

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052120AL\
 Data File : FC047553.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2020 23:58
 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: May 22 02:00:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.737	2335093	19.534 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	13.150	1890554	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.547	2224728	21.945 ug/ml
2) T n-Decane (C10)	4.610	2265997	22.175 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2256224	21.668 ug/ml
4) T n-Dodecane (C12)	6.610	2315117	21.918 ug/ml
5) T A~2-methylnaphthalene...	7.256	2249041	21.417 ug/ml
6) T n-Tetradecane (C14)	8.388	2287005	21.621 ug/ml
7) T n-Hexadecane (C16)	9.974	2221305	20.994 ug/ml
8) T n-Octadecane (C18)	11.405	2277810	20.342 ug/ml
10) T n-Eicosane (C20)	12.704	2245973	19.738 ug/ml
11) T n-Heneicosane (C21)	13.312	2211081	19.448 ug/ml
13) T n-Docosane (C22)	13.894	2206187	19.414 ug/ml
14) T n-Tetracosane (C24)	14.989	2201013	19.453 ug/ml
15) T n-Hexacosane (C26)	16.003	2141532	19.120 ug/ml
16) T n-Octacosane (C28)	16.947	2139490	19.182 ug/ml
17) T n-Tricontane (C30)	17.829	2118856	19.597 ug/ml
18) T n-Dotriacontane (C32)	18.657	1975275	20.030 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1826342	19.911 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1770914	20.420 ug/ml
21) T n-Octatriacontane (C38)	20.922	1666317	20.652 ug/ml
22) T n-Tetracontane (C40)	21.864	1764984	21.704 ug/ml

(f)=RT Delta > 1/2 Window

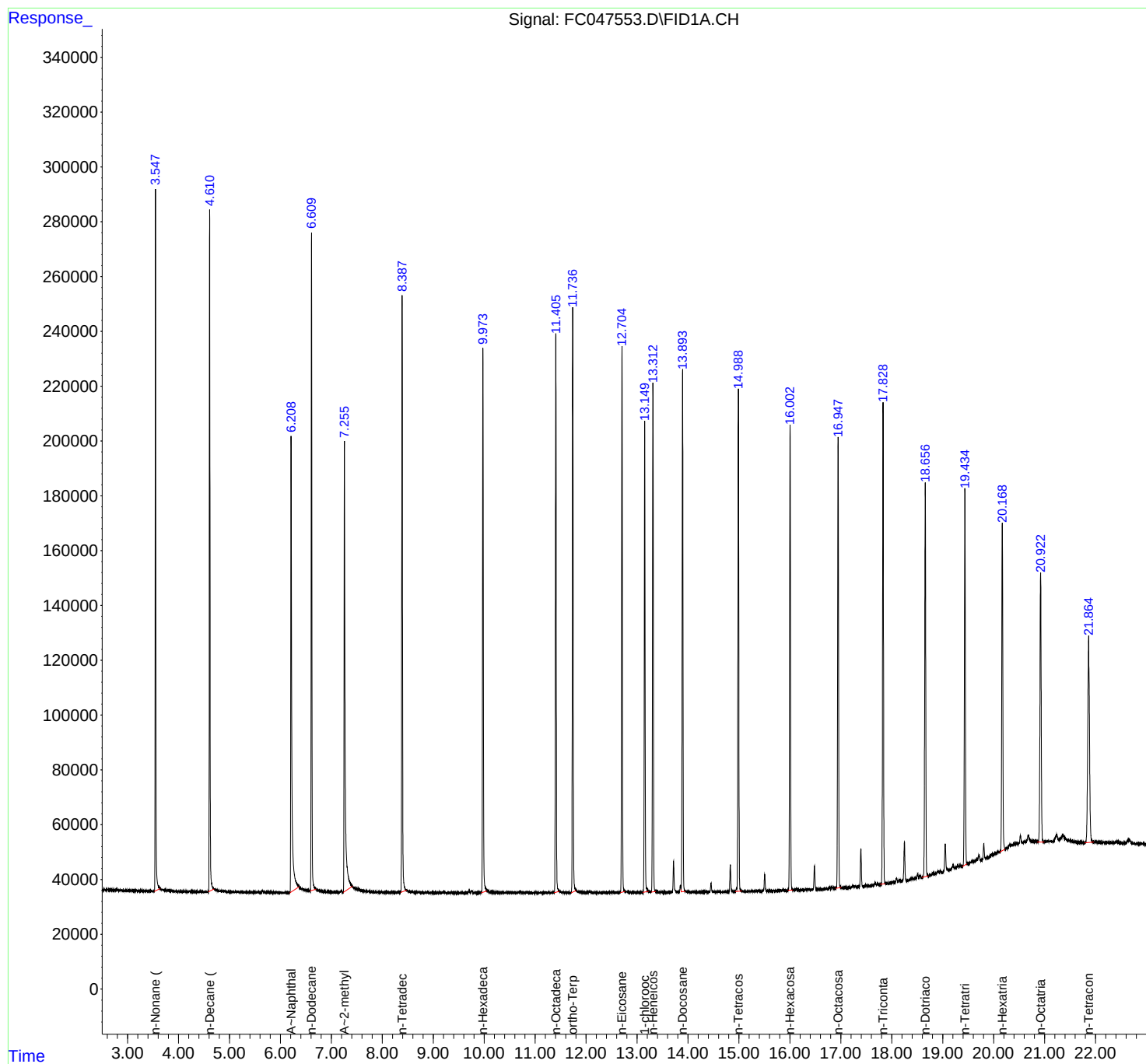
(m)=manual int.

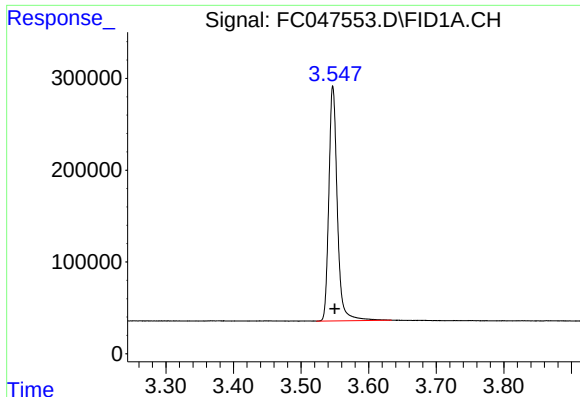
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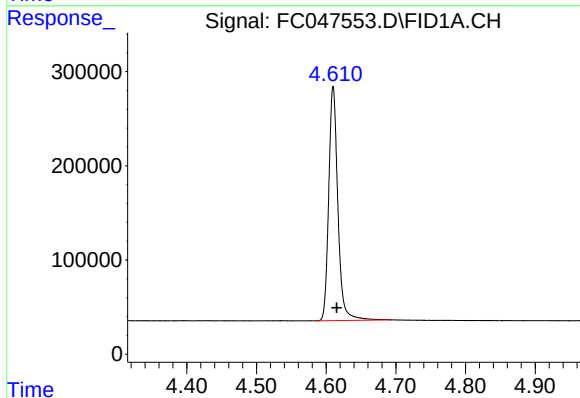




#1 n-Nonane (C9)

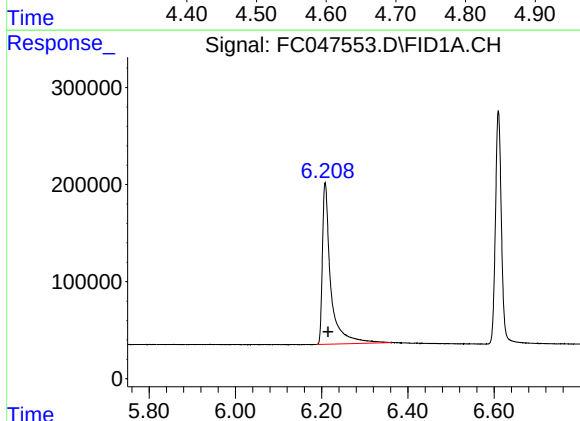
R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 2224728
Conc: 21.95 ug/ml

Instrument :
FID_C
ClientSampleId :



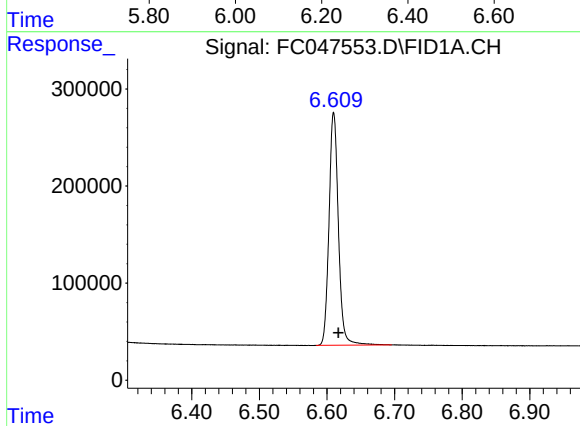
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.005 min
Response: 2265997
Conc: 22.17 ug/ml



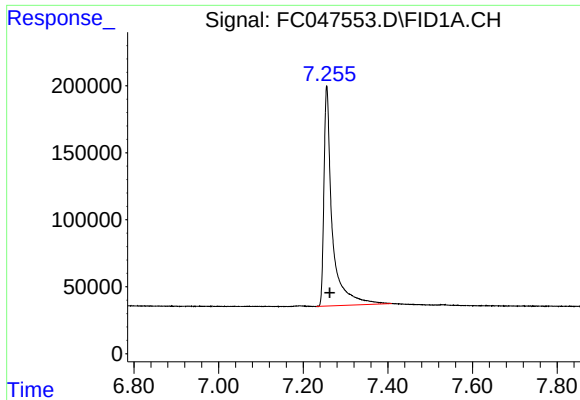
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 2256224
Conc: 21.67 ug/ml



#4 n-Dodecane (C12)

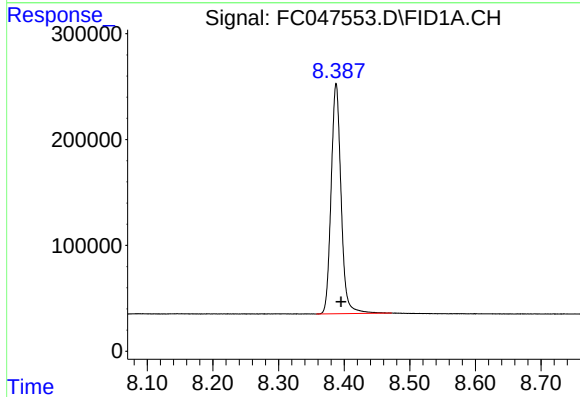
R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 2315117
Conc: 21.92 ug/ml



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

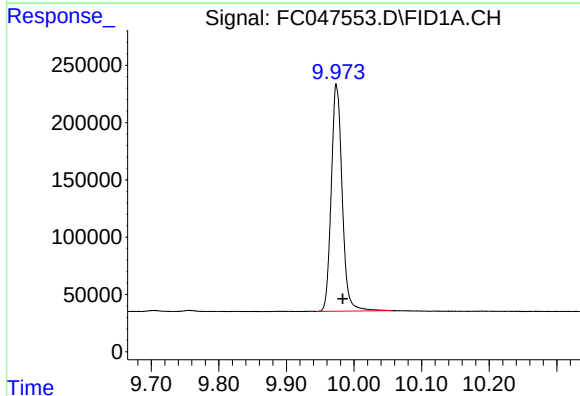
R.T.: 7.256 min
Delta R.T.: -0.007 min
Response: 2249041
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :



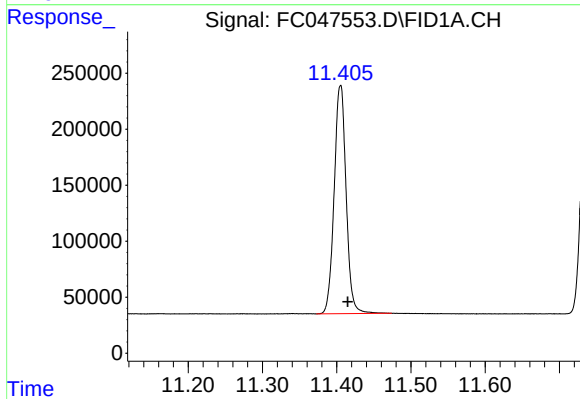
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.007 min
Response: 2287005
Conc: 21.62 ug/ml



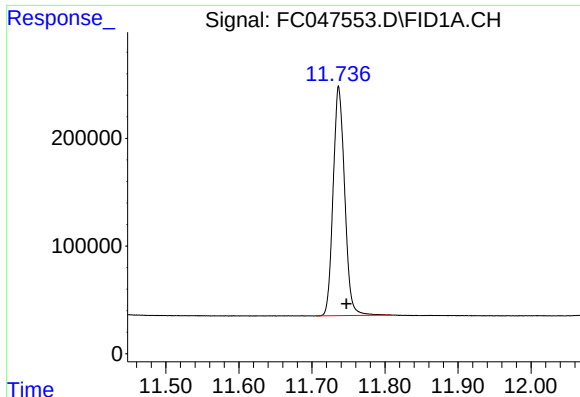
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.009 min
Response: 2221305
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

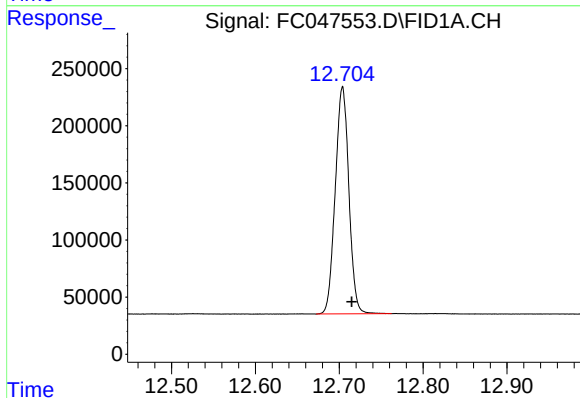
R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2277810
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

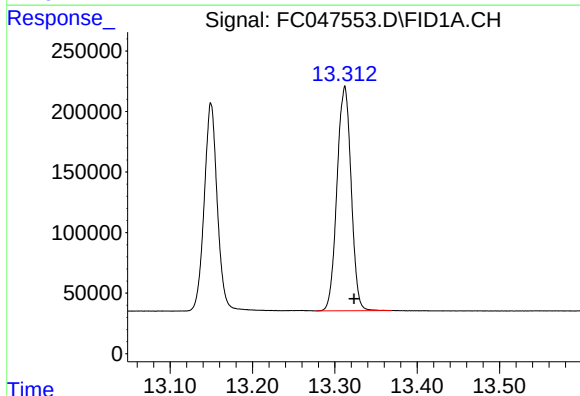
R.T.: 11.737 min
Delta R.T.: -0.011 min
Response: 2335093
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :



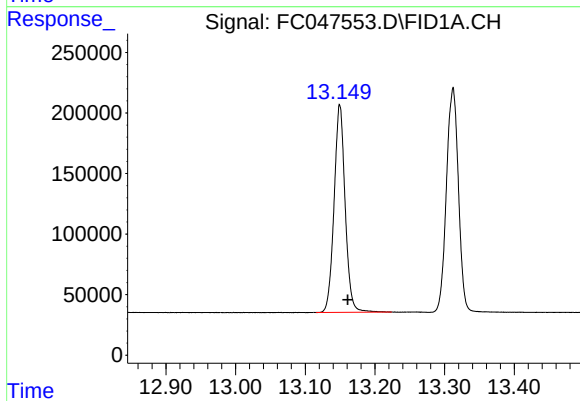
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2245973
Conc: 19.74 ug/ml



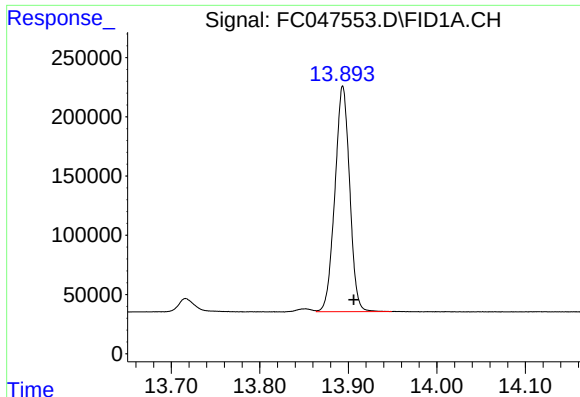
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.011 min
Response: 2211081
Conc: 19.45 ug/ml



#12 1-chlorooctadecane (SURR)

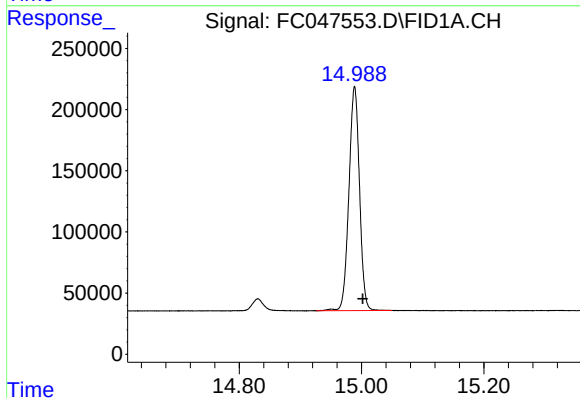
R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 1890554
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

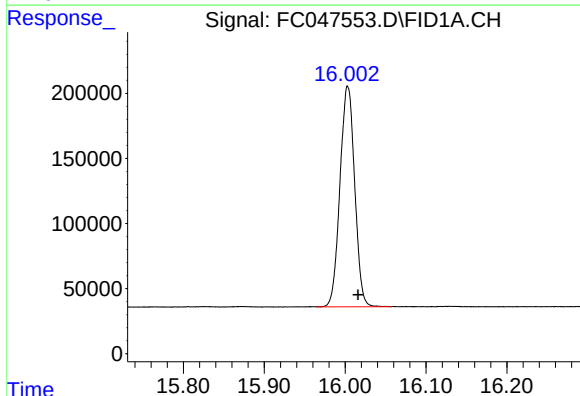
R.T.: 13.894 min
Delta R.T.: -0.013 min
Response: 2206187
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :



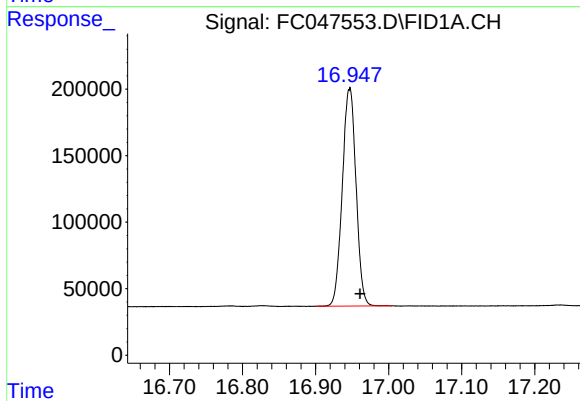
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.013 min
Response: 2201013
Conc: 19.45 ug/ml



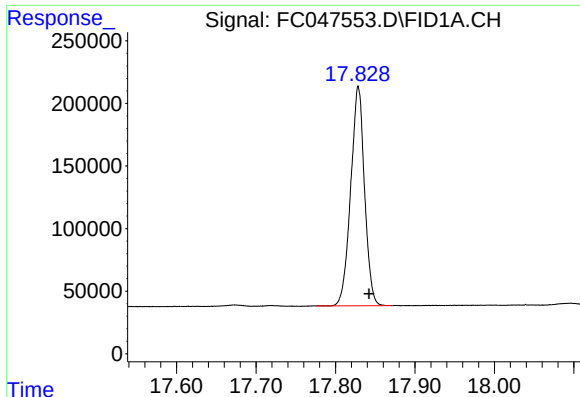
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.013 min
Response: 2141532
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

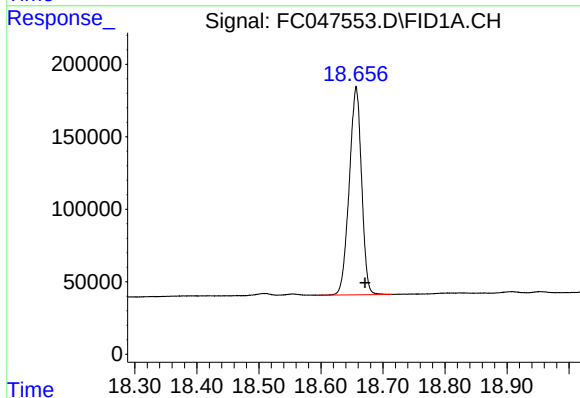
R.T.: 16.947 min
Delta R.T.: -0.014 min
Response: 2139490
Conc: 19.18 ug/ml



#17 n-Tricontane (C30)

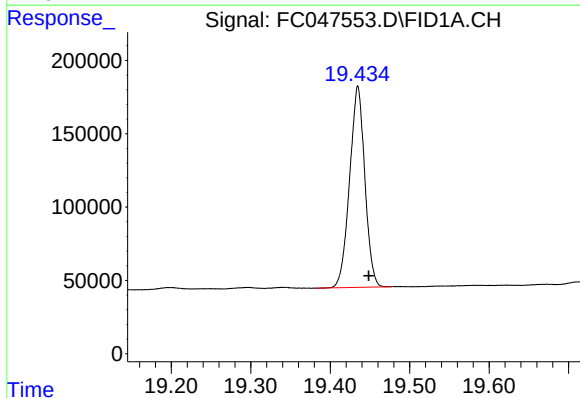
R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2118856
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :



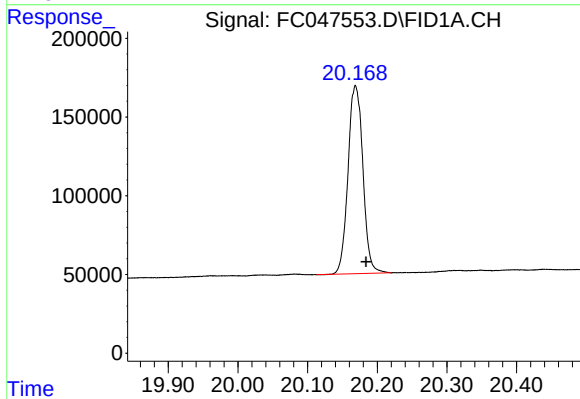
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.015 min
Response: 1975275
Conc: 20.03 ug/ml



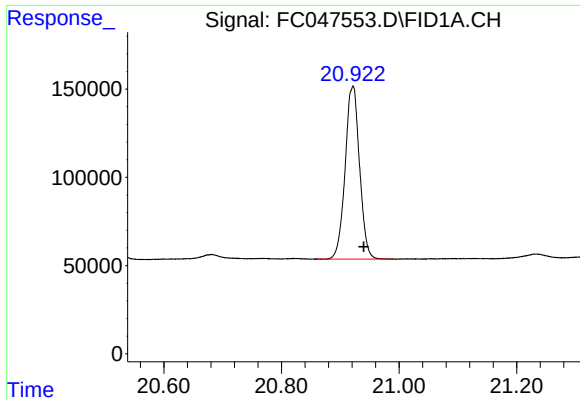
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.013 min
Response: 1826342
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

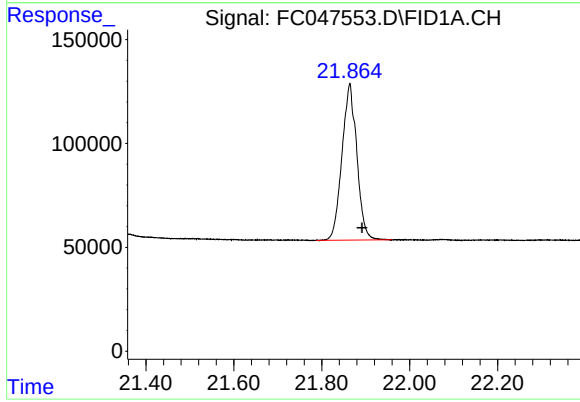
R.T.: 20.169 min
Delta R.T.: -0.015 min
Response: 1770914
Conc: 20.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.018 min
Response: 1666317
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.028 min
Response: 1764984
Conc: 21.70 ug/ml