

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052925AL\
 Data File : FE054077.D
 Signal(s) : FID1B.ch
 Acq On : 29 May 2025 18:05
 Operator : YP\AJ
 Sample : Q2146-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP04-MHN-WCMS

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 01:36:36 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	4752016	29.241 ug/ml
Spiked Amount 50.000		Recovery =	58.48%
12) S 1-chlorooctadecane (S...	13.284	4169922	35.175 ug/ml
Spiked Amount 50.000		Recovery =	70.35%
Target Compounds			
1) T n-Nonane (C9)	3.186	2651554	19.619 ug/ml
2) T n-Decane (C10)	4.450	3011676	22.287 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3941126	27.423 ug/ml
4) T n-Dodecane (C12)	6.631	3462780	25.386 ug/ml
5) T A~2-methylnaphthalene...	7.265	3733958	26.920 ug/ml
6) T n-Tetradecane (C14)	8.467	3747172	27.767 ug/ml
7) T n-Hexadecane (C16)	10.078	4151519	30.767 ug/ml
8) T n-Octadecane (C18)	11.525	4373850	32.481 ug/ml
10) T n-Eicosane (C20)	12.839	4650215	35.382 ug/ml
11) T n-Heneicosane (C21)	13.452	4486899	34.609 ug/ml
13) T n-Docosane (C22)	14.040	4452774	34.903 ug/ml
14) T n-Tetracosane (C24)	15.138	9360211	74.812 ug/ml
15) T n-Hexacosane (C26)	16.170	4354145	35.558 ug/ml
16) T n-Octacosane (C28)	17.120	4463378	36.716 ug/ml
17) T n-Tricontane (C30)	18.010	4272465	34.299 ug/ml
18) T n-Dotriacontane (C32)	18.843	4206832	33.640 ug/ml
19) T n-Tetratriacontane (C34)	19.629	4305324	36.142 ug/ml
20) T n-Hexatriacontane (C36)	20.370	4408135	38.071 ug/ml
21) T n-Octatriacontane (C38)	21.100	4606401	42.328 ug/ml
22) T n-Tetracontane (C40)	21.992	4489294	45.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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