

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050525AL\
 Data File : FC068778.D
 Signal(s) : FID1A.ch
 Acq On : 05 May 2025 21:06
 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 05/06/2025
 Supervised By :mohammad ahmed 05/07/2025

Integration File: autoint1.e
 Quant Time: May 06 04:03:26 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)	11.709	2169447	17.037 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
12) S 1-chlorooctadecane (S...	13.142	1571020	16.912 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
Target Compounds			
1) T n-Nonane (C9)	3.442	1865519	17.712 ug/ml
2) T n-Decane (C10)	4.517	1887859	17.918 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2050855	17.610 ug/ml
4) T n-Dodecane (C12)	6.542	1862344	17.709 ug/ml
5) T A~2-methylnaphthalene...	7.172	2008836	17.393 ug/ml
6) T n-Tetradecane (C14)	8.339	1801662	17.525 ug/ml
7) T n-Hexadecane (C16)	9.942	1772806	17.408 ug/ml
8) T n-Octadecane (C18)	11.385	1739358	17.284 ug/mlm
10) T n-Eicosane (C20)	12.696	1678695	17.067 ug/ml
11) T n-Heneicosane (C21)	13.309	1656389	16.996 ug/ml
13) T n-Docosane (C22)	13.895	1643358	17.013 ug/ml
14) T n-Tetracosane (C24)	14.999	1616589	16.984 ug/ml
15) T n-Hexacosane (C26)	16.022	1597584	17.104 ug/ml
16) T n-Octacosane (C28)	16.971	1659942	18.130 ug/ml
17) T n-Tricontane (C30)	17.860	1829072	19.896 ug/ml
18) T n-Dotriacontane (C32)	18.694	1910548	20.828 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1837127	20.563 ug/ml
20) T n-Hexatriacontane (C36)	20.218	1817226	20.286 ug/ml
21) T n-Octatriacontane (C38)	20.993	1778264	20.113 ug/ml
22) T n-Tetracontane (C40)	21.968	1759385	19.924 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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