

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051978.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 21:18
 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 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E
 Quant Time: Jan 21 06:50:26 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)	12.223	2786576	19.497 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	13.641	2159279	18.823 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
Target Compounds			
1) T n-Nonane (C9)	3.664	2149153	20.159 ug/ml
2) T n-Decane (C10)	4.899	2287774	20.897 ug/ml
3) T A~Naphthalene (C11.7)	6.604	2588342	21.300 ug/ml
4) T n-Dodecane (C12)	7.039	2393711	21.209 ug/ml
5) T A~2-methylnaphthalene...	7.689	2553272	21.387 ug/ml
6) T n-Tetradecane (C14)	8.855	2444199	21.015 ug/ml
7) T n-Hexadecane (C16)	10.453	2562053	20.314 ug/ml
8) T n-Octadecane (C18)	11.890	2599968	19.651 ug/ml
10) T n-Eicosane (C20)	13.195	2511411	19.157 ug/ml
11) T n-Heneicosane (C21)	13.804	2461873	18.914 ug/ml
13) T n-Docosane (C22)	14.388	2470446	18.824 ug/ml
14) T n-Tetracosane (C24)	15.487	2492601	18.765 ug/ml
15) T n-Hexacosane (C26)	16.503	2473501	18.712 ug/ml
16) T n-Octacosane (C28)	17.449	2485362	18.831 ug/ml
17) T n-Tricontane (C30)	18.335	2651510	19.448 ug/ml
18) T n-Dotriacontane (C32)	19.164	2562890	19.556 ug/mlm
19) T n-Tetratriacontane (C34)	19.944	2231791	19.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.682	1922714	20.243 ug/mlm
21) T n-Octatriacontane (C38)	21.481	1702123	19.705 ug/mlm
22) T n-Tetracontane (C40)	22.503	1930195	23.422 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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