

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100425AL\
 Data File : FC069927.D
 Signal(s) : FID1A.ch
 Acq On : 03 Oct 2025 14:08
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 04 03:11:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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)	11.645	3981621	21.258 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
12) S 1-chlorooctadecane (S...	13.080	3072981	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	3.385	3073882	23.979 ug/ml
2) T n-Decane (C10)	4.457	3308175	24.896 ug/ml
3) T A~Naphthalene (C11.7)	6.050	3701231	24.933 ug/ml
4) T n-Dodecane (C12)	6.479	3513695	25.188 ug/ml
5) T A~2-methylnaphthalene...	7.108	3675633	24.895 ug/ml
6) T n-Tetradecane (C14)	8.276	3635124	24.509 ug/ml
7) T n-Hexadecane (C16)	9.879	3823854	23.171 ug/ml
8) T n-Octadecane (C18)	11.323	3850531	21.605 ug/ml
10) T n-Eicosane (C20)	12.633	3610229	20.044 ug/ml
11) T n-Heneicosane (C21)	13.246	3492283	19.368 ug/ml
13) T n-Docosane (C22)	13.833	3436670	18.917 ug/ml
14) T n-Tetracosane (C24)	14.937	3355305	18.235 ug/ml
15) T n-Hexacosane (C26)	15.959	3189155	17.565 ug/ml
16) T n-Octacosane (C28)	16.910	3118434	17.665 ug/ml
17) T n-Tricontane (C30)	17.797	3312557	18.926 ug/ml
18) T n-Dotriacontane (C32)	18.630	3337976	20.632 ug/mlm
19) T n-Tetratriacontane (C34)	19.415	2987499	21.377 ug/ml
20) T n-Hexatriacontane (C36)	20.154	2434181	21.561 ug/ml
21) T n-Octatriacontane (C38)	20.912	2111364	21.887 ug/mlm
22) T n-Tetracontane (C40)	21.861	1916117	22.247 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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