

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054155.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 16:56
 Operator : YP\AJ
 Sample : Q2147-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

3MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Integration File: autoint1.e

Quant Time: Jun 04 02:52:45 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	5357181	32.965 ug/ml
Spiked Amount 50.000		Recovery =	65.93%
12) S 1-chlorooctadecane (S...	13.283	4580758	38.640 ug/ml
Spiked Amount 50.000		Recovery =	77.28%
Target Compounds			
1) T n-Nonane (C9)	3.201	5065042	37.476 ug/ml
2) T n-Decane (C10)	4.456	5228305	38.691 ug/ml
3) T A~Naphthalene (C11.7)	6.165	6148361	42.782 ug/ml
4) T n-Dodecane (C12)	6.632	5467838	40.085 ug/ml
5) T A~2-methylnaphthalene...	7.266	5672007	40.892 ug/ml
6) T n-Tetradecane (C14)	8.466	5507027	40.808 ug/ml
7) T n-Hexadecane (C16)	10.077	5613943	41.605 ug/ml
8) T n-Octadecane (C18)	11.525	5523361	41.017 ug/ml
10) T n-Eicosane (C20)	12.838	5762655	43.846 ug/ml
11) T n-Heneicosane (C21)	13.451	5522792	42.600 ug/mlm
13) T n-Docosane (C22)	14.039	5563436	43.609 ug/ml
14) T n-Tetracosane (C24)	15.140	12320403	98.471 ug/ml
15) T n-Hexacosane (C26)	16.170	5321029	43.454 ug/ml
16) T n-Octacosane (C28)	17.120	5358193	44.077 ug/ml
17) T n-Tricontane (C30)	18.011	5419821	43.510 ug/ml
18) T n-Dotriacontane (C32)	18.843	5373041	42.965 ug/ml
19) T n-Tetratriacontane (C34)	19.629	5359488	44.992 ug/ml
20) T n-Hexatriacontane (C36)	20.370	5538261	47.831 ug/ml
21) T n-Octatriacontane (C38)	21.100	5873041	53.967 ug/ml
22) T n-Tetracontane (C40)	21.992	5711428	57.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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