

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020625AL\
 Data File : FE052264.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2025 14:00
 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 02/07/2025
 Supervised By :Ankita Jodhani 02/07/2025

Integration File: autoint1.e
 Quant Time: Feb 07 05:21:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.314	2389210	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.725	1868063	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.778	1787520	19.138 ug/ml
2) T n-Decane (C10)	5.006	1887850	19.659 ug/ml
3) T A~Naphthalene (C11.7)	6.710	2133811	19.966 ug/ml
4) T n-Dodecane (C12)	7.136	1955559	19.730 ug/ml
5) T A~2-methylnaphthalene...	7.791	2092179	19.976 ug/ml
6) T n-Tetradecane (C14)	8.945	1992821	19.748 ug/ml
7) T n-Hexadecane (C16)	10.541	2116006	19.500 ug/ml
8) T n-Octadecane (C18)	11.975	2184473	19.229 ug/ml
10) T n-Eicosane (C20)	13.278	2146038	19.016 ug/ml
11) T n-Heneicosane (C21)	13.887	2128949	18.905 ug/ml
13) T n-Docosane (C22)	14.470	2128302	18.803 ug/mlm
14) T n-Tetracosane (C24)	15.569	2147212	18.675 ug/ml
15) T n-Hexacosane (C26)	16.585	2113906	18.433 ug/ml
16) T n-Octacosane (C28)	17.531	2095710	18.522 ug/ml
17) T n-Tricontane (C30)	18.415	2158980	18.947 ug/ml
18) T n-Dotriacontane (C32)	19.245	2095026	19.216 ug/ml
19) T n-Tetratriacontane (C34)	20.025	1805699	19.033 ug/ml
20) T n-Hexatriacontane (C36)	20.762	1543577	18.681 ug/ml
21) T n-Octatriacontane (C38)	21.578	1454220	19.575 ug/mlm
22) T n-Tetracontane (C40)	22.622	1574107	21.113 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

