

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069440.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 20:16
 Operator : YP/AJ
 Sample : Q2586-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-16MSD

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 01:50:50 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)	11.671	3904346	22.600 ug/ml
Spiked Amount 50.000		Recovery =	45.20%
12) S 1-chlorooctadecane (S...	13.106	3260226	24.955 ug/ml
Spiked Amount 50.000		Recovery =	49.91%
Target Compounds			
1) T n-Nonane (C9)	3.405	4801873	33.764 ug/ml
2) T n-Decane (C10)	4.479	5677294	38.781 ug/ml
3) T A~Naphthalene (C11.7)	6.072	7237155	44.981 ug/ml
4) T n-Dodecane (C12)	6.502	6414590	42.362 ug/ml
5) T A~2-methylnaphthalene...	7.132	7112983	44.948 ug/ml
6) T n-Tetradecane (C14)	8.303	7058130	45.535 ug/ml
7) T n-Hexadecane (C16)	9.907	7817371	47.837 ug/ml
8) T n-Octadecane (C18)	11.352	8028094	49.170 ug/ml
10) T n-Eicosane (C20)	12.665	8102964	53.086 ug/ml
11) T n-Heneicosane (C21)	13.276	7647859	51.888 ug/ml
13) T n-Docosane (C22)	13.864	7459394	51.844 ug/ml
14) T n-Tetracosane (C24)	14.962	14333743	103.920 ug/ml
15) T n-Hexacosane (C26)	15.991	6788268	51.929 ug/ml
16) T n-Octacosane (C28)	16.941	6492442	52.643 ug/ml
17) T n-Tricontane (C30)	17.832	6312856	53.101 ug/ml
18) T n-Dotriacontane (C32)	18.663	6168764	56.419 ug/ml
19) T n-Tetratriacontane (C34)	19.448	6375728	66.024 ug/ml
20) T n-Hexatriacontane (C36)	20.189	6112373	74.168 ug/ml
21) T n-Octatriacontane (C38)	20.955	6179398	82.689 ug/ml
22) T n-Tetracontane (C40)	21.921	6097005	86.096 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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