

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051766.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 14:59
 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 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 27 01:15:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 2024
 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)	12.028	3149226	19.616 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
12) S 1-chlorooctadecane (S...	13.451	2433029	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.489	2382428	19.883 ug/ml
2) T n-Decane (C10)	4.723	2482517	19.967 ug/ml
3) T A~Naphthalene (C11.7)	6.413	2876127	20.183 ug/ml
4) T n-Dodecane (C12)	6.862	2599627	19.979 ug/ml
5) T A~2-methylnaphthalene...	7.497	2842571	20.086 ug/ml
6) T n-Tetradecane (C14)	8.675	2674693	19.948 ug/ml
7) T n-Hexadecane (C16)	10.271	2838343	19.861 ug/ml
8) T n-Octadecane (C18)	11.706	2922091	19.822 ug/ml
10) T n-Eicosane (C20)	13.008	2827670	19.655 ug/ml
11) T n-Heneicosane (C21)	13.616	2779162	19.557 ug/ml
13) T n-Docosane (C22)	14.199	2763617	19.603 ug/ml
14) T n-Tetracosane (C24)	15.295	2752122	19.725 ug/ml
15) T n-Hexacosane (C26)	16.309	2667923	19.801 ug/ml
16) T n-Octacosane (C28)	17.252	2634614	20.252 ug/ml
17) T n-Tricontane (C30)	18.134	2673048	20.198 ug/ml
18) T n-Dotriacontane (C32)	18.963	2583375	20.607 ug/ml
19) T n-Tetratriacontane (C34)	19.739	2271953	20.650 ug/mlm
20) T n-Hexatriacontane (C36)	20.475	1991310	20.740 ug/mlm
21) T n-Octatriacontane (C38)	21.218	1847934	20.522 ug/ml
22) T n-Tetracontane (C40)	22.150	1747232	17.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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