

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067666.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 22:09
 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 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 01:07:49 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)	11.491	2974319	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	12.929	2234180	20.689 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
Target Compounds			
1) T n-Nonane (C9)	3.271	2763672	20.514 ug/ml
2) T n-Decane (C10)	4.335	2812074	20.640 ug/ml
3) T A~Naphthalene (C11.7)	5.913	3056372	20.625 ug/ml
4) T n-Dodecane (C12)	6.350	2801824	20.686 ug/ml
5) T A~2-methylnaphthalene...	6.968	2927765	20.732 ug/ml
6) T n-Tetradecane (C14)	8.142	2728142	20.784 ug/ml
7) T n-Hexadecane (C16)	9.740	2752720	20.838 ug/ml
8) T n-Octadecane (C18)	11.180	2743032	20.763 ug/ml
10) T n-Eicosane (C20)	12.487	2600353	20.609 ug/ml
11) T n-Heneicosane (C21)	13.098	2545253	20.624 ug/ml
13) T n-Docosane (C22)	13.683	2523166	20.606 ug/ml
14) T n-Tetracosane (C24)	14.784	2497861	20.608 ug/ml
15) T n-Hexacosane (C26)	15.804	2455745	20.627 ug/ml
16) T n-Octacosane (C28)	16.752	2424021	20.604 ug/ml
17) T n-Tricontane (C30)	17.637	2475521	20.481 ug/ml
18) T n-Dotriacontane (C32)	18.469	2415091	20.411 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2167698	20.698 ug/ml
20) T n-Hexatriacontane (C36)	19.990	1895534	20.824 ug/mlm
21) T n-Octatriacontane (C38)	20.712	1822443	21.044 ug/ml
22) T n-Tetracontane (C40)	21.594	1757565	20.675 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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