

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054354.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 23:14
 Operator : YP\AJ
 Sample : Q2295-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP01-MH1-WCMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2025

Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e

Quant Time: Jun 13 05:43:42 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.826	5551661	33.598 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
12) S 1-chlorooctadecane (S...	13.270	4499308	36.895 ug/mlm
Spiked Amount 50.000		Recovery =	73.79%
Target Compounds			
1) T n-Nonane (C9)	3.177	3685253	29.677 ug/ml
2) T n-Decane (C10)	4.440	4044153	32.548 ug/ml
3) T A~Naphthalene (C11.7)	6.152	5112307	37.829 ug/ml
4) T n-Dodecane (C12)	6.620	4553900	35.764 ug/ml
5) T A~2-methylnaphthalene...	7.255	4932767	37.242 ug/ml
6) T n-Tetradecane (C14)	8.455	5021871	38.790 ug/ml
7) T n-Hexadecane (C16)	10.066	5593404	42.107 ug/ml
8) T n-Octadecane (C18)	11.514	5950688	44.068 ug/ml
10) T n-Eicosane (C20)	12.826	6247864	46.704 ug/ml
11) T n-Heneicosane (C21)	13.439	5999683	45.121 ug/ml
13) T n-Docosane (C22)	14.026	5960294	45.456 ug/ml
14) T n-Tetracosane (C24)	15.126	12419855	96.282 ug/ml
15) T n-Hexacosane (C26)	16.155	5782139	46.062 ug/ml
16) T n-Octacosane (C28)	17.106	6000879	48.934 ug/mlm
17) T n-Tricontane (C30)	17.996	5628027	45.408 ug/ml
18) T n-Dotriacontane (C32)	18.827	5296307	42.153 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	3508020	28.198 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	1867574	14.508 ug/mlm
21) T n-Octatriacontane (C38)	21.077	961783	7.284 ug/mlm
22) T n-Tetracontane (C40)	21.963	570699	4.237 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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