

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080625AL\
 Data File : FC069586.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2025 18:06
 Operator : YP/AJ
 Sample : Q2780-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File: autoint1.e
 Quant Time: Aug 07 02:50:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.670	4906628	32.889 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
12) S 1-chlorooctadecane (S...	13.105	3911295	35.876 ug/ml
Spiked Amount 50.000		Recovery =	71.75%
Target Compounds			
1) T n-Nonane (C9)	3.403	3138400	22.028 ug/ml
2) T n-Decane (C10)	4.475	3561487	24.498 ug/ml
3) T A~Naphthalene (C11.7)	6.070	4504671	29.032 ug/ml
4) T n-Dodecane (C12)	6.498	3938165	26.940 ug/ml
5) T A~2-methylnaphthalene...	7.130	4862719	33.018 ug/ml
6) T n-Tetradecane (C14)	8.299	4307507	30.183 ug/ml
7) T n-Hexadecane (C16)	9.902	4819987	33.435 ug/ml
8) T n-Octadecane (C18)	11.347	4658432	32.942 ug/ml
10) T n-Eicosane (C20)	12.659	4816696	36.565 ug/ml
11) T n-Heneicosane (C21)	13.271	4553181	35.699 ug/ml
13) T n-Docosane (C22)	13.858	4560697	36.509 ug/ml
14) T n-Tetracosane (C24)	14.959	8910615	73.842 ug/ml
15) T n-Hexacosane (C26)	15.987	4025633	34.839 ug/ml
16) T n-Octacosane (C28)	16.937	3969666	35.415 ug/ml
17) T n-Tricontane (C30)	17.826	3759716	32.837 ug/ml
18) T n-Dotriacontane (C32)	18.660	3645804	32.821 ug/mlm
19) T n-Tetratriacontane (C34)	19.445	3800216	37.321 ug/ml
20) T n-Hexatriacontane (C36)	20.186	3445030	38.637 ug/ml
21) T n-Octatriacontane (C38)	20.950	3411834	42.413 ug/ml
22) T n-Tetracontane (C40)	21.911	3252048	43.429 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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