

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031921AL\
 Data File : FC052601.D
 Signal(s) : FID1A.CH
 Acq On : 20 Mar 2021 23:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 22 01:09:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.565	2912109	21.725 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
12) S 1-chlorooctadecane (S...	13.002	2298744	21.313 ug/ml
Spiked Amount 50.000		Recovery =	42.63%
Target Compounds			
1) T n-Nonane (C9)	3.326	2611036	22.480 ug/ml
2) T n-Decane (C10)	4.392	2661744	22.714 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2975464	22.726 ug/ml
4) T n-Dodecane (C12)	6.411	2749716	22.902 ug/ml
5) T A~2-methylnaphthalene...	7.034	3066684	22.910 ug/ml
6) T n-Tetradecane (C14)	8.207	2767884	22.885 ug/ml
7) T n-Hexadecane (C16)	9.807	2721529	22.628 ug/ml
8) T n-Octadecane (C18)	11.248	2800751	22.198 ug/ml
10) T n-Eicosane (C20)	12.558	2753724	21.565 ug/ml
11) T n-Heneicosane (C21)	13.169	2705274	21.283 ug/ml
13) T n-Docosane (C22)	13.756	2647378	20.898 ug/ml
14) T n-Tetracosane (C24)	14.857	2538667	20.322 ug/ml
15) T n-Hexacosane (C26)	15.877	2386707	19.821 ug/ml
16) T n-Octacosane (C28)	16.826	2264268	19.639 ug/ml
17) T n-Tricontane (C30)	17.713	2178808	19.998 ug/ml
18) T n-Dotriacontane (C32)	18.545	2088712	20.817 ug/ml
19) T n-Tetratriacontane (C34)	19.325	2019703	21.973 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1958609	21.479 ug/ml
21) T n-Octatriacontane (C38)	20.795	1887350	23.125 ug/ml
22) T n-Tetracontane (C40)	21.697	1990450	23.107 ug/ml

(f)=RT Delta > 1/2 Window

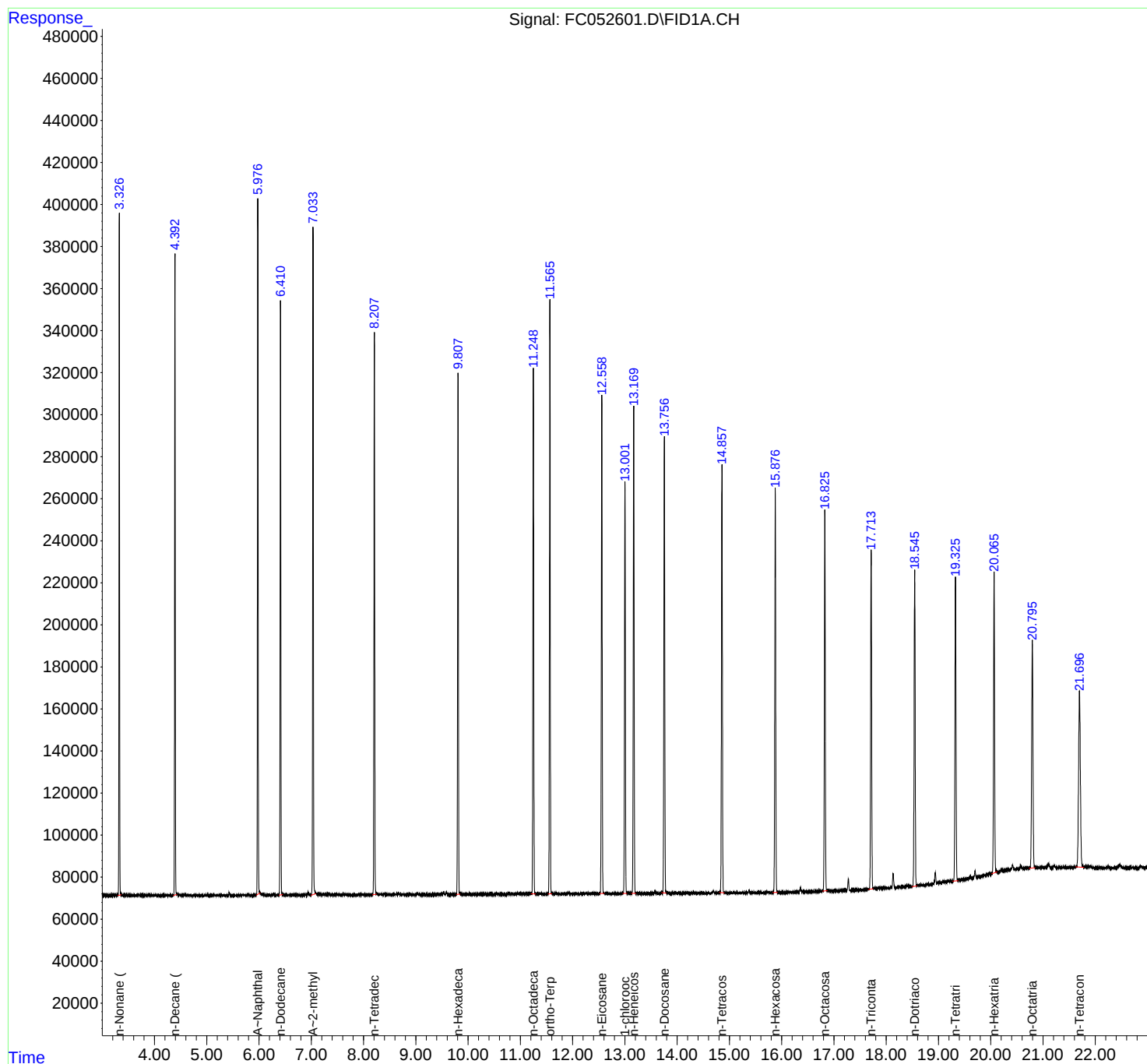
(m)=manual int.

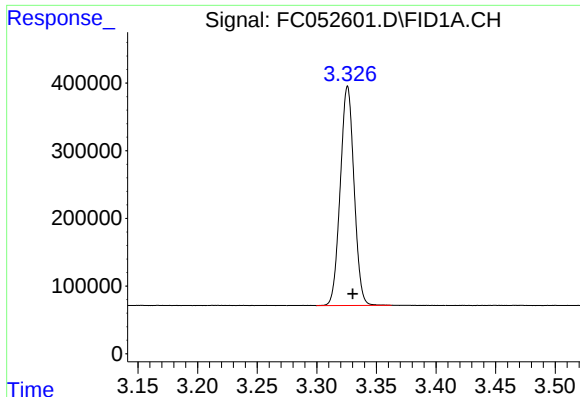
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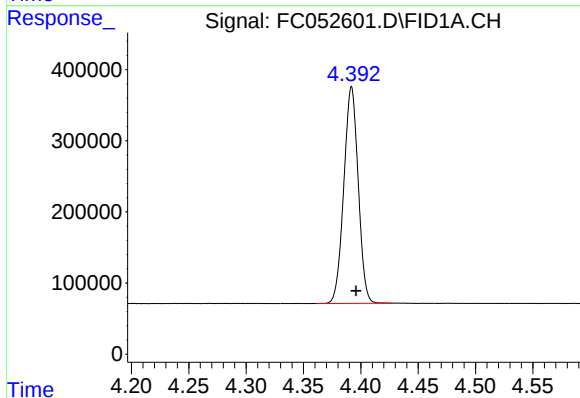




#1 n-Nonane (C9)

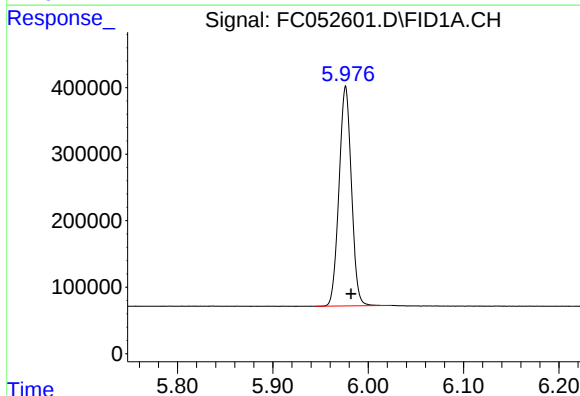
R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2611036
Conc: 22.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



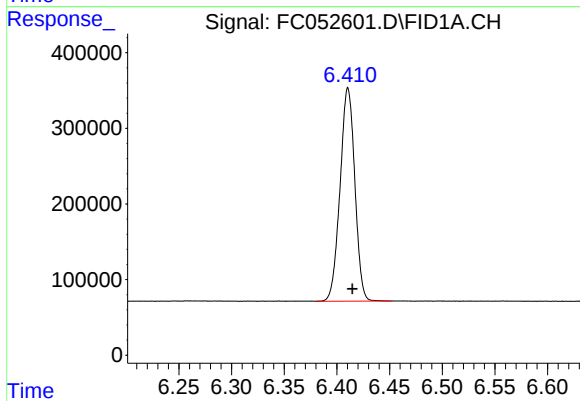
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.004 min
Response: 2661744
Conc: 22.71 ug/ml



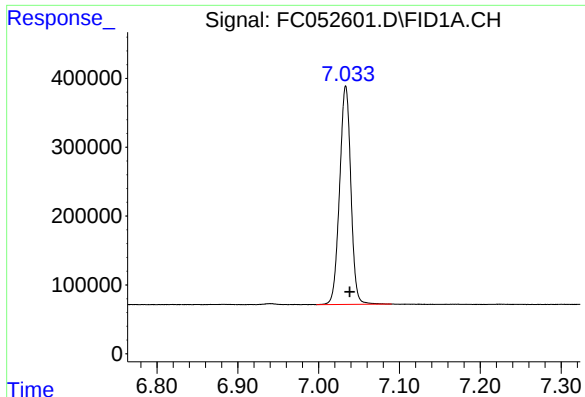
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2975464
Conc: 22.73 ug/ml



#4 n-Dodecane (C12)

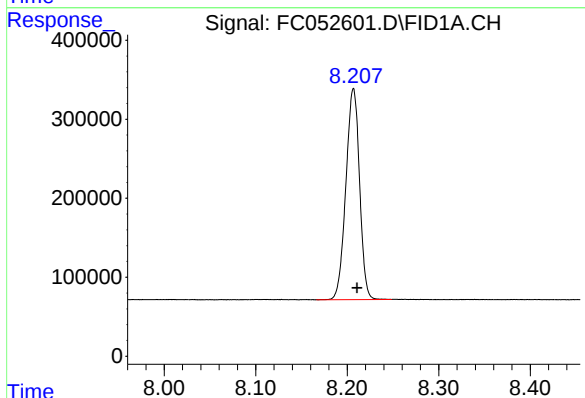
R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 2749716
Conc: 22.90 ug/ml



#5 A~2-methylnaphthalene (C12.89)

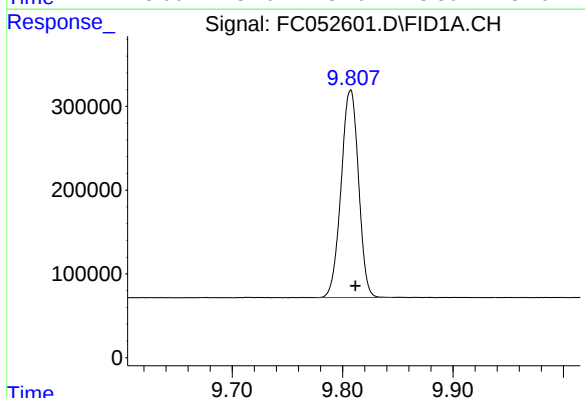
R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 3066684
Conc: 22.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



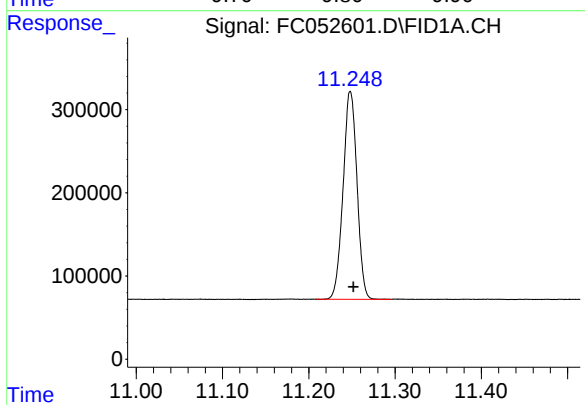
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.004 min
Response: 2767884
Conc: 22.89 ug/ml



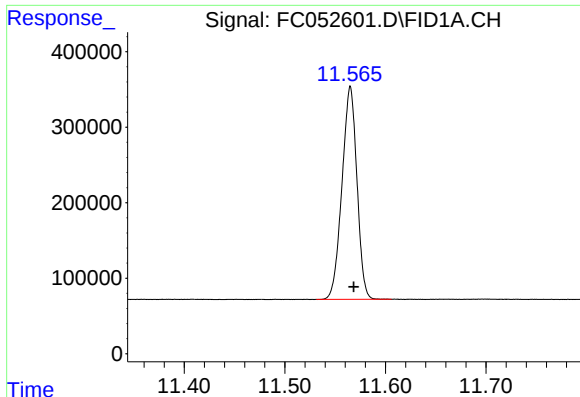
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.004 min
Response: 2721529
Conc: 22.63 ug/ml



#8 n-Octadecane (C18)

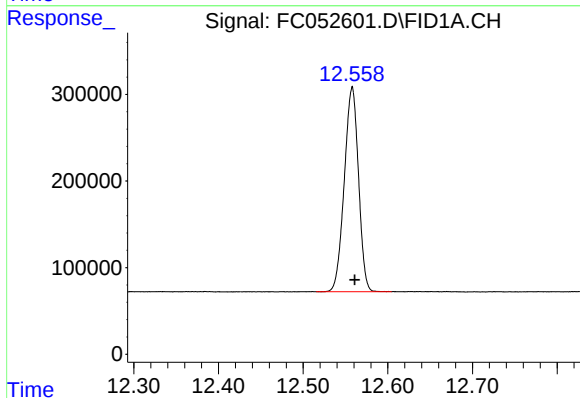
R.T.: 11.248 min
Delta R.T.: -0.004 min
Response: 2800751
Conc: 22.20 ug/ml



#9 ortho-Terphenyl (SURR)

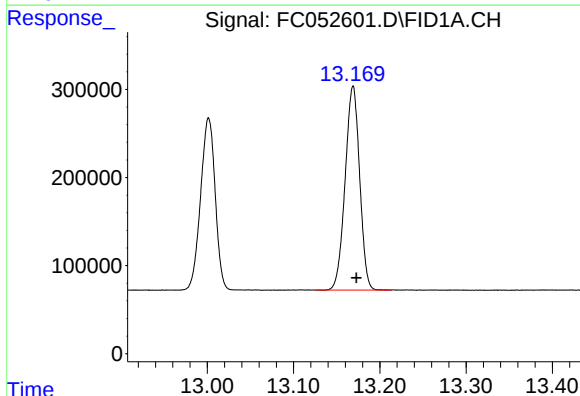
R.T.: 11.565 min
Delta R.T.: -0.003 min
Response: 2912109
Conc: 21.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



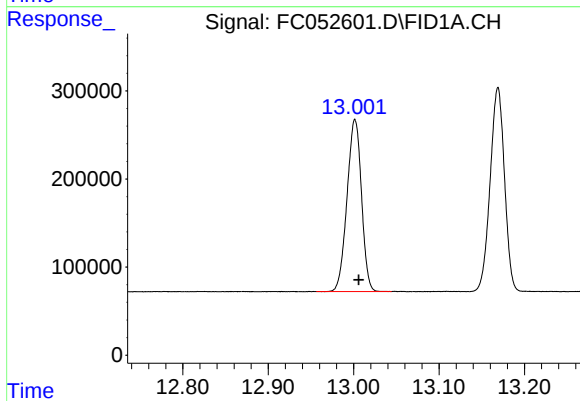
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2753724
Conc: 21.57 ug/ml



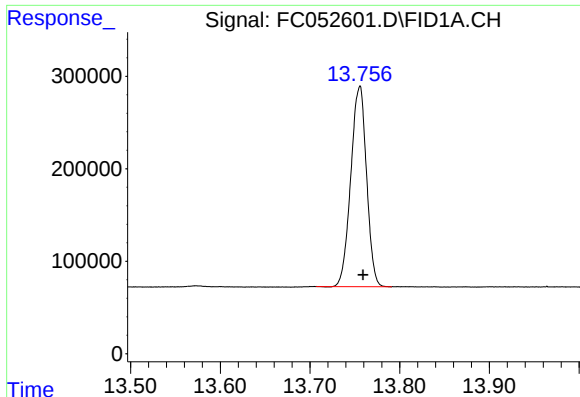
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.004 min
Response: 2705274
Conc: 21.28 ug/ml



#12 1-chlorooctadecane (SURR)

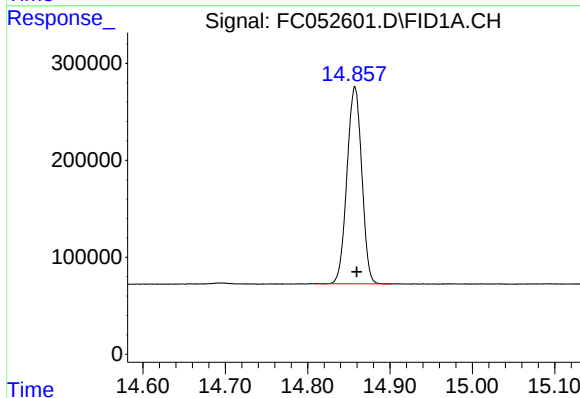
R.T.: 13.002 min
Delta R.T.: -0.004 min
Response: 2298744
Conc: 21.31 ug/ml



#13 n-Docosane (C22)

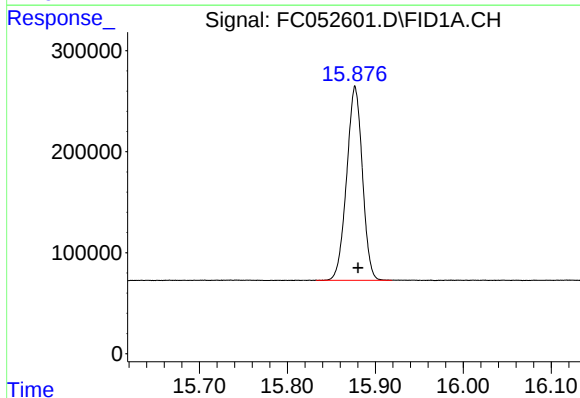
R.T.: 13.756 min
Delta R.T.: -0.004 min
Response: 2647378
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



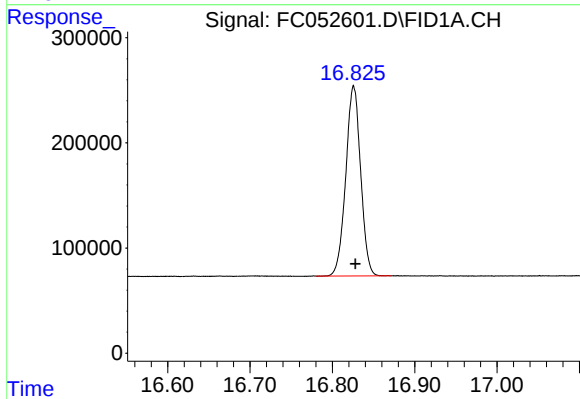
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: -0.002 min
Response: 2538667
Conc: 20.32 ug/ml



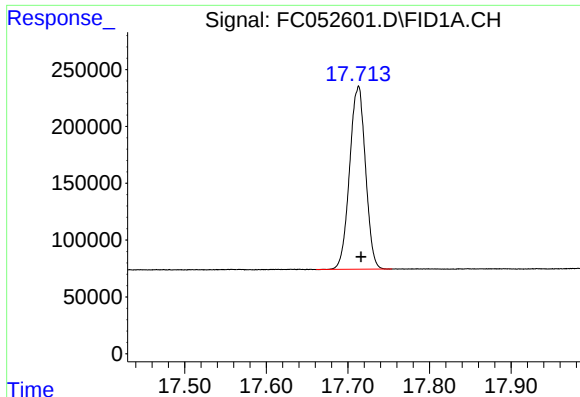
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.003 min
Response: 2386707
Conc: 19.82 ug/ml



#16 n-Octacosane (C28)

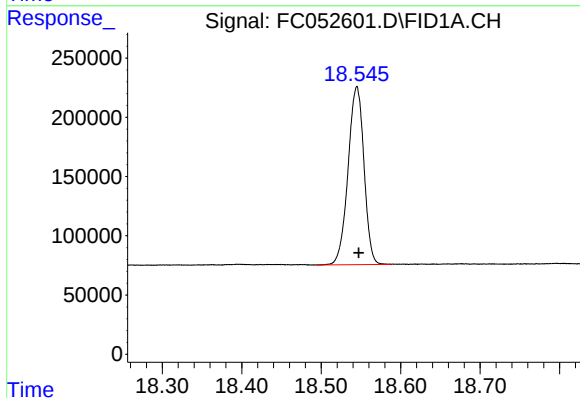
R.T.: 16.826 min
Delta R.T.: -0.002 min
Response: 2264268
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

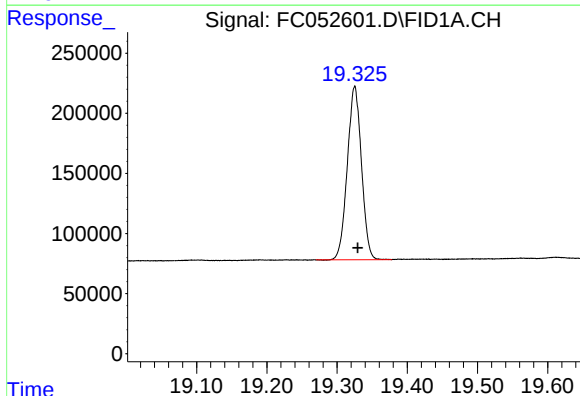
R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 2178808
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



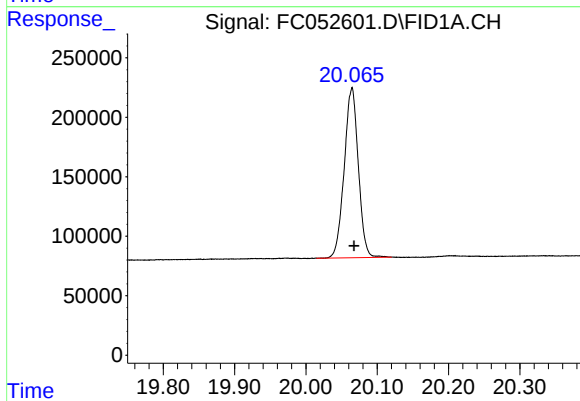
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 2088712
Conc: 20.82 ug/ml



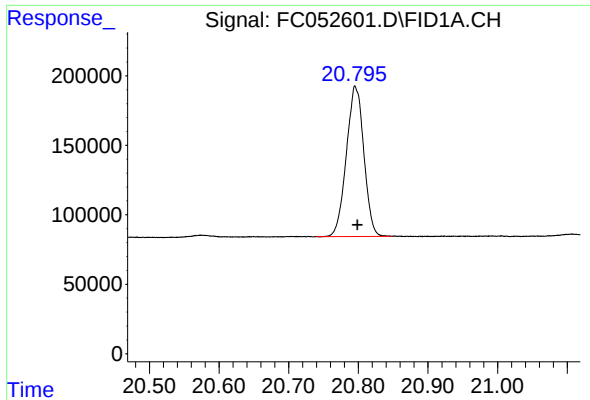
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.004 min
Response: 2019703
Conc: 21.97 ug/ml



#20 n-Hexatriacontane (C36)

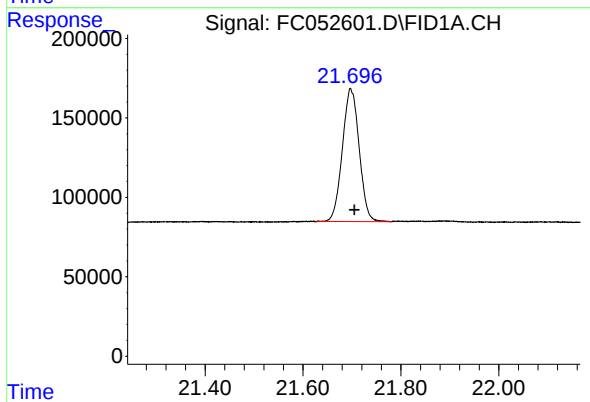
R.T.: 20.065 min
Delta R.T.: -0.003 min
Response: 1958609
Conc: 21.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.795 min
Delta R.T.: -0.004 min
Response: 1887350
Conc: 23.13 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.008 min
Response: 1990450
Conc: 23.11 ug/ml