

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120720AL\
 Data File : FC051163.D
 Signal(s) : FID1A.CH
 Acq On : 07 Dec 2020 16:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 08 02:25:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 2020
 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)	11.600	2265223	18.410 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.036	1765511	18.098 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	3.347	2196632	20.641 ug/ml
2) T n-Decane (C10)	4.417	2189559	20.616 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2319464	20.631 ug/ml
4) T n-Dodecane (C12)	6.438	2233828	20.530 ug/ml
5) T A~2-methylnaphthalene...	7.072	2330102	20.618 ug/ml
6) T n-Tetradecane (C14)	8.234	2206152	20.389 ug/ml
7) T n-Hexadecane (C16)	9.837	2143157	19.971 ug/ml
8) T n-Octadecane (C18)	11.279	2190081	19.202 ug/ml
10) T n-Eicosane (C20)	12.589	2151466	18.520 ug/ml
11) T n-Heneicosane (C21)	13.202	2115008	18.255 ug/ml
13) T n-Docosane (C22)	13.788	2086009	18.010 ug/ml
14) T n-Tetracosane (C24)	14.890	2028562	17.638 ug/ml
15) T n-Hexacosane (C26)	15.911	1968705	17.485 ug/ml
16) T n-Octacosane (C28)	16.860	1952476	17.633 ug/ml
17) T n-Tricontane (C30)	17.747	1915595	18.033 ug/ml
18) T n-Dotriacontane (C32)	18.578	1804816	18.471 ug/ml
19) T n-Tetratriacontane (C34)	19.361	2057321	23.051 ug/ml
20) T n-Hexatriacontane (C36)	20.100	2681345	32.149 ug/ml
21) T n-Octatriacontane (C38)	20.844	1938569	24.893 ug/ml
22) T n-Tetracontane (C40)	21.769	1578007	19.058 ug/ml

(f)=RT Delta > 1/2 Window

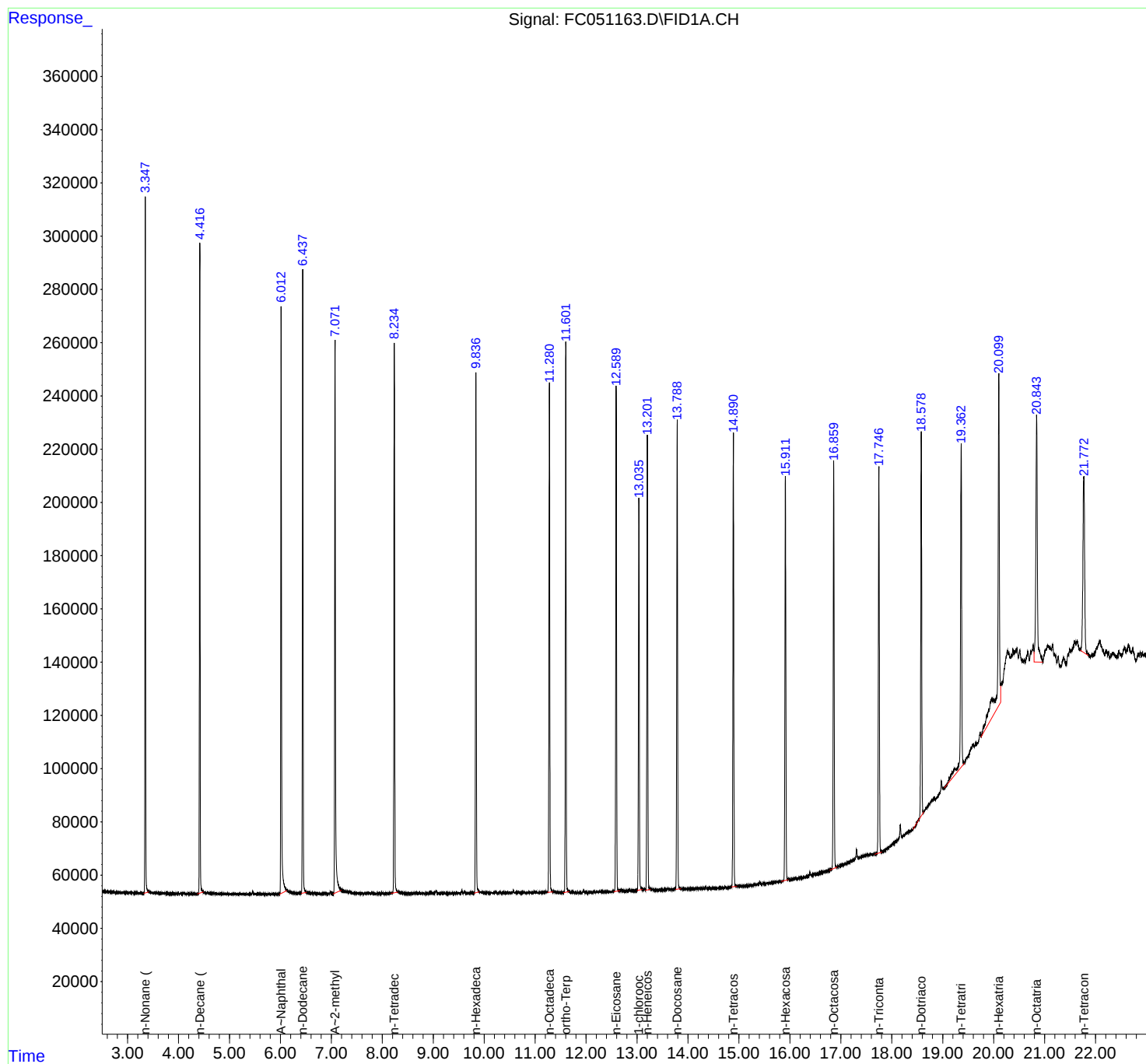
(m)=manual int.

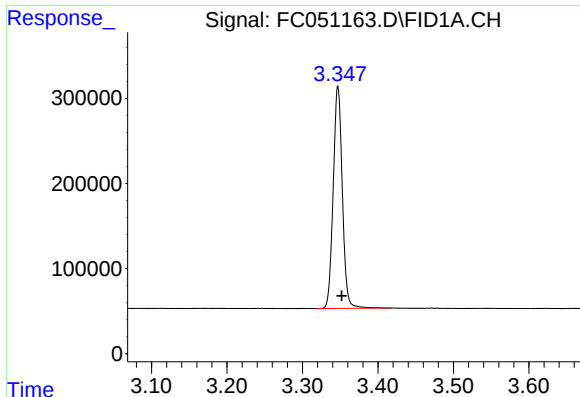
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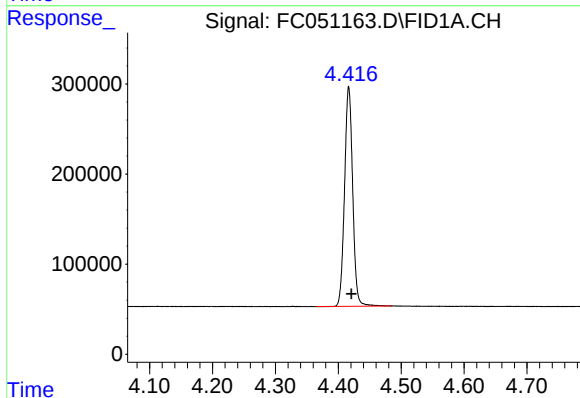




#1 n-Nonane (C9)

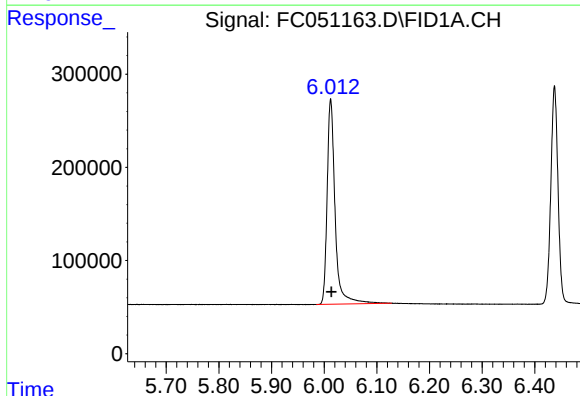
R.T.: 3.347 min
Delta R.T.: -0.005 min
Response: 2196632
Conc: 20.64 ug/ml

Instrument :
FID_C
ClientSampleId :



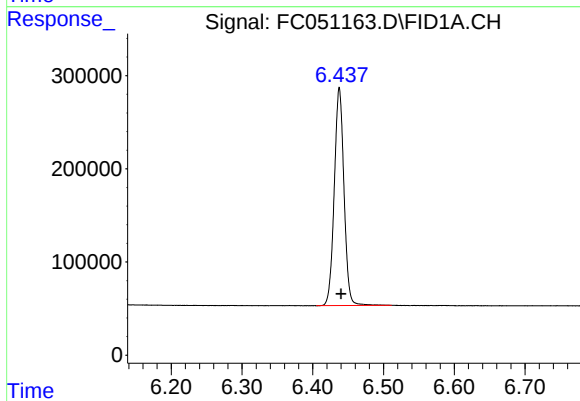
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: -0.004 min
Response: 2189559
Conc: 20.62 ug/ml



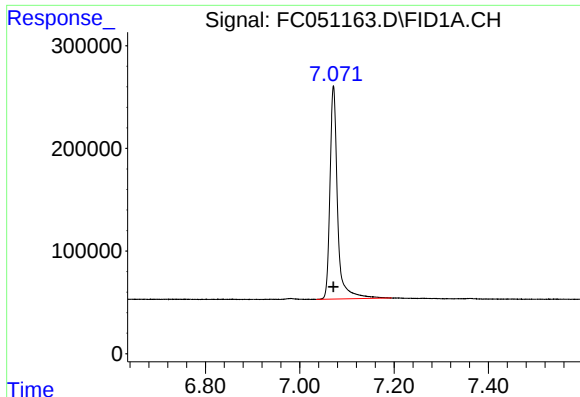
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 2319464
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

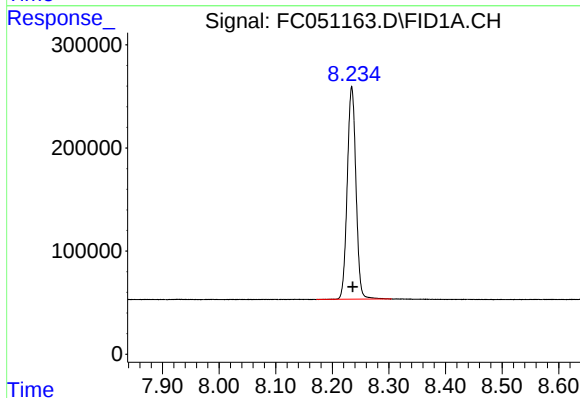
R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 2233828
Conc: 20.53 ug/ml



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

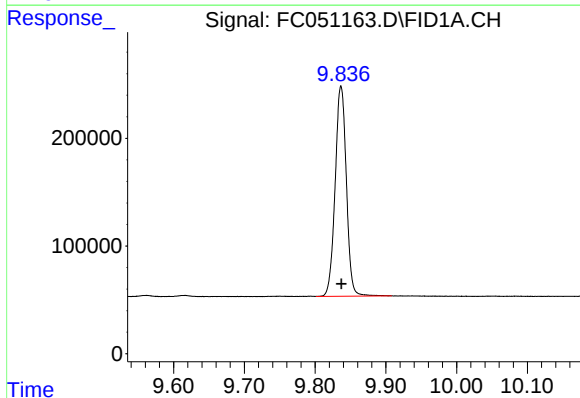
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 2330102
Conc: 20.62 ug/ml

Instrument :
FID_C
ClientSampleId :



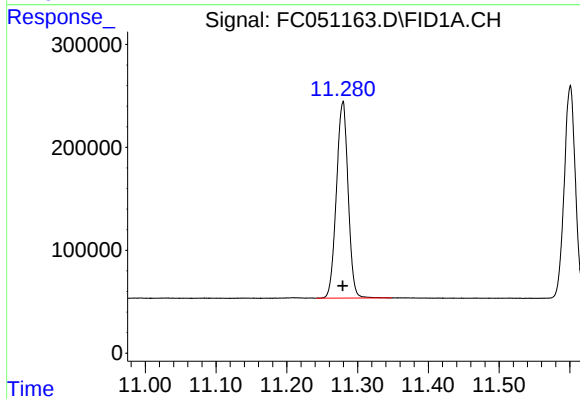
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.002 min
Response: 2206152
Conc: 20.39 ug/ml



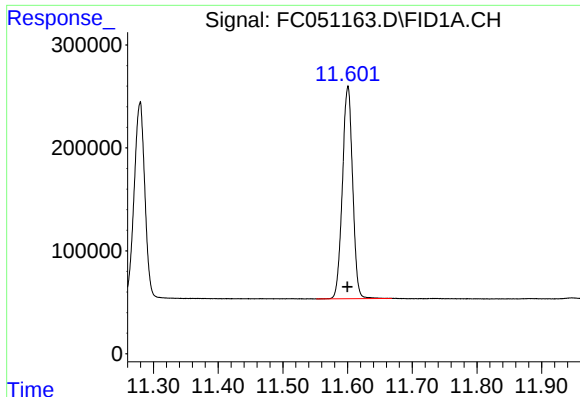
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 2143157
Conc: 19.97 ug/ml



#8 n-Octadecane (C18)

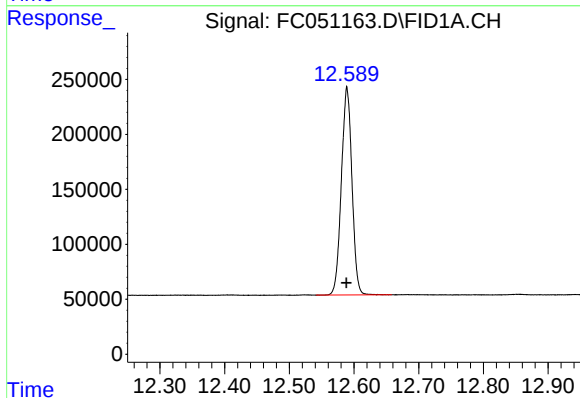
R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 2190081
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

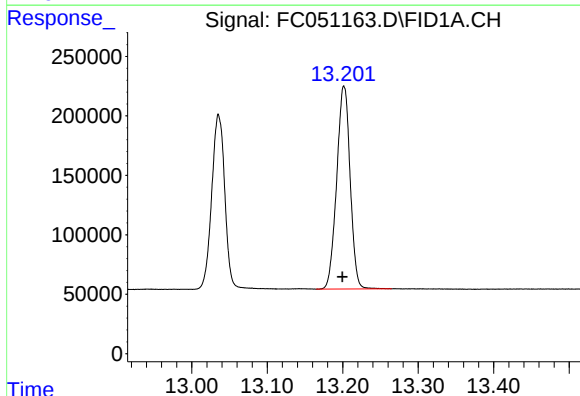
R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2265223
Conc: 18.41 ug/ml

Instrument :
FID_C
ClientSampleId :



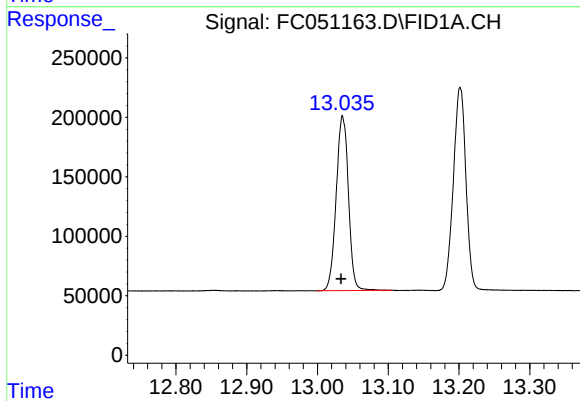
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 2151466
Conc: 18.52 ug/ml



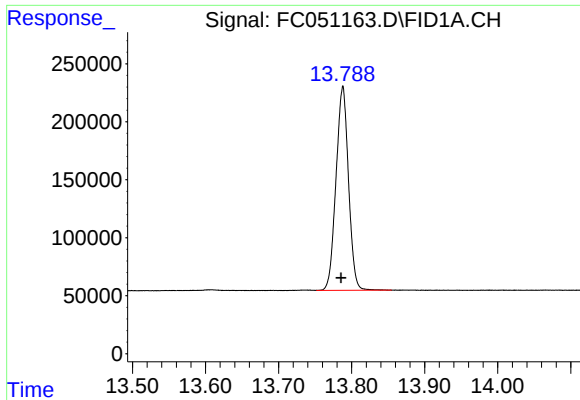
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: 0.002 min
Response: 2115008
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

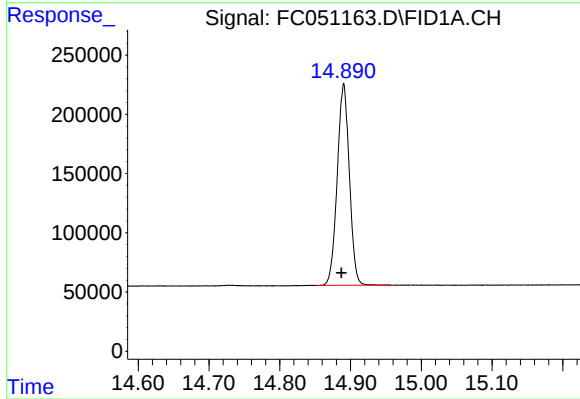
R.T.: 13.036 min
Delta R.T.: 0.002 min
Response: 1765511
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

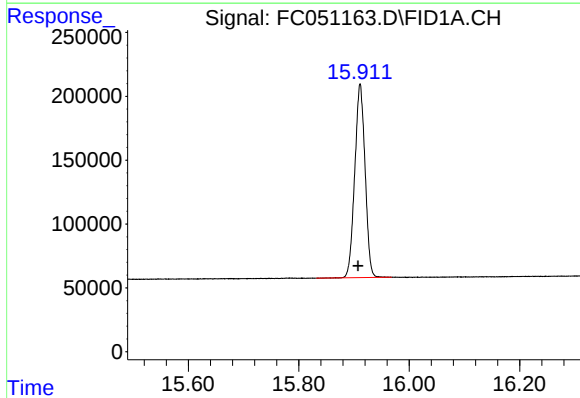
R.T.: 13.788 min
Delta R.T.: 0.002 min
Response: 2086009
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :



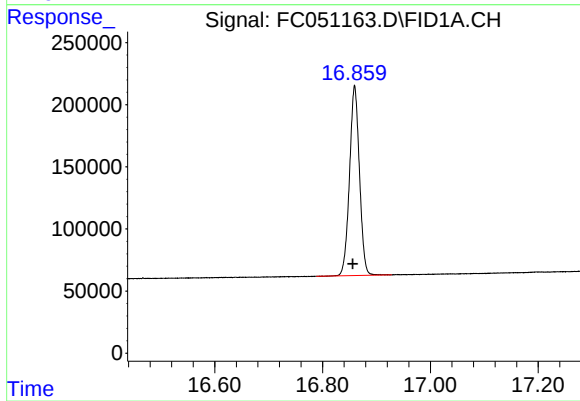
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: 0.003 min
Response: 2028562
Conc: 17.64 ug/ml



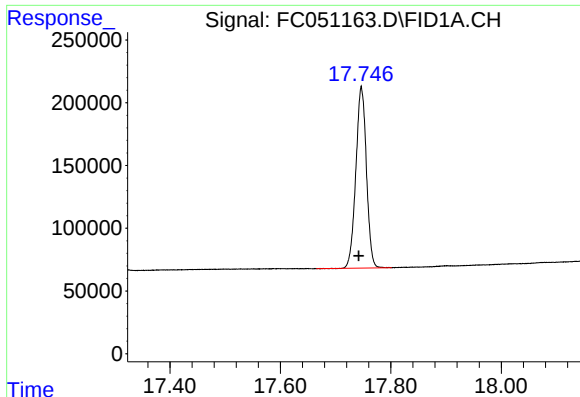
#15 n-Hexacosane (C26)

R.T.: 15.911 min
Delta R.T.: 0.004 min
Response: 1968705
Conc: 17.48 ug/ml



#16 n-Octacosane (C28)

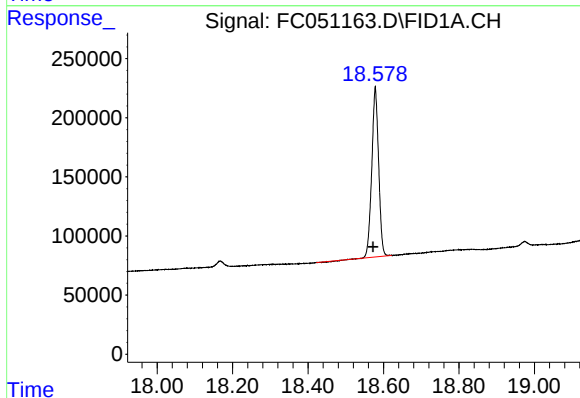
R.T.: 16.860 min
Delta R.T.: 0.004 min
Response: 1952476
Conc: 17.63 ug/ml



#17 n-Tricontane (C30)

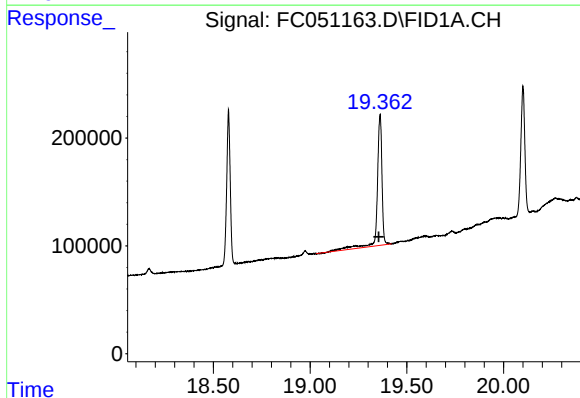
R.T.: 17.747 min
Delta R.T.: 0.005 min
Response: 1915595
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :



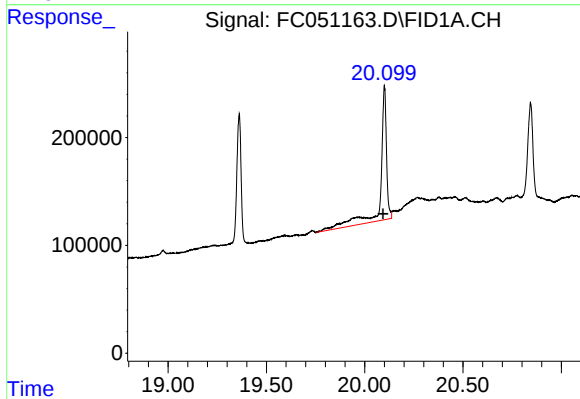
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: 0.006 min
Response: 1804816
Conc: 18.47 ug/ml



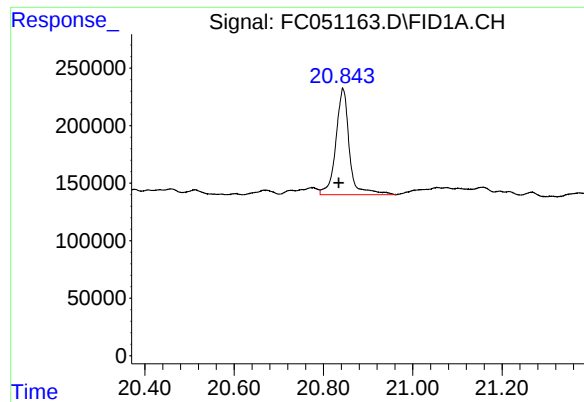
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.007 min
Response: 2057321
Conc: 23.05 ug/ml



#20 n-Hexatriacontane (C36)

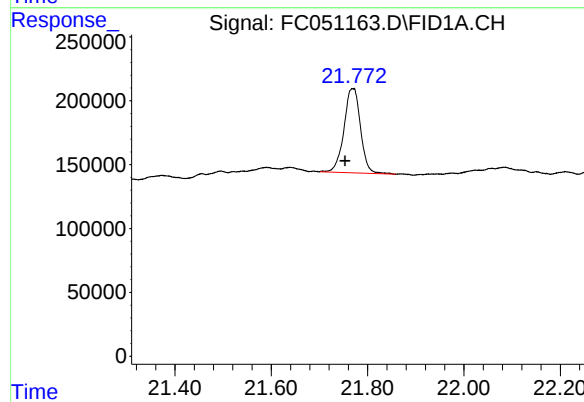
R.T.: 20.100 min
Delta R.T.: 0.006 min
Response: 2681345
Conc: 32.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.844 min
Delta R.T.: 0.010 min
Response: 1938569
Conc: 24.89 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.769 min
Delta R.T.: 0.016 min
Response: 1578007
Conc: 19.06 ug/ml