

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054556.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2025 00:04
 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 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File: autoint1.e
 Quant Time: Jun 24 03:10:51 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	3118022	18.870 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
12) S 1-chlorooctadecane (S...	13.269	2272691	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T n-Nonane (C9)	3.174	2355514	18.969 ug/ml
2) T n-Decane (C10)	4.436	2438688	19.627 ug/ml
3) T A~Naphthalene (C11.7)	6.151	2637068	19.513 ug/ml
4) T n-Dodecane (C12)	6.617	2544397	19.982 ug/ml
5) T A~2-methylnaphthalene...	7.254	2576623	19.453 ug/ml
6) T n-Tetradecane (C14)	8.452	2589059	19.998 ug/ml
7) T n-Hexadecane (C16)	10.065	2618520	19.712 ug/ml
8) T n-Octadecane (C18)	11.511	2632237	19.493 ug/ml
10) T n-Eicosane (C20)	12.824	2553338	19.087 ug/ml
11) T n-Heneicosane (C21)	13.437	2512071	18.892 ug/ml
13) T n-Docosane (C22)	14.024	2480027	18.914 ug/ml
14) T n-Tetracosane (C24)	15.129	2446346	18.965 ug/ml
15) T n-Hexacosane (C26)	16.153	2383328	18.986 ug/ml
16) T n-Octacosane (C28)	17.104	2471653	20.155 ug/ml
17) T n-Tricontane (C30)	17.994	2801194	22.601 ug/ml
18) T n-Dotriacontane (C32)	18.828	2938170	23.385 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2792109	22.443 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2729419	21.203 ug/ml
21) T n-Octatriacontane (C38)	21.081	2561000	19.395 ug/mlm
22) T n-Tetracontane (C40)	21.971	2476608	18.385 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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