

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053196.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 16:44
 Operator : YP\AJ
 Sample : Q1712-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

Z-05AMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/07/2025

Supervised By :mohammad ahmed 04/09/2025

Integration File: autoint1.e

Quant Time: Apr 04 23:55:46 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M

Quant Title : GC Extractables

QLast Update : Mon Mar 31 02:44:53 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)	11.894	3378457	20.742 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
12) S 1-chlorooctadecane (S...	13.338	4465157	37.196 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
Target Compounds			
1) T n-Nonane (C9)	3.233	3606292	23.290 ug/ml
2) T n-Decane (C10)	4.498	3924699	25.021 ug/ml
3) T A~Naphthalene (C11.7)	6.210	5794126	34.491 ug/ml
4) T n-Dodecane (C12)	6.678	4171519	26.672 ug/ml
5) T A~2-methylnaphthalene...	7.312	4791322	30.028 ug/ml
6) T n-Tetradecane (C14)	8.515	4294554	28.048 ug/ml
7) T n-Hexadecane (C16)	10.129	5448729	35.348 ug/ml
8) T n-Octadecane (C18)	11.578	4391504	28.955 ug/mlm
10) T n-Eicosane (C20)	12.894	6587007	46.200 ug/ml
11) T n-Heneicosane (C21)	13.507	5801794	41.809 ug/ml
13) T n-Docosane (C22)	14.094	5039029	36.793 ug/mlm
14) T n-Tetracosane (C24)	15.199	19232121	142.398 ug/ml
15) T n-Hexacosane (C26)	16.225	5027658	37.687 ug/ml
16) T n-Octacosane (C28)	17.176	6564114	49.740 ug/ml
17) T n-Tricontane (C30)	18.067	4876558	35.979 ug/ml
18) T n-Dotriacontane (C32)	18.897	4599514	34.181 ug/mlm
19) T n-Tetratriacontane (C34)	19.684	4510175	34.855 ug/ml
20) T n-Hexatriacontane (C36)	20.424	4294197	36.149 ug/ml
21) T n-Octatriacontane (C38)	21.163	4495530	39.113 ug/ml
22) T n-Tetracontane (C40)	22.075	4948591	44.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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