

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030122AL\
 Data File : FC058512.D
 Signal(s) : FID1A.CH
 Acq On : 01 Mar 2022 13:29
 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: Mar 02 00:08:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.390	2889000	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	12.824	2230705	19.680 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T n-Nonane (C9)	3.248	2520839	20.963 ug/ml
2) T n-Decane (C10)	4.296	2523554	21.206 ug/ml
3) T A~Naphthalene (C11.7)	5.855	2737794	21.095 ug/ml
4) T n-Dodecane (C12)	6.290	2602028	21.152 ug/ml
5) T A~2-methylnaphthalene...	6.899	2736521	20.990 ug/ml
6) T n-Tetradecane (C14)	8.067	2633547	21.017 ug/ml
7) T n-Hexadecane (C16)	9.653	2653334	20.604 ug/ml
8) T n-Octadecane (C18)	11.084	2659060	20.207 ug/ml
10) T n-Eicosane (C20)	12.385	2609483	19.844 ug/ml
11) T n-Heneicosane (C21)	12.993	2595371	19.638 ug/ml
13) T n-Docosane (C22)	13.575	2581717	19.803 ug/ml
14) T n-Tetracosane (C24)	14.672	2541891	19.684 ug/ml
15) T n-Hexacosane (C26)	15.687	2454209	19.840 ug/ml
16) T n-Octacosane (C28)	16.631	2416402	20.300 ug/ml
17) T n-Tricontane (C30)	17.515	2388042	21.215 ug/ml
18) T n-Dotriacontane (C32)	18.342	2283458	21.235 ug/ml
19) T n-Tetratriacontane (C34)	19.123	2110489	21.782 ug/ml
20) T n-Hexatriacontane (C36)	19.859	1954600	21.666 ug/ml
21) T n-Octatriacontane (C38)	20.565	1874809	21.544 ug/ml
22) T n-Tetracontane (C40)	21.390	1873830	22.329 ug/ml

(f)=RT Delta > 1/2 Window

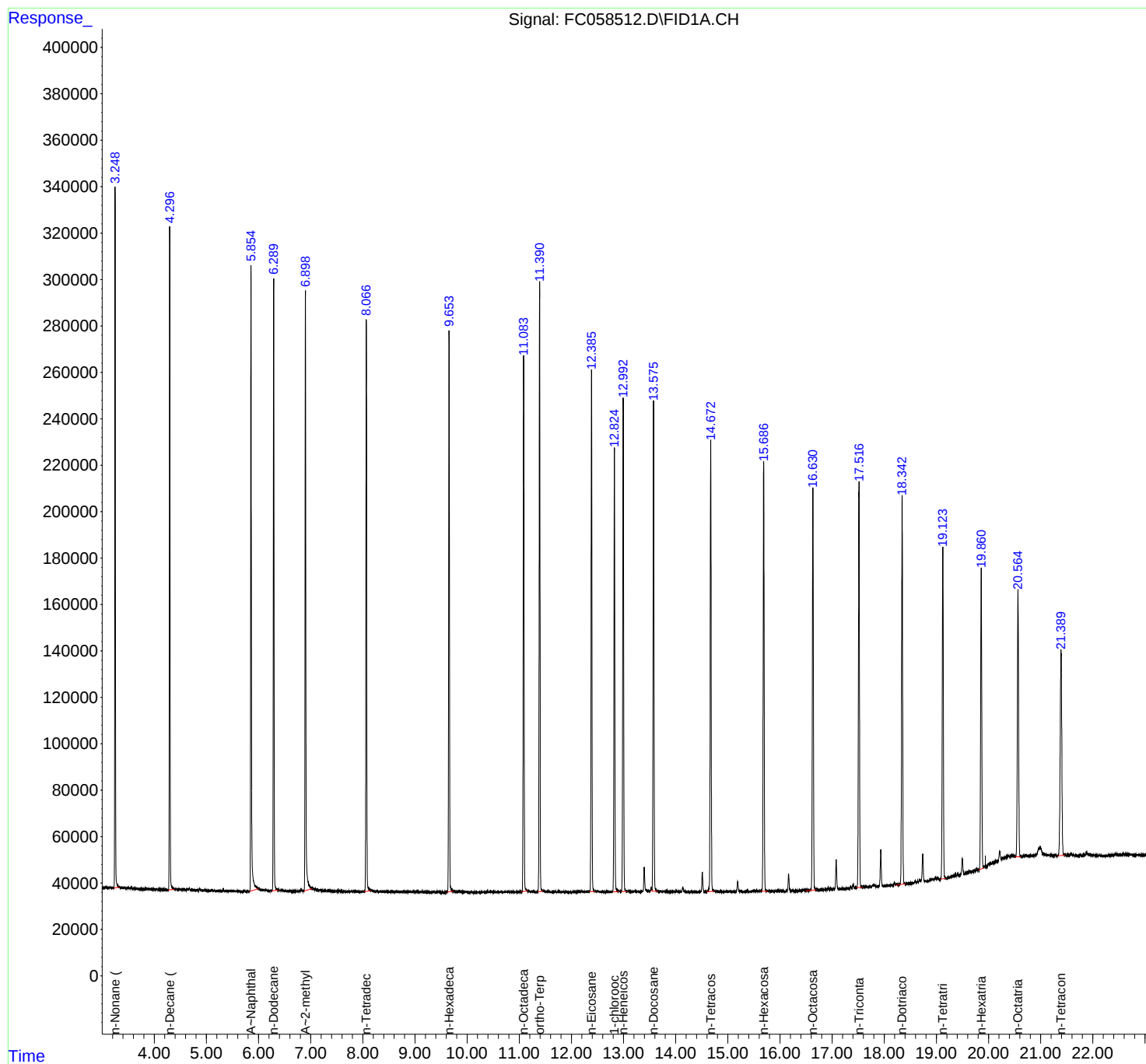
(m)=manual int.

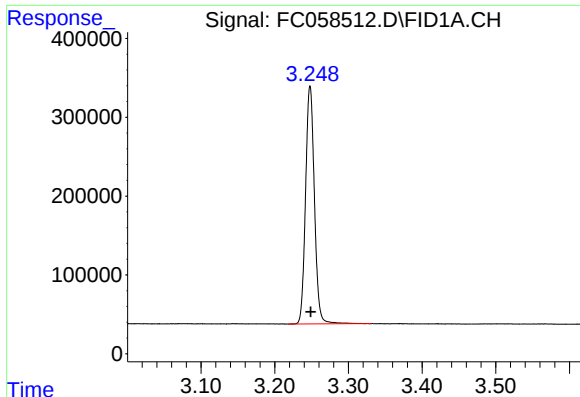
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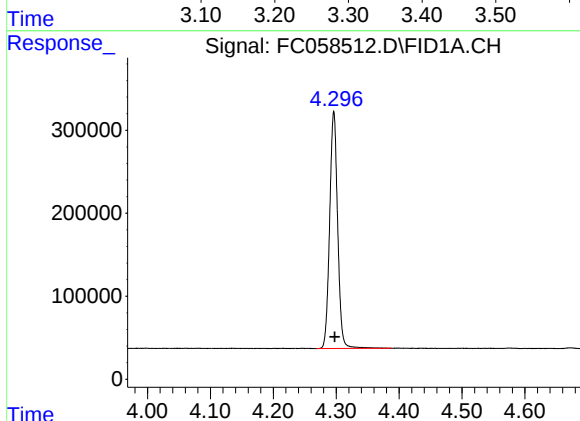




#1 n-Nonane (C9)

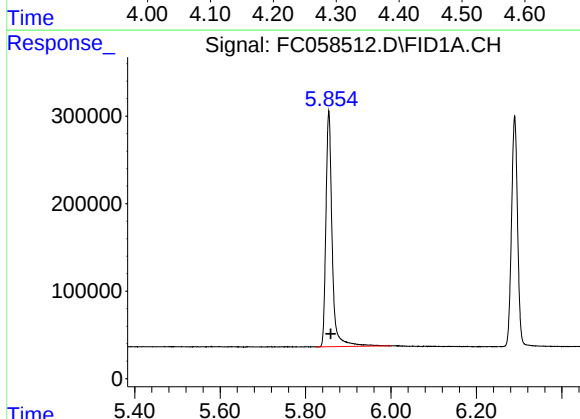
R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 2520839
Conc: 20.96 ug/ml

Instrument :
FID_C
ClientSampleId :



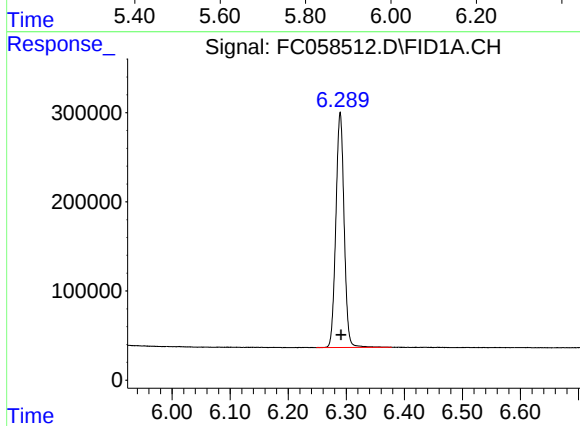
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 2523554
Conc: 21.21 ug/ml



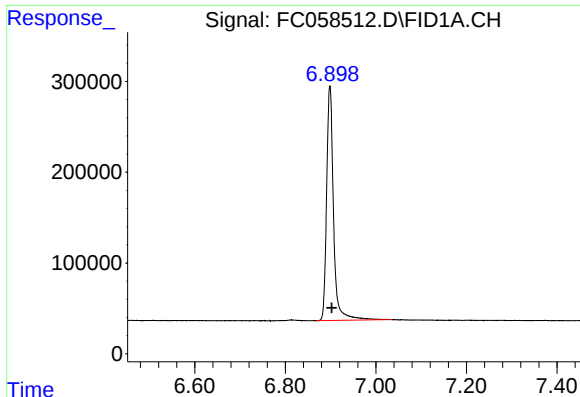
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.005 min
Response: 2737794
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

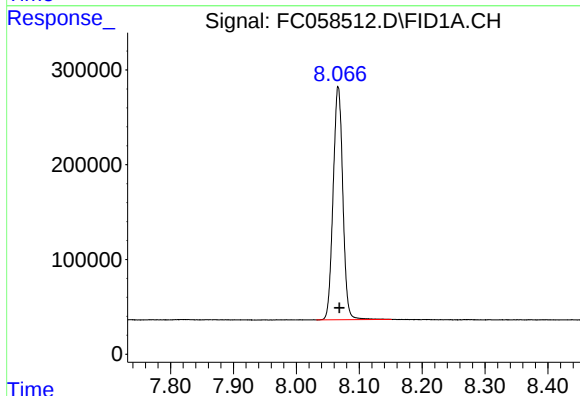
R.T.: 6.290 min
Delta R.T.: -0.002 min
Response: 2602028
Conc: 21.15 ug/ml



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

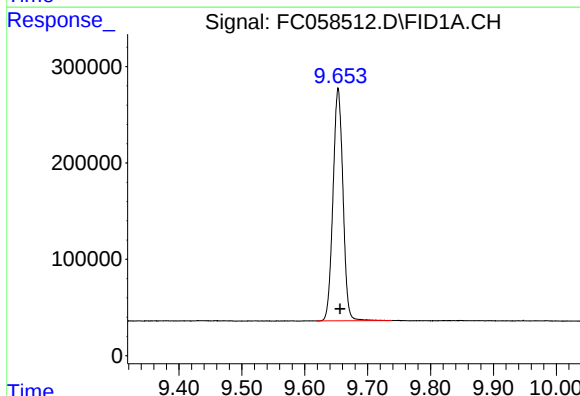
R.T.: 6.899 min
Delta R.T.: -0.004 min
Response: 2736521
Conc: 20.99 ug/ml

Instrument :
FID_C
ClientSampleId :



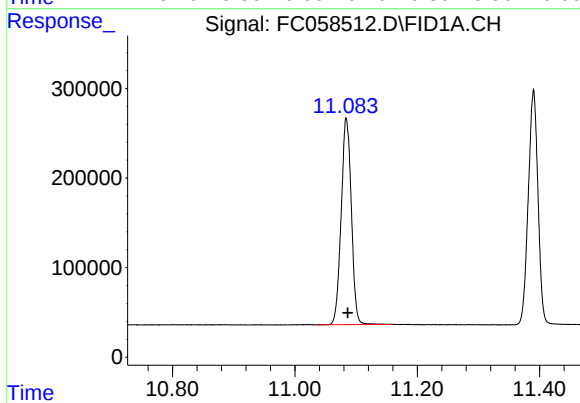
#6 n-Tetradecane (C14)

R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 2633547
Conc: 21.02 ug/ml



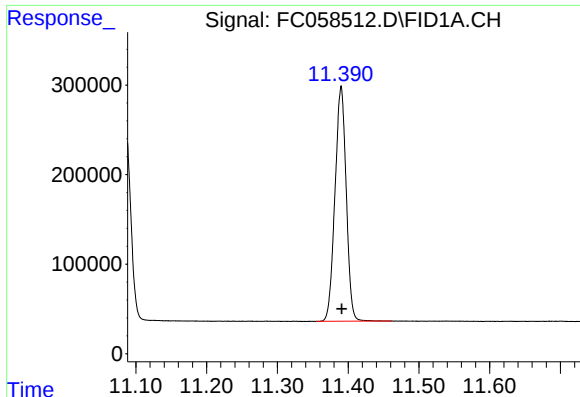
#7 n-Hexadecane (C16)

R.T.: 9.653 min
Delta R.T.: -0.003 min
Response: 2653334
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

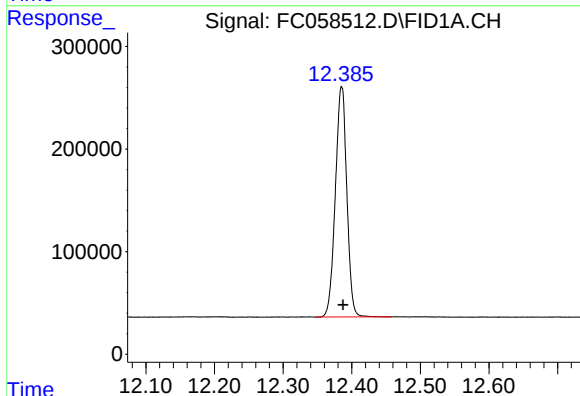
R.T.: 11.084 min
Delta R.T.: -0.002 min
Response: 2659060
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

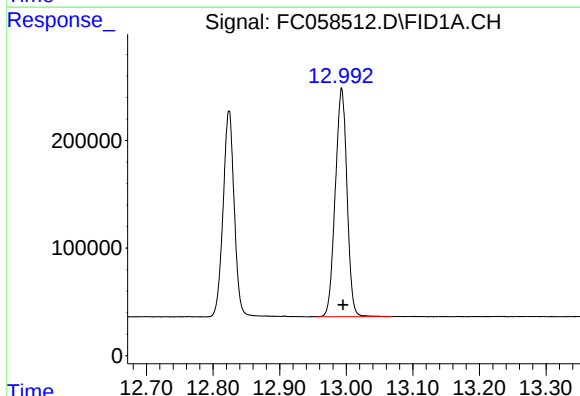
R.T.: 11.390 min
Delta R.T.: -0.001 min
Response: 2889000
Conc: 19.83 ug/ml

Instrument :
FID_C
ClientSampleId :



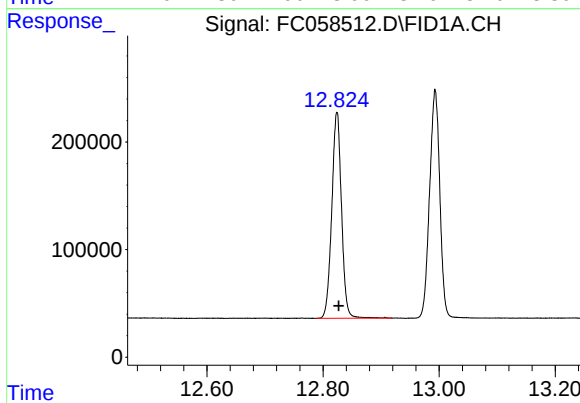
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 2609483
Conc: 19.84 ug/ml



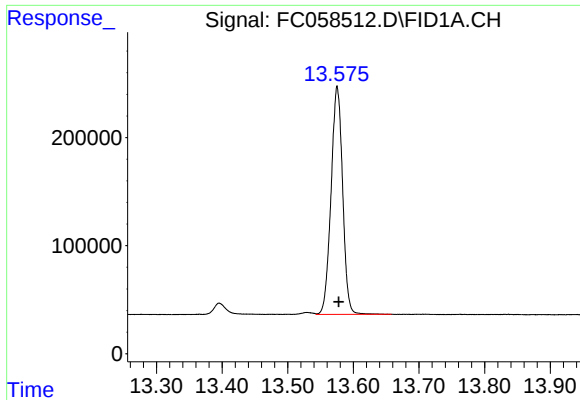
#11 n-Heneicosane (C21)

R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 2595371
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

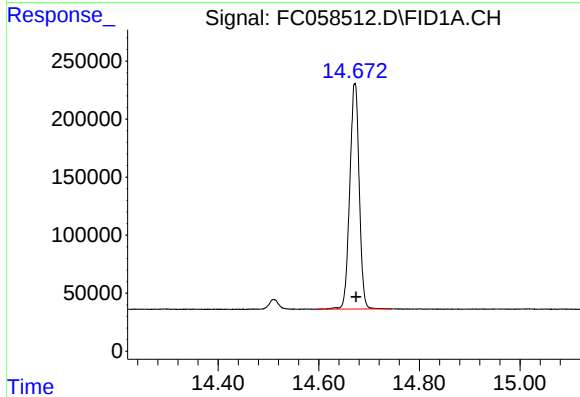
R.T.: 12.824 min
Delta R.T.: -0.003 min
Response: 2230705
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

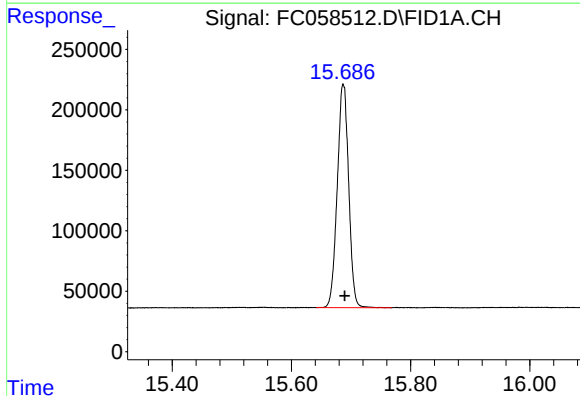
R.T.: 13.575 min
Delta R.T.: -0.003 min
Response: 2581717
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :



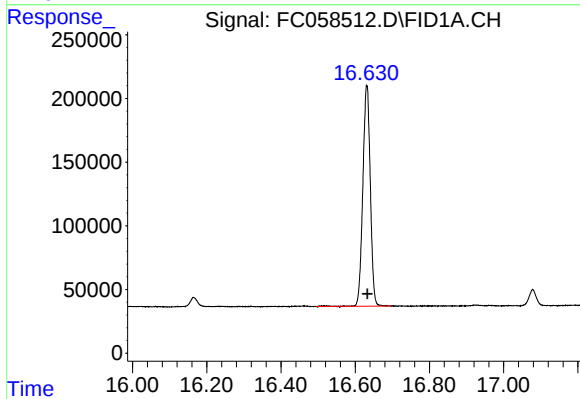
#14 n-Tetracosane (C24)

R.T.: 14.672 min
Delta R.T.: -0.002 min
Response: 2541891
Conc: 19.68 ug/ml



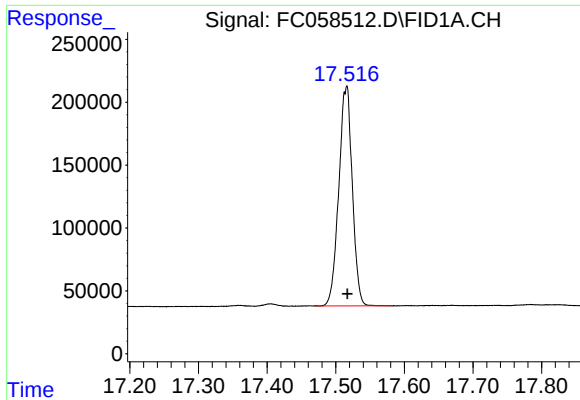
#15 n-Hexacosane (C26)

R.T.: 15.687 min
Delta R.T.: -0.002 min
Response: 2454209
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

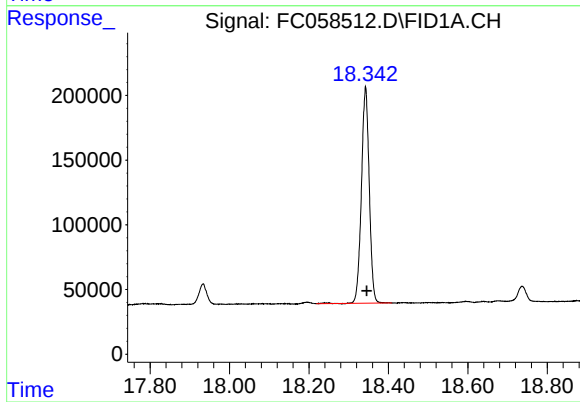
R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2416402
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

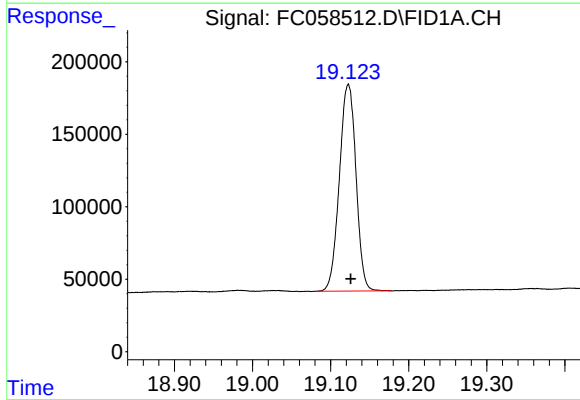
R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 2388042
Conc: 21.22 ug/ml

Instrument :
FID_C
ClientSampleId :



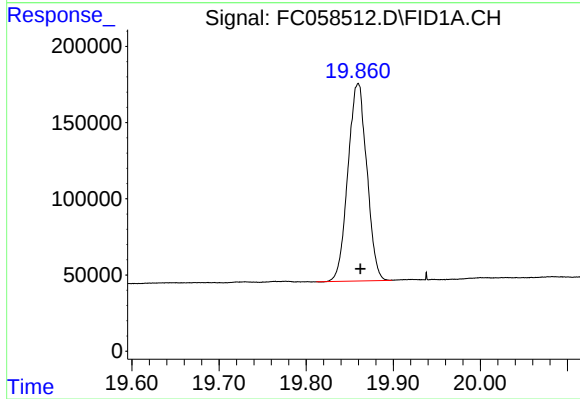
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.004 min
Response: 2283458
Conc: 21.24 ug/ml



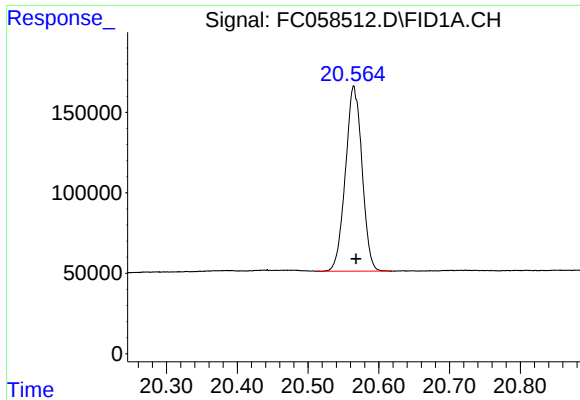
#19 n-Tetratriacontane (C34)

R.T.: 19.123 min
Delta R.T.: -0.003 min
Response: 2110489
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

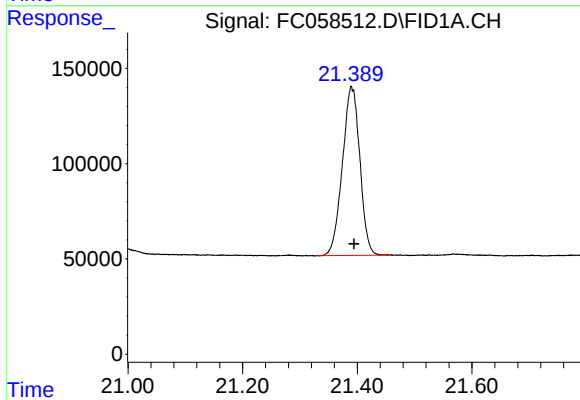
R.T.: 19.859 min
Delta R.T.: -0.003 min
Response: 1954600
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.565 min
Delta R.T.: -0.003 min
Response: 1874809
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.390 min
Delta R.T.: -0.004 min
Response: 1873830
Conc: 22.33 ug/ml