

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060324AL\
 Data File : FC066518.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jun 2024 15:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2024
 Supervised By :Ankita Jodhani 06/04/2024

Integration File: autoint1.e
 Quant Time: Jun 04 04:07:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 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

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.557	2968198	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.996	2255325	19.737 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
Target Compounds			
1) T n-Nonane (C9)	3.312	2733149	19.529 ug/ml
2) T n-Decane (C10)	4.381	2791199	19.399 ug/ml
3) T A~Naphthalene (C11.7)	5.965	3087942	19.378 ug/ml
4) T n-Dodecane (C12)	6.401	2804797	19.478 ug/ml
5) T A~2-methylnaphthalene...	7.022	2981179	19.438 ug/ml
6) T n-Tetradecane (C14)	8.198	2754834	19.514 ug/ml
7) T n-Hexadecane (C16)	9.799	2824795	19.655 ug/ml
8) T n-Octadecane (C18)	11.242	2817879	19.691 ug/ml
10) T n-Eicosane (C20)	12.553	2680653	19.701 ug/ml
11) T n-Heneicosane (C21)	13.164	2624216	19.686 ug/ml
13) T n-Docosane (C22)	13.750	2603025	19.750 ug/ml
14) T n-Tetracosane (C24)	14.854	2574960	19.781 ug/ml
15) T n-Hexacosane (C26)	15.875	2510070	19.736 ug/ml
16) T n-Octacosane (C28)	16.825	2475190	19.937 ug/ml
17) T n-Tricontane (C30)	17.712	2542528	20.174 ug/ml
18) T n-Dotriacontane (C32)	18.546	2509482	20.389 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2413564	20.126 ug/ml
20) T n-Hexatriacontane (C36)	20.070	2333022	19.256 ug/ml
21) T n-Octatriacontane (C38)	20.806	2258314	19.522 ug/ml
22) T n-Tetracontane (C40)	21.717	2190982	17.886 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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