

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042783.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 19:41
 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: Jun 07 02:20:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.577	3411677	20.542 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	13.012	2691404	20.608 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.349	2931802	21.163 ug/ml
2) T n-Decane (C10)	4.416	2919416	21.142 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3328757	21.160 ug/ml
4) T n-Dodecane (C12)	6.431	2992567	21.118 ug/ml
5) T A~2-methylnaphthalene...	7.051	3379255	21.107 ug/ml
6) T n-Tetradecane (C14)	8.223	3036046	21.081 ug/ml
7) T n-Hexadecane (C16)	9.822	3107142	21.064 ug/ml
8) T n-Octadecane (C18)	11.262	3155744	20.966 ug/ml
10) T n-Eicosane (C20)	12.569	3150920	20.953 ug/ml
11) T n-Heneicosane (C21)	13.180	3123961	20.636 ug/ml
13) T n-Docosane (C22)	13.766	3219625	21.299 ug/ml
14) T n-Tetracosane (C24)	14.867	3319028	22.115 ug/ml
15) T n-Hexacosane (C26)	15.885	3341987	22.923 ug/ml
16) T n-Octacosane (C28)	16.832	3340715	23.952 ug/ml
17) T n-Tricontane (C30)	17.718	3207355	24.532 ug/ml
18) T n-Dotriacontane (C32)	18.548	2835837	24.017 ug/ml
19) T n-Tetratriacontane (C34)	19.330	2412532	22.695 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2175629	22.250 ug/ml
21) T n-Octatriacontane (C38)	20.798	2081126	22.816 ug/ml
22) T n-Tetracontane (C40)	21.699	2090993	25.804 ug/ml

(f)=RT Delta > 1/2 Window

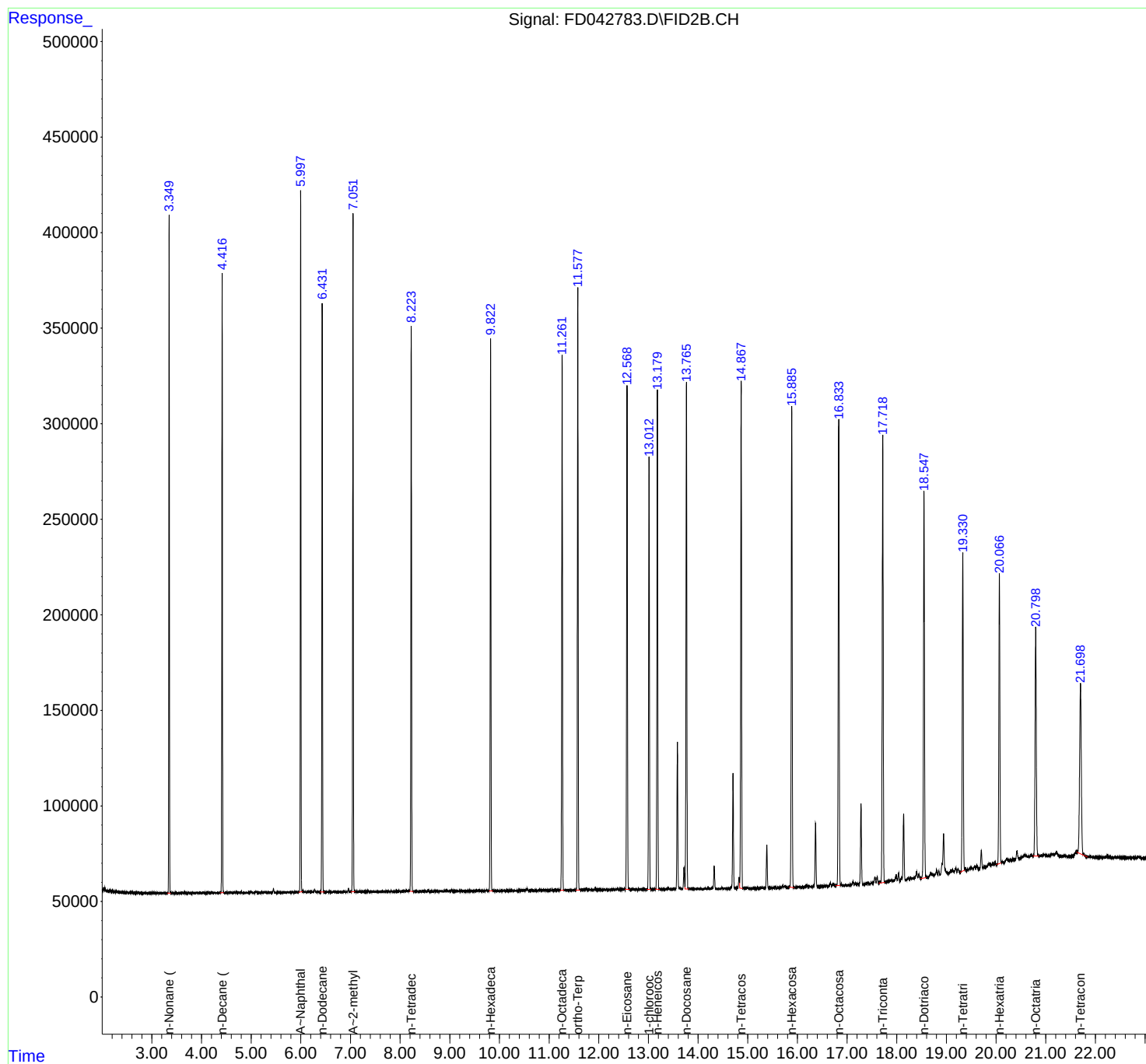
(m)=manual int.

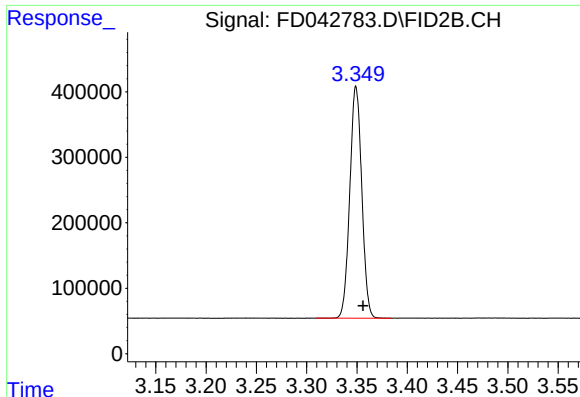
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
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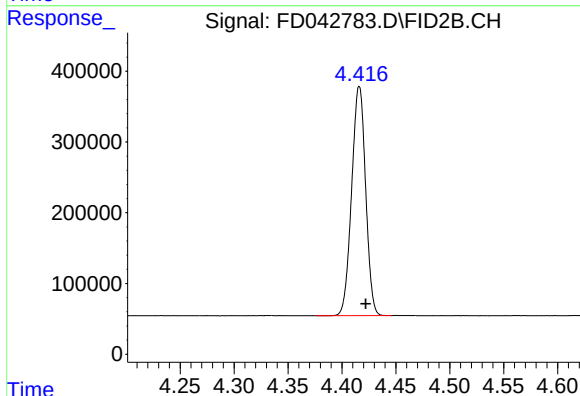




#1 n-Nonane (C9)

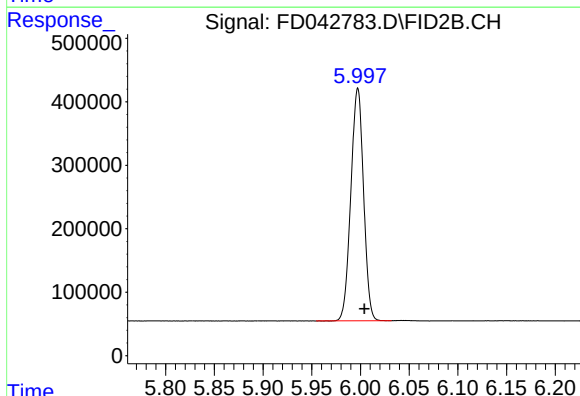
R.T.: 3.349 min
Delta R.T.: -0.007 min
Response: 2931802
Conc: 21.16 ug/ml

Instrument :
FID_D
ClientSampleId :



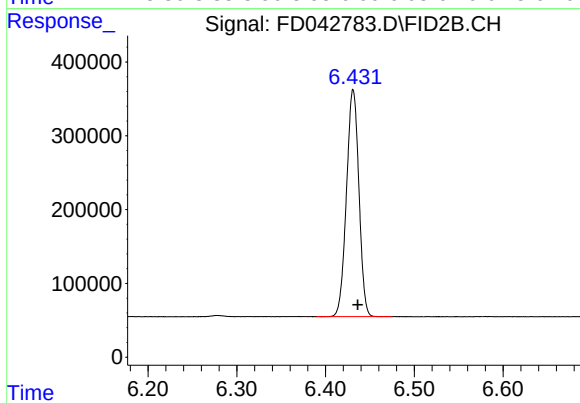
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.006 min
Response: 2919416
Conc: 21.14 ug/ml



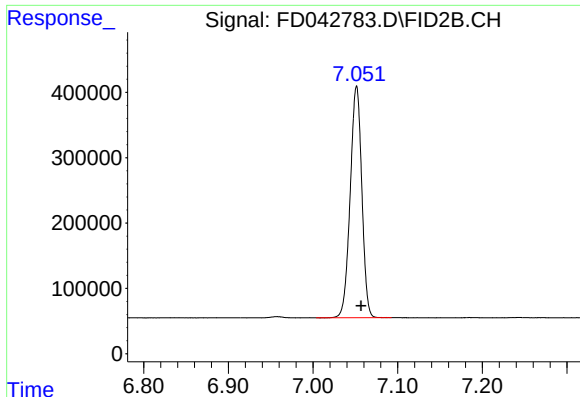
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3328757
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

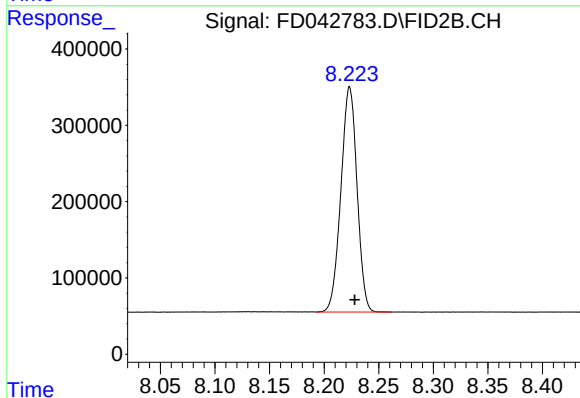
R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 2992567
Conc: 21.12 ug/ml



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

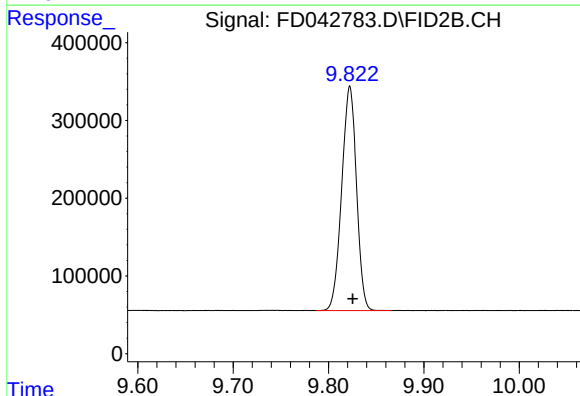
R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 3379255
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :



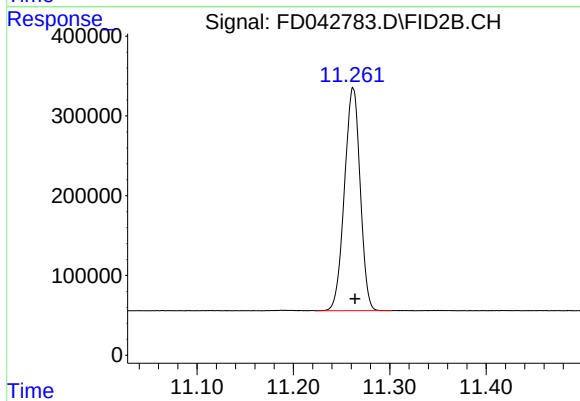
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 3036046
Conc: 21.08 ug/ml



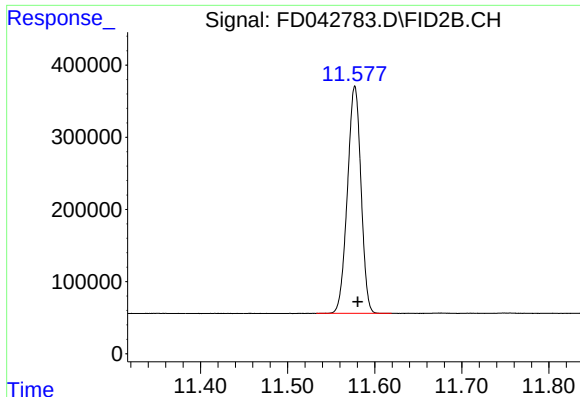
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.003 min
Response: 3107142
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

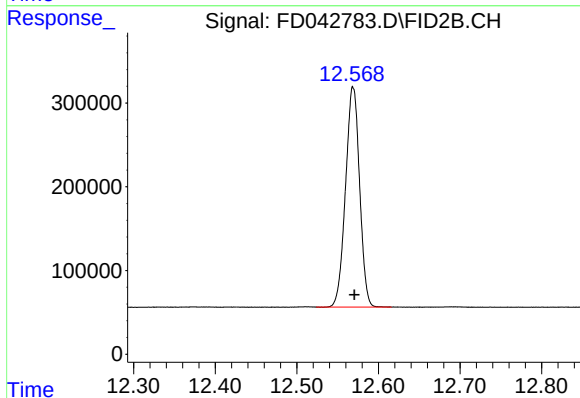
R.T.: 11.262 min
Delta R.T.: -0.002 min
Response: 3155744
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

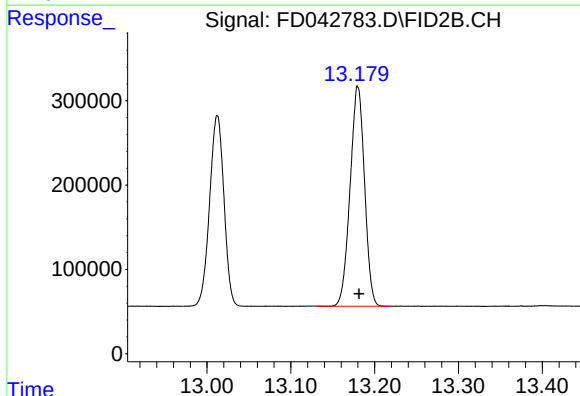
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 3411677
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



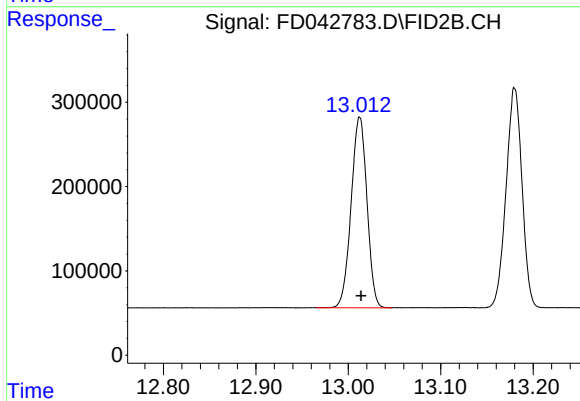
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.002 min
Response: 3150920
Conc: 20.95 ug/ml



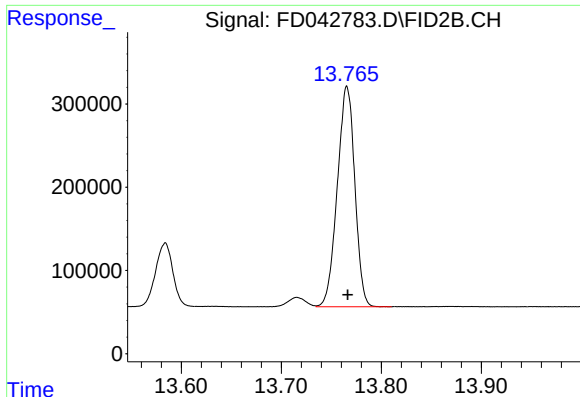
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.001 min
Response: 3123961
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

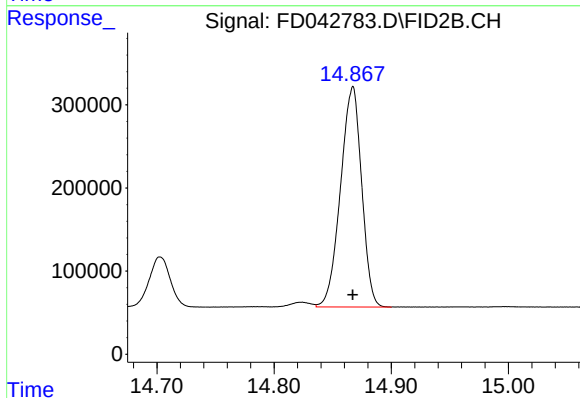
R.T.: 13.012 min
Delta R.T.: -0.001 min
Response: 2691404
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

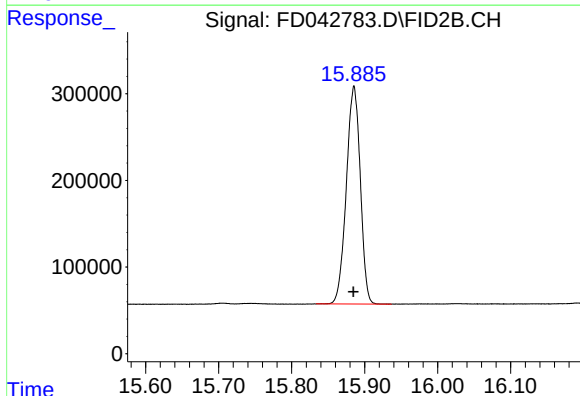
R.T.: 13.766 min
Delta R.T.: 0.000 min
Response: 3219625
Conc: 21.30 ug/ml

Instrument :
FID_D
ClientSampleId :



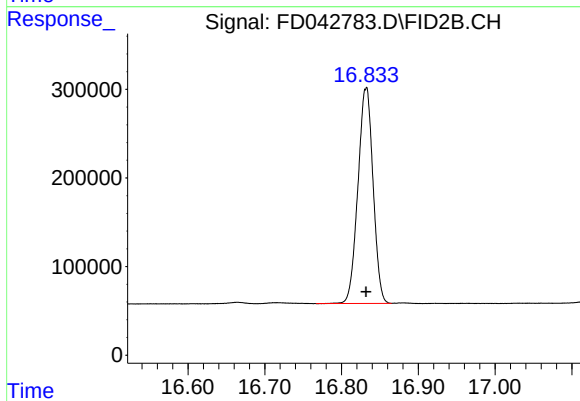
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: 0.000 min
Response: 3319028
Conc: 22.12 ug/ml



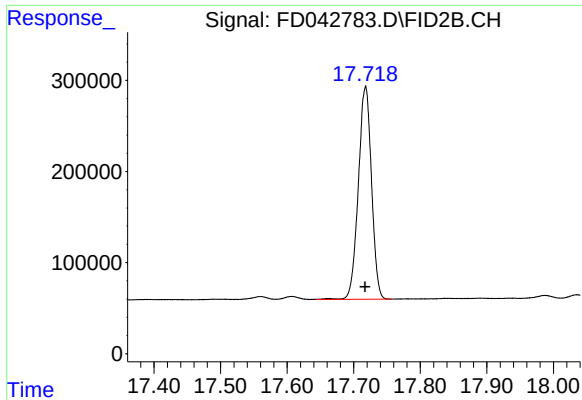
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.000 min
Response: 3341987
Conc: 22.92 ug/ml



#16 n-Octacosane (C28)

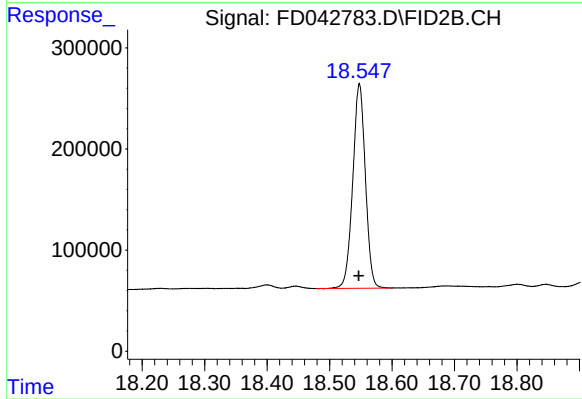
R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 3340715
Conc: 23.95 ug/ml



#17 n-Tricontane (C30)

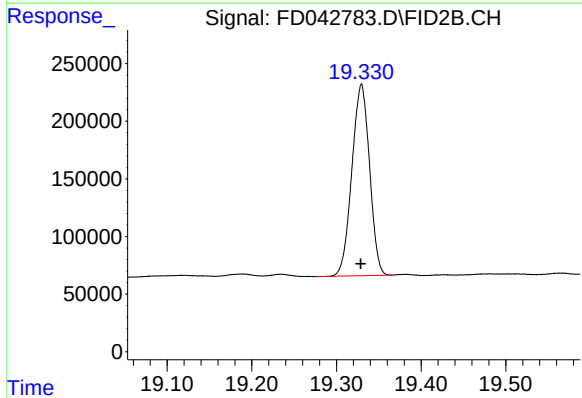
R.T.: 17.718 min
Delta R.T.: 0.000 min
Response: 3207355
Conc: 24.53 ug/ml

Instrument :
FID_D
ClientSampleId :



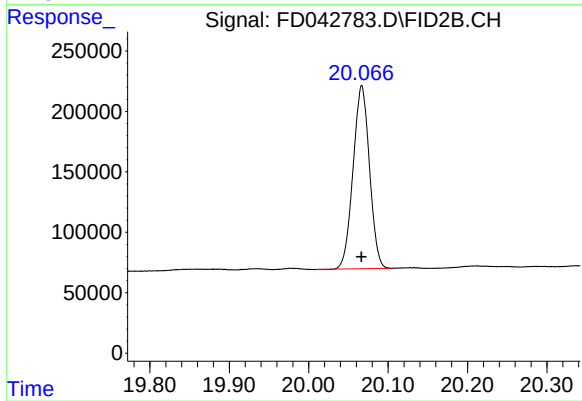
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.001 min
Response: 2835837
Conc: 24.02 ug/ml



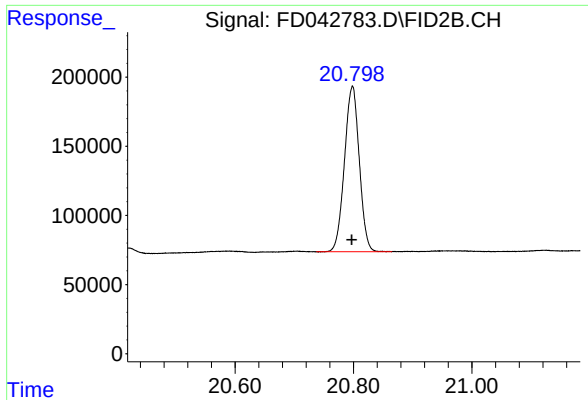
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: 0.000 min
Response: 2412532
Conc: 22.69 ug/ml



#20 n-Hexatriacontane (C36)

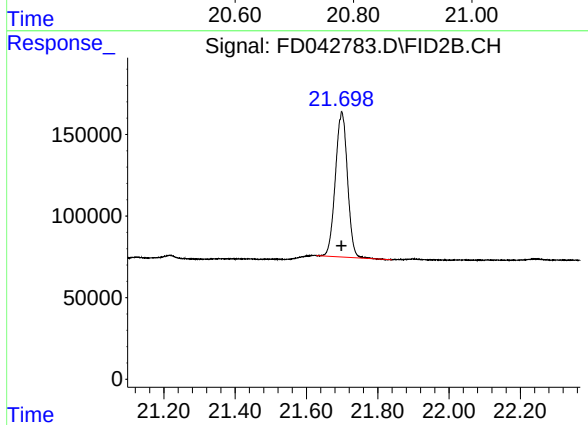
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2175629
Conc: 22.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.798 min
Delta R.T.: 0.001 min
Response: 2081126
Conc: 22.82 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.001 min
Response: 2090993
Conc: 25.80 ug/ml