

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083123AL\
 Data File : FC064463.D
 Signal(s) : FID1A.ch
 Acq On : 31 Aug 2023 13:52
 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 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:17:12 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)	11.511	3882807	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
12) S 1-chlorooctadecane (S...	12.946	2826263	18.536 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.307	3275622	18.559 ug/ml
2) T n-Decane (C10)	4.367	3342877	19.056 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3529142	18.979 ug/ml
4) T n-Dodecane (C12)	6.376	3388644	19.011 ug/ml
5) T A~2-methylnaphthalene...	6.998	3452077	19.406 ug/ml
6) T n-Tetradecane (C14)	8.165	3325492	19.062 ug/ml
7) T n-Hexadecane (C16)	9.761	3327907	19.257 ug/ml
8) T n-Octadecane (C18)	11.198	3295998	18.826 ug/ml
10) T n-Eicosane (C20)	12.503	3140324	18.564 ug/ml
11) T n-Heneicosane (C21)	13.113	3082050	18.466 ug/ml
13) T n-Docosane (C22)	13.697	3012630	18.470 ug/ml
14) T n-Tetracosane (C24)	14.797	2934725	18.429 ug/ml
15) T n-Hexacosane (C26)	15.813	2856595	18.490 ug/ml
16) T n-Octacosane (C28)	16.759	2906798	19.634 ug/ml
17) T n-Tricontane (C30)	17.645	3078069	21.073 ug/ml
18) T n-Dotriacontane (C32)	18.474	3036588	21.497 ug/ml
19) T n-Tetratriacontane (C34)	19.255	2865755	21.448 ug/ml
20) T n-Hexatriacontane (C36)	19.991	2678443	20.932 ug/ml
21) T n-Octatriacontane (C38)	20.713	2655103	21.622 ug/mlm
22) T n-Tetracontane (C40)	21.595	2695388	23.210 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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