

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069085.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 15:36
 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 04:10:28 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	2494701	20.226 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
12) S 1-chlorooctadecane (S...	13.113	1798442	20.046 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	3.404	2218164	20.902 ug/ml
2) T n-Decane (C10)	4.478	2221310	20.974 ug/ml
3) T A~Naphthalene (C11.7)	6.073	2410854	20.849 ug/ml
4) T n-Dodecane (C12)	6.504	2189976	20.833 ug/ml
5) T A~2-methylnaphthalene...	7.132	2356398	20.785 ug/ml
6) T n-Tetradecane (C14)	8.304	2096876	20.457 ug/ml
7) T n-Hexadecane (C16)	9.909	2034284	20.049 ug/ml
8) T n-Octadecane (C18)	11.355	1985935	19.870 ug/mlm
10) T n-Eicosane (C20)	12.667	1929544	19.811 ug/ml
11) T n-Heneicosane (C21)	13.280	1907952	19.822 ug/ml
13) T n-Docosane (C22)	13.868	1898274	19.925 ug/ml
14) T n-Tetracosane (C24)	14.974	1876448	19.930 ug/ml
15) T n-Hexacosane (C26)	15.997	1858398	20.017 ug/ml
16) T n-Octacosane (C28)	16.949	1868074	20.097 ug/ml
17) T n-Tricontane (C30)	17.838	1944953	20.101 ug/ml
18) T n-Dotriacontane (C32)	18.672	1988542	20.066 ug/ml
19) T n-Tetratriacontane (C34)	19.458	1902525	19.740 ug/ml
20) T n-Hexatriacontane (C36)	20.199	1865982	19.656 ug/ml
21) T n-Octatriacontane (C38)	20.970	1802748	19.759 ug/ml
22) T n-Tetracontane (C40)	21.937	1799896	20.399 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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