

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080125AL\
 Data File : FC069571.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2025 20:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 23:06:59 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)	11.673	3096850	20.758 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
12) S 1-chlorooctadecane (S...	13.108	2327940	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.402	2830305	19.866 ug/ml
2) T n-Decane (C10)	4.475	2922991	20.106 ug/ml
3) T A~Naphthalene (C11.7)	6.072	3178583	20.485 ug/ml
4) T n-Dodecane (C12)	6.501	2952122	20.194 ug/ml
5) T A~2-methylnaphthalene...	7.132	3050603	20.714 ug/ml
6) T n-Tetradecane (C14)	8.301	2897735	20.305 ug/ml
7) T n-Hexadecane (C16)	9.905	2953484	20.488 ug/ml
8) T n-Octadecane (C18)	11.349	2909607	20.575 ug/ml
10) T n-Eicosane (C20)	12.662	2727655	20.707 ug/ml
11) T n-Heneicosane (C21)	13.275	2638587	20.688 ug/ml
13) T n-Docosane (C22)	13.862	2596699	20.787 ug/ml
14) T n-Tetracosane (C24)	14.967	2508553	20.788 ug/ml
15) T n-Hexacosane (C26)	15.989	2397691	20.750 ug/ml
16) T n-Octacosane (C28)	16.940	2323224	20.727 ug/ml
17) T n-Tricontane (C30)	17.831	2380338	20.790 ug/ml
18) T n-Dotriacontane (C32)	18.664	2336157	21.031 ug/ml
19) T n-Tetratriacontane (C34)	19.449	2186729	21.476 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1891810	21.217 ug/ml
21) T n-Octatriacontane (C38)	20.957	1722459	21.412 ug/ml
22) T n-Tetracontane (C40)	21.922	1720596	22.978 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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