

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042023AL\
 Data File : FC063433.D
 Signal(s) : FID1A.ch
 Acq On : 20 Apr 2023 18:47
 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 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 02:17:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 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)	11.547	2803273	18.425 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	12.984	2121933	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.308	2605628	18.559 ug/ml
2) T n-Decane (C10)	4.376	2572387	18.877 ug/ml
3) T A~Naphthalene (C11.7)	5.963	2854768	18.906 ug/ml
4) T n-Dodecane (C12)	6.396	2561610	19.042 ug/ml
5) T A~2-methylnaphthalene...	7.021	2651453	19.037 ug/ml
6) T n-Tetradecane (C14)	8.190	2525781	18.658 ug/ml
7) T n-Hexadecane (C16)	9.791	2566764	18.902 ug/ml
8) T n-Octadecane (C18)	11.232	2574517	18.587 ug/ml
10) T n-Eicosane (C20)	12.540	2491552	18.545 ug/ml
11) T n-Heneicosane (C21)	13.151	2542707	18.893 ug/ml
13) T n-Docosane (C22)	13.736	2485423	18.638 ug/ml
14) T n-Tetracosane (C24)	14.837	2596643	19.312 ug/ml
15) T n-Hexacosane (C26)	15.858	2531724	18.914 ug/ml
16) T n-Octacosane (C28)	16.805	2594682	19.163 ug/ml
17) T n-Tricontane (C30)	17.691	2747678	19.863 ug/ml
18) T n-Dotriacontane (C32)	18.522	2797560	19.816 ug/ml
19) T n-Tetratriacontane (C34)	19.304	2661931	19.289 ug/ml
20) T n-Hexatriacontane (C36)	20.041	2624168	20.531 ug/ml
21) T n-Octatriacontane (C38)	20.772	2695672	21.893 ug/ml
22) T n-Tetracontane (C40)	21.677	2619394	22.259 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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