

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068927.D
 Signal(s) : FID1A.ch
 Acq On : 20 May 2025 08:53
 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 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e
 Quant Time: May 20 09:34:55 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)	11.707	2105319	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.140	1553911	19.369 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.442	1765210	17.550 ug/ml
2) T n-Decane (C10)	4.516	1831054	18.376 ug/ml
3) T A~Naphthalene (C11.7)	6.113	1952571	17.708 ug/ml
4) T n-Dodecane (C12)	6.540	1820237	18.731 ug/ml
5) T A~2-methylnaphthalene...	7.171	1917684	17.867 ug/ml
6) T n-Tetradecane (C14)	8.338	1775455	19.210 ug/ml
7) T n-Hexadecane (C16)	9.940	1763948	19.699 ug/ml
8) T n-Octadecane (C18)	11.383	1737694	19.810 ug/ml
10) T n-Eicosane (C20)	12.693	1688180	19.810 ug/ml
11) T n-Heneicosane (C21)	13.305	1660993	19.693 ug/ml
13) T n-Docosane (C22)	13.892	1653642	19.767 ug/ml
14) T n-Tetracosane (C24)	14.996	1656852	19.912 ug/ml
15) T n-Hexacosane (C26)	16.017	1659795	20.033 ug/ml
16) T n-Octacosane (C28)	16.969	1788034	21.635 ug/ml
17) T n-Tricontane (C30)	17.858	2072855	24.498 ug/ml
18) T n-Dotriacontane (C32)	18.691	2187229	25.393 ug/ml
19) T n-Tetratriacontane (C34)	19.474	2030284	23.830 ug/ml
20) T n-Hexatriacontane (C36)	20.215	1892338	22.017 ug/ml
21) T n-Octatriacontane (C38)	20.986	1783748	21.265 ug/ml
22) T n-Tetracontane (C40)	21.962	1724955	21.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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