

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121324AL\
 Data File : FE051656.D
 Signal(s) : FID1B.ch
 Acq On : 13 Dec 2024 17:34
 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 12/16/2024
 Supervised By :Ankita Jodhani 12/16/2024

Integration File: autoint1.e
 Quant Time: Dec 14 01:09:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121224.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 12 15:49:08 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)	11.997	3015419	19.506 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	13.415	2361857	19.027 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.484	2149556	18.478 ug/ml
2) T n-Decane (C10)	4.715	2277607	19.071 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2612537	19.385 ug/ml
4) T n-Dodecane (C12)	6.847	2398010	19.520 ug/ml
5) T A~2-methylnaphthalene...	7.480	2613925	19.715 ug/ml
6) T n-Tetradecane (C14)	8.655	2480252	19.766 ug/ml
7) T n-Hexadecane (C16)	10.247	2658037	19.776 ug/ml
8) T n-Octadecane (C18)	11.676	2754559	19.505 ug/ml
10) T n-Eicosane (C20)	12.973	2705944	19.192 ug/ml
11) T n-Heneicosane (C21)	13.580	2696324	18.991 ug/ml
13) T n-Docosane (C22)	14.160	2669777	18.762 ug/mlm
14) T n-Tetracosane (C24)	15.254	2682781	18.362 ug/ml
15) T n-Hexacosane (C26)	16.264	2597244	17.848 ug/ml
16) T n-Octacosane (C28)	17.205	2585838	17.713 ug/ml
17) T n-Tricontane (C30)	18.085	2737991	17.958 ug/ml
18) T n-Dotriacontane (C32)	18.911	2812591	18.765 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2423950	18.467 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2183575	18.830 ug/ml
21) T n-Octatriacontane (C38)	21.152	2456250	23.855 ug/ml
22) T n-Tetracontane (C40)	22.061	2114671	21.118 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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