

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052120AL\
 Data File : FC047537.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2020 10:38
 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 01:57:51 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)	11.736	2288421	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.149	1847423	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.546	2154265	21.250 ug/ml
2) T n-Decane (C10)	4.610	2192298	21.453 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2171015	20.849 ug/ml
4) T n-Dodecane (C12)	6.610	2250431	21.306 ug/ml
5) T A~2-methylnaphthalene...	7.255	2177924	20.739 ug/ml
6) T n-Tetradecane (C14)	8.387	2229350	21.076 ug/ml
7) T n-Hexadecane (C16)	9.974	2172343	20.531 ug/ml
8) T n-Octadecane (C18)	11.405	2230023	19.915 ug/ml
10) T n-Eicosane (C20)	12.704	2202766	19.359 ug/ml
11) T n-Heneicosane (C21)	13.311	2169353	19.081 ug/ml
13) T n-Docosane (C22)	13.893	2159540	19.004 ug/ml
14) T n-Tetracosane (C24)	14.988	2153200	19.030 ug/ml
15) T n-Hexacosane (C26)	16.004	2090884	18.668 ug/ml
16) T n-Octacosane (C28)	16.947	2085519	18.698 ug/ml
17) T n-Tricontane (C30)	17.829	2059838	19.051 ug/ml
18) T n-Dotriacontane (C32)	18.656	1914597	19.415 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1770481	19.302 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1752163	20.204 ug/ml
21) T n-Octatriacontane (C38)	20.920	1625380	20.144 ug/ml
22) T n-Tetracontane (C40)	21.859	1750660	21.528 ug/ml

(f)=RT Delta > 1/2 Window

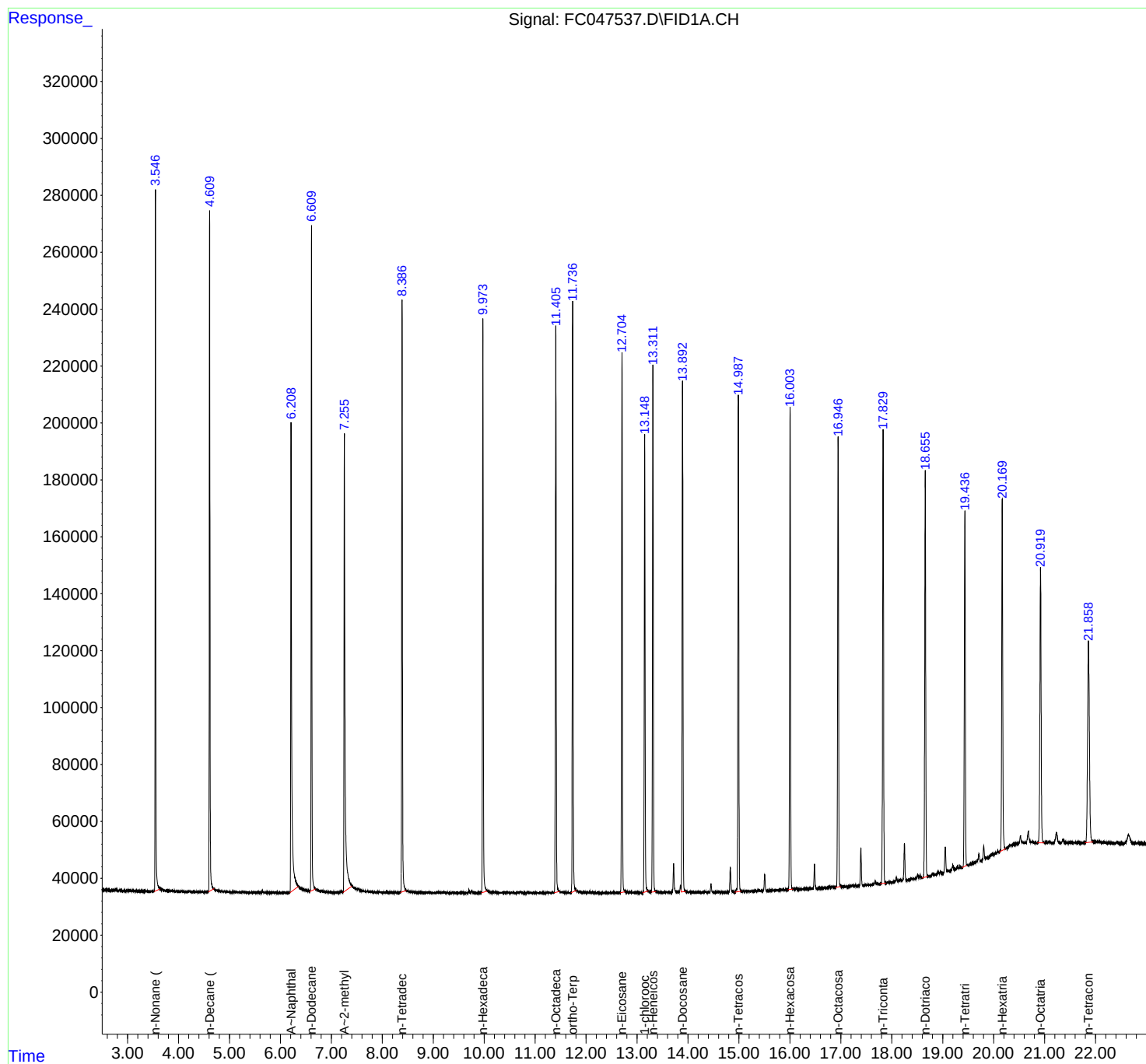
(m)=manual int.

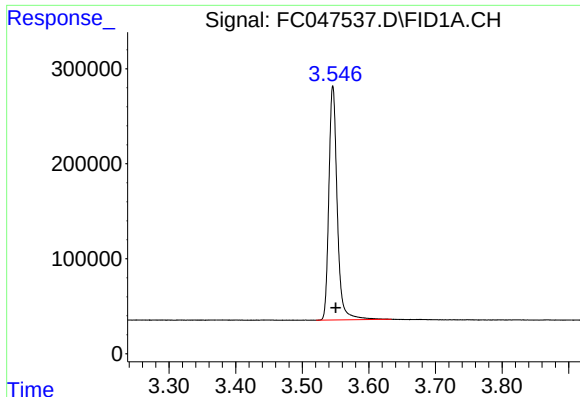
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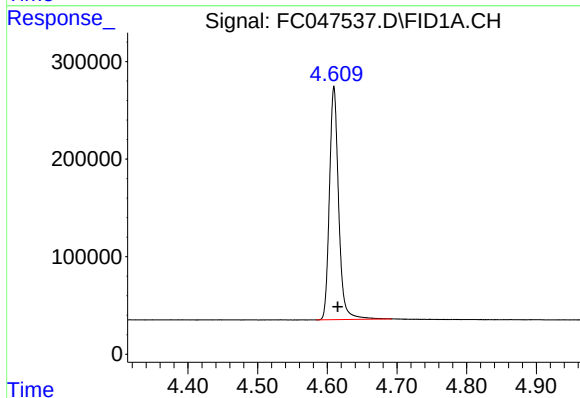




#1 n-Nonane (C9)

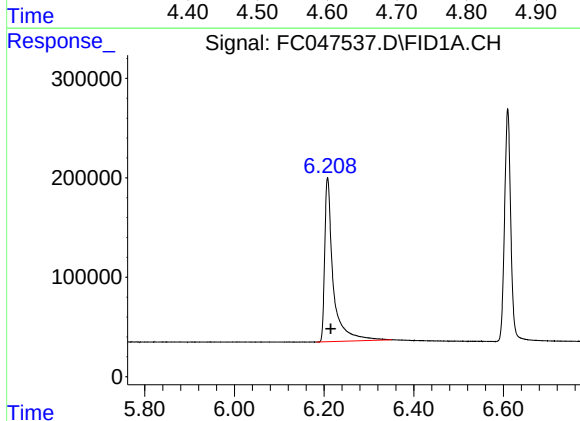
R.T.: 3.546 min
Delta R.T.: -0.004 min
Response: 2154265
Conc: 21.25 ug/ml

Instrument :
FID_C
ClientSampleId :



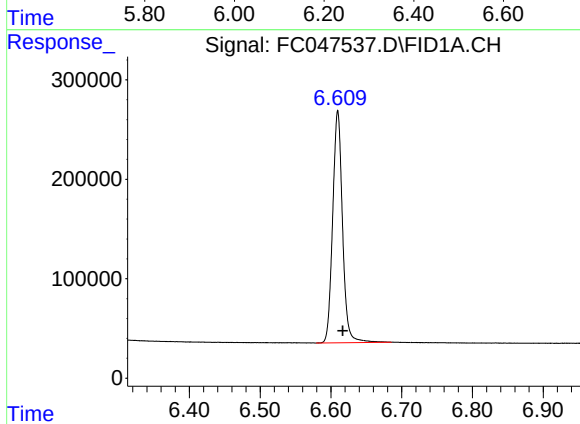
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.005 min
Response: 2192298
Conc: 21.45 ug/ml



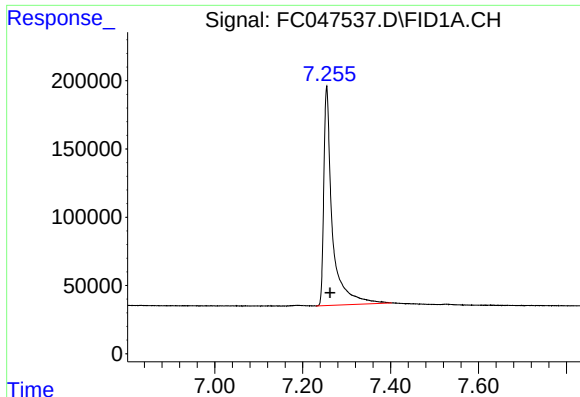
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 2171015
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

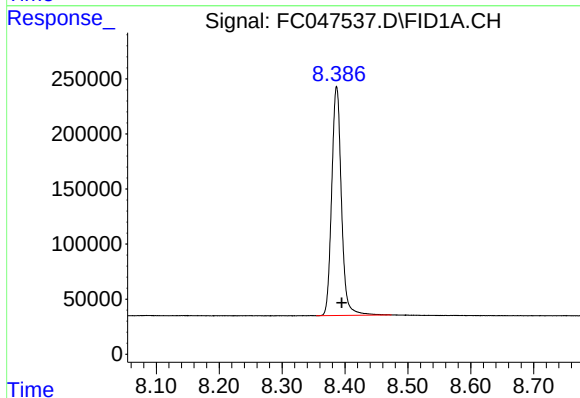
R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 2250431
Conc: 21.31 ug/ml



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

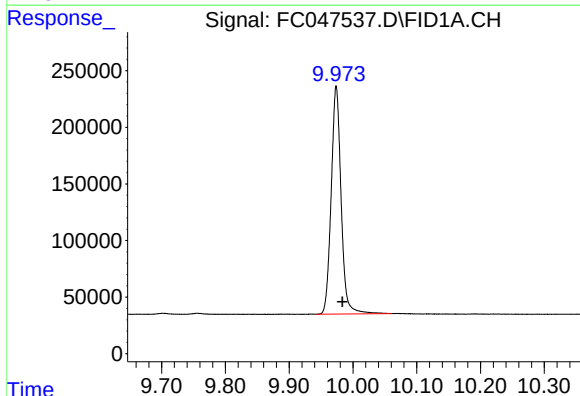
R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2177924
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :



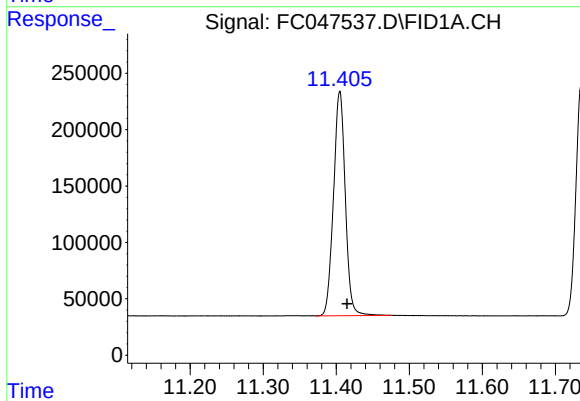
#6 n-Tetradecane (C14)

R.T.: 8.387 min
Delta R.T.: -0.008 min
Response: 2229350
Conc: 21.08 ug/ml



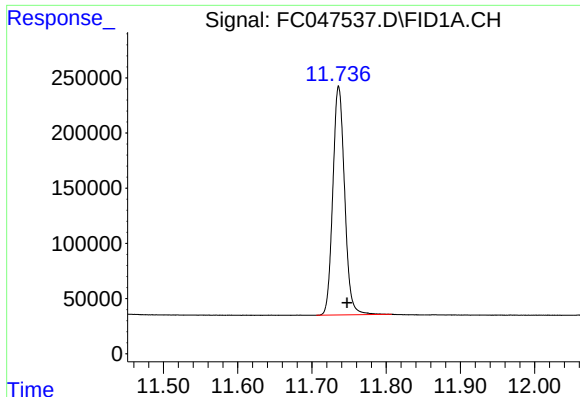
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.010 min
Response: 2172343
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

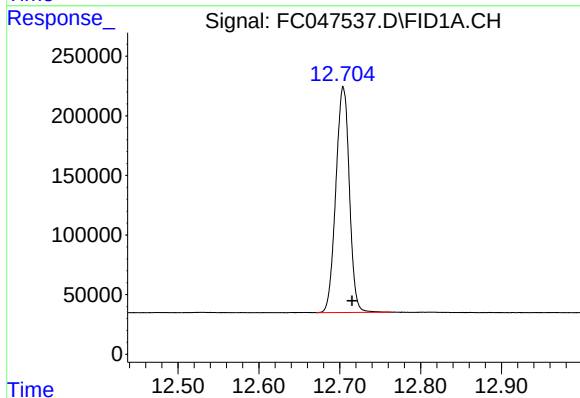
R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2230023
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

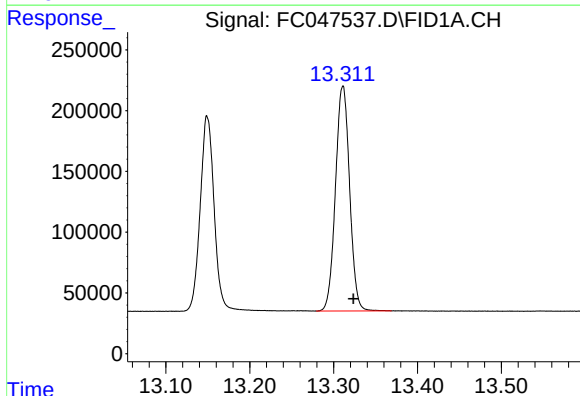
R.T.: 11.736 min
Delta R.T.: -0.011 min
Response: 2288421
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



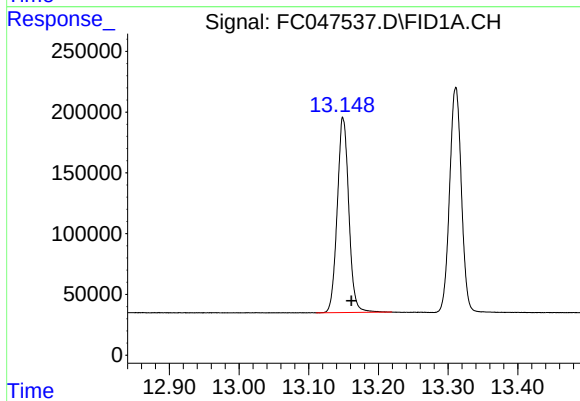
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2202766
Conc: 19.36 ug/ml



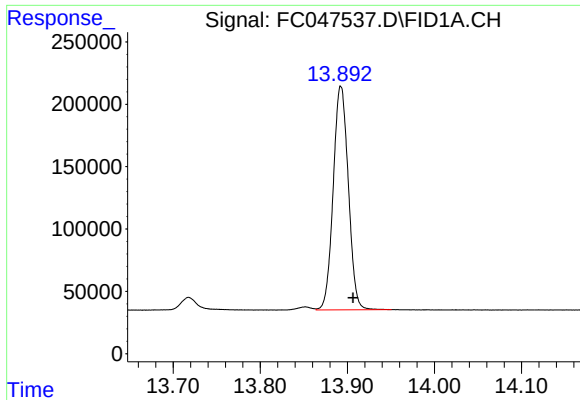
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.013 min
Response: 2169353
Conc: 19.08 ug/ml



#12 1-chlorooctadecane (SURR)

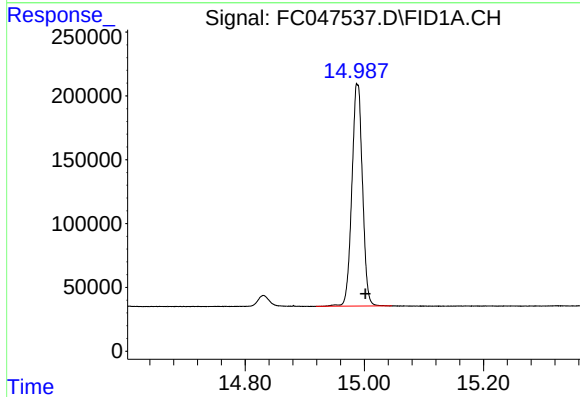
R.T.: 13.149 min
Delta R.T.: -0.012 min
Response: 1847423
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

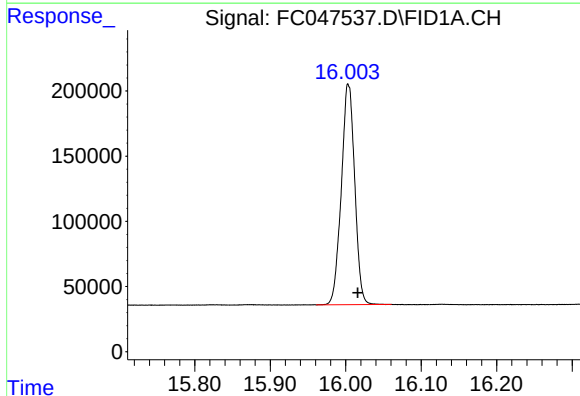
R.T.: 13.893 min
Delta R.T.: -0.014 min
Response: 2159540
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :



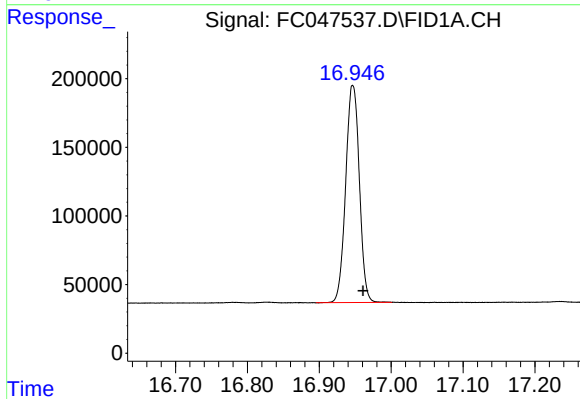
#14 n-Tetracosane (C24)

R.T.: 14.988 min
Delta R.T.: -0.014 min
Response: 2153200
Conc: 19.03 ug/ml



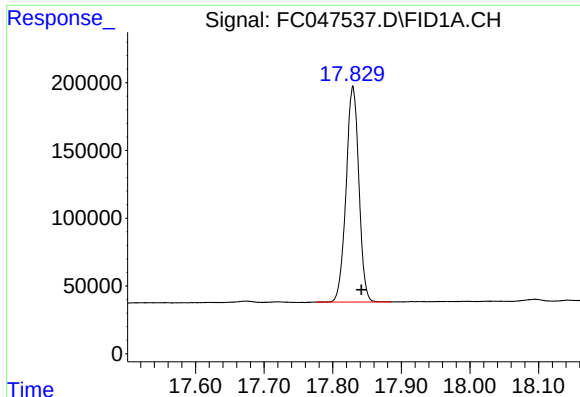
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: -0.012 min
Response: 2090884
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

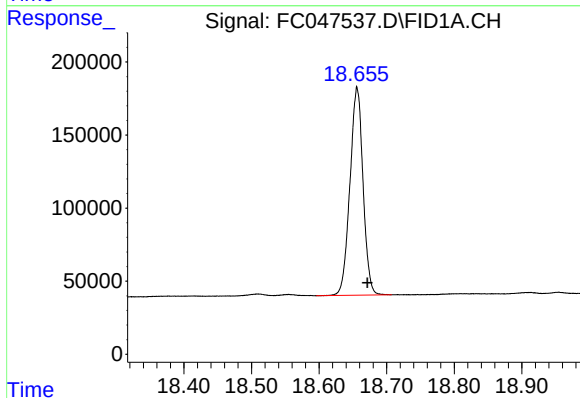
R.T.: 16.947 min
Delta R.T.: -0.014 min
Response: 2085519
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

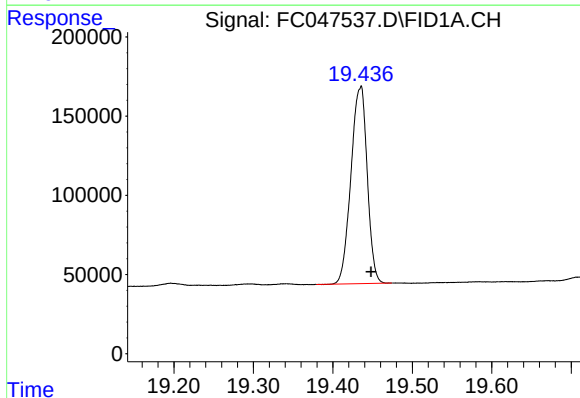
R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2059838
Conc: 19.05 ug/ml

Instrument :
FID_C
ClientSampleId :



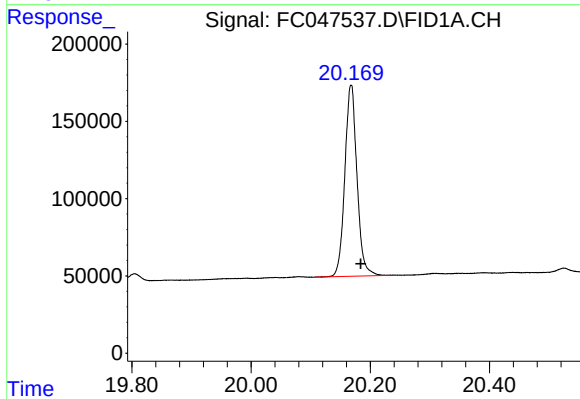
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.015 min
Response: 1914597
Conc: 19.41 ug/ml



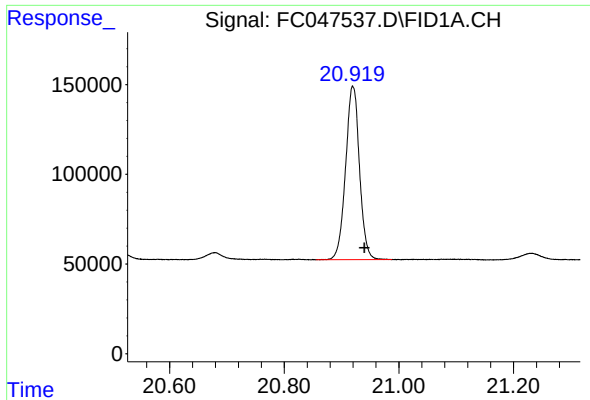
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.013 min
Response: 1770481
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

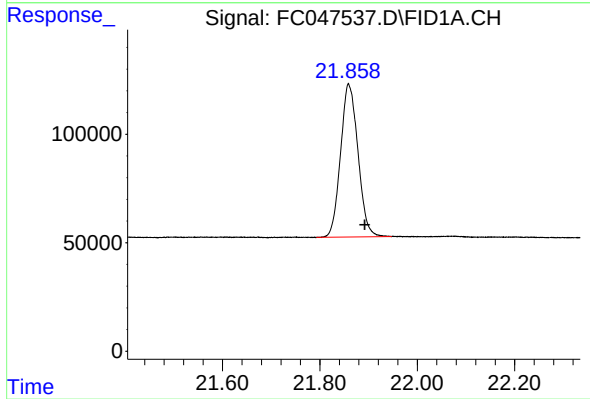
R.T.: 20.168 min
Delta R.T.: -0.016 min
Response: 1752163
Conc: 20.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.920 min
Delta R.T.: -0.020 min
Response: 1625380
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.033 min
Response: 1750660
Conc: 21.53 ug/ml