

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012325AL\
 Data File : FE052009.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jan 2025 07:29
 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 01/24/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e
 Quant Time: Jan 24 01:47:57 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)	12.205	2558801	17.903 ug/ml
Spiked Amount 50.000		Recovery =	35.81%
12) S 1-chlorooctadecane (S...	13.620	1987390	17.325 ug/ml
Spiked Amount 50.000		Recovery =	34.65%
Target Compounds			
1) T n-Nonane (C9)	3.686	1911877	17.933 ug/ml
2) T n-Decane (C10)	4.913	2039076	18.625 ug/ml
3) T A~Naphthalene (C11.7)	6.608	2318951	19.083 ug/ml
4) T n-Dodecane (C12)	7.040	2135068	18.917 ug/ml
5) T A~2-methylnaphthalene...	7.688	2290575	19.187 ug/ml
6) T n-Tetradecane (C14)	8.846	2194840	18.871 ug/ml
7) T n-Hexadecane (C16)	10.439	2327769	18.457 ug/ml
8) T n-Octadecane (C18)	11.872	2381227	17.998 ug/mlm
10) T n-Eicosane (C20)	13.174	2313486	17.647 ug/ml
11) T n-Heneicosane (C21)	13.782	2269766	17.438 ug/ml
13) T n-Docosane (C22)	14.365	2295970	17.495 ug/ml
14) T n-Tetracosane (C24)	15.463	2348462	17.680 ug/ml
15) T n-Hexacosane (C26)	16.480	2366588	17.903 ug/ml
16) T n-Octacosane (C28)	17.426	2405957	18.229 ug/ml
17) T n-Tricontane (C30)	18.312	2573882	18.878 ug/ml
18) T n-Dotriacontane (C32)	19.141	2502628	19.096 ug/ml
19) T n-Tetratriacontane (C34)	19.922	2110601	18.747 ug/mlm
20) T n-Hexatriacontane (C36)	20.660	1802412	18.976 ug/mlm
21) T n-Octatriacontane (C38)	21.448	1635014	18.928 ug/ml
22) T n-Tetracontane (C40)	22.450	1665963	20.215 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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