

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052389.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 13:37
 Operator : YP\AJ
 Sample : PB166728BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166728BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:58:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.918	6828263	36.528 ug/ml
Spiked Amount 50.000		Recovery =	73.06%
12) S 1-chlorooctadecane (S...	13.364	5411301	38.931 ug/mlm
Spiked Amount 50.000		Recovery =	77.86%
Target Compounds			
1) T n-Nonane (C9)	3.263	5633844	36.702 ug/ml
2) T n-Decane (C10)	4.521	5871990	37.596 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6795265	39.331 ug/ml
4) T n-Dodecane (C12)	6.699	5976241	37.862 ug/ml
5) T A~2-methylnaphthalene...	7.331	6268964	37.327 ug/ml
6) T n-Tetradecane (C14)	8.537	6090888	38.669 ug/ml
7) T n-Hexadecane (C16)	10.152	6082131	37.214 ug/ml
8) T n-Octadecane (C18)	11.602	6075736	36.720 ug/ml
10) T n-Eicosane (C20)	12.918	6219063	39.010 ug/ml
11) T n-Heneicosane (C21)	13.532	5939410	37.910 ug/ml
13) T n-Docosane (C22)	14.121	5890057	37.637 ug/ml
14) T n-Tetracosane (C24)	15.204	12316929	78.317 ug/mlm
15) T n-Hexacosane (C26)	16.253	5676065	36.646 ug/ml
16) T n-Octacosane (C28)	17.204	5641444	36.881 ug/ml
17) T n-Tricontane (C30)	18.097	5586841	35.791 ug/ml
18) T n-Dotriacontane (C32)	18.929	5469771	35.746 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5351412	37.617 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5016845	40.252 ug/ml
21) T n-Octatriacontane (C38)	21.199	4843581	44.314 ug/mlm
22) T n-Tetracontane (C40)	22.124	4731246	47.035 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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