

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021225AL\
 Data File : FC068262.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2025 10:03
 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

Integration File: autoint1.e
 Quant Time: Feb 13 01:59:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:52:40 2025
 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)	11.398	3045135	19.487 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	12.840	2259606	19.648 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.207	2765602	20.197 ug/ml
2) T n-Decane (C10)	4.264	2836647	20.432 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3076645	20.494 ug/ml
4) T n-Dodecane (C12)	6.273	2823718	20.213 ug/ml
5) T A~2-methylnaphthalene...	6.883	2931064	20.407 ug/ml
6) T n-Tetradecane (C14)	8.061	2729974	20.003 ug/ml
7) T n-Hexadecane (C16)	9.657	2755399	19.830 ug/ml
8) T n-Octadecane (C18)	11.094	2761044	19.734 ug/ml
10) T n-Eicosane (C20)	12.400	2638752	19.721 ug/ml
11) T n-Heneicosane (C21)	13.010	2582647	19.664 ug/ml
13) T n-Docosane (C22)	13.595	2571174	19.849 ug/ml
14) T n-Tetracosane (C24)	14.695	2584871	20.134 ug/ml
15) T n-Hexacosane (C26)	15.714	2543471	20.212 ug/ml
16) T n-Octacosane (C28)	16.663	2543166	20.334 ug/ml
17) T n-Tricontane (C30)	17.548	2639112	20.418 ug/ml
18) T n-Dotriacontane (C32)	18.379	2567954	20.542 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2240201	20.652 ug/ml
20) T n-Hexatriacontane (C36)	19.899	1919522	20.742 ug/ml
21) T n-Octatriacontane (C38)	20.610	1798211	20.986 ug/ml
22) T n-Tetracontane (C40)	21.462	1742135	21.545 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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