

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC021725AL\  
 Data File : FC068277.D  
 Signal(s) : FID1A.ch  
 Acq On : 17 Feb 2025 16:07  
 Operator : YP/AJ  
 Sample : Q1374-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**  
 FID\_C  
**ClientSampleId :**  
 TR-05-02142025MS

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 02/18/2025  
 Supervised By :Ankita Jodhani 02/18/2025

Integration File: autoint1.e  
 Quant Time: Feb 18 02:05:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:52:40 2025  
 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)	11.404	4577278	29.291 ug/ml
Spiked Amount	50.000	Recovery =	58.58%
12) S 1-chlorooctadecane (S...	12.846	3242449	28.194 ug/ml
Spiked Amount	50.000	Recovery =	56.39%
Target Compounds			
1) T n-Nonane (C9)	3.209	4076301	29.768 ug/mlm
2) T n-Decane (C10)	4.267	4804360	34.605 ug/ml
3) T A~Naphthalene (C11.7)	5.834	5766539	38.411 ug/mlm
4) T n-Dodecane (C12)	6.277	6342348	45.400 ug/ml
5) T A~2-methylnaphthalene...	6.888	6226717	43.352 ug/mlm
6) T n-Tetradecane (C14)	8.069	7340734	53.787 ug/mlm
7) T n-Hexadecane (C16)	9.664	8638751	62.172 ug/ml
8) T n-Octadecane (C18)	11.102	7829723	55.960 ug/mlm
10) T n-Eicosane (C20)	12.407	7262832	54.281 ug/ml
11) T n-Heneicosane (C21)	13.017	6365711	48.467 ug/ml
13) T n-Docosane (C22)	13.602	5777643	44.603 ug/ml
14) T n-Tetracosane (C24)	14.662	10665229	83.071 ug/mlm
15) T n-Hexacosane (C26)	15.723	4873283	38.727 ug/mlm
16) T n-Octacosane (C28)	16.669	4919380	39.332 ug/ml
17) T n-Tricontane (C30)	17.558	4901811	37.924 ug/ml
18) T n-Dotriacontane (C32)	18.389	4835136	38.677 ug/ml
19) T n-Tetratriacontane (C34)	19.172	4762826	43.907 ug/mlm
20) T n-Hexatriacontane (C36)	19.911	4484682	48.460 ug/ml
21) T n-Octatriacontane (C38)	20.625	4427911	51.675 ug/mlm
22) T n-Tetracontane (C40)	21.483	4499007	55.640 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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