

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055893.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 16:07
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 30 01:20:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:19:00 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)	11.656	5977460	51.270 ug/ml
Spiked Amount 50.000		Recovery =	102.54%
12) S 1-chlorooctadecane (S...	13.087	4620222	51.111 ug/ml
Spiked Amount 50.000		Recovery =	102.22%
Target Compounds			
1) T n-Nonane (C9)	3.405	5469524	51.629 ug/ml
2) T n-Decane (C10)	4.474	5520516	51.840 ug/ml
3) T A~Naphthalene (C11.7)	6.067	6190514	51.883 ug/ml
4) T n-Dodecane (C12)	6.494	5556774	51.653 ug/ml
5) T A~2-methylnaphthalene...	7.125	6232693	52.191 ug/ml
6) T n-Tetradecane (C14)	8.289	5601356	51.462 ug/ml
7) T n-Hexadecane (C16)	9.889	5584945	51.310 ug/ml
8) T n-Octadecane (C18)	11.333	5621228	51.113 ug/ml
10) T n-Eicosane (C20)	12.642	5465377	50.981 ug/ml
11) T n-Heneicosane (C21)	13.254	5463281	51.029 ug/ml
13) T n-Docosane (C22)	13.839	5360524	51.067 ug/ml
14) T n-Tetracosane (C24)	14.941	5262728	51.031 ug/ml
15) T n-Hexacosane (C26)	15.960	5056904	51.000 ug/ml
16) T n-Octacosane (C28)	16.908	4898336	51.177 ug/ml
17) T n-Tricontane (C30)	17.793	4668662	50.897 ug/ml
18) T n-Dotriacontane (C32)	18.625	4469835	50.973 ug/ml
19) T n-Tetratriacontane (C34)	19.408	4385786	51.444 ug/ml
20) T n-Hexatriacontane (C36)	20.145	4224568	52.974 ug/ml
21) T n-Octatriacontane (C38)	20.891	4088311	53.348 ug/ml
22) T n-Tetracontane (C40)	21.822	4174945	55.528 ug/ml

(f)=RT Delta > 1/2 Window

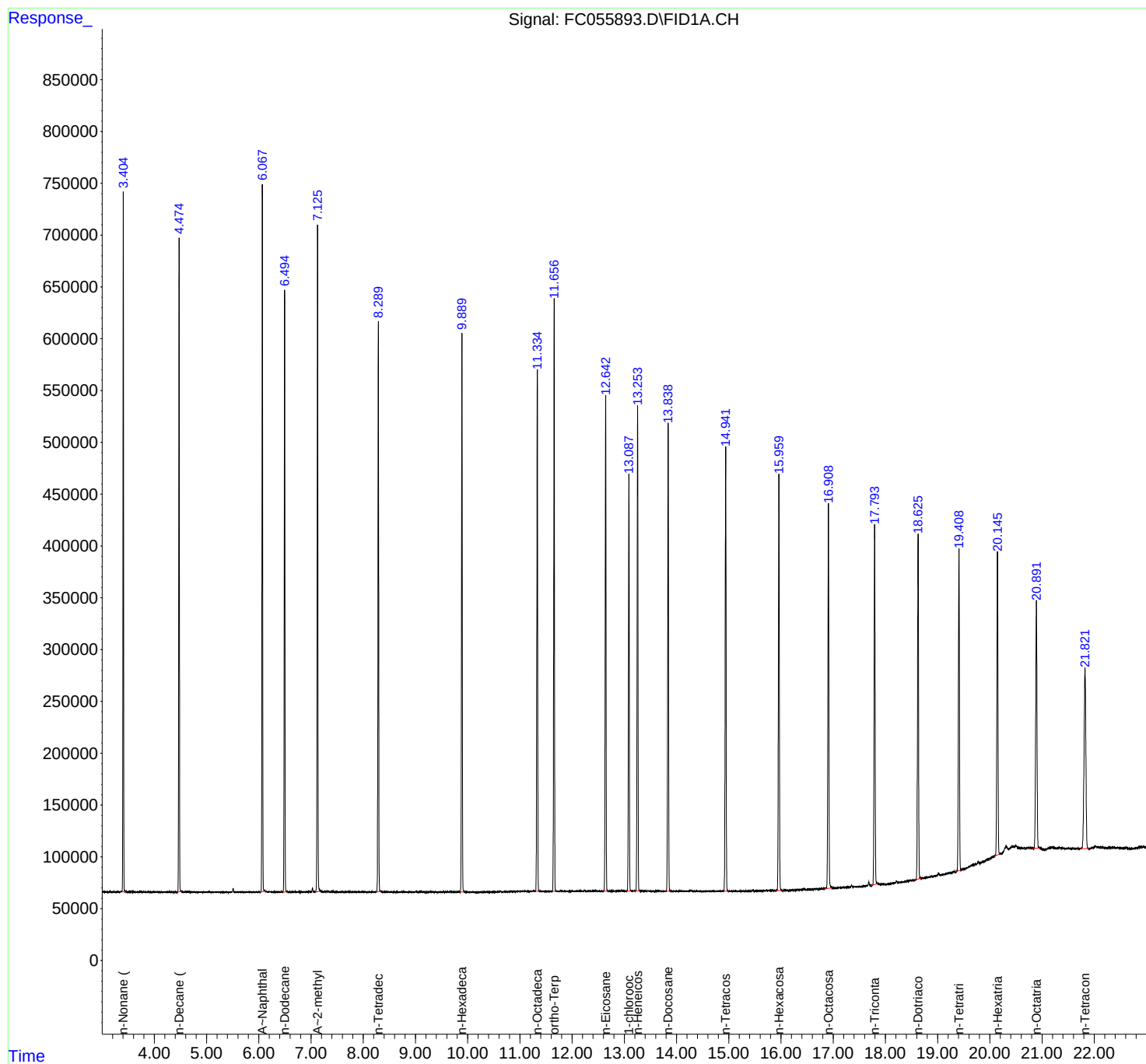
(m)=manual int.

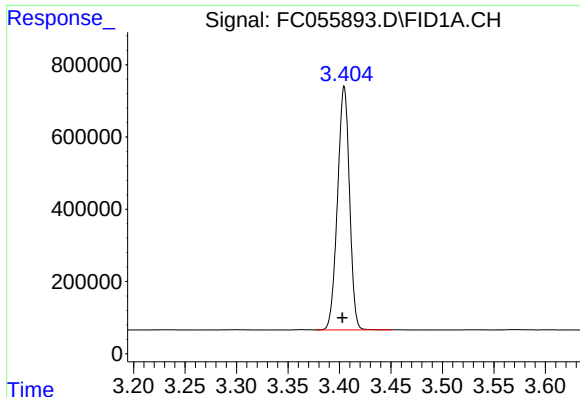
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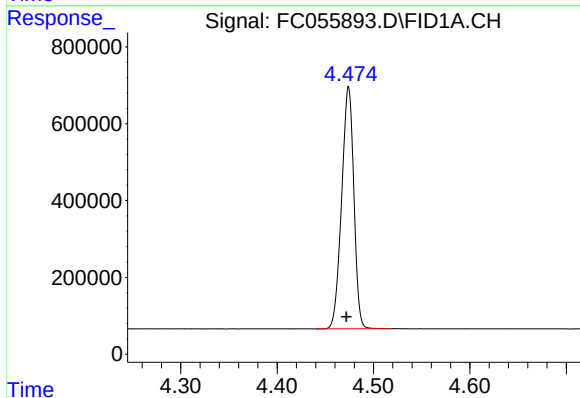




#1 n-Nonane (C9)

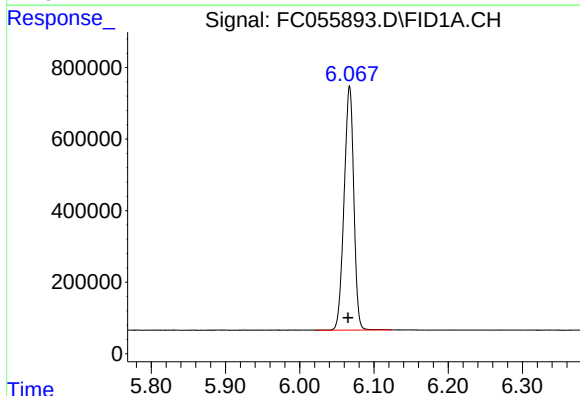
R.T.: 3.405 min
Delta R.T.: 0.002 min
Response: 5469524
Conc: 51.63 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



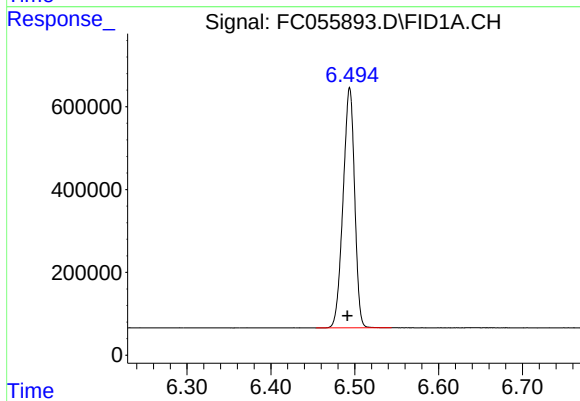
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.002 min
Response: 5520516
Conc: 51.84 ug/ml



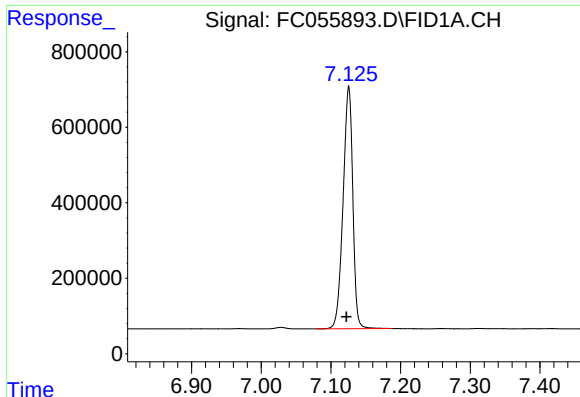
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 6190514
Conc: 51.88 ug/ml



#4 n-Dodecane (C12)

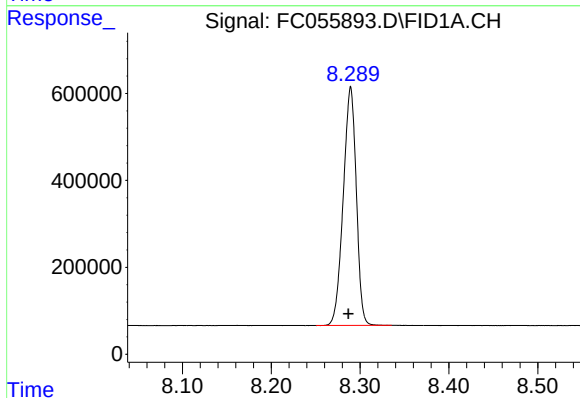
R.T.: 6.494 min
Delta R.T.: 0.003 min
Response: 5556774
Conc: 51.65 ug/ml



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

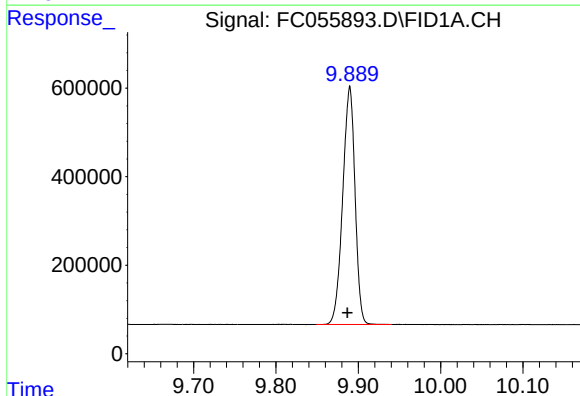
R.T.: 7.125 min
Delta R.T.: 0.003 min
Response: 6232693
Conc: 52.19 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



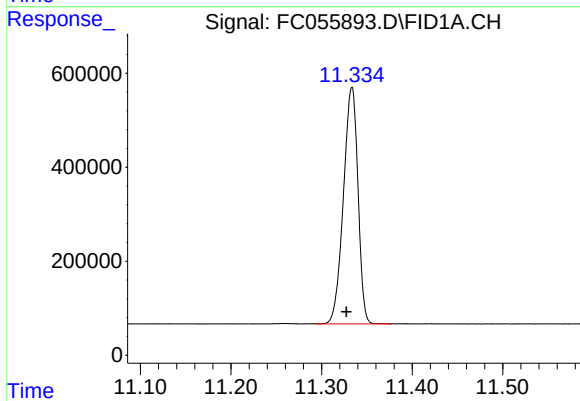
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 5601356
Conc: 51.46 ug/ml



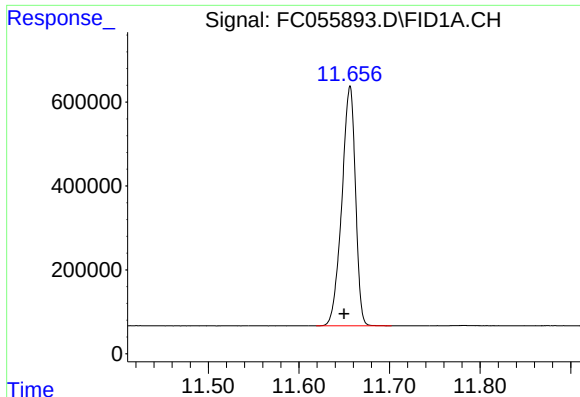
#7 n-Hexadecane (C16)

R.T.: 9.889 min
Delta R.T.: 0.003 min
Response: 5584945
Conc: 51.31 ug/ml



#8 n-Octadecane (C18)

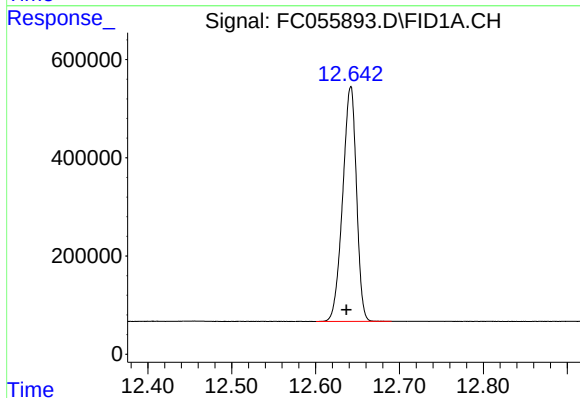
R.T.: 11.333 min
Delta R.T.: 0.006 min
Response: 5621228
Conc: 51.11 ug/ml



#9 ortho-Terphenyl (SURR)

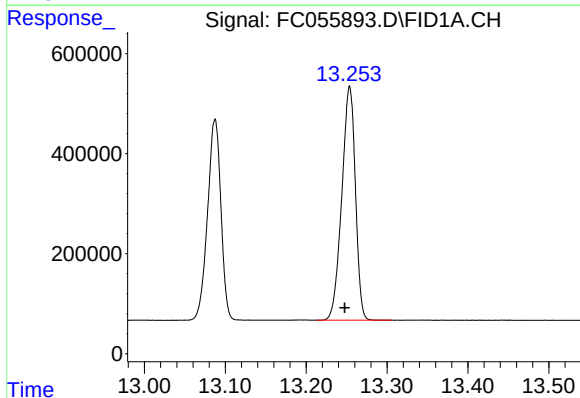
R.T.: 11.656 min
Delta R.T.: 0.006 min
Response: 5977460
Conc: 51.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



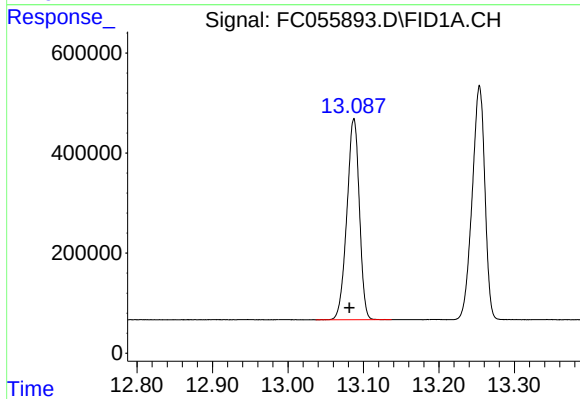
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.005 min
Response: 5465377
Conc: 50.98 ug/ml



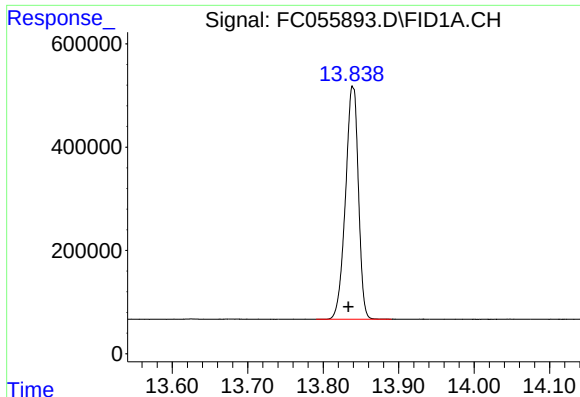
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: 0.006 min
Response: 5463281
Conc: 51.03 ug/ml



#12 1-chlorooctadecane (SURR)

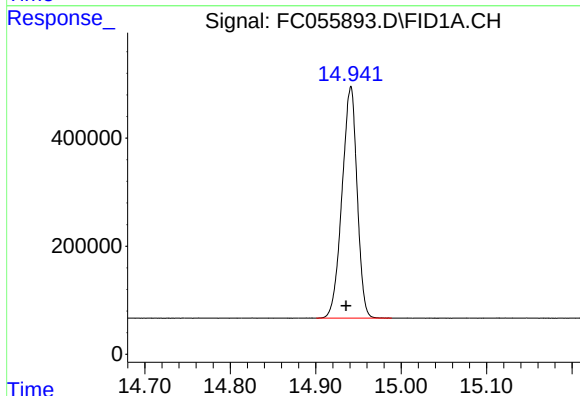
R.T.: 13.087 min
Delta R.T.: 0.006 min
Response: 4620222
Conc: 51.11 ug/ml



#13 n-Docosane (C22)

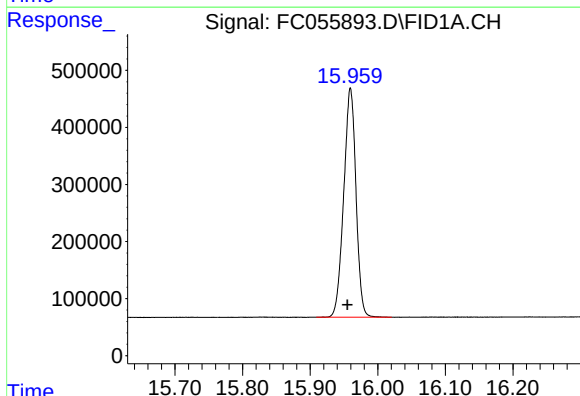
R.T.: 13.839 min
Delta R.T.: 0.006 min
Response: 5360524
Conc: 51.07 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



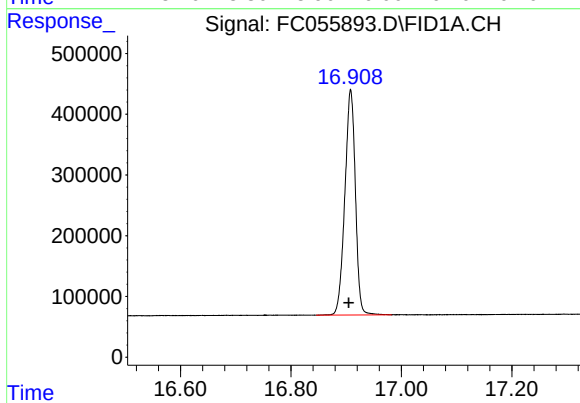
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: 0.005 min
Response: 5262728
Conc: 51.03 ug/ml



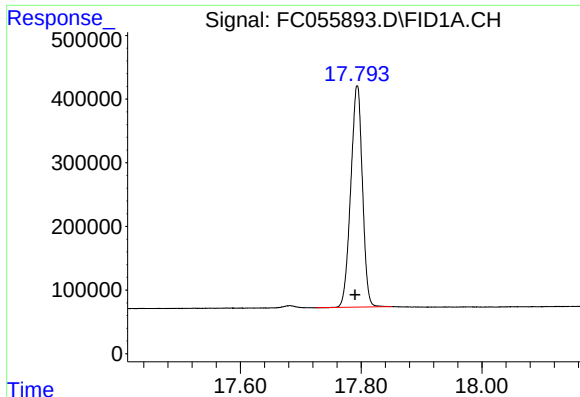
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.005 min
Response: 5056904
Conc: 51.00 ug/ml



#16 n-Octacosane (C28)

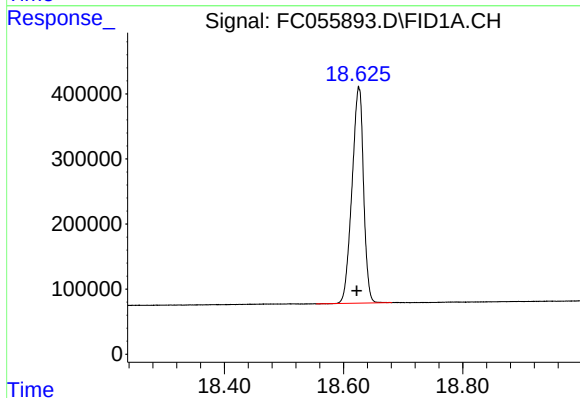
R.T.: 16.908 min
Delta R.T.: 0.004 min
Response: 4898336
Conc: 51.18 ug/ml



#17 n-Tricontane (C30)

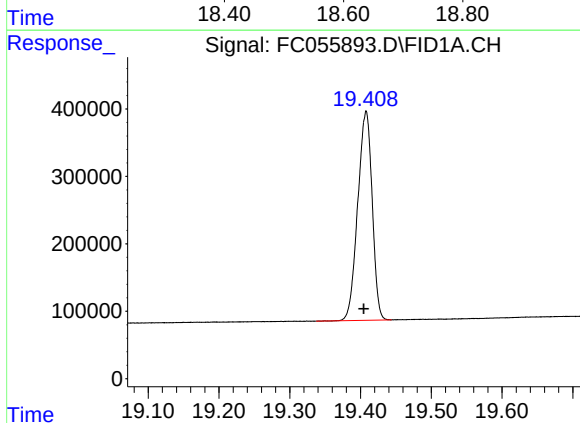
R.T.: 17.793 min
Delta R.T.: 0.003 min
Response: 4668662
Conc: 50.90 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



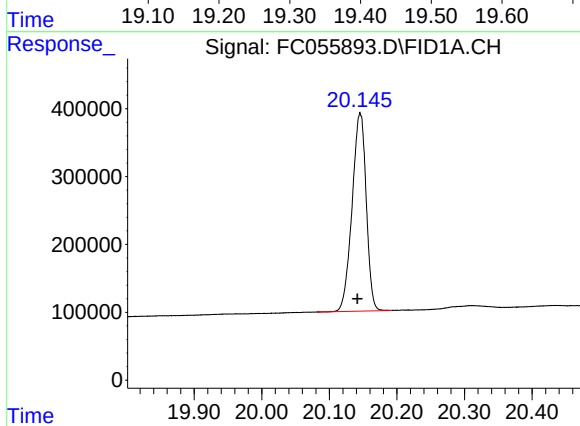
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.003 min
Response: 4469835
Conc: 50.97 ug/ml



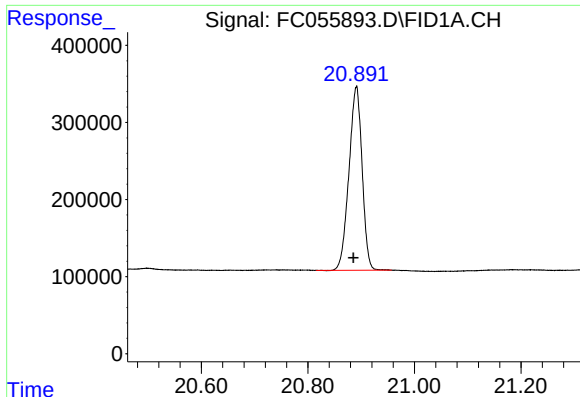
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.003 min
Response: 4385786
Conc: 51.44 ug/ml



#20 n-Hexatriacontane (C36)

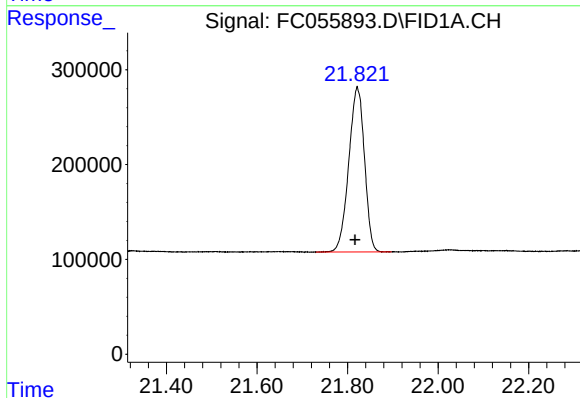
R.T.: 20.145 min
Delta R.T.: 0.004 min
Response: 4224568
Conc: 52.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.005 min
Response: 4088311
Conc: 53.35 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.822 min
Delta R.T.: 0.005 min
Response: 4174945
Conc: 55.53 ug/ml