

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067089.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 23:57
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/11/2024
 Supervised By :Ankita Jodhani 09/11/2024

Integration File: sample.E
 Quant Time: Sep 11 03:09:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.505	2786101	20.009 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.945	2055572	21.043 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T n-Nonane (C9)	3.276	2600121	19.602 ug/ml
2) T n-Decane (C10)	4.341	2635688	19.624 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2829683	19.910 ug/ml
4) T n-Dodecane (C12)	6.359	2628049	19.633 ug/ml
5) T A~2-methylnaphthalene...	6.977	2691964	20.159 ug/ml
6) T n-Tetradecane (C14)	8.153	2554002	19.818 ug/ml
7) T n-Hexadecane (C16)	9.752	2565253	19.897 ug/ml
8) T n-Octadecane (C18)	11.193	2551653	19.944 ug/ml
10) T n-Eicosane (C20)	12.501	2411481	20.077 ug/ml
11) T n-Heneicosane (C21)	13.113	2346395	20.090 ug/ml
13) T n-Docosane (C22)	13.699	2328753	20.169 ug/ml
14) T n-Tetracosane (C24)	14.800	2289555	20.161 ug/ml
15) T n-Hexacosane (C26)	15.821	2231119	20.131 ug/ml
16) T n-Octacosane (C28)	16.769	2169113	20.081 ug/ml
17) T n-Tricontane (C30)	17.656	2176762	20.012 ug/ml
18) T n-Dotriacontane (C32)	18.487	2073102	19.875 ug/ml
19) T n-Tetratriacontane (C34)	19.270	1854660	20.103 ug/ml
20) T n-Hexatriacontane (C36)	20.009	1589642	20.059 ug/ml
21) T n-Octatriacontane (C38)	20.735	1554049	20.689 ug/ml
22) T n-Tetracontane (C40)	21.624	1667888	23.873 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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