

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082824AL\
 Data File : FE049811.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 09:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e
 Quant Time: Aug 29 01:37:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.881	2964913	18.335 ug/ml
Spiked Amount 50.000		Recovery =	36.67%
12) S 1-chlorooctadecane (S...	13.316	2270345	18.608 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.271	2533188	16.369 ug/ml
2) T n-Decane (C10)	4.521	2748472	17.407 ug/mlm
3) T A~Naphthalene (C11.7)	6.229	2837440	17.684 ug/ml
4) T n-Dodecane (C12)	6.688	2802058	17.824 ug/ml
5) T A~2-methylnaphthalene...	7.324	2692589	17.980 ug/ml
6) T n-Tetradecane (C14)	8.515	2776568	17.985 ug/ml
7) T n-Hexadecane (C16)	10.121	2855429	18.283 ug/ml
8) T n-Octadecane (C18)	11.563	2880797	18.343 ug/ml
10) T n-Eicosane (C20)	12.871	2758289	18.474 ug/ml
11) T n-Heneicosane (C21)	13.482	2707771	18.458 ug/ml
13) T n-Docosane (C22)	14.067	2684249	18.417 ug/ml
14) T n-Tetracosane (C24)	15.169	2710473	18.633 ug/ml
15) T n-Hexacosane (C26)	16.189	2681435	18.579 ug/ml
16) T n-Octacosane (C28)	17.138	2811883	19.522 ug/ml
17) T n-Tricontane (C30)	18.024	3159426	21.105 ug/ml
18) T n-Dotriacontane (C32)	18.856	3340260	22.080 ug/ml
19) T n-Tetratriacontane (C34)	19.639	3286815	21.499 ug/ml
20) T n-Hexatriacontane (C36)	20.378	3097614	20.399 ug/ml
21) T n-Octatriacontane (C38)	21.105	3011838	19.189 ug/ml
22) T n-Tetracontane (C40)	21.999	2909506	19.056 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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