

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
 Data File : FD042371.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2022 7:25
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 09 00:51:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.212	3390933	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
12) S 1-chlorooctadecane (S...	12.650	2615281	19.819 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.086	3068706	22.514 ug/ml
2) T n-Decane (C10)	4.130	3053066	22.782 ug/ml
3) T A~Naphthalene (C11.7)	5.681	3165229	21.836 ug/ml
4) T n-Dodecane (C12)	6.124	3136513	22.031 ug/ml
5) T A~2-methylnaphthalene...	6.726	3117607	22.372 ug/ml
6) T n-Tetradecane (C14)	7.899	3121650	21.915 ug/ml
7) T n-Hexadecane (C16)	9.484	3116936	21.449 ug/ml
8) T n-Octadecane (C18)	10.915	3122227	20.832 ug/ml
10) T n-Eicosane (C20)	12.213	3073334	20.079 ug/ml
11) T n-Heneicosane (C21)	12.821	3061970	19.861 ug/ml
13) T n-Docosane (C22)	13.404	3068593	19.907 ug/ml
14) T n-Tetracosane (C24)	14.499	3079817	19.914 ug/ml
15) T n-Hexacosane (C26)	15.514	3025880	19.672 ug/ml
16) T n-Octacosane (C28)	16.457	3033184	19.839 ug/ml
17) T n-Tricontane (C30)	17.340	2983808	19.892 ug/ml
18) T n-Dotriacontane (C32)	18.166	2826332	19.988 ug/ml
19) T n-Tetratriacontane (C34)	18.946	2601489	20.215 ug/ml
20) T n-Hexatriacontane (C36)	19.683	2423298	21.415 ug/ml
21) T n-Octatriacontane (C38)	20.379	2362314	23.676 ug/ml
22) T n-Tetracontane (C40)	21.154	2395397	26.557 ug/ml

(f)=RT Delta > 1/2 Window

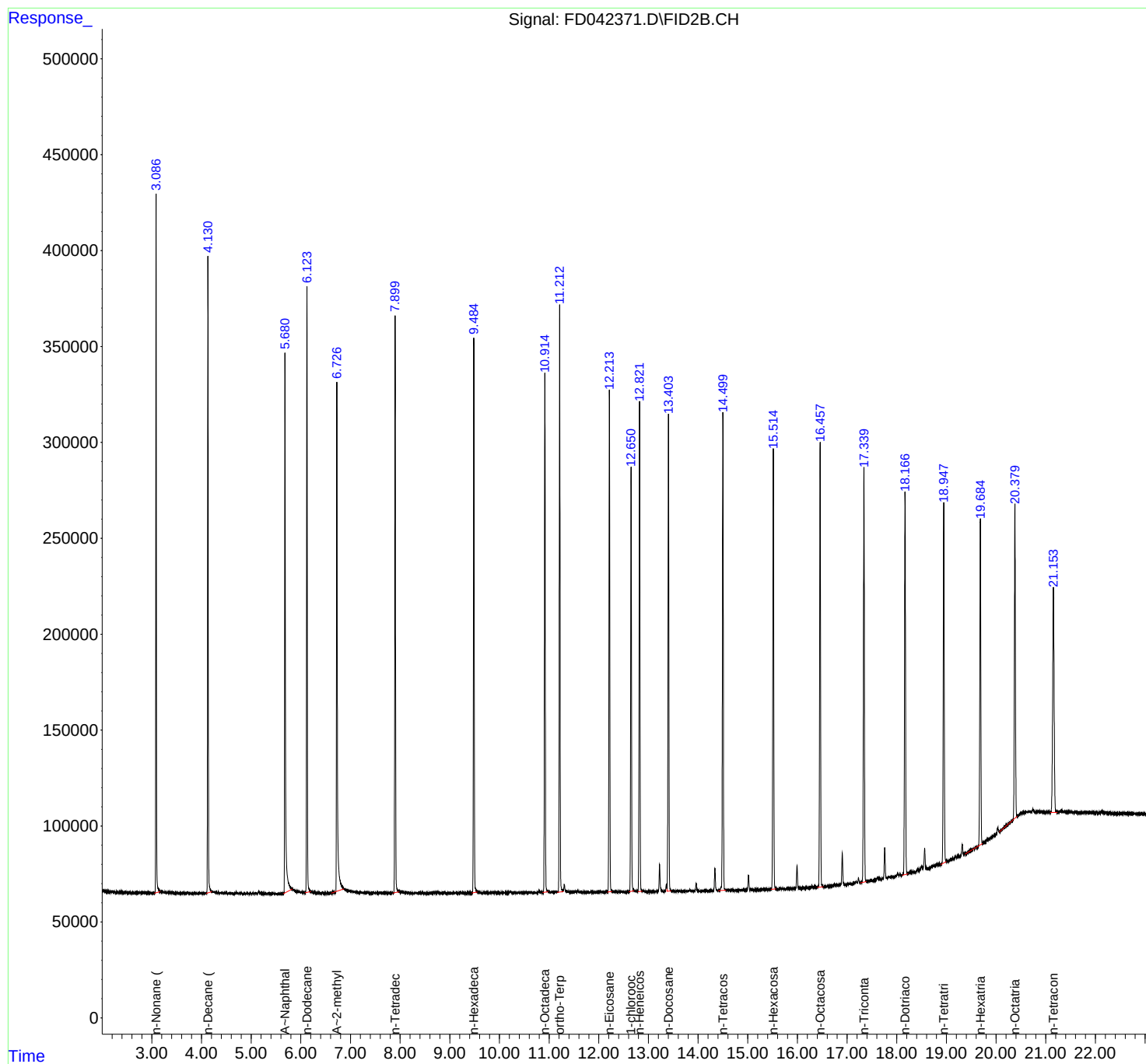
(m)=manual int.

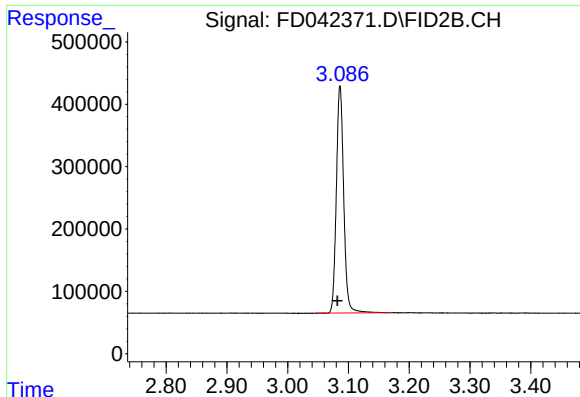
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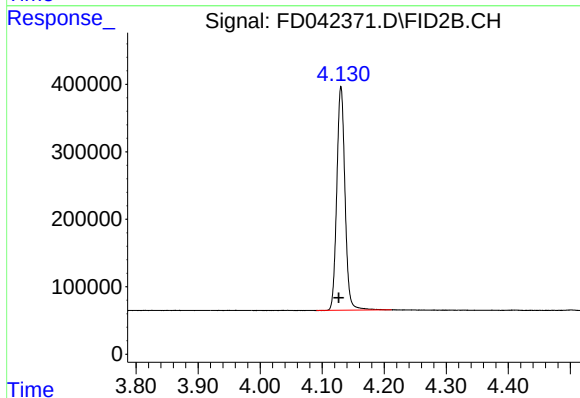




#1 n-Nonane (C9)

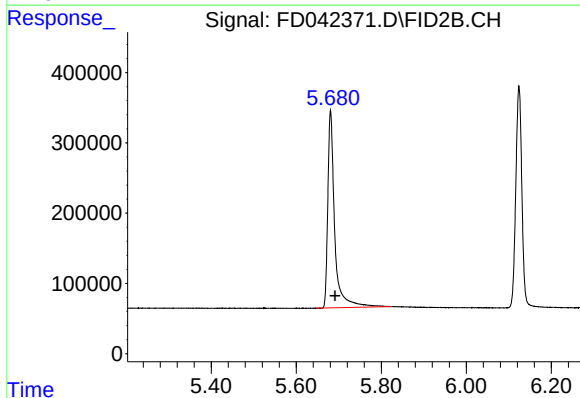
R.T.: 3.086 min
Delta R.T.: 0.004 min
Response: 3068706
Conc: 22.51 ug/ml

Instrument :
FID_D
ClientSampleId :



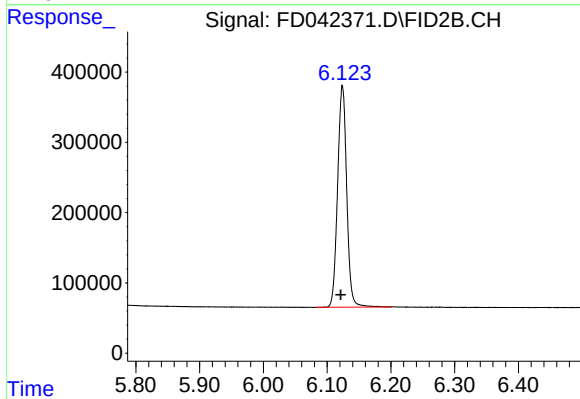
#2 n-Decane (C10)

R.T.: 4.130 min
Delta R.T.: 0.004 min
Response: 3053066
Conc: 22.78 ug/ml



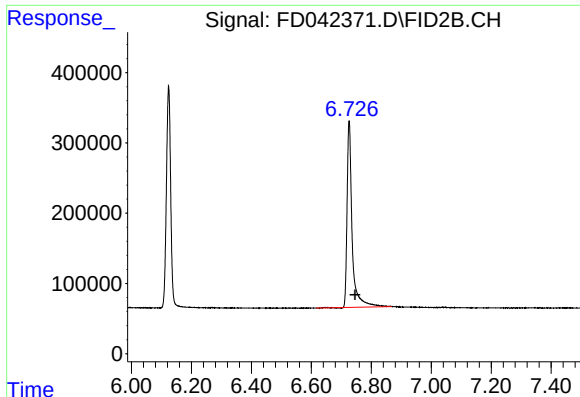
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 3165229
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

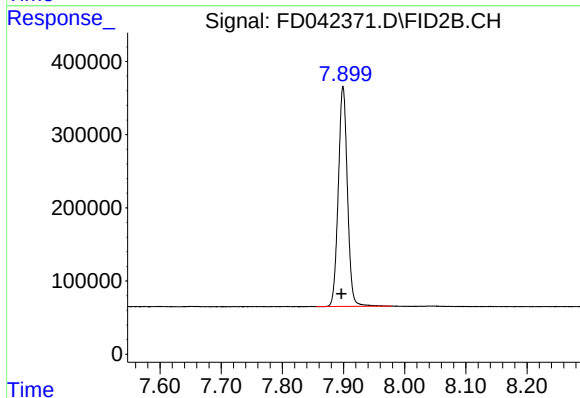
R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 3136513
Conc: 22.03 ug/ml



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

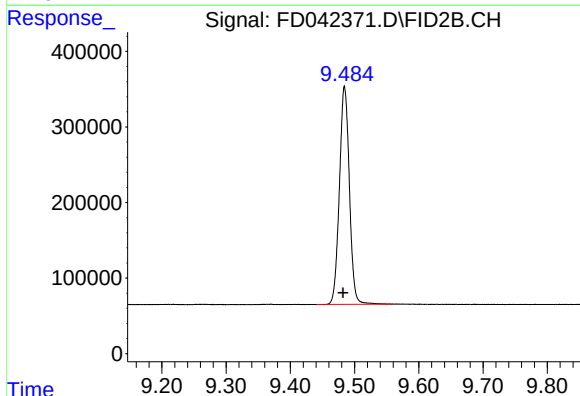
R.T.: 6.726 min
Delta R.T.: -0.020 min
Response: 3117607
Conc: 22.37 ug/ml

Instrument :
FID_D
ClientSampleId :



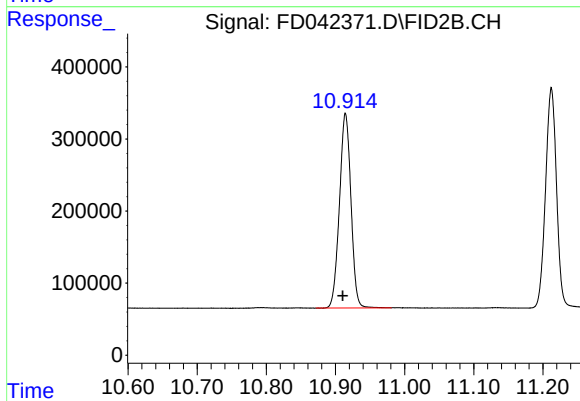
#6 n-Tetradecane (C14)

R.T.: 7.899 min
Delta R.T.: 0.002 min
Response: 3121650
Conc: 21.91 ug/ml



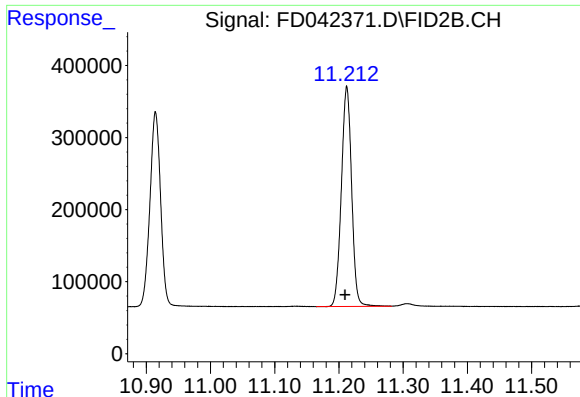
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 3116936
Conc: 21.45 ug/ml



#8 n-Octadecane (C18)

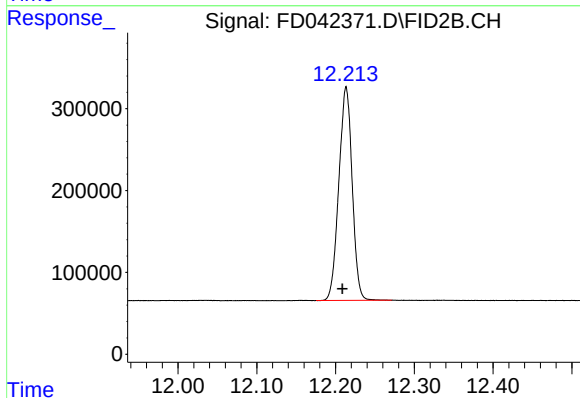
R.T.: 10.915 min
Delta R.T.: 0.004 min
Response: 3122227
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

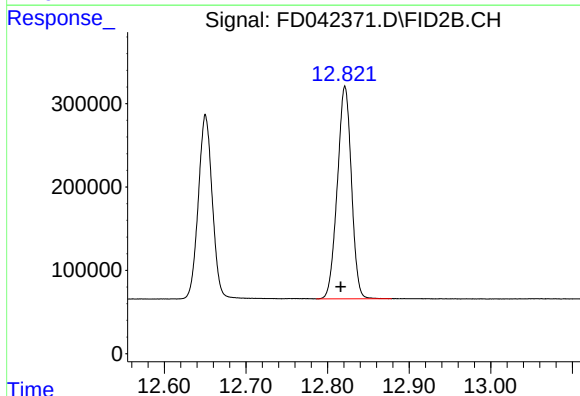
R.T.: 11.212 min
Delta R.T.: 0.003 min
Response: 3390933
Conc: 20.22 ug/ml

Instrument :
FID_D
ClientSampleId :



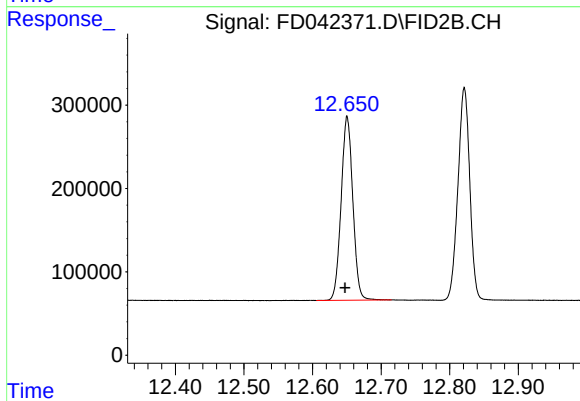
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: 0.005 min
Response: 3073334
Conc: 20.08 ug/ml



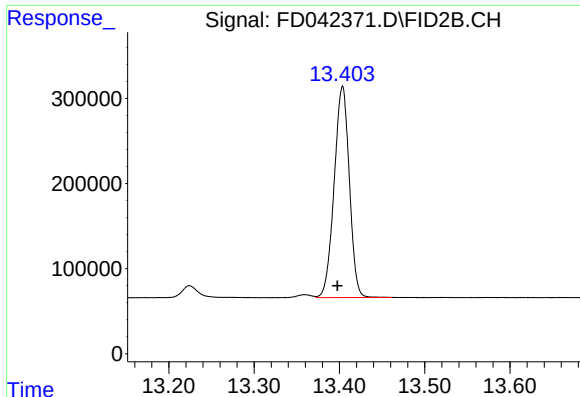
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: 0.005 min
Response: 3061970
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

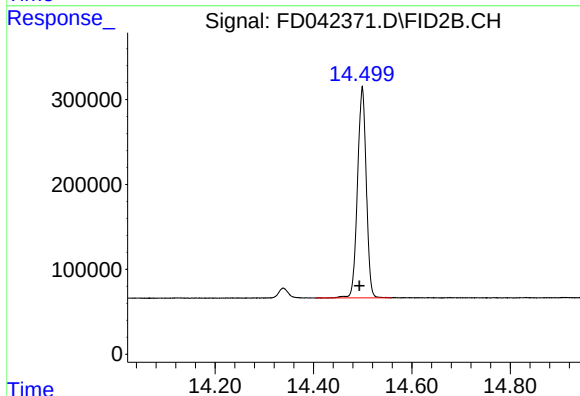
R.T.: 12.650 min
Delta R.T.: 0.003 min
Response: 2615281
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

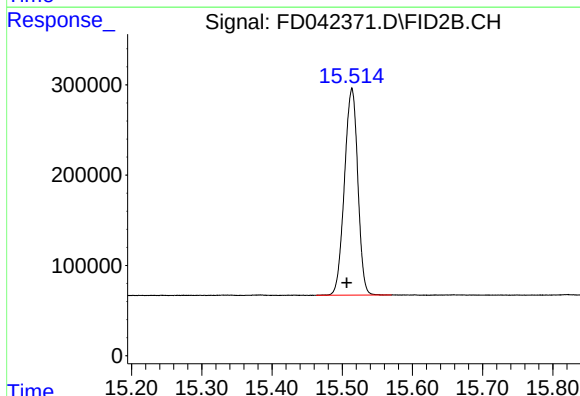
R.T.: 13.404 min
Delta R.T.: 0.006 min
Response: 3068593
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :



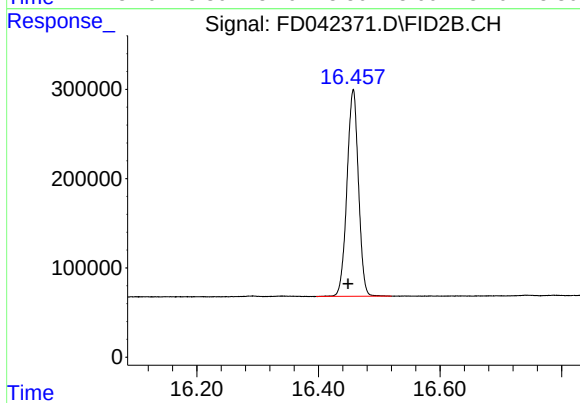
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: 0.006 min
Response: 3079817
Conc: 19.91 ug/ml



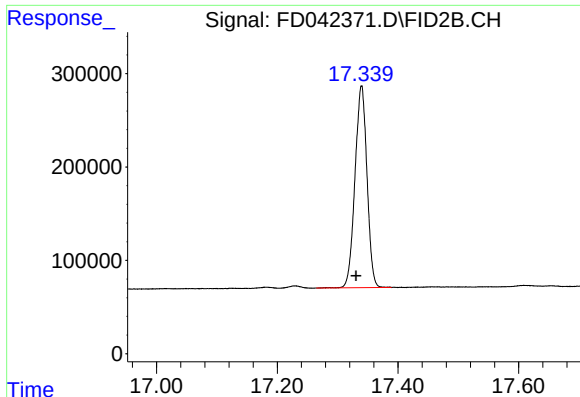
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: 0.008 min
Response: 3025880
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

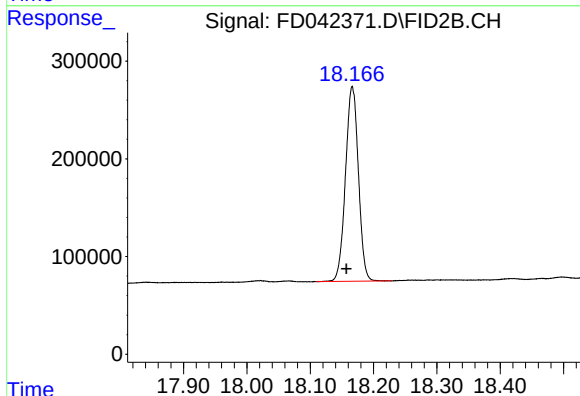
R.T.: 16.457 min
Delta R.T.: 0.009 min
Response: 3033184
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

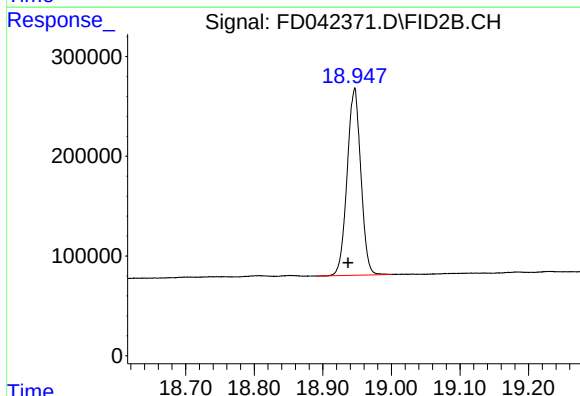
R.T.: 17.340 min
Delta R.T.: 0.009 min
Response: 2983808
Conc: 19.89 ug/ml

Instrument :
FID_D
ClientSampleId :



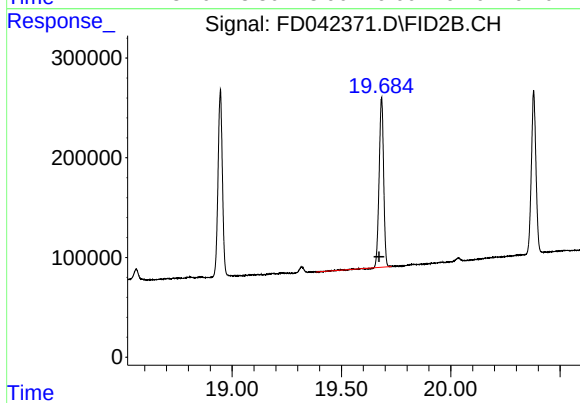
#18 n-Dotriacontane (C32)

R.T.: 18.166 min
Delta R.T.: 0.009 min
Response: 2826332
Conc: 19.99 ug/ml



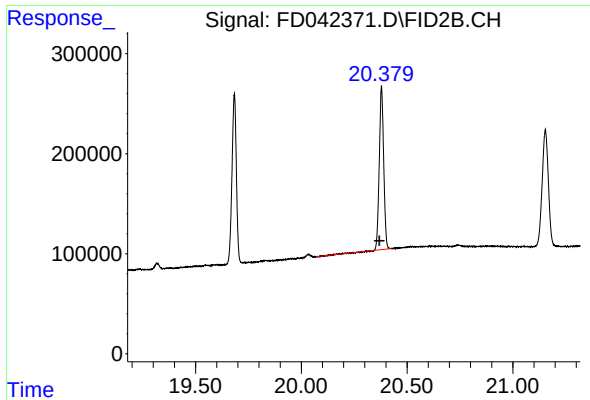
#19 n-Tetratriacontane (C34)

R.T.: 18.946 min
Delta R.T.: 0.010 min
Response: 2601489
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

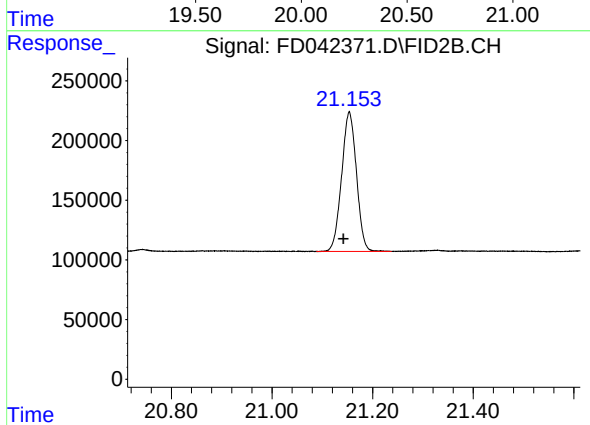
R.T.: 19.683 min
Delta R.T.: 0.011 min
Response: 2423298
Conc: 21.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.379 min
Delta R.T.: 0.010 min
Response: 2362314
Conc: 23.68 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.154 min
Delta R.T.: 0.011 min
Response: 2395397
Conc: 26.56 ug/ml