n-Octadecane (C18)	11.198	3478529	19.869 ug/ml
10) T n-Eicosane (C20)	12.503	3308324	19.557 ug/ml
11) T n-Heneicosane (C21)	13.113	3230628	19.356 ug/ml
13) T n-Docosane (C22)	13.697	3164881	19.403 ug/ml
14) T n-Tetracosane (C24)	14.795	3044586	19.118 ug/ml
15) T n-Hexacosane (C26)	15.813	2915075	18.868 ug/ml
16) T n-Octacosane (C28)	16.758	2815387	19.017 ug/ml
17) T n-Tricontane (C30)	17.641	2827017	19.354 ug/ml
18) T n-Dotriacontane (C32)	18.472	2799442	19.818 ug/ml
19) T n-Tetratriacontane (C34)	19.252	2716026	20.327 ug/mlm
20) T n-Hexatriacontane (C36)	19.988	2670500	20.870 ug/ml
21) T n-Octatriacontane (C38)	20.711	2684091	21.858 ug/ml
22) T n-Tetracontane (C40)	21.593	2617163	22.536 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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