

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AL\
 Data File : FD040871.D
 Signal(s) : FID2B.CH
 Acq On : 03 Feb 2022 1:57
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 03 03:45:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 23:36:14 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)	10.596	2976000	20.429 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	12.033	2242289	20.441 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T n-Nonane (C9)	2.560	2540926	20.400 ug/ml
2) T n-Decane (C10)	3.543	2562143	20.401 ug/ml
3) T A~Naphthalene (C11.7)	5.070	2784918	20.600 ug/ml
4) T n-Dodecane (C12)	5.508	2577411	20.474 ug/ml
5) T A~2-methylnaphthalene...	6.108	2802822	20.664 ug/ml
6) T n-Tetradecane (C14)	7.282	2617780	20.476 ug/ml
7) T n-Hexadecane (C16)	8.867	2610406	20.408 ug/ml
8) T n-Octadecane (C18)	10.297	2655596	20.424 ug/ml
10) T n-Eicosane (C20)	11.596	2600711	20.395 ug/ml
11) T n-Heneicosane (C21)	12.204	2616343	20.437 ug/ml
13) T n-Docosane (C22)	12.786	2582211	20.453 ug/ml
14) T n-Tetracosane (C24)	13.881	2564126	20.477 ug/ml
15) T n-Hexacosane (C26)	14.896	2493545	20.508 ug/ml
16) T n-Octacosane (C28)	15.841	2448416	20.406 ug/ml
17) T n-Tricontane (C30)	16.722	2367420	20.364 ug/ml
18) T n-Dotriacontane (C32)	17.550	2196554	20.454 ug/ml
19) T n-Tetratriacontane (C34)	18.329	2018260	20.354 ug/ml
20) T n-Hexatriacontane (C36)	19.066	1855712	20.793 ug/ml
21) T n-Octatriacontane (C38)	19.765	1710278	20.462 ug/ml
22) T n-Tetracontane (C40)	20.553	1714753	20.713 ug/ml

(f)=RT Delta > 1/2 Window

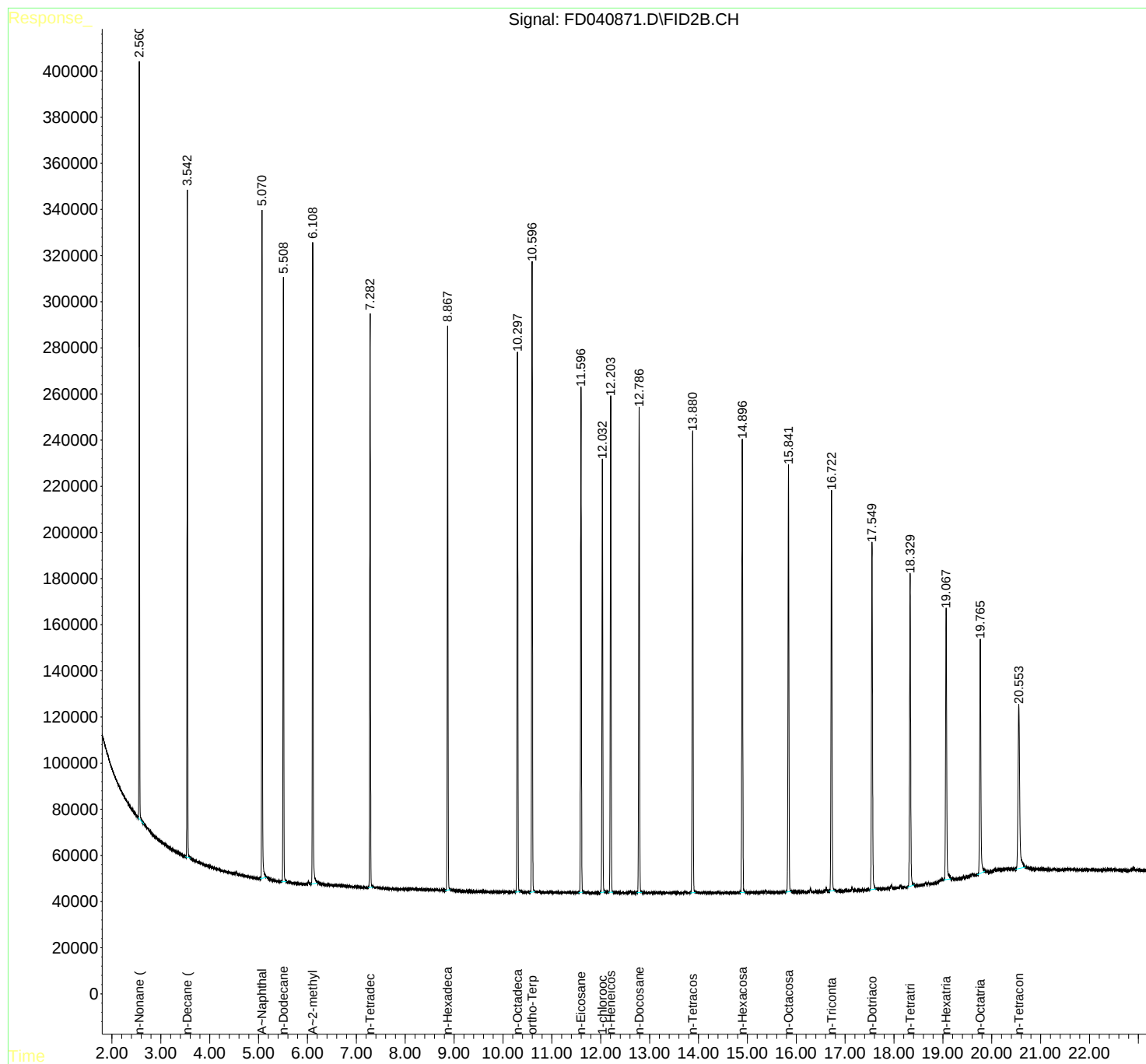
(m)=manual int.

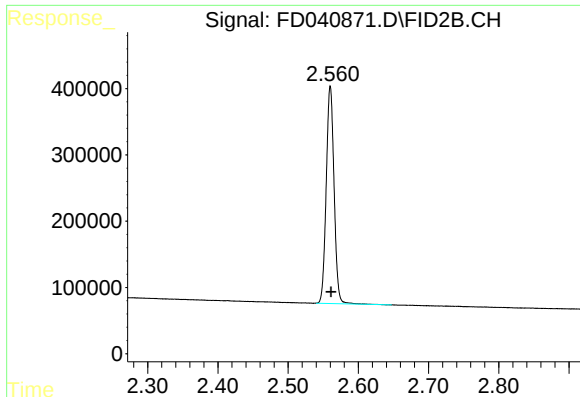
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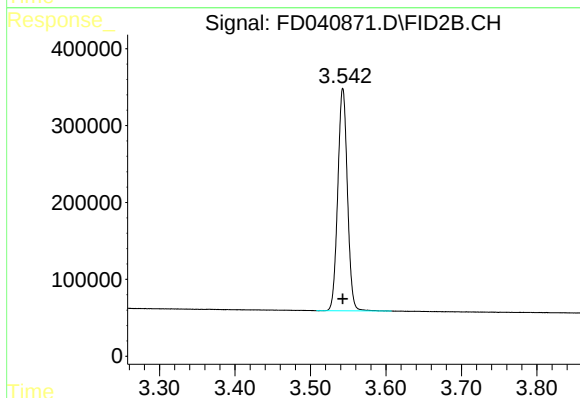




#1 n-Nonane (C9)

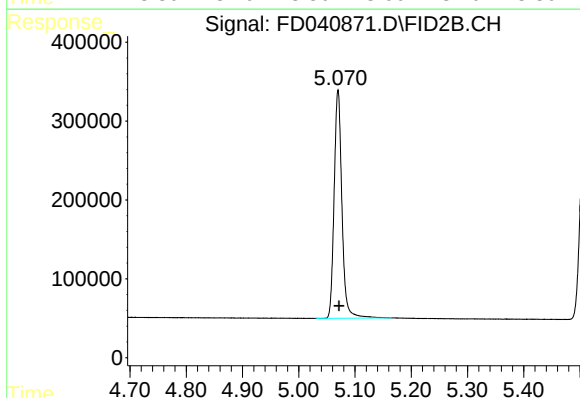
R.T.: 2.560 min
Delta R.T.: 0.000 min
Response: 2540926
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



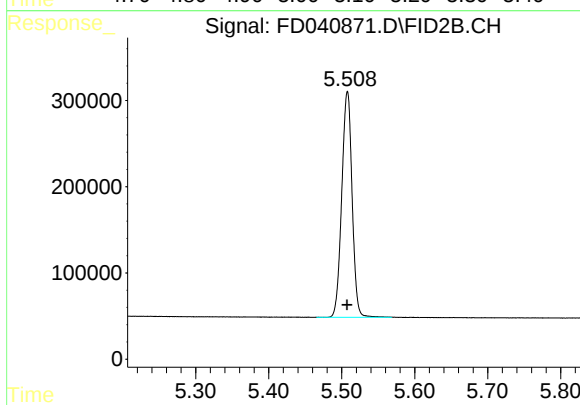
#2 n-Decane (C10)

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 2562143
Conc: 20.40 ug/ml



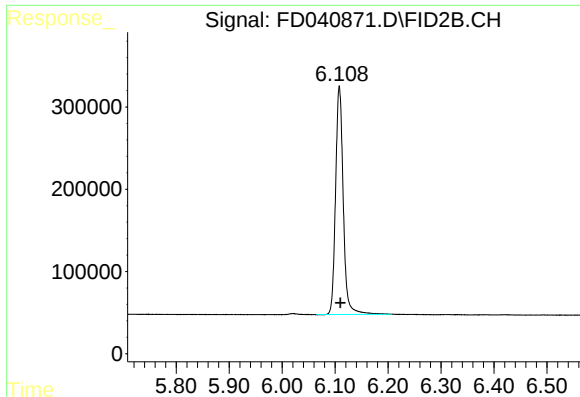
#3 A~Naphthalene (C11.7)

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 2784918
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

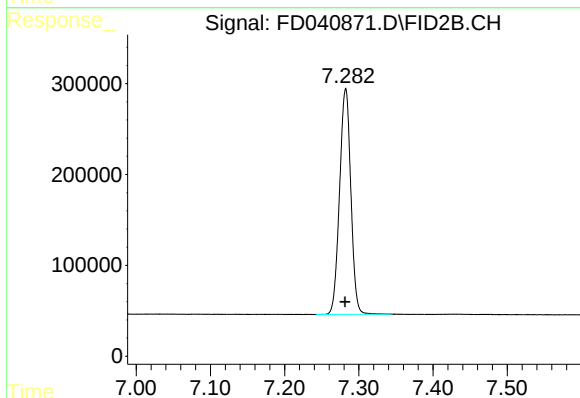
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 2577411
Conc: 20.47 ug/ml



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

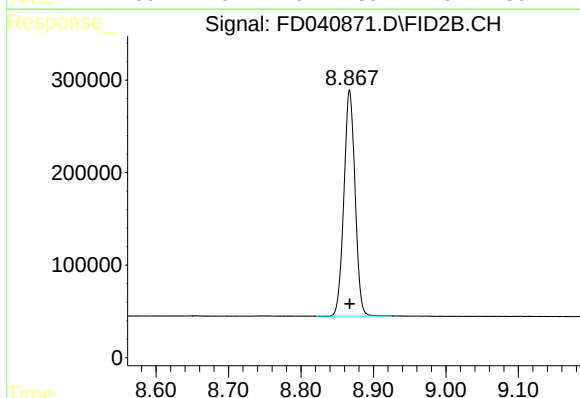
R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 2802822
Conc: 20.66 ug/ml

Instrument :
FID_D
ClientSampleId :



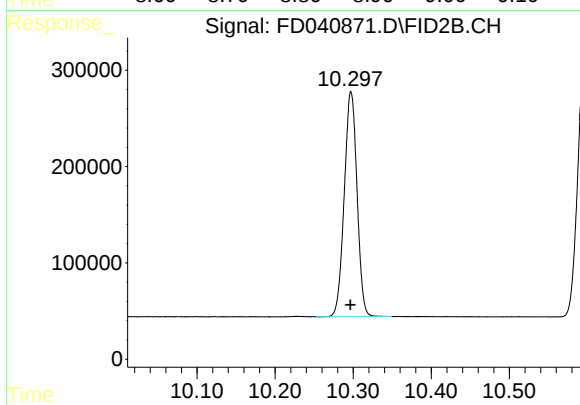
#6 n-Tetradecane (C14)

R.T.: 7.282 min
Delta R.T.: 0.001 min
Response: 2617780
Conc: 20.48 ug/ml



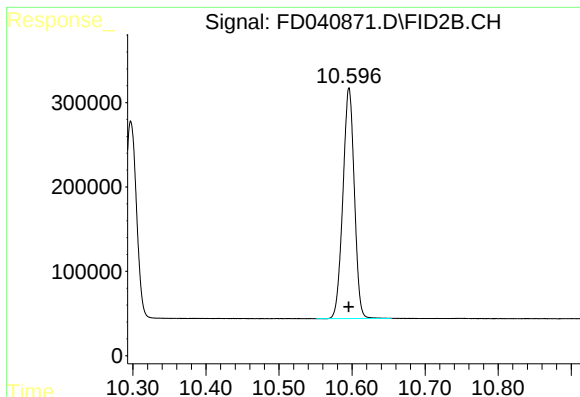
#7 n-Hexadecane (C16)

R.T.: 8.867 min
Delta R.T.: 0.000 min
Response: 2610406
Conc: 20.41 ug/ml



#8 n-Octadecane (C18)

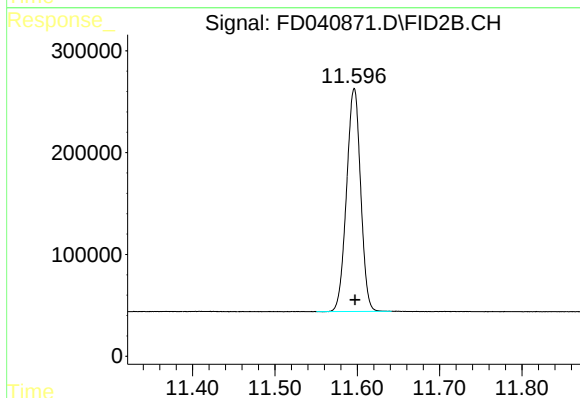
R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 2655596
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

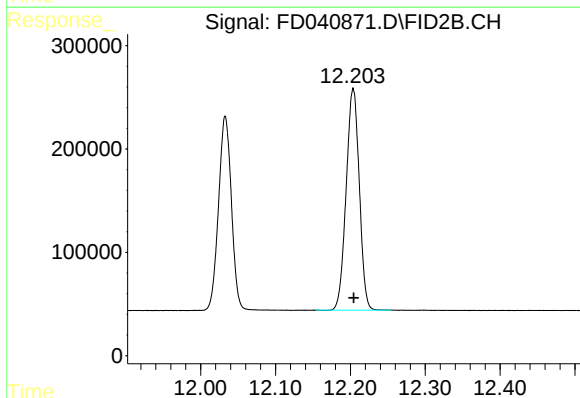
R.T.: 10.596 min
Delta R.T.: 0.000 min
Response: 2976000
Conc: 20.43 ug/ml

Instrument :
FID_D
ClientSampleId :



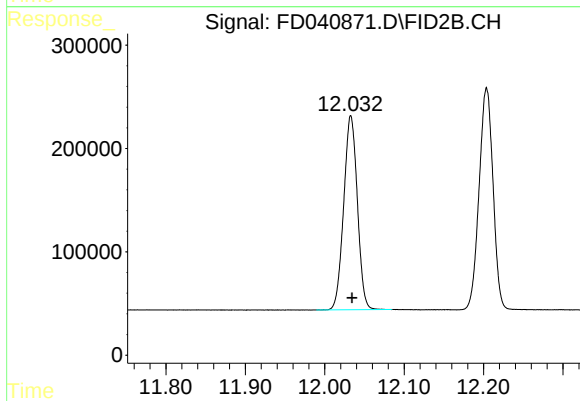
#10 n-Eicosane (C20)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 2600711
Conc: 20.39 ug/ml



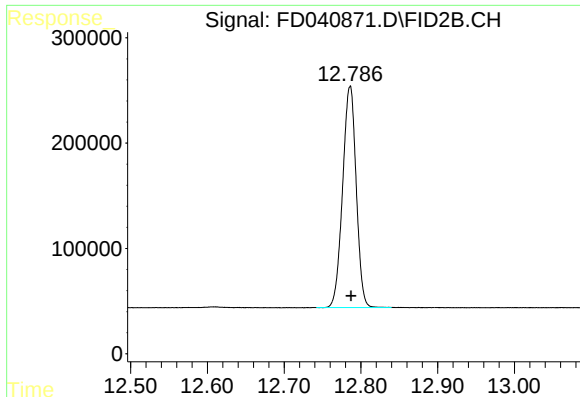
#11 n-Heneicosane (C21)

R.T.: 12.204 min
Delta R.T.: 0.000 min
Response: 2616343
Conc: 20.44 ug/ml



#12 1-chlorooctadecane (SURR)

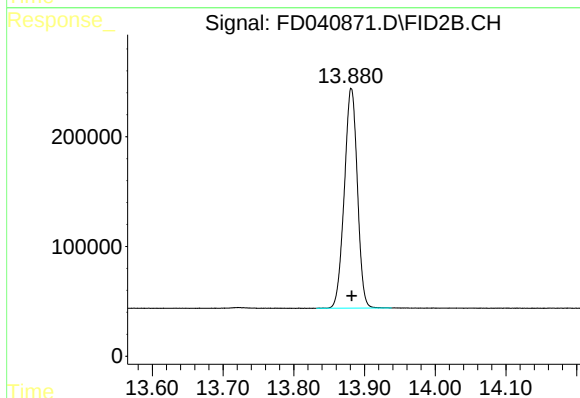
R.T.: 12.033 min
Delta R.T.: -0.002 min
Response: 2242289
Conc: 20.44 ug/ml



#13 n-Docosane (C22)

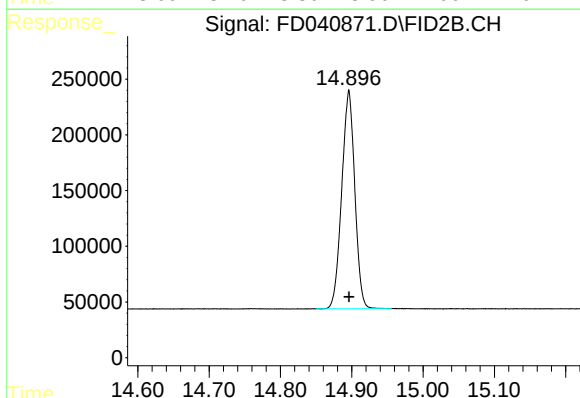
R.T.: 12.786 min
Delta R.T.: -0.001 min
Response: 2582211
Conc: 20.45 ug/ml

Instrument :
FID_D
ClientSampleId :



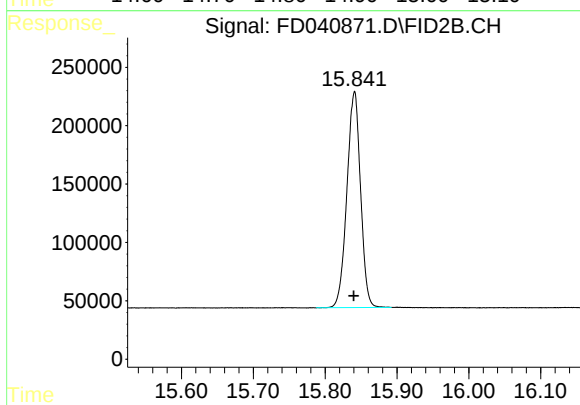
#14 n-Tetracosane (C24)

R.T.: 13.881 min
Delta R.T.: 0.000 min
Response: 2564126
Conc: 20.48 ug/ml



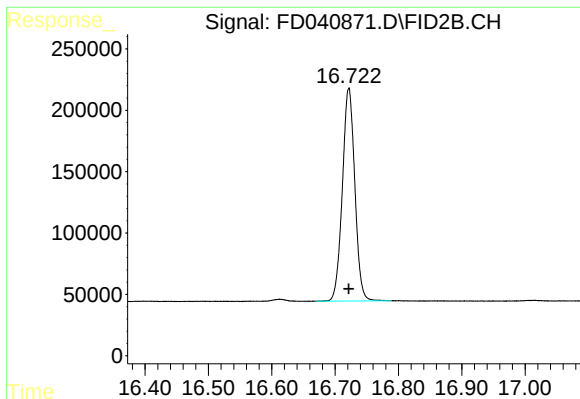
#15 n-Hexacosane (C26)

R.T.: 14.896 min
Delta R.T.: 0.000 min
Response: 2493545
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

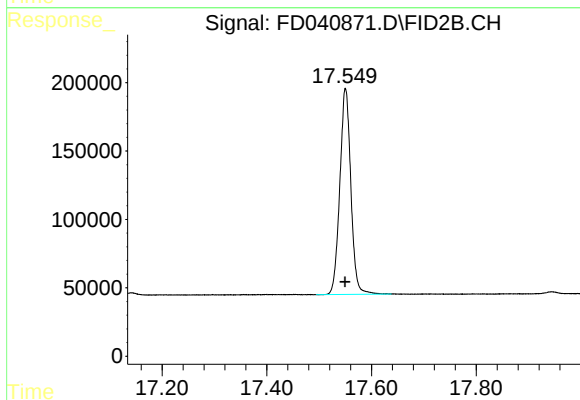
R.T.: 15.841 min
Delta R.T.: 0.001 min
Response: 2448416
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

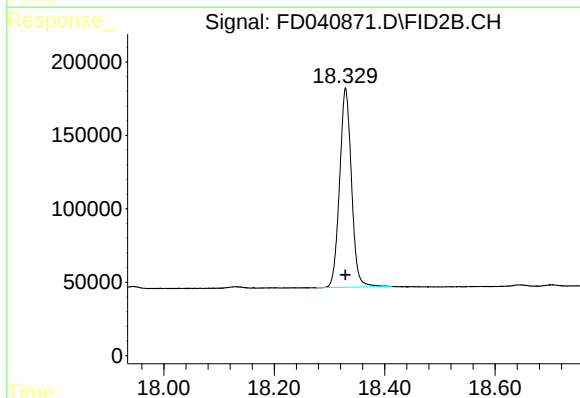
R.T.: 16.722 min
Delta R.T.: 0.000 min
Response: 2367420
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :



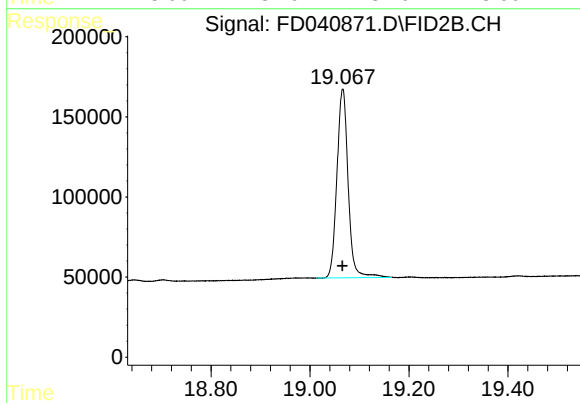
#18 n-Dotriacontane (C32)

R.T.: 17.550 min
Delta R.T.: 0.000 min
Response: 2196554
Conc: 20.45 ug/ml



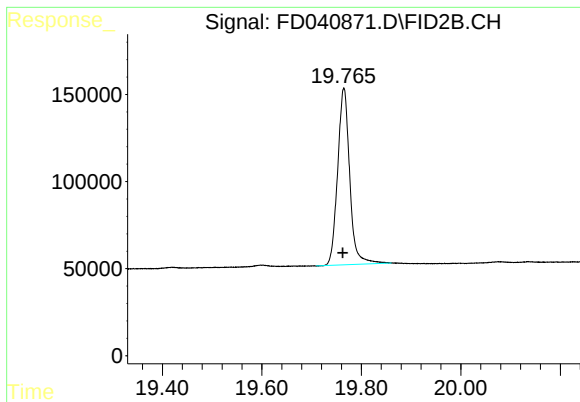
#19 n-Tetratriacontane (C34)

R.T.: 18.329 min
Delta R.T.: 0.000 min
Response: 2018260
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.066 min
Delta R.T.: 0.000 min
Response: 1855712
Conc: 20.79 ug/ml



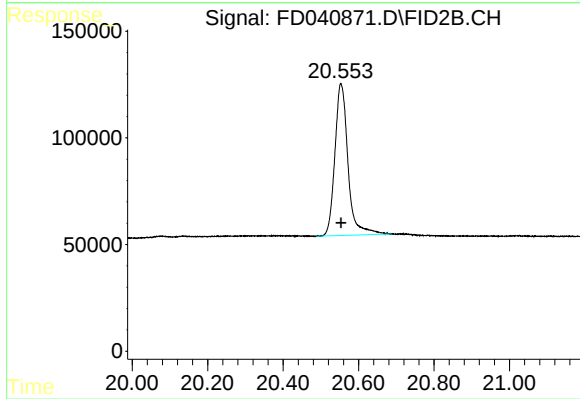
#21 n-Octatriacontane (C38)

R.T.: 19.765 min
Delta R.T.: 0.002 min
Response: 1710278
Conc: 20.46 ug/ml

Instrument :

FID_D

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.553 min
Delta R.T.: 0.000 min
Response: 1714753
Conc: 20.71 ug/ml