

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052225AL\
 Data File : FC068974.D
 Signal(s) : FID1A.ch
 Acq On : 22 May 2025 09:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2025
 Supervised By :mohammad ahmed 05/24/2025

Integration File: autoint1.e
 Quant Time: May 23 03:13:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.706	2079081	18.215 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
12) S 1-chlorooctadecane (S...	13.139	1505823	18.770 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.440	1775547	17.653 ug/ml
2) T n-Decane (C10)	4.516	1784006	17.904 ug/ml
3) T A~Naphthalene (C11.7)	6.112	1947391	17.662 ug/ml
4) T n-Dodecane (C12)	6.540	1773169	18.247 ug/ml
5) T A~2-methylnaphthalene...	7.170	1919063	17.880 ug/ml
6) T n-Tetradecane (C14)	8.337	1730793	18.727 ug/ml
7) T n-Hexadecane (C16)	9.939	1707870	19.073 ug/ml
8) T n-Octadecane (C18)	11.382	1680980	19.163 ug/ml
10) T n-Eicosane (C20)	12.693	1632986	19.162 ug/ml
11) T n-Heneicosane (C21)	13.306	1615625	19.155 ug/ml
13) T n-Docosane (C22)	13.892	1603871	19.172 ug/ml
14) T n-Tetracosane (C24)	14.996	1589397	19.102 ug/ml
15) T n-Hexacosane (C26)	16.017	1576799	19.031 ug/ml
16) T n-Octacosane (C28)	16.968	1589801	19.236 ug/ml
17) T n-Tricontane (C30)	17.856	1674228	19.787 ug/ml
18) T n-Dotriacontane (C32)	18.689	1719918	19.968 ug/mlm
19) T n-Tetratriacontane (C34)	19.473	1651675	19.386 ug/mlm
20) T n-Hexatriacontane (C36)	20.214	1604875	18.673 ug/ml
21) T n-Octatriacontane (C38)	20.986	1521723	18.141 ug/ml
22) T n-Tetracontane (C40)	21.961	1457161	17.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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