

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102925AL\
 Data File : FC070079.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 18:19
 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 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: autoint1.e
 Quant Time: Oct 30 06:59:56 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)	11.643	3286790	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	13.078	2601284	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.383	2398041	17.463 ug/ml
2) T n-Decane (C10)	4.453	2601169	18.094 ug/ml
3) T A~Naphthalene (C11.7)	6.047	2913623	18.028 ug/ml
4) T n-Dodecane (C12)	6.474	2821944	18.411 ug/ml
5) T A~2-methylnaphthalene...	7.105	2903333	18.197 ug/ml
6) T n-Tetradecane (C14)	8.272	2978631	18.728 ug/ml
7) T n-Hexadecane (C16)	9.876	3193981	18.953 ug/ml
8) T n-Octadecane (C18)	11.320	3273080	19.239 ug/ml
10) T n-Eicosane (C20)	12.631	3106113	19.361 ug/ml
11) T n-Heneicosane (C21)	13.243	3000123	19.322 ug/ml
13) T n-Docosane (C22)	13.831	2964098	19.260 ug/ml
14) T n-Tetracosane (C24)	14.935	2882840	19.012 ug/ml
15) T n-Hexacosane (C26)	15.957	2693051	18.606 ug/ml
16) T n-Octacosane (C28)	16.908	2579437	18.651 ug/ml
17) T n-Tricontane (C30)	17.797	2715064	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.630	2691738	20.877 ug/ml
19) T n-Tetratriacontane (C34)	19.413	2399412	21.029 ug/mlm
20) T n-Hexatriacontane (C36)	20.155	1993418	20.612 ug/ml
21) T n-Octatriacontane (C38)	20.914	1868387	21.437 ug/ml
22) T n-Tetracontane (C40)	21.865	1656221	20.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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