

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059417.D
 Signal(s) : FID1A.CH
 Acq On : 25 Apr 2022 22:33
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 26 02:18:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 2022
 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)	11.099	3157942	19.652 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	12.546	2471490	18.927 ug/ml
Spiked Amount 50.000		Recovery =	37.85%
Target Compounds			
1) T n-Nonane (C9)	2.962	2629280	20.979 ug/ml
2) T n-Decane (C10)	4.003	2646843	21.186 ug/ml
3) T A~Naphthalene (C11.7)	5.552	2797942	22.809 ug/ml
4) T n-Dodecane (C12)	6.000	2822229	21.402 ug/ml
5) T A~2-methylnaphthalene...	6.599	2876887	22.795 ug/ml
6) T n-Tetradecane (C14)	7.782	2874748	21.253 ug/ml
7) T n-Hexadecane (C16)	9.373	2921397	20.801 ug/ml
8) T n-Octadecane (C18)	10.806	2953005	20.215 ug/ml
10) T n-Eicosane (C20)	12.109	2901692	19.348 ug/ml
11) T n-Heneicosane (C21)	12.717	2888351	18.988 ug/ml
13) T n-Docosane (C22)	13.300	2823702	18.429 ug/ml
14) T n-Tetracosane (C24)	14.397	2742706	17.713 ug/ml
15) T n-Hexacosane (C26)	15.413	2589365	16.801 ug/ml
16) T n-Octacosane (C28)	16.360	2508019	16.201 ug/ml
17) T n-Tricontane (C30)	17.244	2408701	15.858 ug/ml
18) T n-Dotriacontane (C32)	18.074	2499078	17.736 ug/ml
19) T n-Tetratriacontane (C34)	18.853	2051164	16.229 ug/ml
20) T n-Hexatriacontane (C36)	19.591	1854779	16.958 ug/ml
21) T n-Octatriacontane (C38)	20.289	1831822	19.669 ug/ml
22) T n-Tetracontane (C40)	21.031	1768971	21.178 ug/ml

(f)=RT Delta > 1/2 Window

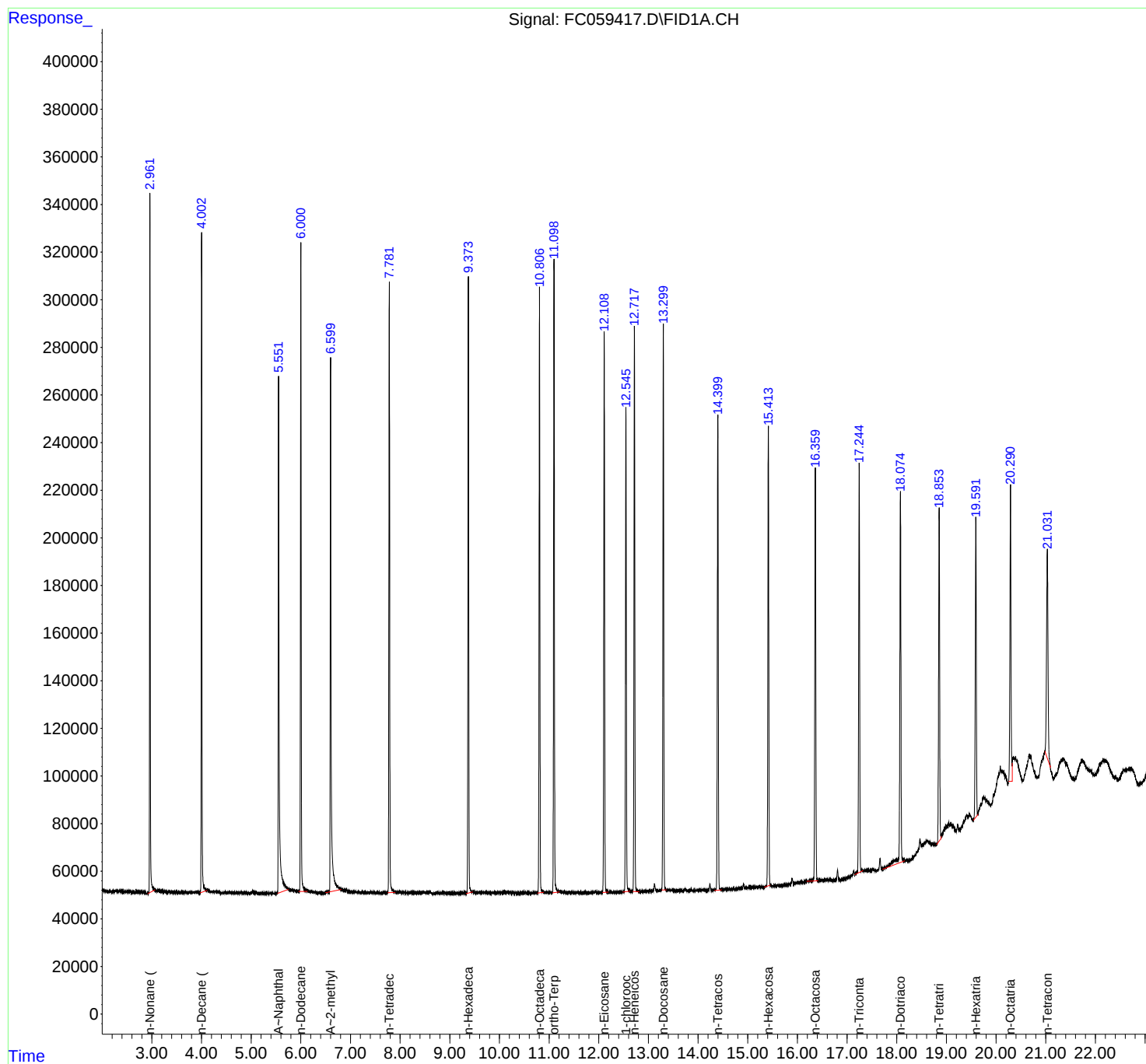
(m)=manual int.

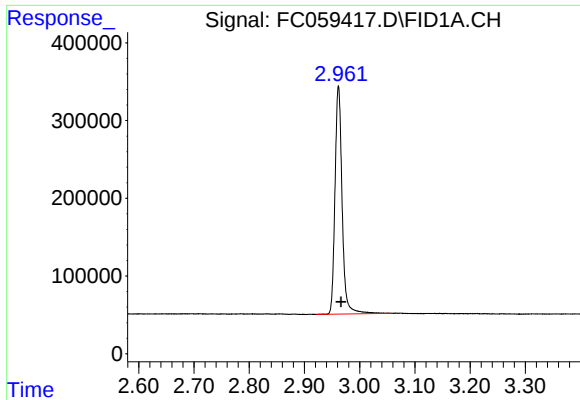
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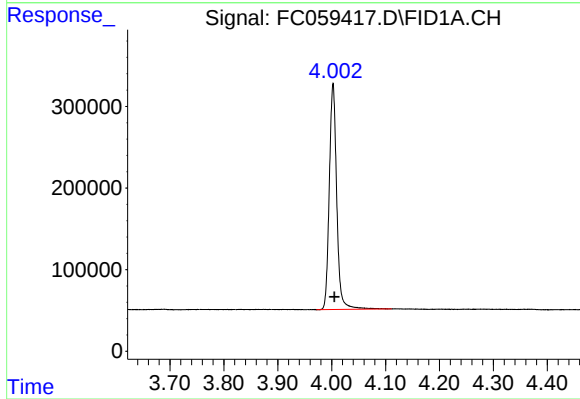




#1 n-Nonane (C9)

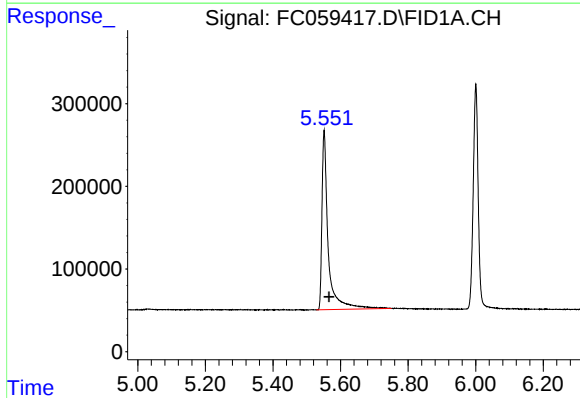
R.T.: 2.962 min
Delta R.T.: -0.004 min
Response: 2629280
Conc: 20.98 ug/ml

Instrument :
FID_C
ClientSampleId :



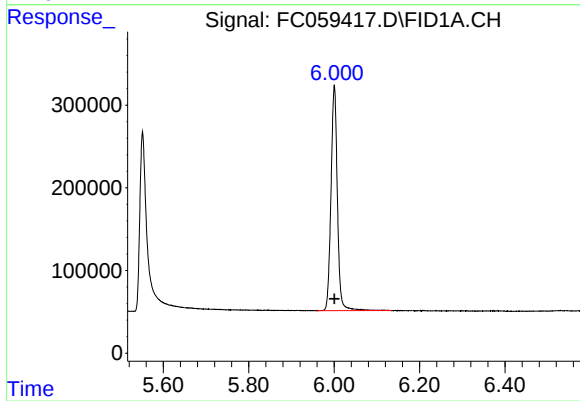
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 2646843
Conc: 21.19 ug/ml



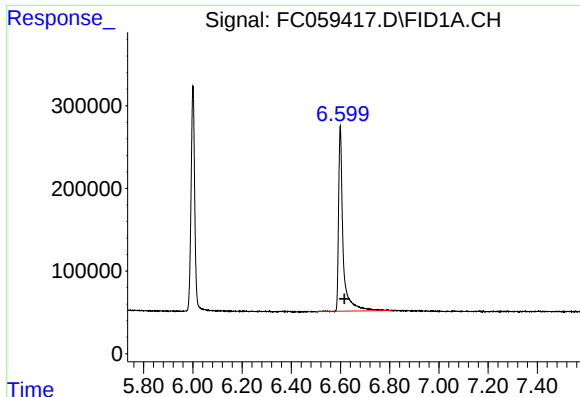
#3 A~Naphthalene (C11.7)

R.T.: 5.552 min
Delta R.T.: -0.015 min
Response: 2797942
Conc: 22.81 ug/ml



#4 n-Dodecane (C12)

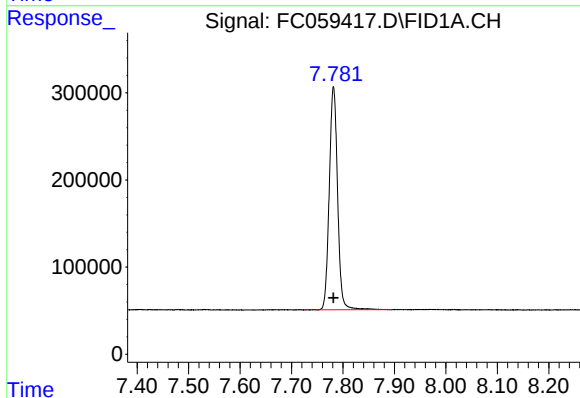
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 2822229
Conc: 21.40 ug/ml



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

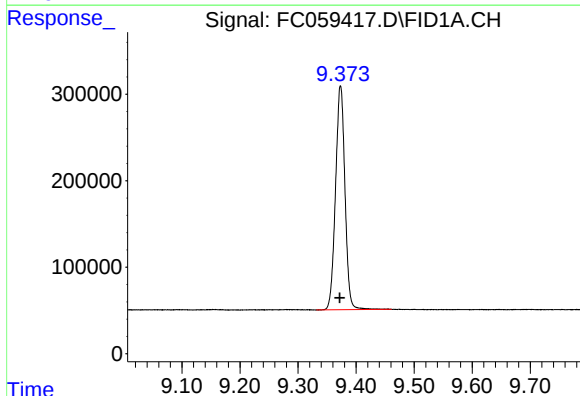
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 2876887
Conc: 22.80 ug/ml

Instrument :
FID_C
ClientSampleId :



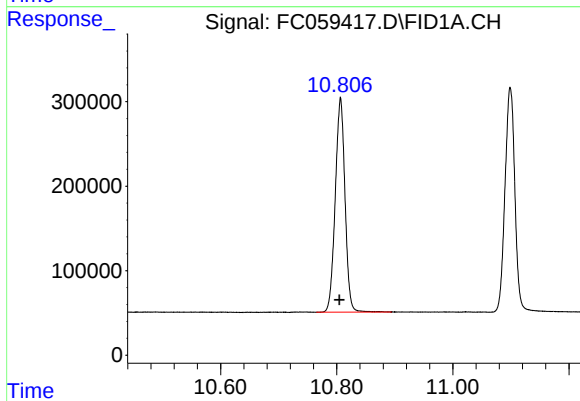
#6 n-Tetradecane (C14)

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 2874748
Conc: 21.25 ug/ml



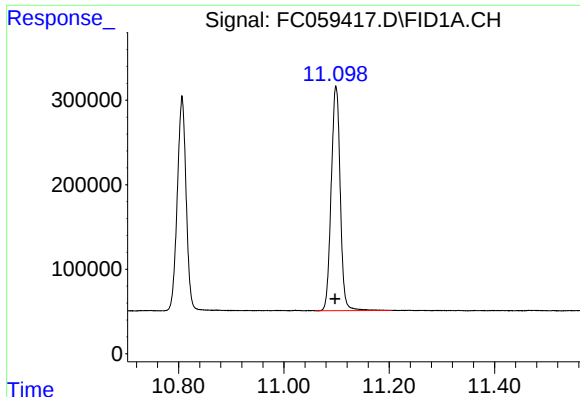
#7 n-Hexadecane (C16)

R.T.: 9.373 min
Delta R.T.: 0.001 min
Response: 2921397
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

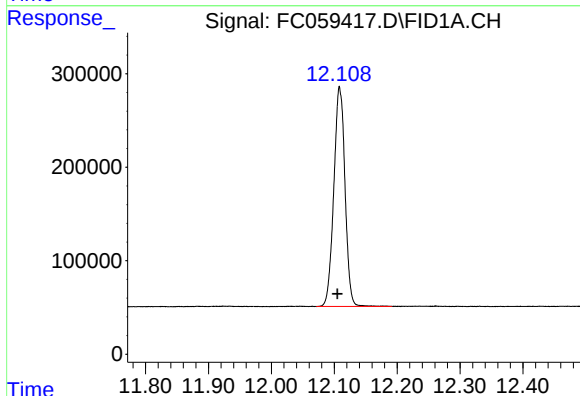
R.T.: 10.806 min
Delta R.T.: 0.002 min
Response: 2953005
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

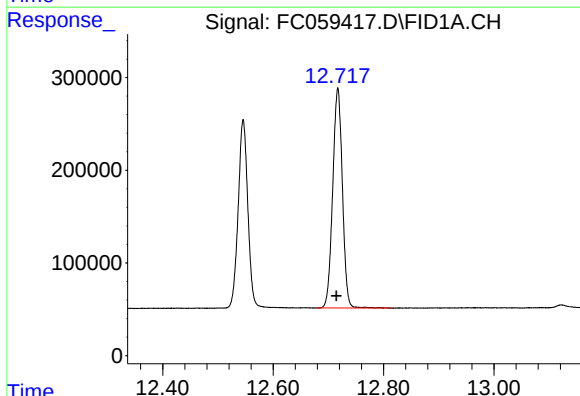
R.T.: 11.099 min
Delta R.T.: 0.002 min
Response: 3157942
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :



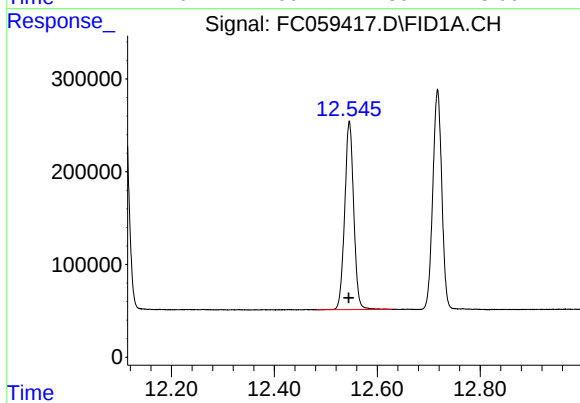
#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: 0.003 min
Response: 2901692
Conc: 19.35 ug/ml



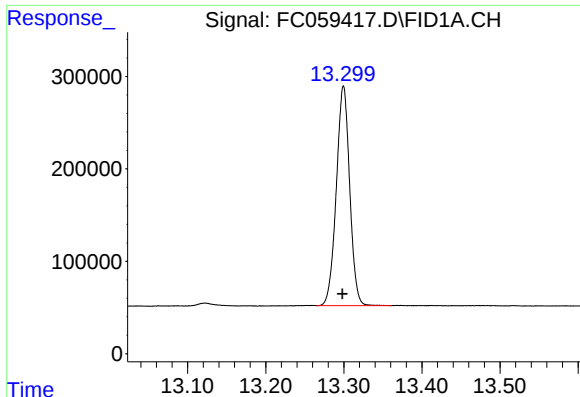
#11 n-Heneicosane (C21)

R.T.: 12.717 min
Delta R.T.: 0.003 min
Response: 2888351
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

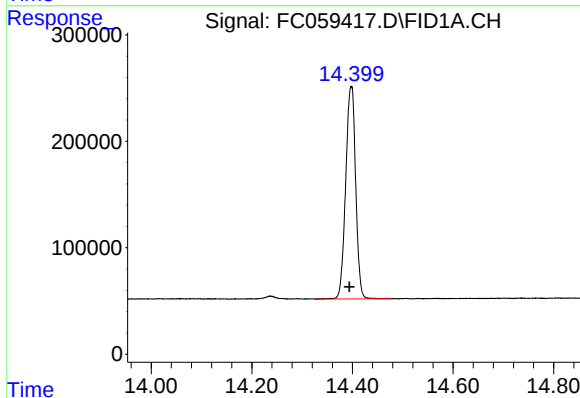
R.T.: 12.546 min
Delta R.T.: 0.001 min
Response: 2471490
Conc: 18.93 ug/ml



#13 n-Docosane (C22)

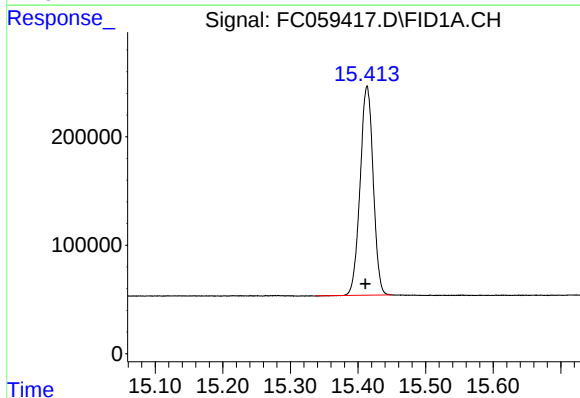
R.T.: 13.300 min
Delta R.T.: 0.001 min
Response: 2823702
Conc: 18.43 ug/ml

Instrument :
FID_C
ClientSampleId :



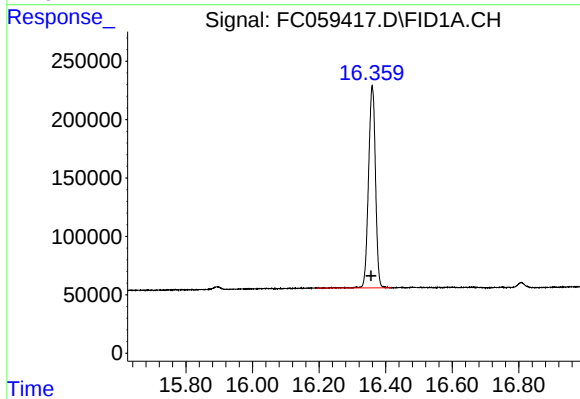
#14 n-Tetracosane (C24)

R.T.: 14.397 min
Delta R.T.: 0.003 min
Response: 2742706
Conc: 17.71 ug/ml



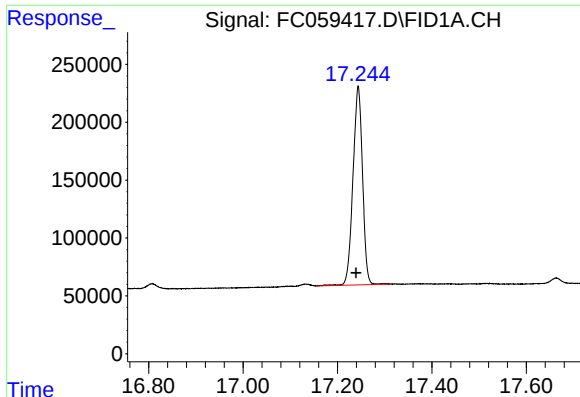
#15 n-Hexacosane (C26)

R.T.: 15.413 min
Delta R.T.: 0.002 min
Response: 2589365
Conc: 16.80 ug/ml



#16 n-Octacosane (C28)

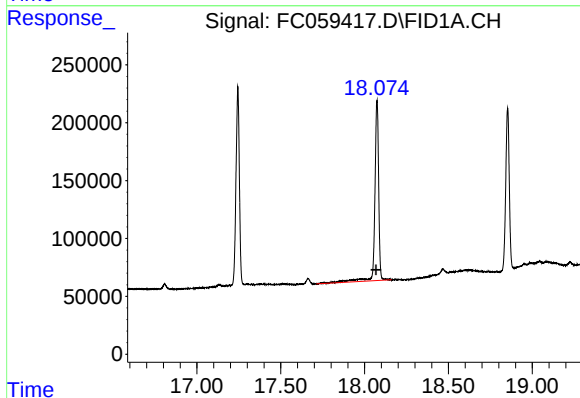
R.T.: 16.360 min
Delta R.T.: 0.004 min
Response: 2508019
Conc: 16.20 ug/ml



#17 n-Tricontane (C30)

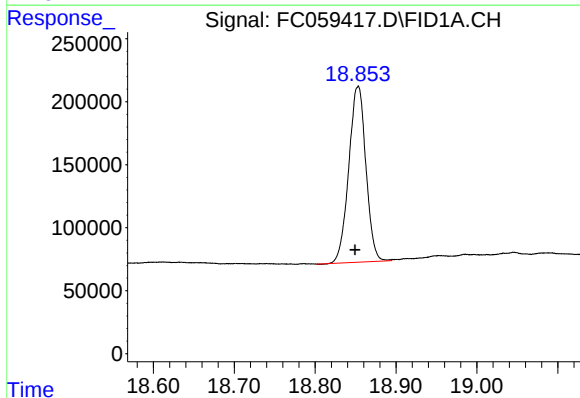
R.T.: 17.244 min
Delta R.T.: 0.005 min
Response: 2408701
Conc: 15.86 ug/ml

Instrument :
FID_C
ClientSampleId :



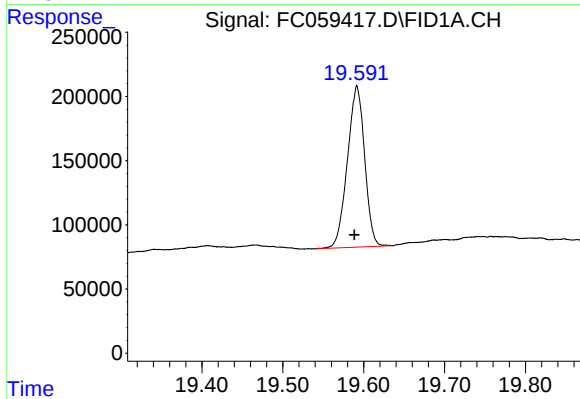
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: 0.006 min
Response: 2499078
Conc: 17.74 ug/ml



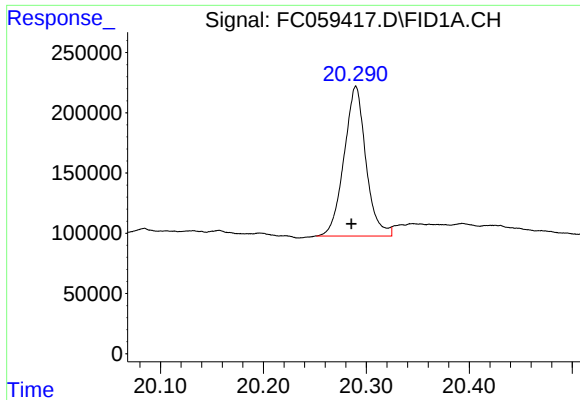
#19 n-Tetratriacontane (C34)

R.T.: 18.853 min
Delta R.T.: 0.003 min
Response: 2051164
Conc: 16.23 ug/ml



#20 n-Hexatriacontane (C36)

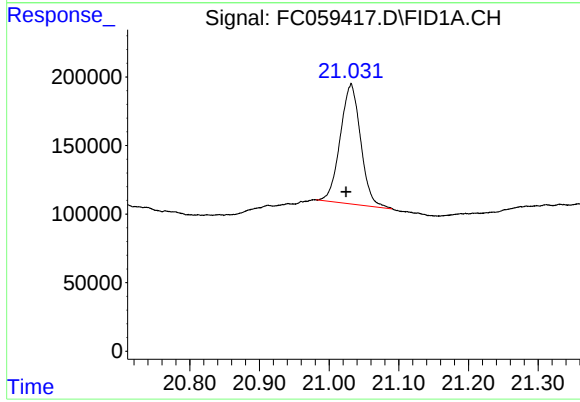
R.T.: 19.591 min
Delta R.T.: 0.003 min
Response: 1854779
Conc: 16.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.289 min
Delta R.T.: 0.004 min
Response: 1831822
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.031 min
Delta R.T.: 0.006 min
Response: 1768971
Conc: 21.18 ug/ml