

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071124AL\
 Data File : FC066772.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jul 2024 01:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2024
 Supervised By :Ankita Jodhani 07/12/2024

Integration File: autoint1.e
 Quant Time: Jul 12 04:37:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.526	3034175	17.591 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	12.963	2295854	16.639 ug/mlm
Spiked Amount 50.000		Recovery =	33.28%
Target Compounds			
1) T n-Nonane (C9)	3.290	2765244	19.032 ug/ml
2) T n-Decane (C10)	4.356	2909938	19.509 ug/ml
3) T A~Naphthalene (C11.7)	5.938	3142797	19.357 ug/ml
4) T n-Dodecane (C12)	6.375	2920563	19.270 ug/ml
5) T A~2-methylnaphthalene...	6.994	3021467	19.019 ug/ml
6) T n-Tetradecane (C14)	8.169	2857478	18.838 ug/ml
7) T n-Hexadecane (C16)	9.770	2956641	18.457 ug/ml
8) T n-Octadecane (C18)	11.211	2911451	17.547 ug/mlm
10) T n-Eicosane (C20)	12.521	2768401	17.029 ug/ml
11) T n-Heneicosane (C21)	13.132	2699574	16.755 ug/ml
13) T n-Docosane (C22)	13.718	2692500	16.794 ug/ml
14) T n-Tetracosane (C24)	14.821	2697931	16.999 ug/ml
15) T n-Hexacosane (C26)	15.841	2735863	17.917 ug/ml
16) T n-Octacosane (C28)	16.790	2764057	19.162 ug/mlm
17) T n-Tricontane (C30)	17.678	3113428	22.284 ug/ml
18) T n-Dotriacontane (C32)	18.511	3111857	23.580 ug/ml
19) T n-Tetratriacontane (C34)	19.293	2927977	23.675 ug/mlm
20) T n-Hexatriacontane (C36)	20.034	3102076	25.739 ug/mlm
21) T n-Octatriacontane (C38)	20.762	2602827	22.762 ug/mlm
22) T n-Tetracontane (C40)	21.660	2501990	22.277 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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