

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069439.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 19:26
 Operator : YP/AJ
 Sample : Q2586-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-16MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 15 01:50:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.669	3985994	23.073 ug/ml
Spiked Amount 50.000		Recovery =	46.15%
12) S 1-chlorooctadecane (S...	13.105	3307205	25.315 ug/ml
Spiked Amount 50.000		Recovery =	50.63%
Target Compounds			
1) T n-Nonane (C9)	3.405	4847820	34.087 ug/ml
2) T n-Decane (C10)	4.478	5718128	39.060 ug/ml
3) T A~Naphthalene (C11.7)	6.071	7304891	45.402 ug/ml
4) T n-Dodecane (C12)	6.502	6442564	42.546 ug/ml
5) T A~2-methylnaphthalene...	7.131	7155545	45.217 ug/ml
6) T n-Tetradecane (C14)	8.302	7055772	45.520 ug/ml
7) T n-Hexadecane (C16)	9.905	7801491	47.740 ug/ml
8) T n-Octadecane (C18)	11.350	7971962	48.827 ug/ml
10) T n-Eicosane (C20)	12.663	8033202	52.629 ug/ml
11) T n-Heneicosane (C21)	13.275	7580524	51.431 ug/ml
13) T n-Docosane (C22)	13.862	7396008	51.403 ug/ml
14) T n-Tetracosane (C24)	14.961	14255020	103.349 ug/ml
15) T n-Hexacosane (C26)	15.990	6730918	51.490 ug/ml
16) T n-Octacosane (C28)	16.940	6452245	52.317 ug/ml
17) T n-Tricontane (C30)	17.831	6277248	52.802 ug/ml
18) T n-Dotriacontane (C32)	18.663	6154641	56.290 ug/ml
19) T n-Tetratriacontane (C34)	19.448	6347232	65.729 ug/ml
20) T n-Hexatriacontane (C36)	20.187	6077303	73.743 ug/ml
21) T n-Octatriacontane (C38)	20.955	6142352	82.193 ug/ml
22) T n-Tetracontane (C40)	21.917	6018442	84.987 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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