

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021025AL\
 Data File : FC068243.D
 Signal(s) : FID1A.ch
 Acq On : 10 Feb 2025 10:19
 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 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 10 23:15:00 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)	11.399	2553308	16.339 ug/mlm
Spiked Amount 50.000		Recovery =	32.68%
12) S 1-chlorooctadecane (S...	12.843	1857030	16.148 ug/mlm
Spiked Amount 50.000		Recovery =	32.30%
Target Compounds			
1) T n-Nonane (C9)	3.208	2144745	15.663 ug/ml
2) T n-Decane (C10)	4.266	2232281	16.079 ug/ml
3) T A~Naphthalene (C11.7)	5.833	2411896	16.066 ug/ml
4) T n-Dodecane (C12)	6.274	2226214	15.936 ug/ml
5) T A~2-methylnaphthalene...	6.885	2271088	15.812 ug/ml
6) T n-Tetradecane (C14)	8.063	2176302	15.946 ug/ml
7) T n-Hexadecane (C16)	9.658	2226874	16.027 ug/ml
8) T n-Octadecane (C18)	11.095	2239582	16.007 ug/ml
10) T n-Eicosane (C20)	12.401	2144628	16.028 ug/ml
11) T n-Heneicosane (C21)	13.012	2102301	16.007 ug/ml
13) T n-Docosane (C22)	13.597	2108892	16.281 ug/ml
14) T n-Tetracosane (C24)	14.697	2154544	16.782 ug/ml
15) T n-Hexacosane (C26)	15.715	2164931	17.204 ug/ml
16) T n-Octacosane (C28)	16.664	2353789	18.819 ug/ml
17) T n-Tricontane (C30)	17.550	2754877	21.313 ug/ml
18) T n-Dotriacontane (C32)	18.380	2844188	22.751 ug/ml
19) T n-Tetratriacontane (C34)	19.163	2425832	22.363 ug/ml
20) T n-Hexatriacontane (C36)	19.900	1953284	21.107 ug/mlm
21) T n-Octatriacontane (C38)	20.609	1702516	19.869 ug/mlm
22) T n-Tetracontane (C40)	21.464	1551454	19.187 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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