

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AL\
 Data File : FD042433.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 3:40
 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 13 05:26:17 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)	11.205	3141489	18.732 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	12.644	2441178	18.500 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
Target Compounds			
1) T n-Nonane (C9)	3.082	2762688	20.269 ug/ml
2) T n-Decane (C10)	4.126	2768956	20.662 ug/ml
3) T A~Naphthalene (C11.7)	5.676	2860237	19.732 ug/ml
4) T n-Dodecane (C12)	6.118	2896449	20.345 ug/ml
5) T A~2-methylnaphthalene...	6.721	2885643	20.707 ug/ml
6) T n-Tetradecane (C14)	7.893	2921751	20.511 ug/ml
7) T n-Hexadecane (C16)	9.478	2958679	20.360 ug/ml
8) T n-Octadecane (C18)	10.908	2985413	19.919 ug/ml
10) T n-Eicosane (C20)	12.206	2966327	19.380 ug/ml
11) T n-Heneicosane (C21)	12.814	2887417	18.729 ug/ml
13) T n-Docosane (C22)	13.396	3107280	20.158 ug/ml
14) T n-Tetracosane (C24)	14.490	3358938	21.719 ug/ml
15) T n-Hexacosane (C26)	15.505	3541383	23.023 ug/ml
16) T n-Octacosane (C28)	16.448	3839174	25.111 ug/ml
17) T n-Tricontane (C30)	17.330	3898287	25.989 ug/ml
18) T n-Dotriacontane (C32)	18.157	3523212	24.917 ug/ml
19) T n-Tetratriacontane (C34)	18.936	3036434	23.595 ug/ml
20) T n-Hexatriacontane (C36)	19.672	2465531	21.788 ug/ml
21) T n-Octatriacontane (C38)	20.368	2270483	22.756 ug/ml
22) T n-Tetracontane (C40)	21.138	2074385	22.998 ug/ml

(f)=RT Delta > 1/2 Window

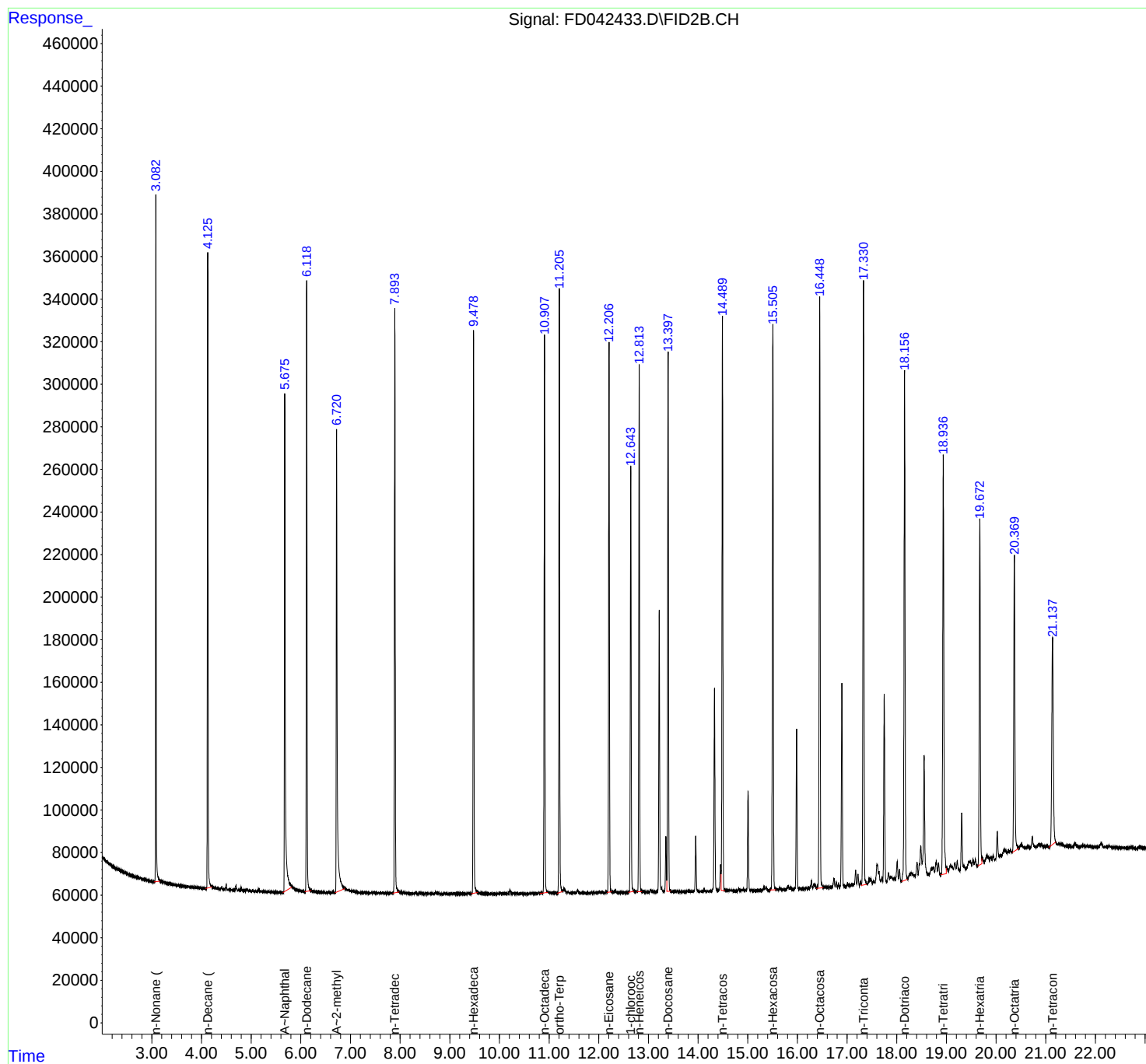
(m)=manual int.

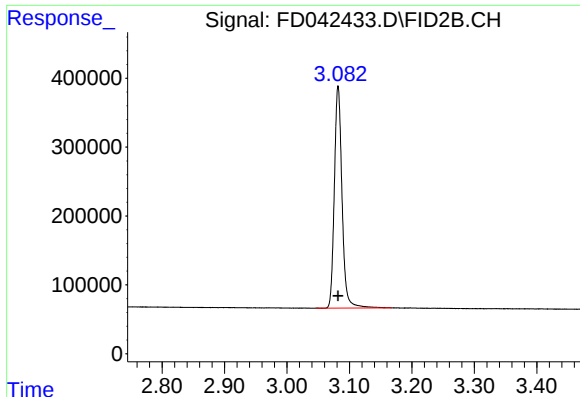
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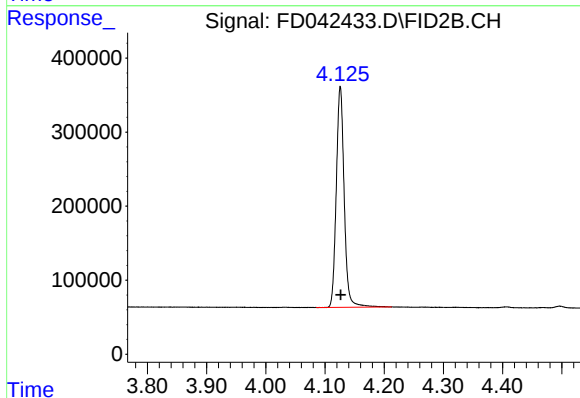




#1 n-Nonane (C9)

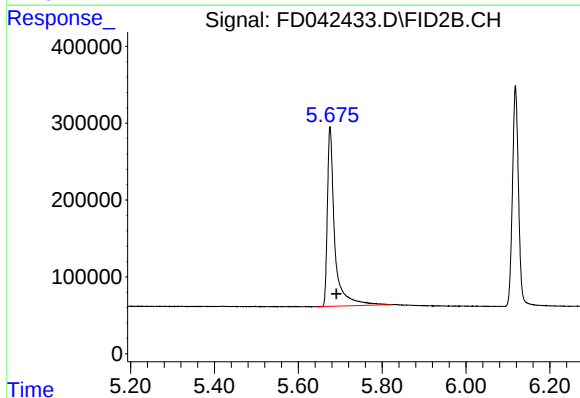
R.T.: 3.082 min
Delta R.T.: 0.000 min
Response: 2762688
Conc: 20.27 ug/ml

Instrument :
FID_D
ClientSampleId :



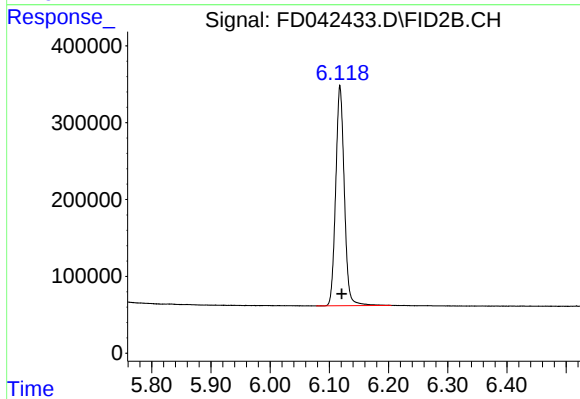
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: 0.000 min
Response: 2768956
Conc: 20.66 ug/ml



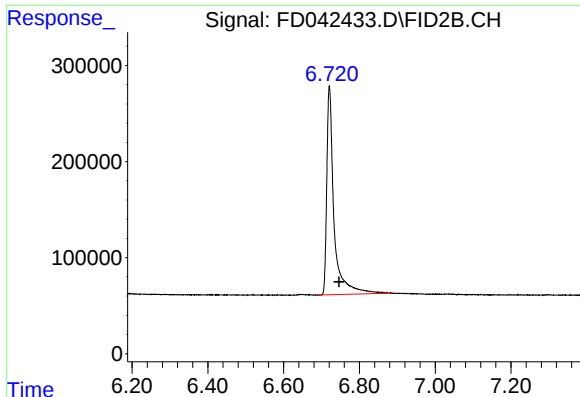
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 2860237
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

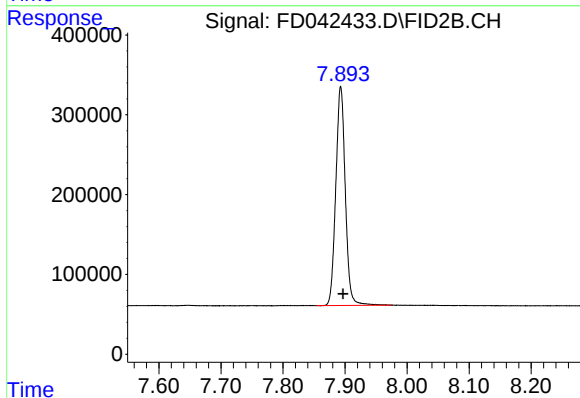
R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 2896449
Conc: 20.35 ug/ml



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

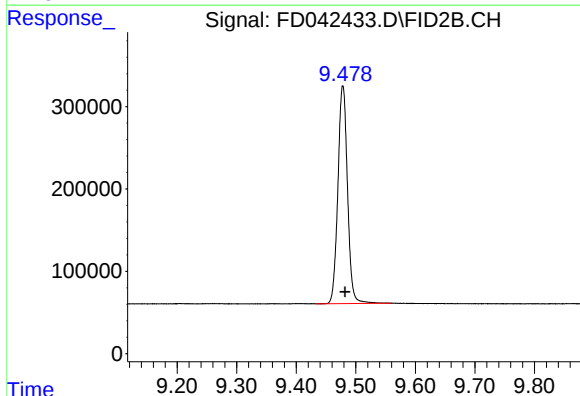
R.T.: 6.721 min
Delta R.T.: -0.025 min
Response: 2885643
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :



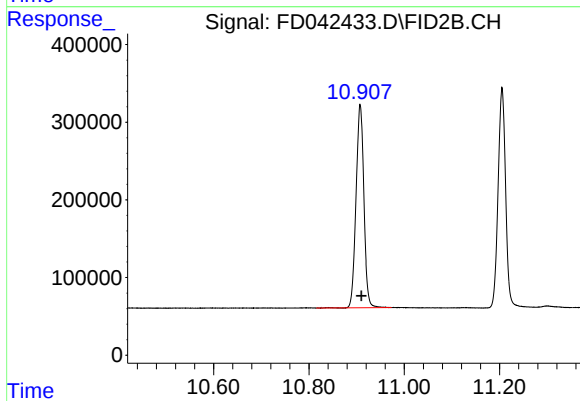
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: -0.004 min
Response: 2921751
Conc: 20.51 ug/ml



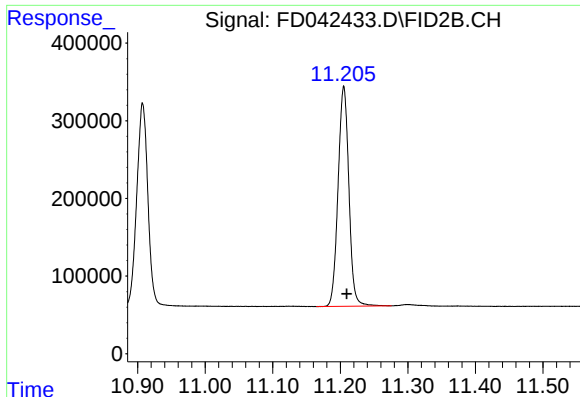
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: -0.004 min
Response: 2958679
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

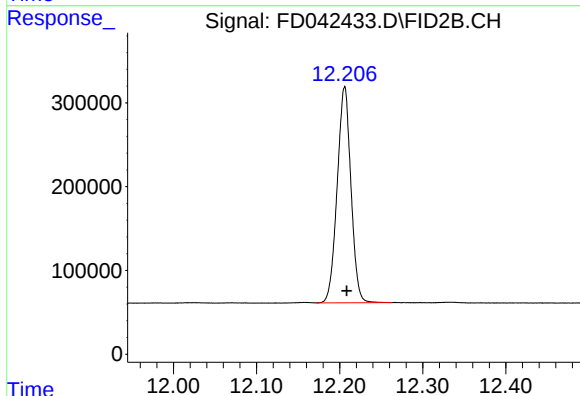
R.T.: 10.908 min
Delta R.T.: -0.003 min
Response: 2985413
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

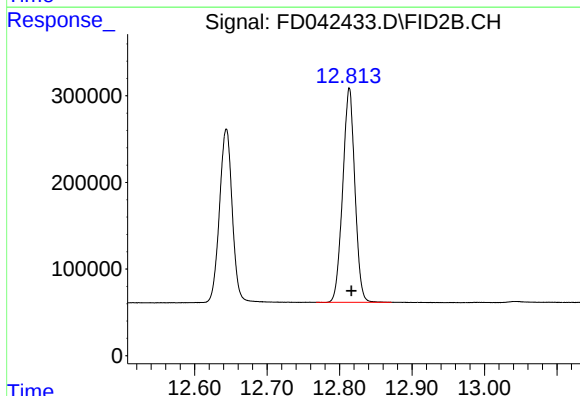
R.T.: 11.205 min
Delta R.T.: -0.004 min
Response: 3141489
Conc: 18.73 ug/ml

Instrument :
FID_D
ClientSampleId :



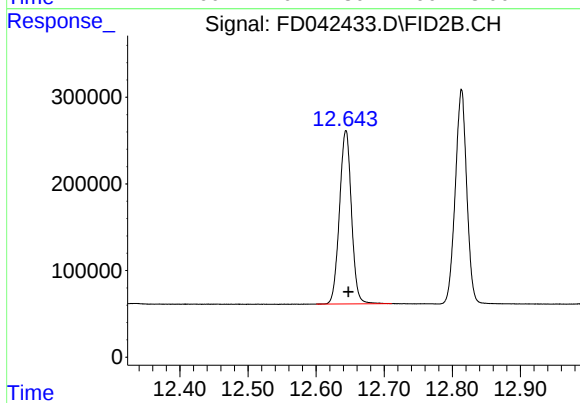
#10 n-Eicosane (C20)

R.T.: 12.206 min
Delta R.T.: -0.003 min
Response: 2966327
Conc: 19.38 ug/ml



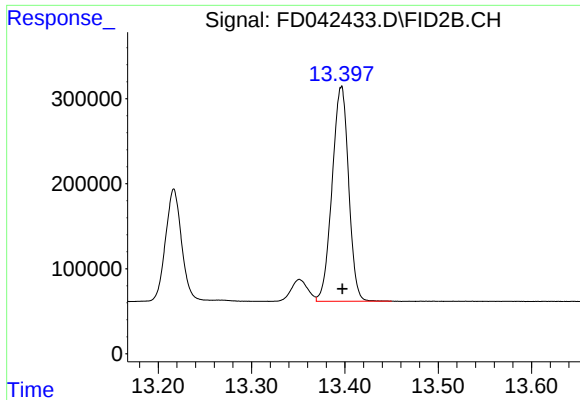
#11 n-Heneicosane (C21)

R.T.: 12.814 min
Delta R.T.: -0.003 min
Response: 2887417
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

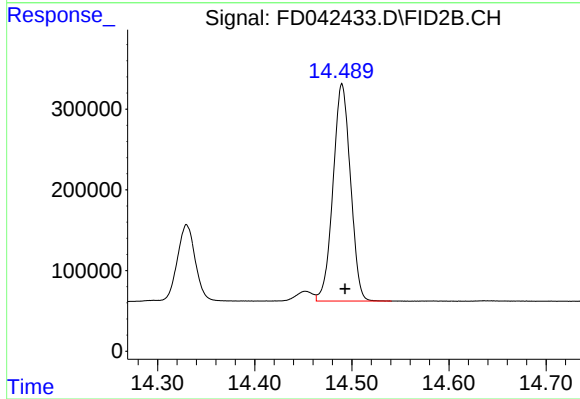
R.T.: 12.644 min
Delta R.T.: -0.004 min
Response: 2441178
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

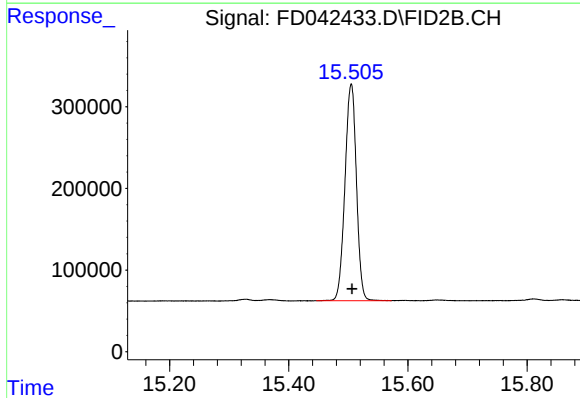
R.T.: 13.396 min
Delta R.T.: -0.001 min
Response: 3107280
Conc: 20.16 ug/ml

Instrument :
FID_D
ClientSampleId :



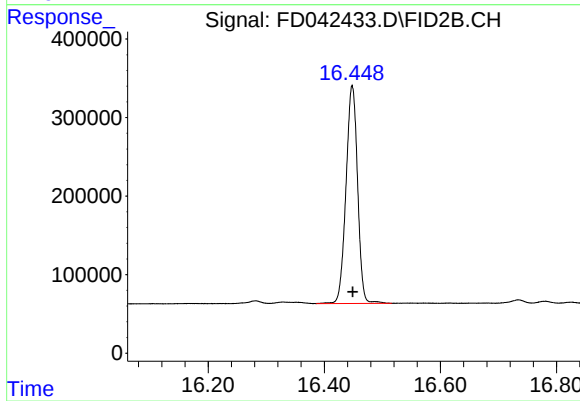
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: -0.003 min
Response: 3358938
Conc: 21.72 ug/ml



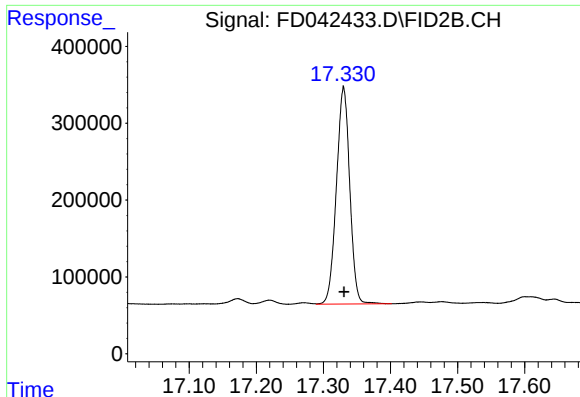
#15 n-Hexacosane (C26)

R.T.: 15.505 min
Delta R.T.: -0.001 min
Response: 3541383
Conc: 23.02 ug/ml



#16 n-Octacosane (C28)

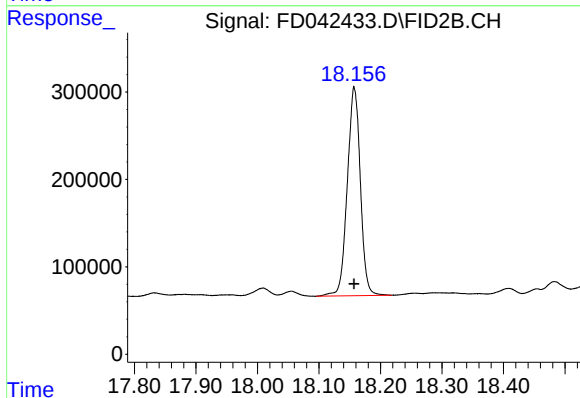
R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 3839174
Conc: 25.11 ug/ml



#17 n-Tricontane (C30)

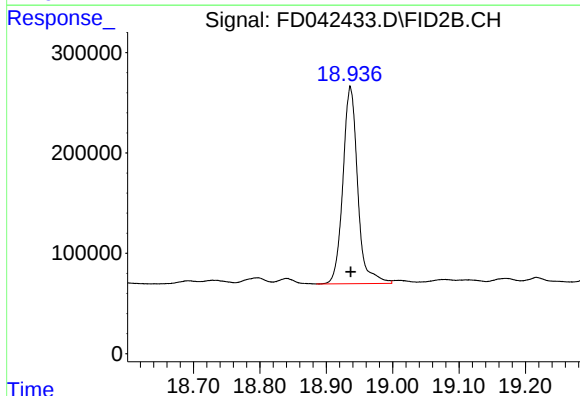
R.T.: 17.330 min
Delta R.T.: 0.000 min
Response: 3898287
Conc: 25.99 ug/ml

Instrument :
FID_D
ClientSampleId :



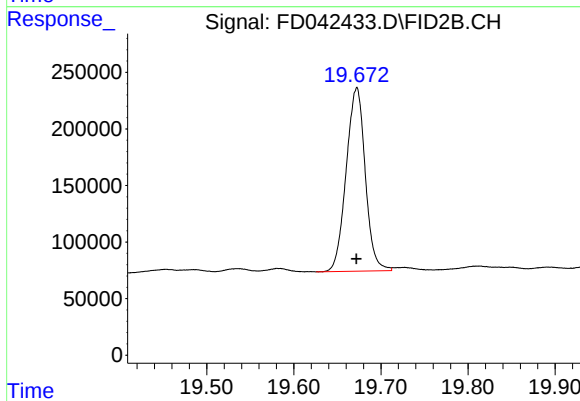
#18 n-Dotriacontane (C32)

R.T.: 18.157 min
Delta R.T.: 0.000 min
Response: 3523212
Conc: 24.92 ug/ml



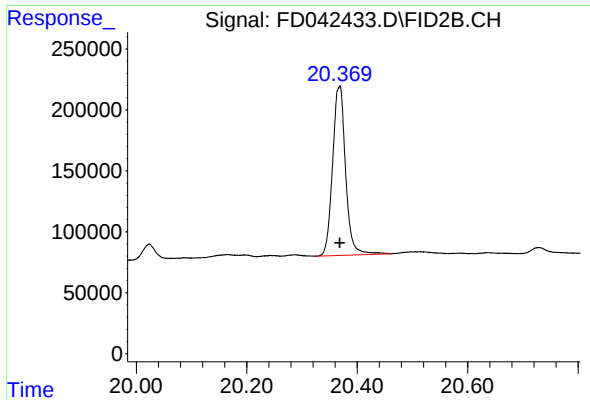
#19 n-Tetratriacontane (C34)

R.T.: 18.936 min
Delta R.T.: 0.000 min
Response: 3036434
Conc: 23.59 ug/ml



#20 n-Hexatriacontane (C36)

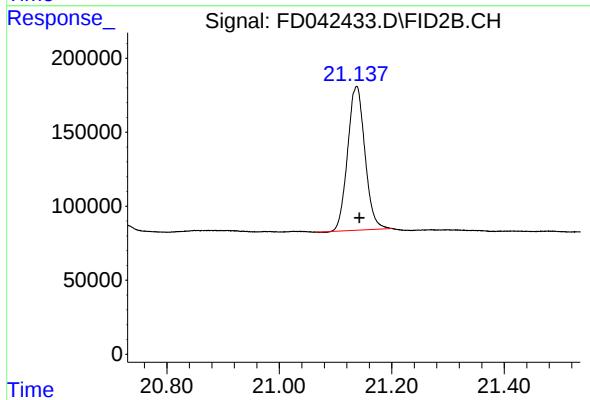
R.T.: 19.672 min
Delta R.T.: 0.000 min
Response: 2465531
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 2270483
Conc: 22.76 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: -0.005 min
Response: 2074385
Conc: 23.00 ug/ml