

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069643.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 18:50
 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 13 01:18:30 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)	11.664	2835709	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	13.099	2112306	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	3.397	2692747	18.900 ug/ml
2) T n-Decane (C10)	4.469	2779680	19.120 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2980715	19.210 ug/ml
4) T n-Dodecane (C12)	6.494	2808611	19.213 ug/ml
5) T A~2-methylnaphthalene...	7.123	2838197	19.272 ug/ml
6) T n-Tetradecane (C14)	8.293	2769550	19.407 ug/ml
7) T n-Hexadecane (C16)	9.897	2794857	19.387 ug/ml
8) T n-Octadecane (C18)	11.342	2730679	19.310 ug/ml
10) T n-Eicosane (C20)	12.653	2528826	19.197 ug/ml
11) T n-Heneicosane (C21)	13.266	2439725	19.129 ug/ml
13) T n-Docosane (C22)	13.853	2391211	19.142 ug/ml
14) T n-Tetracosane (C24)	14.958	2305022	19.102 ug/ml
15) T n-Hexacosane (C26)	15.980	2198643	19.028 ug/ml
16) T n-Octacosane (C28)	16.932	2132163	19.022 ug/ml
17) T n-Tricontane (C30)	17.822	2203740	19.247 ug/ml
18) T n-Dotriacontane (C32)	18.656	2189781	19.713 ug/ml
19) T n-Tetratriacontane (C34)	19.441	2017157	19.810 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1742280	19.540 ug/ml
21) T n-Octatriacontane (C38)	20.947	1568799	19.502 ug/ml
22) T n-Tetracontane (C40)	21.907	1470012	19.631 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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