

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049808.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 07:58
 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 08/28/2024
 Supervised By :Ankita Jodhani 08/28/2024

Integration File: autoint1.e
 Quant Time: Aug 28 08:34:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.882	2967988	18.354 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	13.316	2269185	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.269	2553648	16.501 ug/ml
2) T n-Decane (C10)	4.520	2612097	16.544 ug/ml
3) T A~Naphthalene (C11.7)	6.228	2836036	17.675 ug/ml
4) T n-Dodecane (C12)	6.687	2805091	17.843 ug/ml
5) T A~2-methylnaphthalene...	7.324	2713554	18.120 ug/ml
6) T n-Tetradecane (C14)	8.515	2754190	17.840 ug/ml
7) T n-Hexadecane (C16)	10.121	2863693	18.336 ug/ml
8) T n-Octadecane (C18)	11.563	2886703	18.380 ug/ml
10) T n-Eicosane (C20)	12.872	2761415	18.495 ug/ml
11) T n-Heneicosane (C21)	13.483	2706617	18.450 ug/ml
13) T n-Docosane (C22)	14.069	2685818	18.427 ug/ml
14) T n-Tetracosane (C24)	15.171	2708307	18.618 ug/ml
15) T n-Hexacosane (C26)	16.190	2682049	18.583 ug/ml
16) T n-Octacosane (C28)	17.139	2812379	19.525 ug/ml
17) T n-Tricontane (C30)	18.026	3145290	21.010 ug/ml
18) T n-Dotriacontane (C32)	18.857	3312329	21.895 ug/ml
19) T n-Tetratriacontane (C34)	19.640	3247439	21.242 ug/ml
20) T n-Hexatriacontane (C36)	20.380	3057857	20.137 ug/ml
21) T n-Octatriacontane (C38)	21.106	3004678	19.144 ug/ml
22) T n-Tetracontane (C40)	21.999	2919589	19.122 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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