

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071922AL\  
 Data File : FE036586.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jul 2022 18:54  
 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 07/20/2022  
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e  
 Quant Time: Jul 20 02:55:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 18 02:35:21 2022  
 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)	11.853	3870503	20.781 ug/ml
Spiked Amount	50.000	Recovery	= 41.56%
12) S 1-chlorooctadecane (S...	13.292	3101834	20.387 ug/ml
Spiked Amount	50.000	Recovery	= 40.77%
Target Compounds			
1) T n-Nonane (C9)	3.240	3427916	22.236 ug/ml
2) T n-Decane (C10)	4.495	3458886	22.439 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3848255	22.519 ug/ml
4) T n-Dodecane (C12)	6.664	3527166	22.458 ug/ml
5) T A~2-methylnaphthalene...	7.292	3860236	22.460 ug/ml
6) T n-Tetradecane (C14)	8.491	3610879	22.118 ug/ml
7) T n-Hexadecane (C16)	10.098	3595022	21.811 ug/ml
8) T n-Octadecane (C18)	11.540	3619172	21.296 ug/ml
10) T n-Eicosane (C20)	12.849	3519229	20.689 ug/ml
11) T n-Heneicosane (C21)	13.462	3495461	20.423 ug/ml
13) T n-Docosane (C22)	14.048	3424070	20.055 ug/ml
14) T n-Tetracosane (C24)	15.151	3316905	19.458 ug/ml
15) T n-Hexacosane (C26)	16.172	3182121	19.033 ug/ml
16) T n-Octacosane (C28)	17.121	3076334	18.835 ug/ml
17) T n-Tricontane (C30)	18.010	2885268	18.987 ug/ml
18) T n-Dotriacontane (C32)	18.843	2331753	19.388 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1669096	20.043 ug/ml
20) T n-Hexatriacontane (C36)	20.367	1245233	21.207 ug/mlm
21) T n-Octatriacontane (C38)	21.092	1078736	21.515 ug/mlm
22) T n-Tetracontane (C40)	21.979	1093629	21.177 ug/ml
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(f)=RT Delta > 1/2 Window

(m)=manual int.

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