

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020325AL\
 Data File : FC068174.D
 Signal(s) : FID1A.ch
 Acq On : 03 Feb 2025 10:44
 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 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File: autoint1.e
 Quant Time: Feb 04 01:57:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.417	2921120	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.858	2141736	18.623 ug/ml
Spiked Amount 50.000		Recovery =	37.25%
Target Compounds			
1) T n-Nonane (C9)	3.227	2727872	19.921 ug/ml
2) T n-Decane (C10)	4.284	2751655	19.820 ug/ml
3) T A~Naphthalene (C11.7)	5.852	2969037	19.777 ug/ml
4) T n-Dodecane (C12)	6.292	2724624	19.504 ug/ml
5) T A~2-methylnaphthalene...	6.904	2818997	19.626 ug/ml
6) T n-Tetradecane (C14)	8.080	2617079	19.176 ug/ml
7) T n-Hexadecane (C16)	9.675	2624859	18.891 ug/ml
8) T n-Octadecane (C18)	11.111	2619477	18.722 ug/ml
10) T n-Eicosane (C20)	12.417	2492902	18.631 ug/ml
11) T n-Heneicosane (C21)	13.026	2444802	18.614 ug/ml
13) T n-Docosane (C22)	13.611	2410670	18.610 ug/ml
14) T n-Tetracosane (C24)	14.711	2378089	18.523 ug/ml
15) T n-Hexacosane (C26)	15.729	2320076	18.437 ug/ml
16) T n-Octacosane (C28)	16.677	2254821	18.028 ug/ml
17) T n-Tricontane (C30)	17.563	2257740	17.467 ug/ml
18) T n-Dotriacontane (C32)	18.393	2161217	17.288 ug/ml
19) T n-Tetratriacontane (C34)	19.174	1914815	17.652 ug/ml
20) T n-Hexatriacontane (C36)	19.913	1677915	18.131 ug/ml
21) T n-Octatriacontane (C38)	20.625	1606047	18.743 ug/ml
22) T n-Tetracontane (C40)	21.480	1546702	19.128 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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