

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052310.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 10:00
 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 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 11 03:56:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.317	2486470	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.729	1929122	19.547 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.782	1858648	19.899 ug/ml
2) T n-Decane (C10)	5.010	1983899	20.659 ug/ml
3) T A~Naphthalene (C11.7)	6.714	2241163	20.970 ug/ml
4) T n-Dodecane (C12)	7.140	2069056	20.875 ug/mlm
5) T A~2-methylnaphthalene...	7.795	2211307	21.114 ug/ml
6) T n-Tetradecane (C14)	8.949	2099048	20.801 ug/ml
7) T n-Hexadecane (C16)	10.544	2221986	20.476 ug/ml
8) T n-Octadecane (C18)	11.979	2286303	20.126 ug/ml
10) T n-Eicosane (C20)	13.282	2233700	19.793 ug/ml
11) T n-Heneicosane (C21)	13.890	2208629	19.612 ug/ml
13) T n-Docosane (C22)	14.473	2209219	19.518 ug/mlm
14) T n-Tetracosane (C24)	15.571	2194637	19.087 ug/ml
15) T n-Hexacosane (C26)	16.588	2158483	18.821 ug/ml
16) T n-Octacosane (C28)	17.532	2122947	18.763 ug/mlm
17) T n-Tricontane (C30)	18.417	2169215	19.037 ug/ml
18) T n-Dotriacontane (C32)	19.246	2107137	19.327 ug/ml
19) T n-Tetratriacontane (C34)	20.026	1827774	19.266 ug/ml
20) T n-Hexatriacontane (C36)	20.763	1602942	19.399 ug/mlm
21) T n-Octatriacontane (C38)	21.581	1537334	20.693 ug/ml
22) T n-Tetracontane (C40)	22.624	1557228	20.887 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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