Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052223AL\
Data File : FF012703.D
Signal(s) : FID2B.ch
Acq On : 23 May 2023 03:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: May 23 04:16:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
Quant Title : GC Extractables
QLast Update : Fri May 19 12:25:00 2023
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)	10.904	3058427	19.094 ug/ml
	Spiked Amount 50.000		Recovery = 38.19%	
12)	S 1-chlorooctadecane (S...	12.336	2263587	19.153 ug/ml
	Spiked Amount 50.000		Recovery = 38.31%	
	Target Compounds			
1)	T n-Nonane (C9)	2.766	2468509	18.863 ug/ml
2)	T n-Decane (C10)	3.774	2552666	19.107 ug/ml
3)	T A~Naphthalene (C11.7)	5.340	2609340	18.520 ug/ml
4)	T n-Dodecane (C12)	5.760	2577427	19.042 ug/ml
5)	T A~2-methylnaphthalene...	6.389	2412993	18.181 ug/ml
6)	T n-Tetradecane (C14)	7.549	2539749	18.982 ug/ml
7)	T n-Hexadecane (C16)	9.146	2636535	19.045 ug/ml
8)	T n-Octadecane (C18)	10.584	2723168	19.130 ug/ml
10)	T n-Eicosane (C20)	11.891	2647759	19.253 ug/ml
11)	T n-Heneicosane (C21)	12.501	2600648	19.230 ug/ml
13)	T n-Docosane (C22)	13.086	2569521	19.195 ug/ml
14)	T n-Tetracosane (C24)	14.186	2528667	19.231 ug/ml
15)	T n-Hexacosane (C26)	15.206	2455655	19.314 ug/ml
16)	T n-Octacosane (C28)	16.153	2386203	19.408 ug/ml
17)	T n-Tricontane (C30)	17.040	2439469	19.760 ug/ml
18)	T n-Dotriacontane (C32)	17.870	2408743	19.908 ug/ml
19)	T n-Tetratriacontane (C34)	18.651	2318411	19.817 ug/ml
20)	T n-Hexatriacontane (C36)	19.390	2212483	19.637 ug/ml
21)	T n-Octatriacontane (C38)	20.118	2137651	19.192 ug/ml
22)	T n-Tetracontane (C40)	21.010	2072760	18.784 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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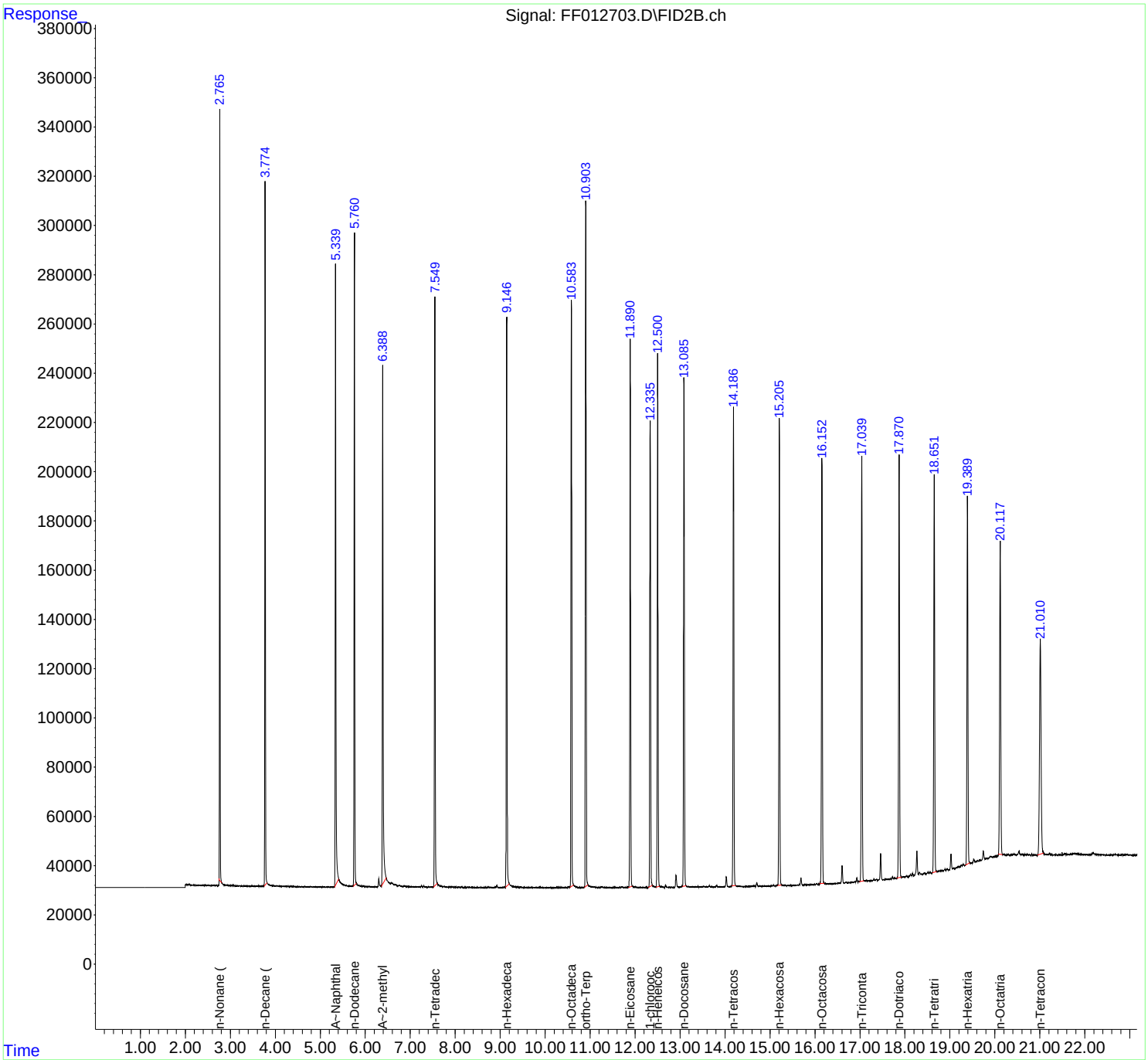
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