

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082724AL\
 Data File : FE049771.D
 Signal(s) : FID1B.ch
 Acq On : 27 Aug 2024 08:11
 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
 08/28/2024
 Supervised By :Ankita
 Jodhani
 08/28/2024

Integration File: autoint1.e
 Quant Time: Aug 28 01:29:09 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)	11.888	3054848	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.323	2337046	19.155 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.275	2794978	18.061 ug/ml
2) T n-Decane (C10)	4.526	2881383	18.249 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2973869	18.534 ug/ml
4) T n-Dodecane (C12)	6.693	2909675	18.508 ug/ml
5) T A~2-methylnaphthalene...	7.330	2828426	18.887 ug/ml
6) T n-Tetradecane (C14)	8.521	2863891	18.551 ug/ml
7) T n-Hexadecane (C16)	10.127	2935321	18.794 ug/ml
8) T n-Octadecane (C18)	11.570	2957903	18.834 ug/ml
10) T n-Eicosane (C20)	12.878	2837206	19.003 ug/ml
11) T n-Heneicosane (C21)	13.490	2787720	19.003 ug/ml
13) T n-Docosane (C22)	14.075	2758369	18.925 ug/ml
14) T n-Tetracosane (C24)	15.177	2768690	19.033 ug/ml
15) T n-Hexacosane (C26)	16.197	2729150	18.910 ug/ml
16) T n-Octacosane (C28)	17.146	2786001	19.342 ug/ml
17) T n-Tricontane (C30)	18.032	3035141	20.274 ug/ml
18) T n-Dotriacontane (C32)	18.864	3108855	20.550 ug/ml
19) T n-Tetratriacontane (C34)	19.647	3102854	20.296 ug/ml
20) T n-Hexatriacontane (C36)	20.386	3090579	20.352 ug/ml
21) T n-Octatriacontane (C38)	21.115	3067614	19.545 ug/ml
22) T n-Tetracontane (C40)	22.010	2992233	19.598 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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