

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055077.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 21:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File: sample.E
 Quant Time: Jul 30 00:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.089	2887190	19.505 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	13.526	2191333	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.425	2310040	19.027 ug/ml
2) T n-Decane (C10)	4.683	2372050	19.165 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2741417	19.261 ug/ml
4) T n-Dodecane (C12)	6.860	2443003	19.275 ug/ml
5) T A~2-methylnaphthalene...	7.505	2681663	19.407 ug/ml
6) T n-Tetradecane (C14)	8.697	2506511	19.089 ug/ml
7) T n-Hexadecane (C16)	10.312	2618404	19.465 ug/ml
8) T n-Octadecane (C18)	11.762	2646964	19.448 ug/ml
10) T n-Eicosane (C20)	13.077	2545310	19.559 ug/ml
11) T n-Heneicosane (C21)	13.691	2491364	19.591 ug/ml
13) T n-Docosane (C22)	14.280	2479659	19.650 ug/ml
14) T n-Tetracosane (C24)	15.386	2501839	19.963 ug/ml
15) T n-Hexacosane (C26)	16.410	2453799	19.862 ug/ml
16) T n-Octacosane (C28)	17.363	2452765	19.786 ug/ml
17) T n-Tricontane (C30)	18.254	2566256	19.583 ug/mlm
18) T n-Dotriacontane (C32)	19.087	2569696	19.709 ug/mlm
19) T n-Tetratriacontane (C34)	19.873	2434268	19.636 ug/mlm
20) T n-Hexatriacontane (C36)	20.614	2414258	21.016 ug/ml
21) T n-Octatriacontane (C38)	21.396	2464581	21.929 ug/mlm
22) T n-Tetracontane (C40)	22.391	2203152	19.980 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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