Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072023AL\
Data File : FG012495.D
Signal(s) : FID1A.ch
Acq On : 20 Jul 2023 10:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 21 01:48:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
Quant Title : GC Extractables
QLast Update : Sat Jul 15 01:18:50 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)	10.881	3211597	20.553 ug/ml
Spiked Amount	50.000		Recovery =	41.11%
12)	S 1-chlorooctadecane (S...	12.319	2396819	20.680 ug/ml
Spiked Amount	50.000		Recovery =	41.36%
	Target Compounds			
1)	T n-Nonane (C9)	2.732	2446914	19.671 ug/ml
2)	T n-Decane (C10)	3.739	2505630	19.707 ug/ml
3)	T A~Naphthalene (C11.7)	5.304	2803786	20.257 ug/ml
4)	T n-Dodecane (C12)	5.729	2551865	19.835 ug/ml
5)	T A~2-methylnaphthalene...	6.354	2667345	20.428 ug/ml
6)	T n-Tetradecane (C14)	7.521	2570534	20.129 ug/ml
7)	T n-Hexadecane (C16)	9.122	2740072	20.551 ug/ml
8)	T n-Octadecane (C18)	10.565	2855497	20.562 ug/ml
10)	T n-Eicosane (C20)	11.874	2787708	20.620 ug/ml
11)	T n-Heneicosane (C21)	12.487	2730429	20.581 ug/ml
13)	T n-Docosane (C22)	13.073	2742696	20.804 ug/ml
14)	T n-Tetracosane (C24)	14.177	2891372	20.587 ug/ml
15)	T n-Hexacosane (C26)	15.199	2685108	21.271 ug/ml
16)	T n-Octacosane (C28)	16.149	2666854	21.214 ug/ml
17)	T n-Tricontane (C30)	17.038	2765393	20.927 ug/ml
18)	T n-Dotriacontane (C32)	17.872	2748845	20.659 ug/ml
19)	T n-Tetratriacontane (C34)	18.655	2624052	20.480 ug/ml
20)	T n-Hexatriacontane (C36)	19.396	2484765	20.108 ug/ml
21)	T n-Octatriacontane (C38)	20.129	2392132	20.028 ug/ml
22)	T n-Tetracontane (C40)	21.034	2337809	20.175 ug/ml

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

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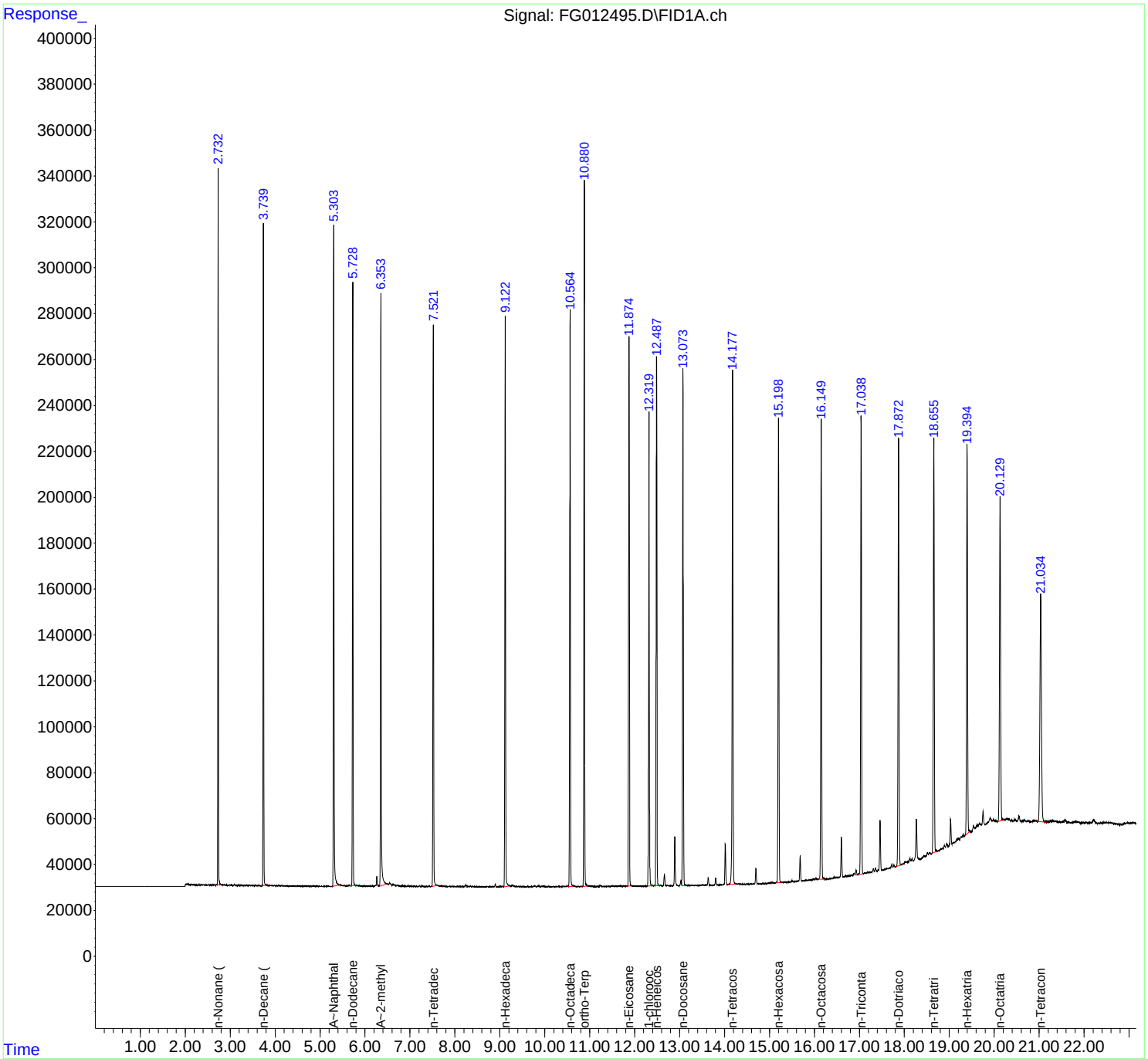
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