

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020524AL\  
 Data File : FE046566.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Feb 2024 09:58  
 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 :Ankita Jodhani 02/06/2024  
 Supervised By :Sohil Jodhani 02/06/2024

Integration File: autoint1.e  
 Quant Time: Feb 05 11:23:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.825	3306885	17.884 ug/ml
Spiked Amount	50.000	Recovery	= 35.77%
12) S 1-chlorooctadecane (S...	13.268	2493848	17.528 ug/ml
Spiked Amount	50.000	Recovery	= 35.06%
Target Compounds			
1) T n-Nonane (C9)	3.207	3130211	19.379 ug/ml
2) T n-Decane (C10)	4.458	3194622	19.493 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3318474	19.406 ug/ml
4) T n-Dodecane (C12)	6.626	3217489	19.451 ug/ml
5) T A~2-methylnaphthalene...	7.261	3158132	19.801 ug/ml
6) T n-Tetradecane (C14)	8.453	3159744	19.279 ug/ml
7) T n-Hexadecane (C16)	10.064	3211004	18.791 ug/ml
8) T n-Octadecane (C18)	11.509	3191345	18.305 ug/ml
10) T n-Eicosane (C20)	12.820	3028401	17.837 ug/ml
11) T n-Heneicosane (C21)	13.434	2950144	17.688 ug/ml
13) T n-Docosane (C22)	14.020	2911257	17.573 ug/ml
14) T n-Tetracosane (C24)	15.126	2843063	17.230 ug/ml
15) T n-Hexacosane (C26)	16.151	2778246	17.213 ug/ml
16) T n-Octacosane (C28)	17.104	2710142	17.264 ug/ml
17) T n-Tricontane (C30)	17.993	2763287	17.642 ug/ml
18) T n-Dotriacontane (C32)	18.828	2697009	17.842 ug/ml
19) T n-Tetratriacontane (C34)	19.614	2601196	18.340 ug/ml
20) T n-Hexatriacontane (C36)	20.359	2379505	17.263 ug/ml
21) T n-Octatriacontane (C38)	21.087	2881015	22.474 ug/ml
22) T n-Tetracontane (C40)	21.979	2511826	20.089 ug/ml
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(f)=RT Delta > 1/2 Window

(m)=manual int.

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