

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046143.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 11:40
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 20 13:19:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 13:18:25 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.403	8176358	46.276 ug/ml
Spiked Amount 50.000		Recovery =	92.55%
12) S 1-chlorooctadecane (S...	12.836	5784613	47.366 ug/ml
Spiked Amount 50.000		Recovery =	94.73%
Target Compounds			
1) T n-Nonane (C9)	3.232	7318247	46.021 ug/ml
2) T n-Decane (C10)	4.286	7468762	46.141 ug/ml
3) T A~Naphthalene (C11.7)	5.847	8093725	45.917 ug/ml
4) T n-Dodecane (C12)	6.289	7532880	46.221 ug/ml
5) T A~2-methylnaphthalene...	6.896	7779199	46.533 ug/ml
6) T n-Tetradecane (C14)	8.073	7452781	46.371 ug/ml
7) T n-Hexadecane (C16)	9.665	7643581	46.328 ug/ml
8) T n-Octadecane (C18)	11.098	7594140	46.379 ug/ml
10) T n-Eicosane (C20)	12.398	7062518	46.625 ug/ml
11) T n-Heneicosane (C21)	13.005	6810437	46.579 ug/ml
13) T n-Docosane (C22)	13.586	6622010	46.716 ug/ml
14) T n-Tetracosane (C24)	14.682	6357737	46.045 ug/ml
15) T n-Hexacosane (C26)	15.695	5961559	46.348 ug/ml
16) T n-Octacosane (C28)	16.636	5683616	46.192 ug/ml
17) T n-Tricontane (C30)	17.516	5735879	45.745 ug/ml
18) T n-Dotriacontane (C32)	18.342	5669468	45.914 ug/ml
19) T n-Tetratriacontane (C34)	19.119	5890484	45.439 ug/ml
20) T n-Hexatriacontane (C36)	19.853	5457100	47.279 ug/ml
21) T n-Octatriacontane (C38)	20.554	5312163	47.548 ug/ml
22) T n-Tetracontane (C40)	21.372	4997898	46.788 ug/ml

(f)=RT Delta > 1/2 Window

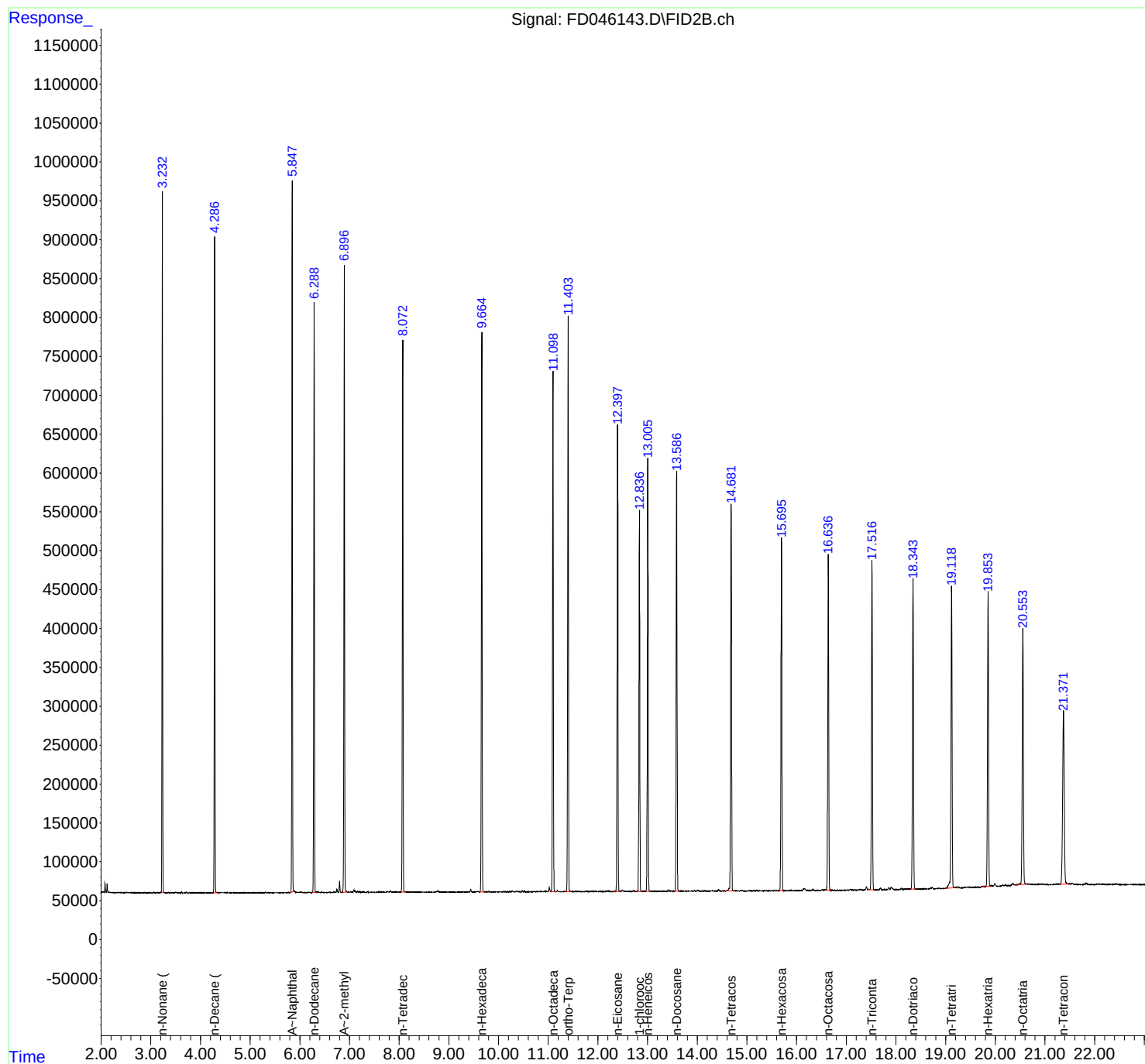
(m)=manual int.

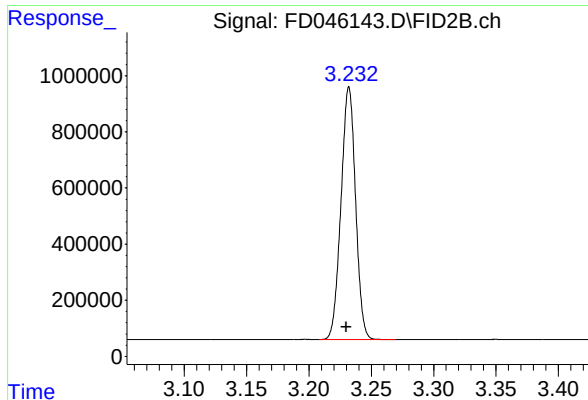
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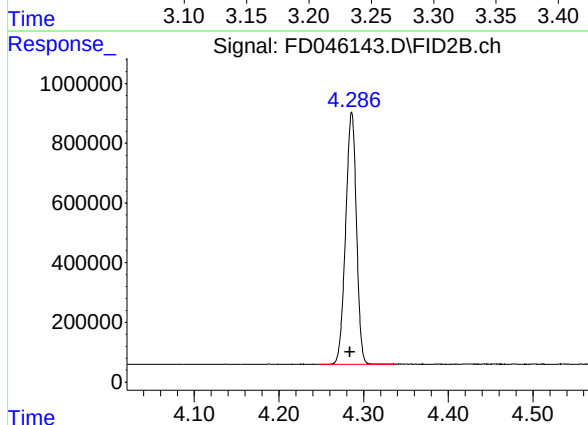




#1 n-Nonane (C9)

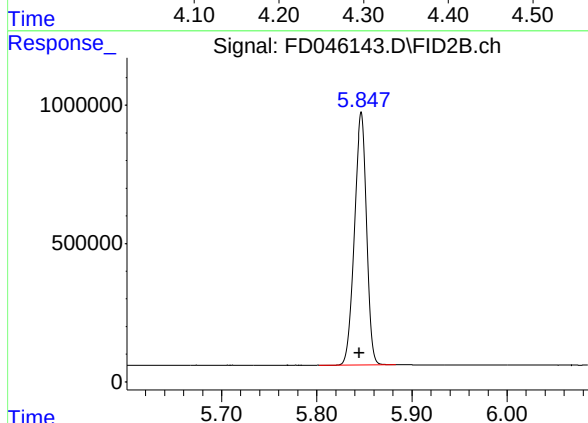
R.T.: 3.232 min
Delta R.T.: 0.002 min
Response: 7318247
Conc: 46.02 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



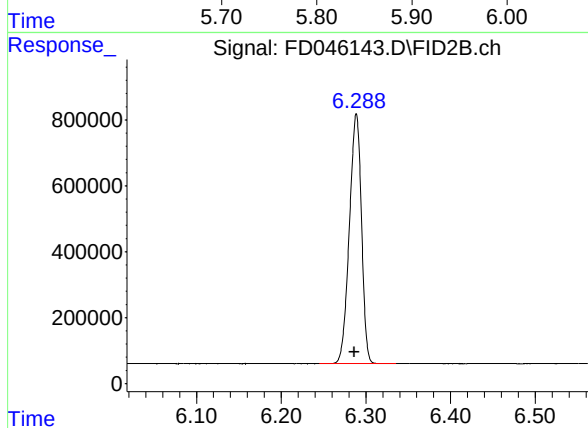
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: 0.002 min
Response: 7468762
Conc: 46.14 ug/ml



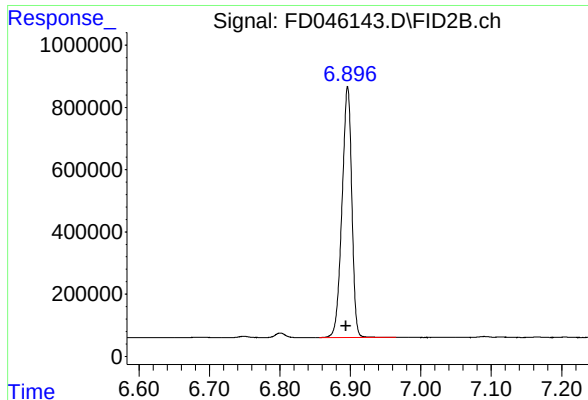
#3 n-Undecane (C11.7)

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 8093725
Conc: 45.92 ug/ml



#4 n-Dodecane (C12)

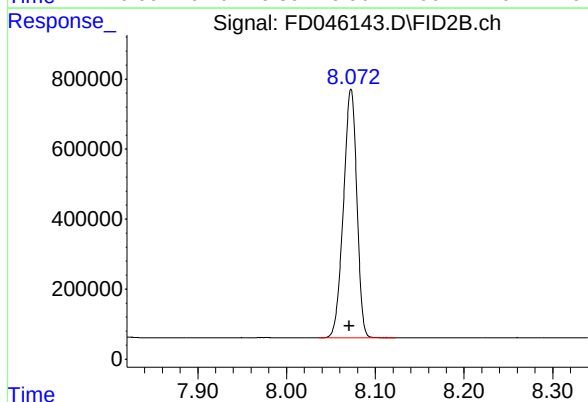
R.T.: 6.289 min
Delta R.T.: 0.003 min
Response: 7532880
Conc: 46.22 ug/ml



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

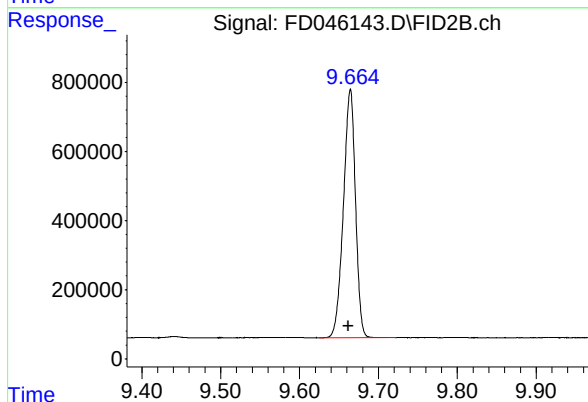
R.T.: 6.896 min
Delta R.T.: 0.003 min
Response: 7779199
Conc: 46.53 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



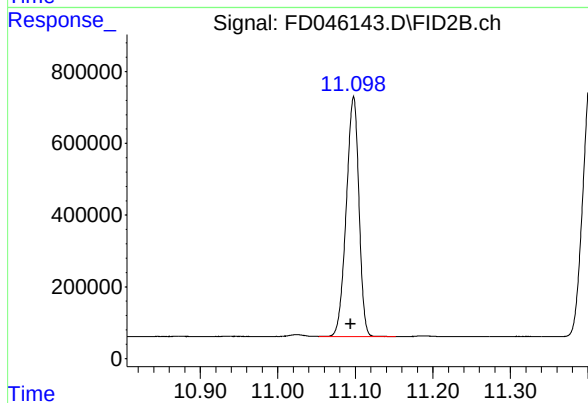
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.002 min
Response: 7452781
Conc: 46.37 ug/ml



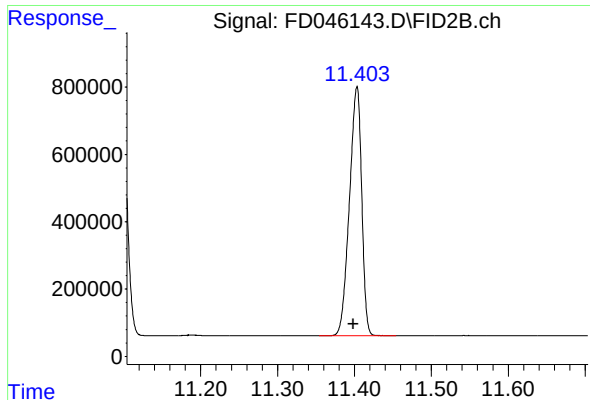
#7 n-Hexadecane (C16)

R.T.: 9.665 min
Delta R.T.: 0.003 min
Response: 7643581
Conc: 46.33 ug/ml



#8 n-Octadecane (C18)

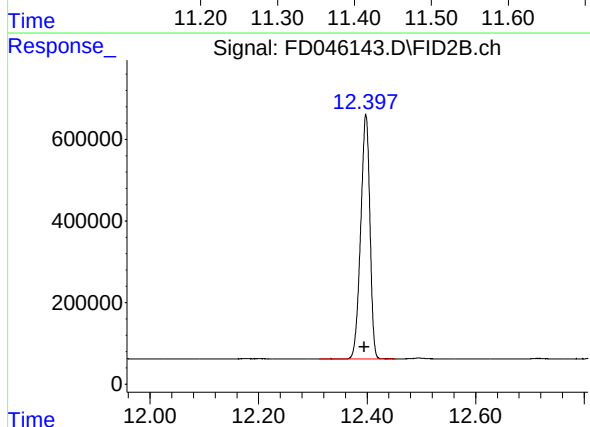
R.T.: 11.098 min
Delta R.T.: 0.004 min
Response: 7594140
Conc: 46.38 ug/ml



#9 ortho-Terphenyl (SURR)

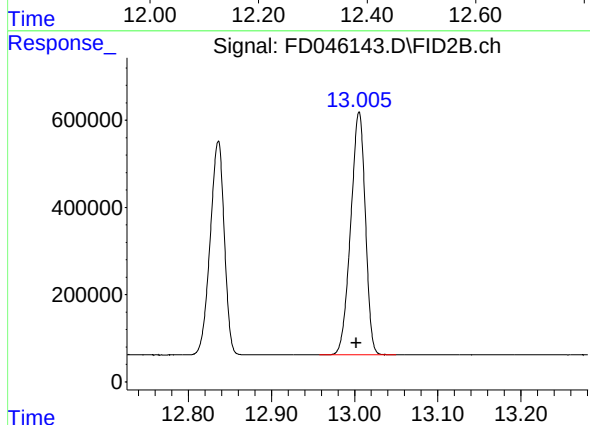
R.T.: 11.403 min
Delta R.T.: 0.005 min
Response: 8176358
Conc: 46.28 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



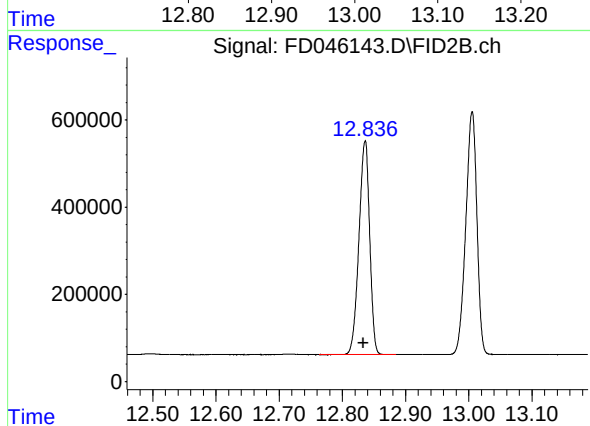
#10 n-Eicosane (C20)

R.T.: 12.398 min
Delta R.T.: 0.003 min
Response: 7062518
Conc: 46.63 ug/ml



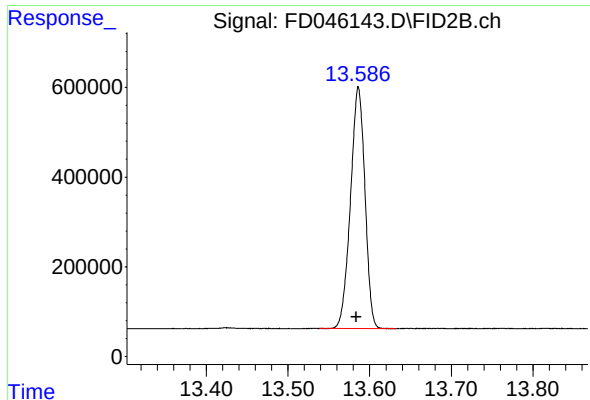
#11 n-Heneicosane (C21)

R.T.: 13.005 min
Delta R.T.: 0.003 min
Response: 6810437
Conc: 46.58 ug/ml



#12 1-chlorooctadecane (SURR)

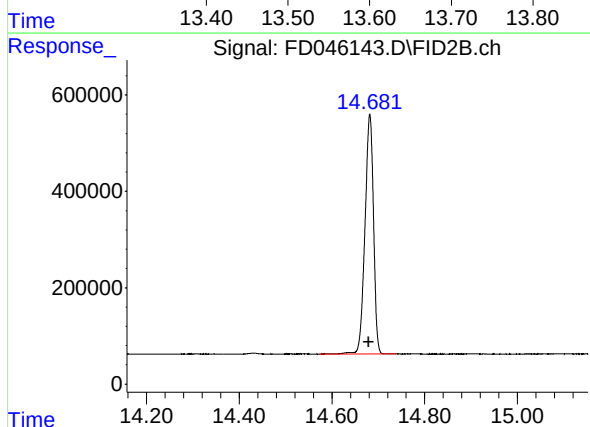
R.T.: 12.836 min
Delta R.T.: 0.003 min
Response: 5784613
Conc: 47.37 ug/ml



#13 n-Docosane (C22)

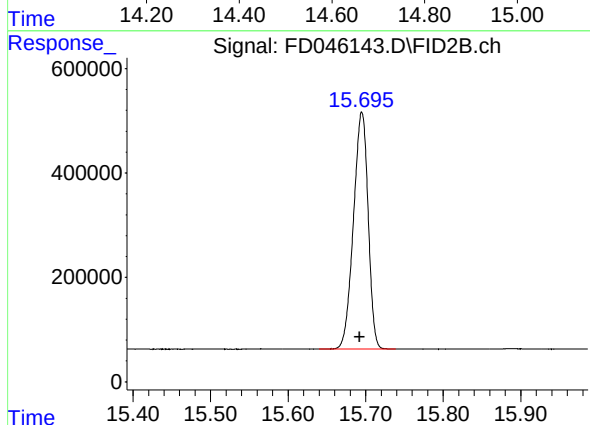
R.T.: 13.586 min
Delta R.T.: 0.003 min
Response: 6622010
Conc: 46.72 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



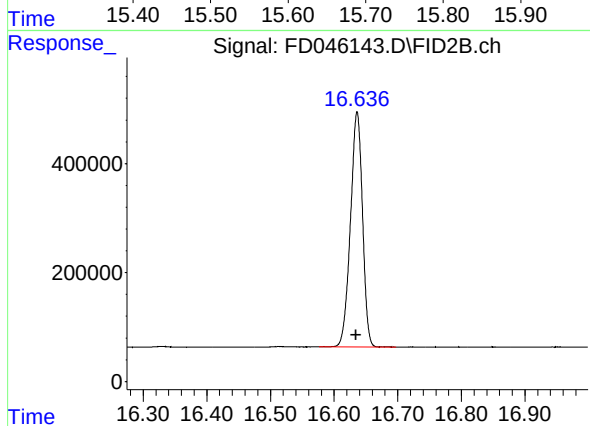
#14 n-Tetracosane (C24)

R.T.: 14.682 min
Delta R.T.: 0.003 min
Response: 6357737
Conc: 46.05 ug/ml



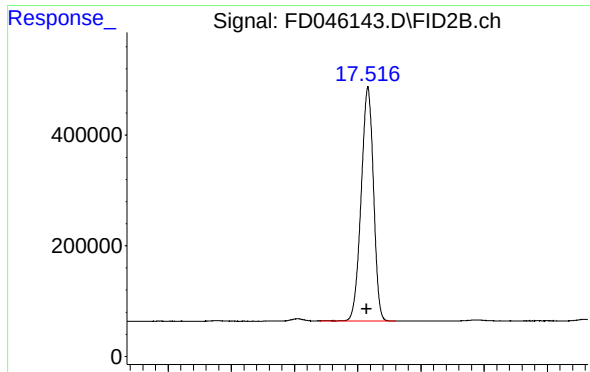
#15 n-Hexacosane (C26)

R.T.: 15.695 min
Delta R.T.: 0.003 min
Response: 5961559
Conc: 46.35 ug/ml



#16 n-Octacosane (C28)

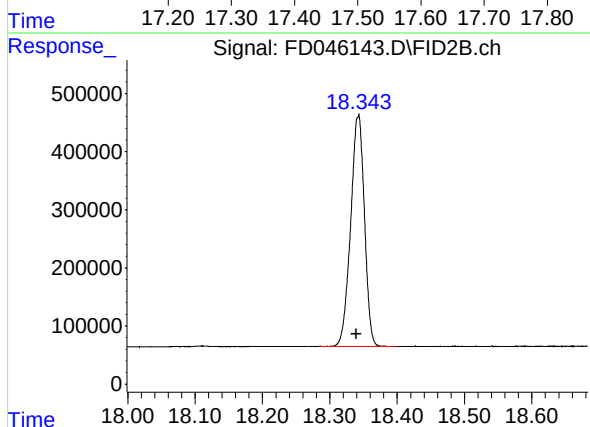
R.T.: 16.636 min
Delta R.T.: 0.002 min
Response: 5683616
Conc: 46.19 ug/ml



#17 n-Tricontane (C30)

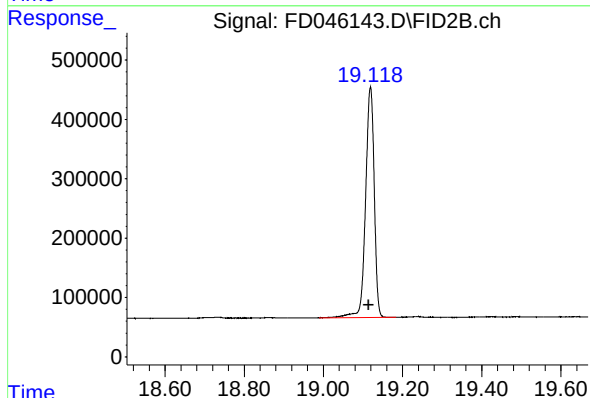
R.T.: 17.516 min
Delta R.T.: 0.002 min
Response: 5735879
Conc: 45.75 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



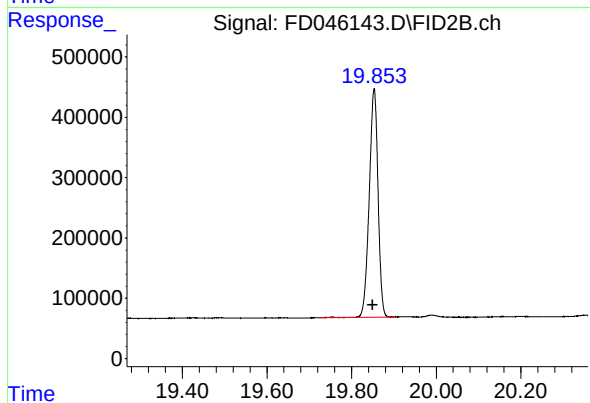
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: 0.003 min
Response: 5669468
Conc: 45.91 ug/ml



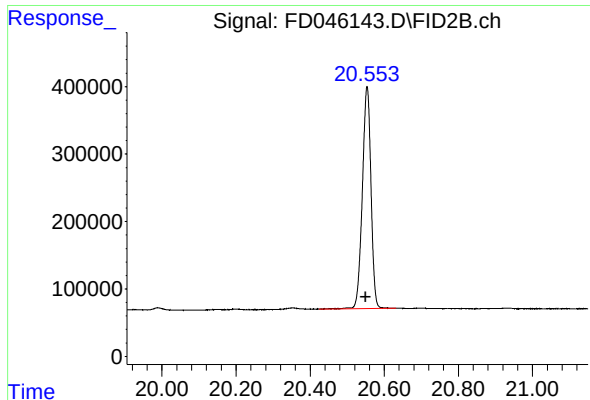
#19 n-Tetatriacontane (C34)

R.T.: 19.119 min
Delta R.T.: 0.004 min
Response: 5890484
Conc: 45.44 ug/ml



#20 n-Hexatriacontane (C36)

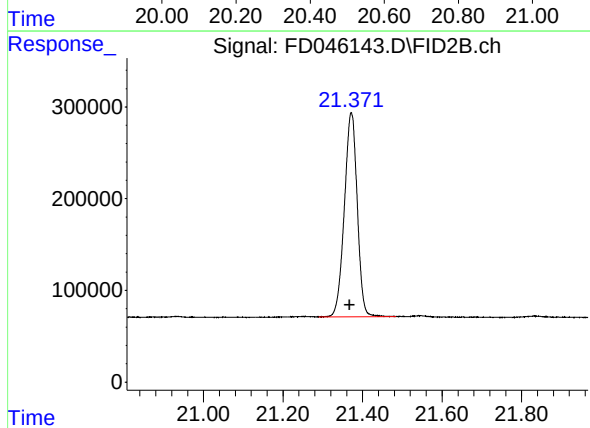
R.T.: 19.853 min
Delta R.T.: 0.004 min
Response: 5457100
Conc: 47.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.554 min
Delta R.T.: 0.004 min
Response: 5312163
Conc: 47.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.372 min
Delta R.T.: 0.004 min
Response: 4997898
Conc: 46.79 ug/ml