

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055257.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 15:26
 Operator : YP\AJ
 Sample : Q2757-07MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 13 04:03:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.089	5523659	38.680 ug/ml
Spiked Amount 50.000		Recovery =	77.36%
12) S 1-chlorooctadecane (S...	13.525	4470933	41.581 ug/ml
Spiked Amount 50.000		Recovery =	83.16%
Target Compounds			
1) T n-Nonane (C9)	3.434	4650580	40.521 ug/ml
2) T n-Decane (C10)	4.687	4890455	41.980 ug/ml
3) T A~Naphthalene (C11.7)	6.404	6140685	45.747 ug/ml
4) T n-Dodecane (C12)	6.859	5250133	44.088 ug/ml
5) T A~2-methylnaphthalene...	7.505	5794252	44.440 ug/ml
6) T n-Tetradecane (C14)	8.697	5495113	44.818 ug/ml
7) T n-Hexadecane (C16)	10.312	5706173	44.634 ug/ml
8) T n-Octadecane (C18)	11.762	5831338	44.693 ug/ml
10) T n-Eicosane (C20)	13.078	6017459	47.959 ug/ml
11) T n-Heneicosane (C21)	13.692	5773777	46.839 ug/ml
13) T n-Docosane (C22)	14.281	5778919	47.322 ug/ml
14) T n-Tetracosane (C24)	15.392	11759399	96.679 ug/ml
15) T n-Hexacosane (C26)	16.415	5632116	47.073 ug/ml
16) T n-Octacosane (C28)	17.368	5589953	47.123 ug/ml
17) T n-Tricontane (C30)	18.260	5651166	45.926 ug/mlm
18) T n-Dotriacontane (C32)	19.092	5838559	47.853 ug/mlm
19) T n-Tetratriacontane (C34)	19.880	6117656	52.324 ug/mlm
20) T n-Hexatriacontane (C36)	20.620	5926229	54.220 ug/ml
21) T n-Octatriacontane (C38)	21.403	6203713	57.404 ug/mlm
22) T n-Tetracontane (C40)	22.398	6232112	59.595 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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