

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102524AL\
 Data File : FC067531.D
 Signal(s) : FID1A.ch
 Acq On : 25 Oct 2024 19:54
 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 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 00:48:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 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)	11.495	2935297	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.933	2180225	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.273	2697926	20.026 ug/ml
2) T n-Decane (C10)	4.338	2743988	20.140 ug/ml
3) T A~Naphthalene (C11.7)	5.916	2986889	20.156 ug/ml
4) T n-Dodecane (C12)	6.353	2746715	20.280 ug/ml
5) T A~2-methylnaphthalene...	6.971	2845299	20.148 ug/ml
6) T n-Tetradecane (C14)	8.146	2669027	20.334 ug/ml
7) T n-Hexadecane (C16)	9.744	2691058	20.371 ug/ml
8) T n-Octadecane (C18)	11.184	2693665	20.389 ug/ml
10) T n-Eicosane (C20)	12.491	2559406	20.284 ug/ml
11) T n-Heneicosane (C21)	13.102	2500268	20.259 ug/ml
13) T n-Docosane (C22)	13.687	2479994	20.253 ug/ml
14) T n-Tetracosane (C24)	14.789	2458970	20.287 ug/ml
15) T n-Hexacosane (C26)	15.808	2429935	20.410 ug/ml
16) T n-Octacosane (C28)	16.756	2430244	20.657 ug/ml
17) T n-Tricontane (C30)	17.643	2568029	21.246 ug/ml
18) T n-Dotriacontane (C32)	18.472	2552781	21.575 ug/mlm
19) T n-Tetratriacontane (C34)	19.256	2274941	21.722 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1939954	21.312 ug/mlm
21) T n-Octatriacontane (C38)	20.717	1969734	22.745 ug/ml
22) T n-Tetracontane (C40)	21.602	1784612	20.993 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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