

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F101424AL\
 Data File : FC067440.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 22:48
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 04:33:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.500	3122180	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.938	2334661	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.276	2838383	22.392 ug/ml
2) T n-Decane (C10)	4.341	2906331	22.610 ug/ml
3) T A~Naphthalene (C11.7)	5.919	3171054	22.354 ug/ml
4) T n-Dodecane (C12)	6.357	2918729	22.493 ug/ml
5) T A~2-methylnaphthalene...	6.975	3046287	22.205 ug/ml
6) T n-Tetradecane (C14)	8.149	2838864	22.041 ug/ml
7) T n-Hexadecane (C16)	9.748	2862906	21.507 ug/ml
8) T n-Octadecane (C18)	11.188	2868025	21.150 ug/ml
10) T n-Eicosane (C20)	12.495	2722644	20.852 ug/ml
11) T n-Heneicosane (C21)	13.107	2663475	20.767 ug/ml
13) T n-Docosane (C22)	13.693	2644491	20.711 ug/ml
14) T n-Tetracosane (C24)	14.794	2620666	20.491 ug/ml
15) T n-Hexacosane (C26)	15.812	2579895	20.461 ug/ml
16) T n-Octacosane (C28)	16.761	2572412	20.476 ug/ml
17) T n-Tricontane (C30)	17.648	2670268	20.728 ug/ml
18) T n-Dotriacontane (C32)	18.479	2640757	21.138 ug/mlm
19) T n-Tetratriacontane (C34)	19.263	2344031	21.450 ug/ml
20) T n-Hexatriacontane (C36)	20.002	2046433	21.651 ug/ml
21) T n-Octatriacontane (C38)	20.727	1909033	21.768 ug/ml
22) T n-Tetracontane (C40)	21.614	1877877	21.824 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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