

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052725AL\
 Data File : FE054036.D
 Signal(s) : FID1B.ch
 Acq On : 27 May 2025 23:53
 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 05/28/2025
 Supervised By :mohammad ahmed 05/29/2025

Integration File: autoint1.e
 Quant Time: May 28 06:57:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.843	3241602	19.947 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	13.288	2395352	20.206 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	3.191	2458794	18.193 ug/ml
2) T n-Decane (C10)	4.454	2505326	18.540 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2754669	19.168 ug/ml
4) T n-Dodecane (C12)	6.635	2571813	18.854 ug/ml
5) T A~2-methylnaphthalene...	7.270	2670356	19.252 ug/mlm
6) T n-Tetradecane (C14)	8.470	2598255	19.254 ug/ml
7) T n-Hexadecane (C16)	10.082	2662073	19.729 ug/ml
8) T n-Octadecane (C18)	11.529	2663321	19.778 ug/ml
10) T n-Eicosane (C20)	12.842	2630482	20.015 ug/ml
11) T n-Heneicosane (C21)	13.455	2602732	20.076 ug/ml
13) T n-Docosane (C22)	14.044	2578523	20.212 ug/ml
14) T n-Tetracosane (C24)	15.149	2537711	20.283 ug/ml
15) T n-Hexacosane (C26)	16.172	2494435	20.371 ug/ml
16) T n-Octacosane (C28)	17.124	2491164	20.493 ug/ml
17) T n-Tricontane (C30)	18.013	2579685	20.710 ug/mlm
18) T n-Dotriacontane (C32)	18.847	2619534	20.947 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2529062	21.231 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2516081	21.730 ug/ml
21) T n-Octatriacontane (C38)	21.102	2441504	22.435 ug/ml
22) T n-Tetracontane (C40)	21.997	2385000	24.035 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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