

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041725AL\
 Data File : FC068620.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 13:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

04/18/2025
 Supervised By :mohammad
 ahmed

04/21/2025

Integration File: autoint1.e
 Quant Time: Apr 18 02:52:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.718	2334036	18.329 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
12) S 1-chlorooctadecane (S...	13.151	1716874	18.482 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.446	2078462	19.734 ug/ml
2) T n-Decane (C10)	4.522	2116485	20.088 ug/ml
3) T A~Naphthalene (C11.7)	6.121	2326618	19.978 ug/ml
4) T n-Dodecane (C12)	6.549	2103692	20.004 ug/ml
5) T A~2-methylnaphthalene...	7.179	2225562	19.269 ug/ml
6) T n-Tetradecane (C14)	8.347	2049940	19.940 ug/ml
7) T n-Hexadecane (C16)	9.949	2077137	20.396 ug/ml
8) T n-Octadecane (C18)	11.393	2074884	20.618 ug/ml
10) T n-Eicosane (C20)	12.705	1975283	20.082 ug/ml
11) T n-Heneicosane (C21)	13.317	1938243	19.888 ug/ml
13) T n-Docosane (C22)	13.904	1929622	19.976 ug/ml
14) T n-Tetracosane (C24)	15.009	1932203	20.300 ug/ml
15) T n-Hexacosane (C26)	16.032	1907642	20.423 ug/ml
16) T n-Octacosane (C28)	16.983	1895452	20.702 ug/ml
17) T n-Tricontane (C30)	17.873	1958209	21.301 ug/ml
18) T n-Dotriacontane (C32)	18.708	1912111	20.845 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1773710	19.854 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1569350	17.519 ug/ml
21) T n-Octatriacontane (C38)	21.011	1456435	16.473 ug/ml
22) T n-Tetracontane (C40)	21.988	1463480	16.573 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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