

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081525AL\
 Data File : FC069675.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2025 15:10
 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

Integration File: autoint1.e
 Quant Time: Aug 18 01:20:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.660	2674422	17.927 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	13.096	1991426	18.266 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
Target Compounds			
1) T n-Nonane (C9)	3.394	2590057	18.179 ug/ml
2) T n-Decane (C10)	4.466	2643691	18.185 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2819642	18.172 ug/ml
4) T n-Dodecane (C12)	6.490	2643818	18.085 ug/ml
5) T A~2-methylnaphthalene...	7.120	2677427	18.180 ug/ml
6) T n-Tetradecane (C14)	8.289	2585035	18.114 ug/ml
7) T n-Hexadecane (C16)	9.893	2601079	18.043 ug/ml
8) T n-Octadecane (C18)	11.337	2538083	17.948 ug/ml
10) T n-Eicosane (C20)	12.649	2369967	17.991 ug/ml
11) T n-Heneicosane (C21)	13.262	2296466	18.005 ug/ml
13) T n-Docosane (C22)	13.850	2248078	17.996 ug/ml
14) T n-Tetracosane (C24)	14.953	2167826	17.965 ug/ml
15) T n-Hexacosane (C26)	15.977	2069034	17.906 ug/ml
16) T n-Octacosane (C28)	16.928	1983403	17.695 ug/ml
17) T n-Tricontane (C30)	17.816	1958055	17.101 ug/ml
18) T n-Dotriacontane (C32)	18.649	1878651	16.912 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1737639	17.065 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1546366	17.343 ug/ml
21) T n-Octatriacontane (C38)	20.940	1438237	17.879 ug/ml
22) T n-Tetracontane (C40)	21.900	1375663	18.371 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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