

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054170.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 12:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 06:25:52 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)	11.836	3045163	18.738 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
12) S 1-chlorooctadecane (S...	13.281	2279852	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.184	2213663	16.379 ug/ml
2) T n-Decane (C10)	4.447	2221502	16.440 ug/ml
3) T A~Naphthalene (C11.7)	6.163	2448387	17.036 ug/ml
4) T n-Dodecane (C12)	6.628	2309357	16.930 ug/ml
5) T A~2-methylnaphthalene...	7.265	2441811	17.604 ug/ml
6) T n-Tetradecane (C14)	8.463	2357551	17.470 ug/ml
7) T n-Hexadecane (C16)	10.076	2439882	18.082 ug/ml
8) T n-Octadecane (C18)	11.523	2482891	18.438 ug/ml
10) T n-Eicosane (C20)	12.836	2466679	18.768 ug/ml
11) T n-Heneicosane (C21)	13.450	2457650	18.957 ug/ml
13) T n-Docosane (C22)	14.037	2432825	19.070 ug/ml
14) T n-Tetracosane (C24)	15.143	2397603	19.163 ug/ml
15) T n-Hexacosane (C26)	16.165	2336891	19.084 ug/ml
16) T n-Octacosane (C28)	17.117	2291936	18.854 ug/ml
17) T n-Tricontane (C30)	18.006	2344420	18.821 ug/mlm
18) T n-Dotriacontane (C32)	18.840	2364640	18.909 ug/ml
19) T n-Tetratriacontane (C34)	19.625	2298001	19.291 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2396169	20.695 ug/ml
21) T n-Octatriacontane (C38)	21.096	2405832	22.107 ug/ml
22) T n-Tetracontane (C40)	21.989	2368450	23.868 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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