

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069080.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 09:34
 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 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 04:09:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.676	2459162	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.112	1742580	19.424 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.401	2208107	20.807 ug/ml
2) T n-Decane (C10)	4.476	2211868	20.885 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2382737	20.606 ug/ml
4) T n-Dodecane (C12)	6.503	2182295	20.760 ug/ml
5) T A~2-methylnaphthalene...	7.132	2324963	20.508 ug/ml
6) T n-Tetradecane (C14)	8.304	2096437	20.452 ug/ml
7) T n-Hexadecane (C16)	9.908	2031782	20.024 ug/ml
8) T n-Octadecane (C18)	11.353	1981694	19.828 ug/mlm
10) T n-Eicosane (C20)	12.665	1914453	19.656 ug/ml
11) T n-Heneicosane (C21)	13.280	1887681	19.612 ug/ml
13) T n-Docosane (C22)	13.866	1873320	19.664 ug/ml
14) T n-Tetracosane (C24)	14.972	1843284	19.578 ug/ml
15) T n-Hexacosane (C26)	15.995	1823259	19.638 ug/ml
16) T n-Octacosane (C28)	16.947	1828014	19.666 ug/ml
17) T n-Tricontane (C30)	17.836	1908595	19.726 ug/ml
18) T n-Dotriacontane (C32)	18.671	1941926	19.596 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1853077	19.227 ug/ml
20) T n-Hexatriacontane (C36)	20.198	1784757	18.801 ug/ml
21) T n-Octatriacontane (C38)	20.967	1656931	18.161 ug/ml
22) T n-Tetracontane (C40)	21.936	1514332	17.163 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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