

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069077.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 22:32
 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 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 08:05:29 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)	11.675	2443276	19.809 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.111	1761554	19.635 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.401	2195850	20.692 ug/ml
2) T n-Decane (C10)	4.476	2195345	20.729 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2375730	20.545 ug/ml
4) T n-Dodecane (C12)	6.503	2165444	20.599 ug/ml
5) T A~2-methylnaphthalene...	7.132	2317051	20.438 ug/ml
6) T n-Tetradecane (C14)	8.303	2077694	20.270 ug/ml
7) T n-Hexadecane (C16)	9.908	2020665	19.914 ug/ml
8) T n-Octadecane (C18)	11.354	1974513	19.756 ug/mlm
10) T n-Eicosane (C20)	12.665	1903055	19.539 ug/ml
11) T n-Heneicosane (C21)	13.279	1879860	19.530 ug/ml
13) T n-Docosane (C22)	13.866	1860860	19.533 ug/ml
14) T n-Tetracosane (C24)	14.971	1858356	19.738 ug/ml
15) T n-Hexacosane (C26)	15.994	1821377	19.618 ug/ml
16) T n-Octacosane (C28)	16.947	1832251	19.712 ug/ml
17) T n-Tricontane (C30)	17.836	1904208	19.680 ug/ml
18) T n-Dotriacontane (C32)	18.671	1948555	19.663 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1873199	19.436 ug/ml
20) T n-Hexatriacontane (C36)	20.197	1842208	19.406 ug/ml
21) T n-Octatriacontane (C38)	20.966	1762986	19.324 ug/ml
22) T n-Tetracontane (C40)	21.936	1707277	19.349 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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