

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042821AL\
 Data File : FC053477.D
 Signal(s) : FID1A.CH
 Acq On : 29 Apr 2021 00:17
 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: Apr 29 01:55:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.546	2627817	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	12.988	1998668	18.467 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.299	2626399	22.639 ug/ml
2) T n-Decane (C10)	4.365	2694940	23.027 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2957747	22.735 ug/ml
4) T n-Dodecane (C12)	6.386	2749699	23.042 ug/ml
5) T A~2-methylnaphthalene...	7.010	2992747	22.642 ug/ml
6) T n-Tetradecane (C14)	8.185	2702218	22.203 ug/ml
7) T n-Hexadecane (C16)	9.787	2597530	21.587 ug/ml
8) T n-Octadecane (C18)	11.231	2589932	20.439 ug/ml
10) T n-Eicosane (C20)	12.543	2479088	19.332 ug/ml
11) T n-Heneicosane (C21)	13.155	2402722	18.709 ug/ml
13) T n-Docosane (C22)	13.742	2391741	18.558 ug/ml
14) T n-Tetracosane (C24)	14.846	2382589	18.447 ug/ml
15) T n-Hexacosane (C26)	15.869	2366511	18.414 ug/ml
16) T n-Octacosane (C28)	16.820	2374447	18.334 ug/ml
17) T n-Tricontane (C30)	17.709	2389449	17.744 ug/ml
18) T n-Dotriacontane (C32)	18.543	2344742	17.097 ug/ml
19) T n-Tetratriacontane (C34)	19.327	2228625	17.078 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2099690	17.342 ug/ml
21) T n-Octatriacontane (C38)	20.800	2048575	19.442 ug/ml
22) T n-Tetracontane (C40)	21.702	2086272	19.926 ug/ml

(f)=RT Delta > 1/2 Window

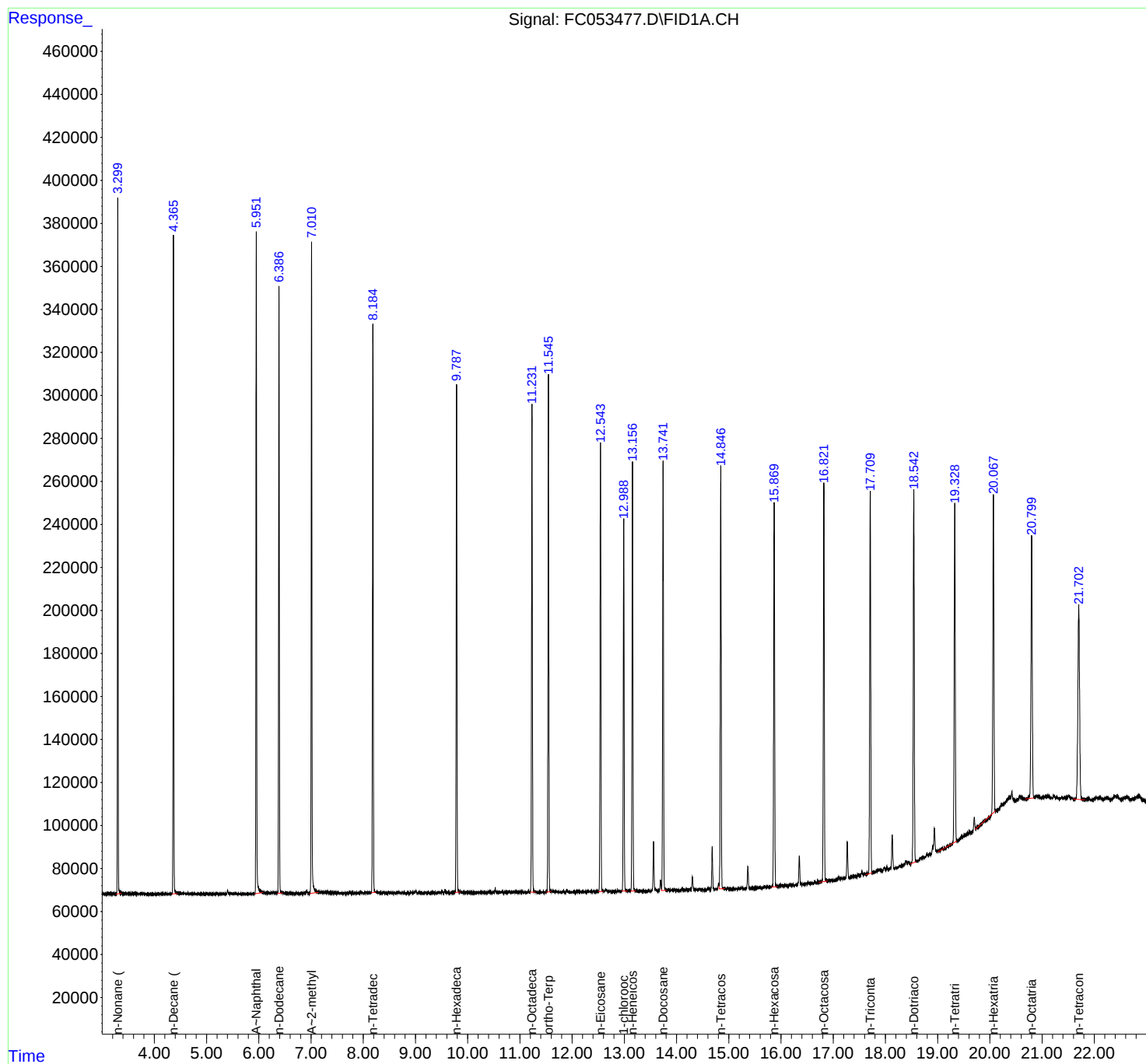
(m)=manual int.

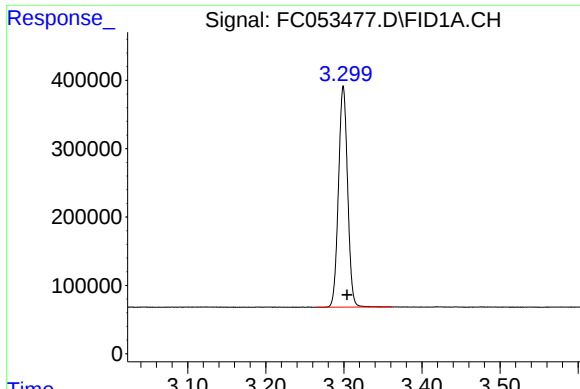
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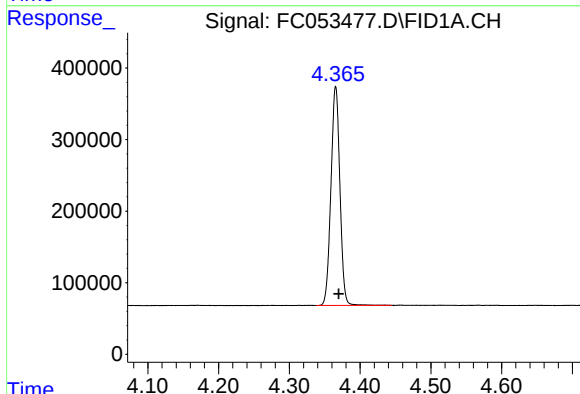




#1 n-Nonane (C9)

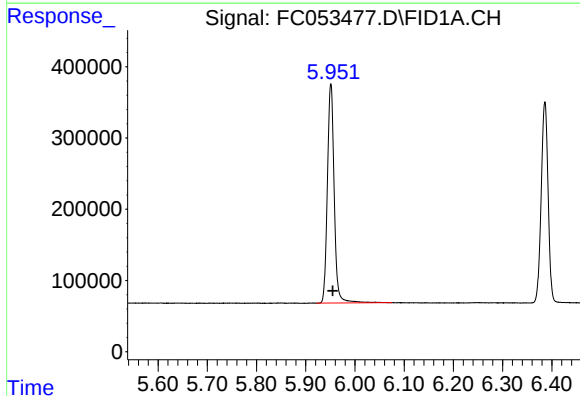
R.T.: 3.299 min
Delta R.T.: -0.005 min
Response: 2626399
Conc: 22.64 ug/ml

Instrument :
FID_C
ClientSampleId :



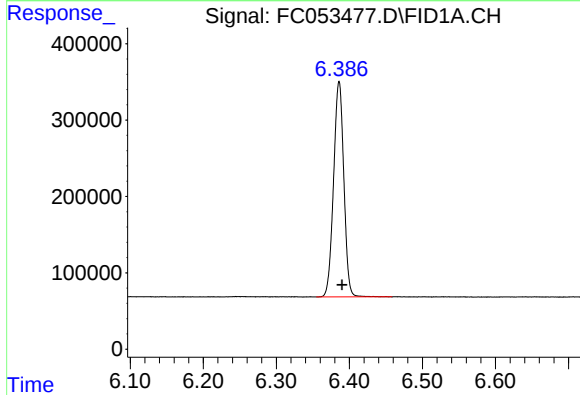
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.005 min
Response: 2694940
Conc: 23.03 ug/ml



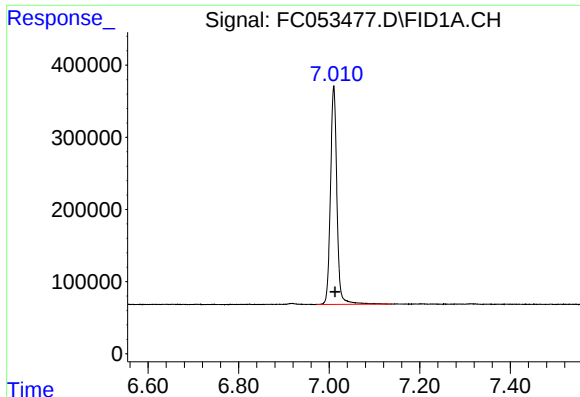
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 2957747
Conc: 22.74 ug/ml



#4 n-Dodecane (C12)

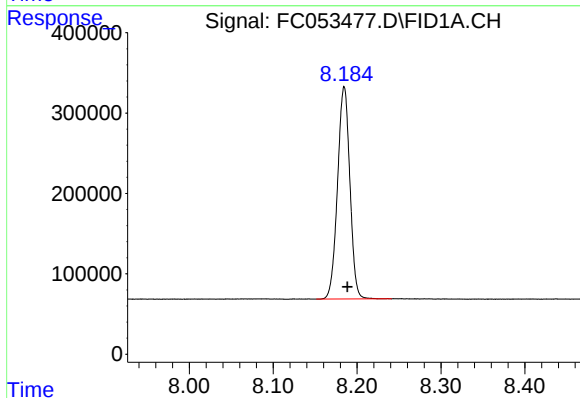
R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 2749699
Conc: 23.04 ug/ml



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

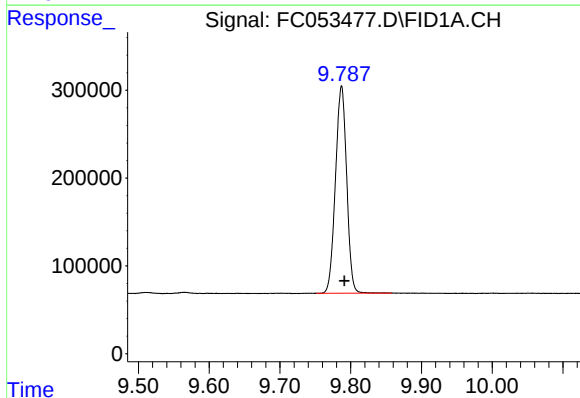
R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 2992747
Conc: 22.64 ug/ml

Instrument :
FID_C
ClientSampleId :



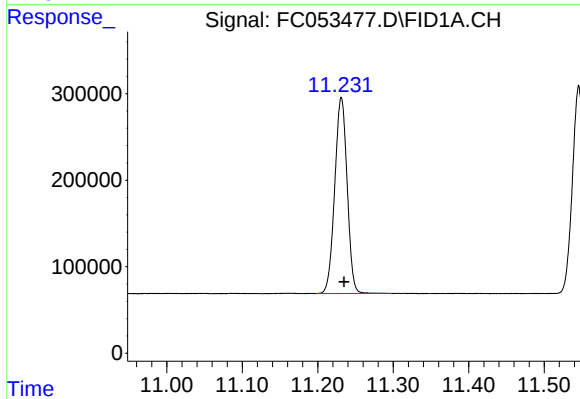
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 2702218
Conc: 22.20 ug/ml



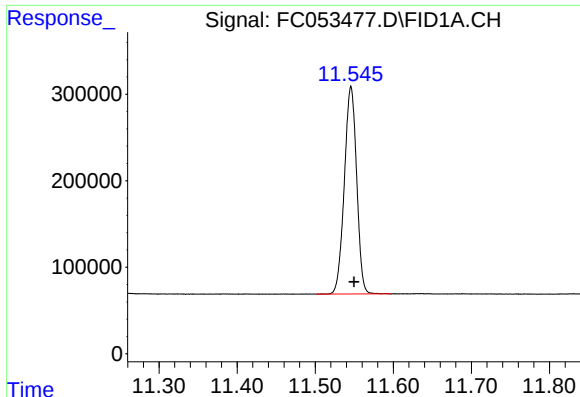
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.004 min
Response: 2597530
Conc: 21.59 ug/ml



#8 n-Octadecane (C18)

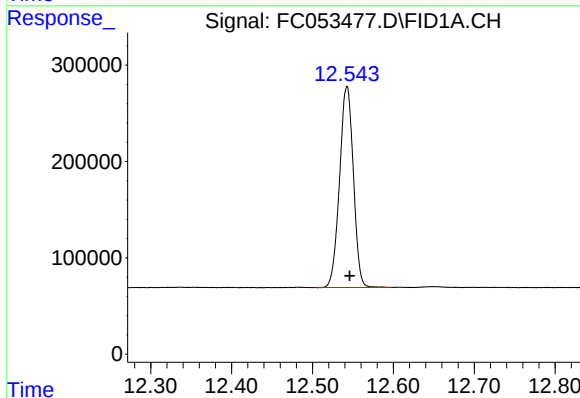
R.T.: 11.231 min
Delta R.T.: -0.004 min
Response: 2589932
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

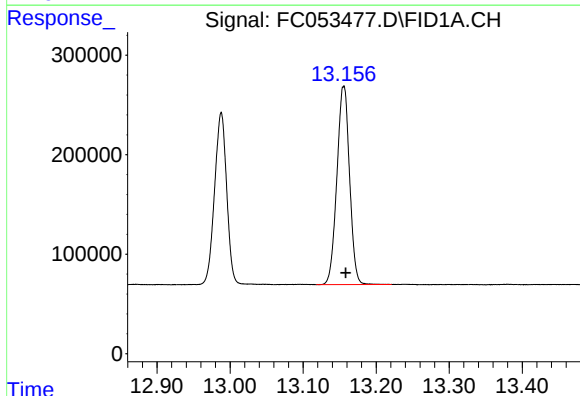
R.T.: 11.546 min
Delta R.T.: -0.004 min
Response: 2627817
Conc: 18.99 ug/ml

Instrument :
FID_C
ClientSampleId :



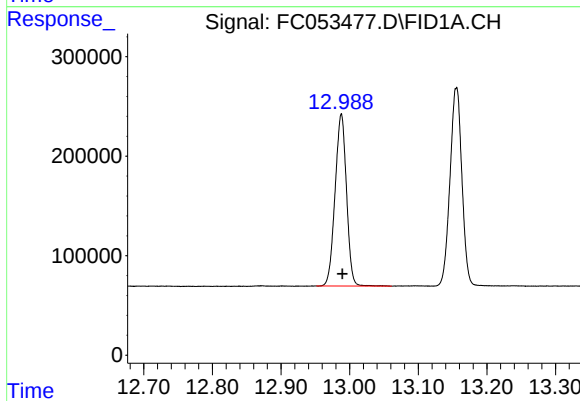
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.004 min
Response: 2479088
Conc: 19.33 ug/ml



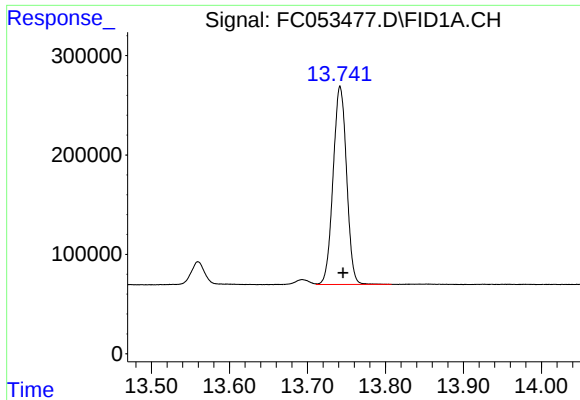
#11 n-Heneicosane (C21)

R.T.: 13.155 min
Delta R.T.: -0.003 min
Response: 2402722
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

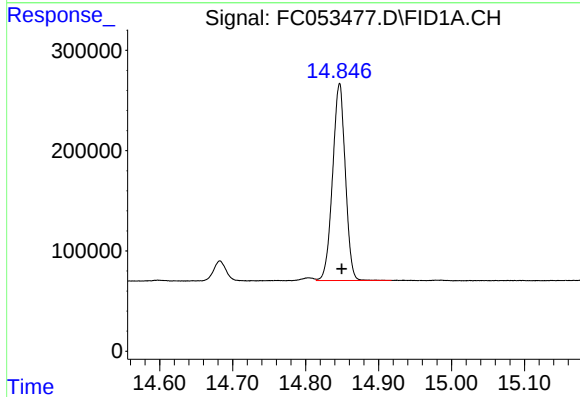
R.T.: 12.988 min
Delta R.T.: -0.002 min
Response: 1998668
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

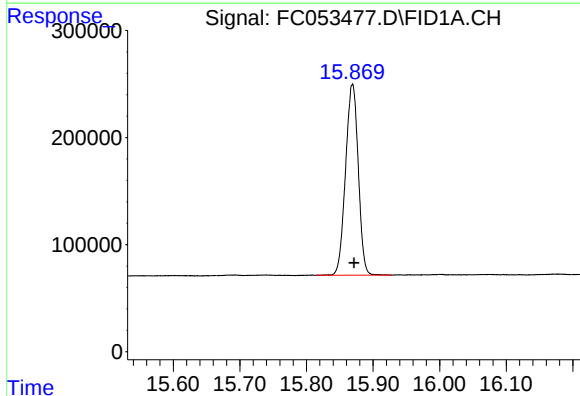
R.T.: 13.742 min
Delta R.T.: -0.004 min
Response: 2391741
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :



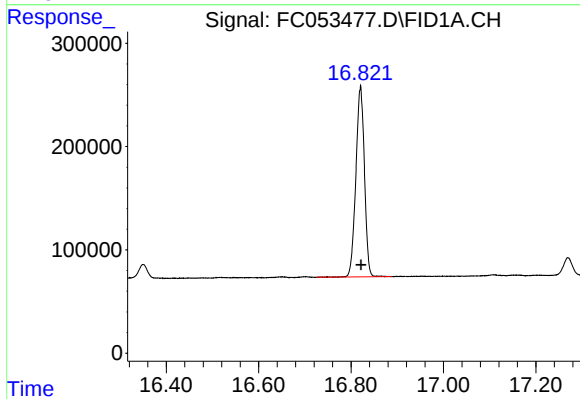
#14 n-Tetracosane (C24)

R.T.: 14.846 min
Delta R.T.: -0.003 min
Response: 2382589
Conc: 18.45 ug/ml



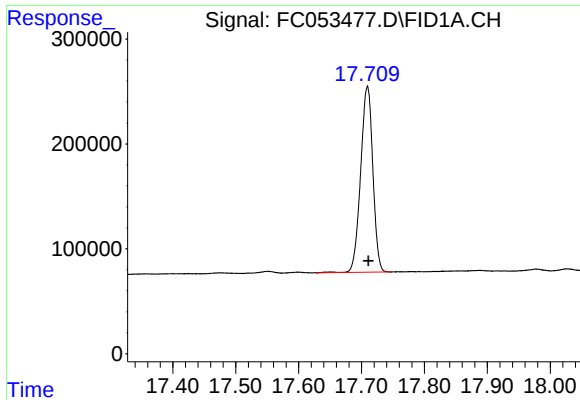
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.002 min
Response: 2366511
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

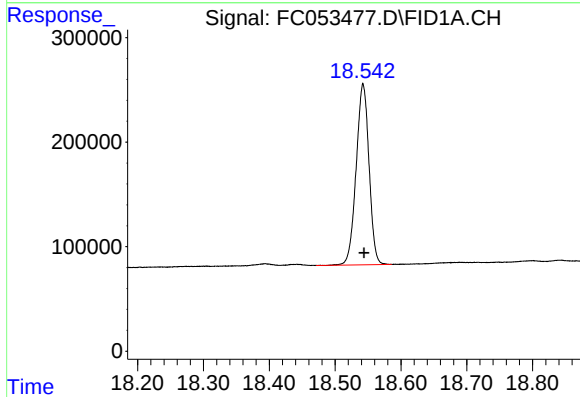
R.T.: 16.820 min
Delta R.T.: -0.002 min
Response: 2374447
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

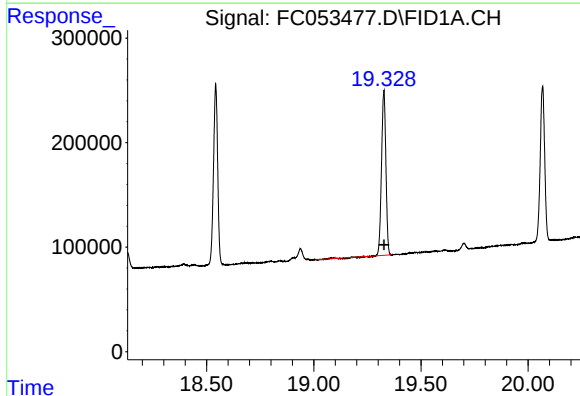
R.T.: 17.709 min
Delta R.T.: -0.001 min
Response: 2389449
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :



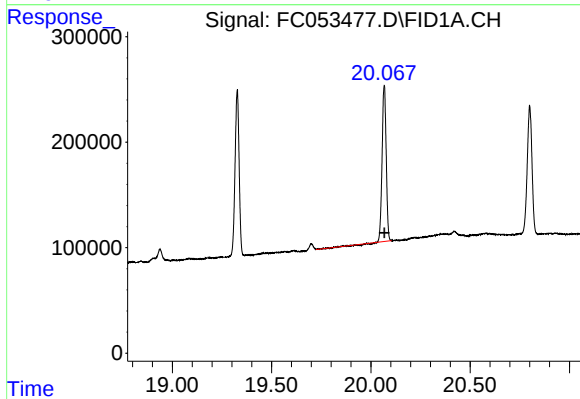
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.001 min
Response: 2344742
Conc: 17.10 ug/ml



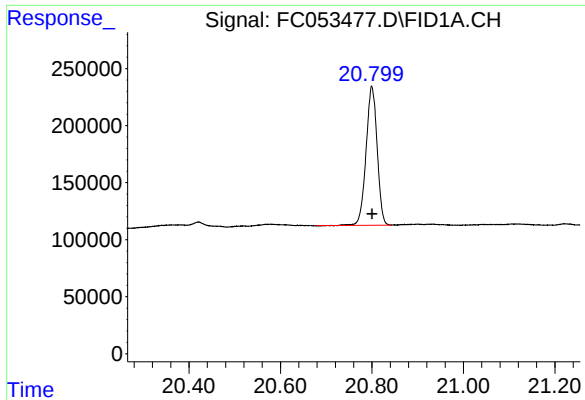
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.000 min
Response: 2228625
Conc: 17.08 ug/ml



#20 n-Hexatriacontane (C36)

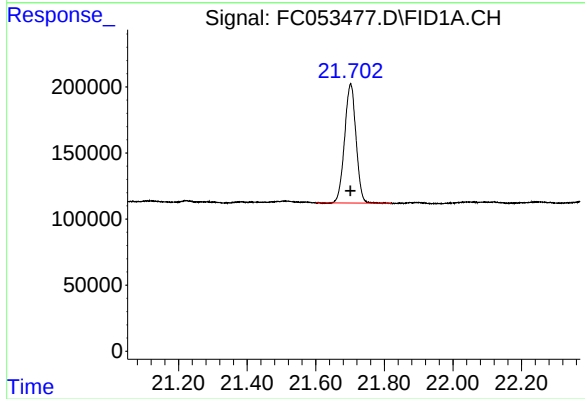
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2099690
Conc: 17.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 2048575
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.702 min
Delta R.T.: 0.000 min
Response: 2086272
Conc: 19.93 ug/ml