

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054516.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 11:54
 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 23:23:19 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)	11.822	2776162	16.801 ug/ml
Spiked Amount 50.000		Recovery =	33.60%
12) S 1-chlorooctadecane (S...	13.267	2082303	17.075 ug/ml
Spiked Amount 50.000		Recovery =	34.15%
Target Compounds			
1) T n-Nonane (C9)	3.170	2120518	17.076 ug/mlm
2) T n-Decane (C10)	4.434	2082765	16.762 ug/ml
3) T A~Naphthalene (C11.7)	6.150	2262690	16.743 ug/ml
4) T n-Dodecane (C12)	6.615	2144178	16.839 ug/ml
5) T A~2-methylnaphthalene...	7.252	2192247	16.551 ug/ml
6) T n-Tetradecane (C14)	8.450	2181192	16.848 ug/ml
7) T n-Hexadecane (C16)	10.063	2232261	16.804 ug/ml
8) T n-Octadecane (C18)	11.508	2279590	16.882 ug/ml
10) T n-Eicosane (C20)	12.821	2259154	16.887 ug/ml
11) T n-Heneicosane (C21)	13.435	2247328	16.901 ug/ml
13) T n-Docosane (C22)	14.022	2237752	17.066 ug/ml
14) T n-Tetracosane (C24)	15.127	2227747	17.270 ug/ml
15) T n-Hexacosane (C26)	16.150	2189375	17.441 ug/ml
16) T n-Octacosane (C28)	17.101	2232077	18.202 ug/ml
17) T n-Tricontane (C30)	17.991	2438867	19.677 ug/ml
18) T n-Dotriacontane (C32)	18.825	2556268	20.345 ug/ml
19) T n-Tetratriacontane (C34)	19.610	2419155	19.446 ug/ml
20) T n-Hexatriacontane (C36)	20.350	2472593	19.207 ug/mlm
21) T n-Octatriacontane (C38)	21.076	2422757	18.348 ug/mlm
22) T n-Tetracontane (C40)	21.963	2409548	17.887 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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