

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054508.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 06:44
 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 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File: autoint1.e
 Quant Time: Jun 20 23:21:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.824	3474892	21.030 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
12) S 1-chlorooctadecane (S...	13.269	2583985	21.189 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
Target Compounds			
1) T n-Nonane (C9)	3.172	2599475	20.933 ug/ml
2) T n-Decane (C10)	4.434	2657612	21.389 ug/ml
3) T A~Naphthalene (C11.7)	6.150	2841715	21.028 ug/ml
4) T n-Dodecane (C12)	6.616	2721642	21.374 ug/ml
5) T A~2-methylnaphthalene...	7.252	2877712	21.726 ug/ml
6) T n-Tetradecane (C14)	8.452	2739053	21.157 ug/ml
7) T n-Hexadecane (C16)	10.064	2806603	21.128 ug/ml
8) T n-Octadecane (C18)	11.510	2851439	21.117 ug/ml
10) T n-Eicosane (C20)	12.823	2819089	21.073 ug/ml
11) T n-Heneicosane (C21)	13.437	2798978	21.050 ug/ml
13) T n-Docosane (C22)	14.024	2779904	21.201 ug/ml
14) T n-Tetracosane (C24)	15.129	2771324	21.484 ug/ml
15) T n-Hexacosane (C26)	16.152	2720648	21.674 ug/ml
16) T n-Octacosane (C28)	17.105	2756628	22.479 ug/ml
17) T n-Tricontane (C30)	17.993	2967354	23.941 ug/ml
18) T n-Dotriacontane (C32)	18.827	3012194	23.974 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	2948605	23.701 ug/ml
20) T n-Hexatriacontane (C36)	20.353	2867275	22.273 ug/mlm
21) T n-Octatriacontane (C38)	21.080	2819908	21.356 ug/mlm
22) T n-Tetracontane (C40)	21.969	2876358	21.353 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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