

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020725AL\
 Data File : FC068240.D
 Signal(s) : FID1A.ch
 Acq On : 07 Feb 2025 19:09
 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 02/10/2025
 Supervised By :Ankita Jodhani 02/10/2025

Integration File: autoint1.e
 Quant Time: Feb 07 22:17:11 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)	11.402	2982697	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	12.844	2339825	20.346 ug/mlm
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T n-Nonane (C9)	3.209	2804026	20.477 ug/ml
2) T n-Decane (C10)	4.267	2839124	20.450 ug/ml
3) T A~Naphthalene (C11.7)	5.834	3078534	20.506 ug/ml
4) T n-Dodecane (C12)	6.275	2805866	20.085 ug/ml
5) T A~2-methylnaphthalene...	6.887	2880784	20.057 ug/ml
6) T n-Tetradecane (C14)	8.064	2699405	19.779 ug/ml
7) T n-Hexadecane (C16)	9.660	2720700	19.581 ug/ml
8) T n-Octadecane (C18)	11.097	2713632	19.395 ug/ml
10) T n-Eicosane (C20)	12.403	2578934	19.274 ug/ml
11) T n-Heneicosane (C21)	13.013	2520076	19.187 ug/ml
13) T n-Docosane (C22)	13.598	2502862	19.322 ug/mlm
14) T n-Tetracosane (C24)	14.699	2485807	19.362 ug/ml
15) T n-Hexacosane (C26)	15.717	2444176	19.423 ug/ml
16) T n-Octacosane (C28)	16.665	2416280	19.319 ug/ml
17) T n-Tricontane (C30)	17.552	2482304	19.205 ug/ml
18) T n-Dotriacontane (C32)	18.381	2399414	19.194 ug/ml
19) T n-Tetratriacontane (C34)	19.165	2119778	19.542 ug/ml
20) T n-Hexatriacontane (C36)	19.905	1843070	19.916 ug/mlm
21) T n-Octatriacontane (C38)	20.618	1773791	20.701 ug/mlm
22) T n-Tetracontane (C40)	21.468	1745919	21.592 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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