

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F120924AL\
 Data File : FC067958.D
 Signal(s) : FID1A.ch
 Acq On : 10 Dec 2024 02:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File: autoint1.e
 Quant Time: Dec 10 04:43:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.471	3782644	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	12.910	2811303	19.367 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.252	3255574	19.959 ug/ml
2) T n-Decane (C10)	4.314	3391823	20.453 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3743552	20.439 ug/ml
4) T n-Dodecane (C12)	6.329	3481152	20.668 ug/ml
5) T A~2-methylnaphthalene...	6.945	3656014	20.614 ug/ml
6) T n-Tetradecane (C14)	8.122	3474114	20.744 ug/ml
7) T n-Hexadecane (C16)	9.721	3551635	20.494 ug/ml
8) T n-Octadecane (C18)	11.161	3535187	20.093 ug/ml
10) T n-Eicosane (C20)	12.468	3313398	19.677 ug/ml
11) T n-Heneicosane (C21)	13.079	3214535	19.537 ug/ml
13) T n-Docosane (C22)	13.665	3156345	19.382 ug/ml
14) T n-Tetracosane (C24)	14.766	3064899	19.110 ug/ml
15) T n-Hexacosane (C26)	15.786	2958875	19.107 ug/ml
16) T n-Octacosane (C28)	16.734	2916501	19.312 ug/ml
17) T n-Tricontane (C30)	17.620	3006264	19.635 ug/ml
18) T n-Dotriacontane (C32)	18.451	2916281	19.746 ug/ml
19) T n-Tetratriacontane (C34)	19.233	2534853	20.097 ug/ml
20) T n-Hexatriacontane (C36)	19.972	2179211	20.836 ug/ml
21) T n-Octatriacontane (C38)	20.691	2025497	20.735 ug/mlm
22) T n-Tetracontane (C40)	21.569	1944705	19.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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