

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102825AL\
 Data File : FC070069.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2025 20:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File: autoint1.e
 Quant Time: Oct 29 07:49:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.639	3639258	20.724 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	13.074	2878784	21.208 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T n-Nonane (C9)	3.379	2706831	19.712 ug/ml
2) T n-Decane (C10)	4.450	2917678	20.295 ug/ml
3) T A~Naphthalene (C11.7)	6.043	3228357	19.975 ug/ml
4) T n-Dodecane (C12)	6.472	3114720	20.321 ug/ml
5) T A~2-methylnaphthalene...	7.102	3184749	19.961 ug/ml
6) T n-Tetradecane (C14)	8.270	3243685	20.395 ug/ml
7) T n-Hexadecane (C16)	9.873	3460551	20.535 ug/ml
8) T n-Octadecane (C18)	11.317	3559020	20.919 ug/ml
10) T n-Eicosane (C20)	12.627	3405462	21.227 ug/ml
11) T n-Heneicosane (C21)	13.240	3309979	21.317 ug/ml
13) T n-Docosane (C22)	13.827	3296121	21.418 ug/ml
14) T n-Tetracosane (C24)	14.931	3254433	21.463 ug/ml
15) T n-Hexacosane (C26)	15.954	3120513	21.559 ug/ml
16) T n-Octacosane (C28)	16.905	3055023	22.089 ug/ml
17) T n-Tricontane (C30)	17.794	3269745	23.948 ug/ml
18) T n-Dotriacontane (C32)	18.627	3214076	24.928 ug/mlm
19) T n-Tetratriacontane (C34)	19.411	2846171	24.945 ug/mlm
20) T n-Hexatriacontane (C36)	20.152	2324139	24.032 ug/ml
21) T n-Octatriacontane (C38)	20.909	2029295	23.283 ug/ml
22) T n-Tetracontane (C40)	21.858	1823306	22.191 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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