

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101724AL\
 Data File : FC067453.D
 Signal(s) : FID1A.ch
 Acq On : 17 Oct 2024 12:04
 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 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: sample.E
 Quant Time: Oct 18 01:43:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.496	2960529	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	12.934	2198884	19.426 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.274	2668792	21.054 ug/ml
2) T n-Decane (C10)	4.339	2751731	21.407 ug/ml
3) T A~Naphthalene (C11.7)	5.917	2996471	21.123 ug/ml
4) T n-Dodecane (C12)	6.355	2752602	21.213 ug/ml
5) T A~2-methylnaphthalene...	6.972	2861268	20.856 ug/ml
6) T n-Tetradecane (C14)	8.147	2677245	20.787 ug/ml
7) T n-Hexadecane (C16)	9.745	2718387	20.421 ug/ml
8) T n-Octadecane (C18)	11.185	2720097	20.059 ug/ml
10) T n-Eicosane (C20)	12.492	2584334	19.793 ug/ml
11) T n-Heneicosane (C21)	13.103	2526554	19.699 ug/ml
13) T n-Docosane (C22)	13.689	2497504	19.560 ug/ml
14) T n-Tetracosane (C24)	14.790	2481302	19.402 ug/ml
15) T n-Hexacosane (C26)	15.809	2441382	19.363 ug/ml
16) T n-Octacosane (C28)	16.757	2434406	19.378 ug/ml
17) T n-Tricontane (C30)	17.644	2532980	19.662 ug/ml
18) T n-Dotriacontane (C32)	18.475	2497695	19.993 ug/ml
19) T n-Tetratriacontane (C34)	19.258	2213568	20.256 ug/mlm
20) T n-Hexatriacontane (C36)	19.995	1937998	20.504 ug/ml
21) T n-Octatriacontane (C38)	20.718	1787184	20.378 ug/ml
22) T n-Tetracontane (C40)	21.605	1740931	20.232 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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