

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052229.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 20:08
 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 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 00:53:00 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)	12.291	2424696	19.590 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.705	1893427	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.748	1865754	19.975 ug/ml
2) T n-Decane (C10)	4.978	1933137	20.130 ug/ml
3) T A~Naphthalene (C11.7)	6.682	2176571	20.366 ug/ml
4) T n-Dodecane (C12)	7.111	2002675	20.205 ug/ml
5) T A~2-methylnaphthalene...	7.765	2142200	20.454 ug/ml
6) T n-Tetradecane (C14)	8.922	2036205	20.178 ug/ml
7) T n-Hexadecane (C16)	10.518	2158781	19.894 ug/ml
8) T n-Octadecane (C18)	11.954	2221277	19.553 ug/ml
10) T n-Eicosane (C20)	13.258	2173903	19.263 ug/ml
11) T n-Heneicosane (C21)	13.868	2158716	19.169 ug/ml
13) T n-Docosane (C22)	14.451	2151579	19.009 ug/ml
14) T n-Tetracosane (C24)	15.550	2145510	18.660 ug/ml
15) T n-Hexacosane (C26)	16.567	2103055	18.338 ug/ml
16) T n-Octacosane (C28)	17.514	2044508	18.070 ug/ml
17) T n-Tricontane (C30)	18.399	2045237	17.949 ug/ml
18) T n-Dotriacontane (C32)	19.229	2005493	18.395 ug/ml
19) T n-Tetratriacontane (C34)	20.008	1750364	18.450 ug/ml
20) T n-Hexatriacontane (C36)	20.746	1625104	19.668 ug/ml
21) T n-Octatriacontane (C38)	21.556	1510481	20.332 ug/mlm
22) T n-Tetracontane (C40)	22.596	1653301	22.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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