

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F103124AL\
 Data File : FC067600.D
 Signal(s) : FID1A.ch
 Acq On : 31 Oct 2024 17:42
 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 11/01/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e
 Quant Time: Nov 01 01:51:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.493	2866826	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	12.932	2142769	19.843 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T n-Nonane (C9)	3.274	2596607	19.274 ug/ml
2) T n-Decane (C10)	4.338	2647375	19.431 ug/ml
3) T A~Naphthalene (C11.7)	5.915	2862780	19.319 ug/ml
4) T n-Dodecane (C12)	6.353	2653494	19.591 ug/ml
5) T A~2-methylnaphthalene...	6.970	2743754	19.429 ug/ml
6) T n-Tetradecane (C14)	8.145	2579841	19.654 ug/ml
7) T n-Hexadecane (C16)	9.742	2615888	19.802 ug/ml
8) T n-Octadecane (C18)	11.182	2630946	19.914 ug/ml
10) T n-Eicosane (C20)	12.489	2499488	19.809 ug/ml
11) T n-Heneicosane (C21)	13.100	2444567	19.808 ug/ml
13) T n-Docosane (C22)	13.685	2428241	19.831 ug/ml
14) T n-Tetracosane (C24)	14.786	2409580	19.879 ug/ml
15) T n-Hexacosane (C26)	15.805	2384381	20.027 ug/ml
16) T n-Octacosane (C28)	16.753	2415220	20.529 ug/ml
17) T n-Tricontane (C30)	17.639	2595056	21.470 ug/ml
18) T n-Dotriacontane (C32)	18.471	2608818	22.049 ug/ml
19) T n-Tetratriacontane (C34)	19.253	2286373	21.832 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1939813	21.310 ug/ml
21) T n-Octatriacontane (C38)	20.713	1819992	21.016 ug/mlm
22) T n-Tetracontane (C40)	21.596	1759275	20.695 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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