

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012925AL\
 Data File : FE052137.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2025 01:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:05:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.191	2753473	19.265 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
12) S 1-chlorooctadecane (S...	13.605	2133477	18.598 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.673	2115299	19.841 ug/ml
2) T n-Decane (C10)	4.901	2221385	20.291 ug/ml
3) T A~Naphthalene (C11.7)	6.594	2520324	20.741 ug/ml
4) T n-Dodecane (C12)	7.028	2297741	20.358 ug/ml
5) T A~2-methylnaphthalene...	7.673	2474222	20.725 ug/ml
6) T n-Tetradecane (C14)	8.834	2333076	20.059 ug/ml
7) T n-Hexadecane (C16)	10.426	2465031	19.545 ug/ml
8) T n-Octadecane (C18)	11.858	2527526	19.104 ug/mlm
10) T n-Eicosane (C20)	13.160	2460260	18.767 ug/ml
11) T n-Heneicosane (C21)	13.768	2429340	18.664 ug/ml
13) T n-Docosane (C22)	14.351	2423998	18.471 ug/mlm
14) T n-Tetracosane (C24)	15.449	2426548	18.268 ug/ml
15) T n-Hexacosane (C26)	16.465	2384484	18.039 ug/ml
16) T n-Octacosane (C28)	17.410	2351094	17.813 ug/ml
17) T n-Tricontane (C30)	18.295	2405655	17.644 ug/ml
18) T n-Dotriacontane (C32)	19.124	2316307	17.674 ug/ml
19) T n-Tetratriacontane (C34)	19.906	2022672	17.966 ug/ml
20) T n-Hexatriacontane (C36)	20.643	1741977	18.340 ug/ml
21) T n-Octatriacontane (C38)	21.426	1652627	19.132 ug/mlm
22) T n-Tetracontane (C40)	22.419	1653431	20.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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