

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092524AL\
 Data File : FC067268.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2024 20:58
 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 09/26/2024
 Supervised By :Ankita Jodhani 09/26/2024

Integration File: autoint1.e
 Quant Time: Sep 26 05:28:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.499	2481566	17.822 ug/ml
Spiked Amount 50.000		Recovery =	35.64%
12) S 1-chlorooctadecane (S...	12.938	1816824	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.276	2326344	17.538 ug/ml
2) T n-Decane (C10)	4.340	2442467	18.186 ug/ml
3) T A~Naphthalene (C11.7)	5.918	2557933	17.998 ug/ml
4) T n-Dodecane (C12)	6.356	2438555	18.218 ug/ml
5) T A~2-methylnaphthalene...	6.973	2420898	18.129 ug/ml
6) T n-Tetradecane (C14)	8.149	2366247	18.361 ug/ml
7) T n-Hexadecane (C16)	9.748	2388672	18.527 ug/ml
8) T n-Octadecane (C18)	11.188	2378448	18.590 ug/ml
10) T n-Eicosane (C20)	12.496	2239483	18.645 ug/ml
11) T n-Heneicosane (C21)	13.107	2177494	18.644 ug/ml
13) T n-Docosane (C22)	13.693	2160194	18.709 ug/ml
14) T n-Tetracosane (C24)	14.794	2167557	19.087 ug/ml
15) T n-Hexacosane (C26)	15.813	2133419	19.250 ug/ml
16) T n-Octacosane (C28)	16.762	2200528	20.372 ug/ml
17) T n-Tricontane (C30)	17.648	2400810	22.072 ug/ml
18) T n-Dotriacontane (C32)	18.478	2452961	23.517 ug/mlm
19) T n-Tetratriacontane (C34)	19.263	2266953	24.572 ug/ml
20) T n-Hexatriacontane (C36)	20.000	2012346	25.393 ug/ml
21) T n-Octatriacontane (C38)	20.724	1875083	24.963 ug/ml
22) T n-Tetracontane (C40)	21.612	1712863	24.517 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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