

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100324AL\
 Data File : FE050487.D
 Signal(s) : FID1B.ch
 Acq On : 03 Oct 2024 07:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File: autoint1.e
 Quant Time: Oct 04 03:14:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.863	2617635	17.594 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
12) S 1-chlorooctadecane (S...	13.296	1987975	17.698 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
Target Compounds			
1) T n-Nonane (C9)	3.253	2329314	17.185 ug/ml
2) T n-Decane (C10)	4.503	2428525	17.597 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2456043	17.547 ug/ml
4) T n-Dodecane (C12)	6.670	2443401	17.670 ug/ml
5) T A~2-methylnaphthalene...	7.309	2293618	17.450 ug/ml
6) T n-Tetradecane (C14)	8.497	2413829	17.726 ug/ml
7) T n-Hexadecane (C16)	10.102	2519517	18.139 ug/ml
8) T n-Octadecane (C18)	11.543	2564410	18.304 ug/ml
10) T n-Eicosane (C20)	12.850	2448724	18.254 ug/ml
11) T n-Heneicosane (C21)	13.462	2404749	18.301 ug/ml
13) T n-Docosane (C22)	14.047	2404408	18.465 ug/ml
14) T n-Tetracosane (C24)	15.148	2457178	18.816 ug/ml
15) T n-Hexacosane (C26)	16.167	2444519	19.107 ug/ml
16) T n-Octacosane (C28)	17.116	2594101	20.139 ug/ml
17) T n-Tricontane (C30)	18.002	2893400	21.638 ug/ml
18) T n-Dotriacontane (C32)	18.833	3045996	22.858 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2944644	23.831 ug/ml
20) T n-Hexatriacontane (C36)	20.356	2748757	24.775 ug/ml
21) T n-Octatriacontane (C38)	21.079	2631486	23.862 ug/ml
22) T n-Tetracontane (C40)	21.963	2294631	21.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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