

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054078.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 18:35
 Operator : YP\AJ
 Sample : Q2146-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP04-MHN-WCMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/30/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e

Quant Time: May 30 01:36:59 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M

Quant Title : GC Extractables

QLast Update : Wed May 14 12:15:41 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)	11.839	4584274	28.209 ug/ml
Spiked Amount 50.000		Recovery =	56.42%
12) S 1-chlorooctadecane (S...	13.284	4068869	34.322 ug/ml
Spiked Amount 50.000		Recovery =	68.64%
Target Compounds			
1) T n-Nonane (C9)	3.187	2835815	20.982 ug/ml
2) T n-Decane (C10)	4.450	3236316	23.949 ug/ml
3) T A~Naphthalene (C11.7)	6.163	4230580	29.437 ug/ml
4) T n-Dodecane (C12)	6.631	3717548	27.254 ug/ml
5) T A~2-methylnaphthalene...	7.265	4008247	28.897 ug/ml
6) T n-Tetradecane (C14)	8.467	4012652	29.735 ug/ml
7) T n-Hexadecane (C16)	10.079	4448962	32.971 ug/ml
8) T n-Octadecane (C18)	11.526	4673793	34.708 ug/mlm
10) T n-Eicosane (C20)	12.839	4964205	37.771 ug/ml
11) T n-Heneicosane (C21)	13.453	4806752	37.077 ug/ml
13) T n-Docosane (C22)	14.040	4761604	37.324 ug/ml
14) T n-Tetracosane (C24)	15.138	9998319	79.912 ug/ml
15) T n-Hexacosane (C26)	16.170	4652377	37.994 ug/ml
16) T n-Octacosane (C28)	17.120	4762266	39.175 ug/ml
17) T n-Tricontane (C30)	18.011	4565148	36.649 ug/ml
18) T n-Dotriacontane (C32)	18.843	4540987	36.312 ug/mlm
19) T n-Tetratriacontane (C34)	19.627	4592862	38.556 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4737291	40.914 ug/ml
21) T n-Octatriacontane (C38)	21.100	4887249	44.909 ug/ml
22) T n-Tetracontane (C40)	21.992	4829903	48.673 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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