

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012630.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 13:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 19 13:24:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.914	2951180	18.424 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
12) S 1-chlorooctadecane (S...	12.346	2186786	18.503 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	2.766	2375331	18.151 ug/ml
2) T n-Decane (C10)	3.776	2467967	18.473 ug/ml
3) T A~Naphthalene (C11.7)	5.344	2614055	18.553 ug/ml
4) T n-Dodecane (C12)	5.764	2499185	18.464 ug/ml
5) T A~2-methylnaphthalene...	6.394	2484252	18.718 ug/ml
6) T n-Tetradecane (C14)	7.555	2467849	18.445 ug/ml
7) T n-Hexadecane (C16)	9.153	2560587	18.496 ug/ml
8) T n-Octadecane (C18)	10.594	2623500	18.430 ug/ml
10) T n-Eicosane (C20)	11.901	2539123	18.463 ug/ml
11) T n-Heneicosane (C21)	12.512	2488236	18.399 ug/ml
13) T n-Docosane (C22)	13.097	2463776	18.405 ug/ml
14) T n-Tetracosane (C24)	14.199	2419650	18.402 ug/ml
15) T n-Hexacosane (C26)	15.218	2327198	18.303 ug/ml
16) T n-Octacosane (C28)	16.168	2232893	18.161 ug/ml
17) T n-Tricontane (C30)	17.053	2207622	17.882 ug/ml
18) T n-Dotriacontane (C32)	17.885	2142754	17.710 ug/ml
19) T n-Tetratriacontane (C34)	18.668	2091201	17.874 ug/ml
20) T n-Hexatriacontane (C36)	19.407	2040223	18.108 ug/ml
21) T n-Octatriacontane (C38)	20.138	2036159	18.280 ug/ml
22) T n-Tetracontane (C40)	21.036	2011089	18.225 ug/ml

(f)=RT Delta > 1/2 Window

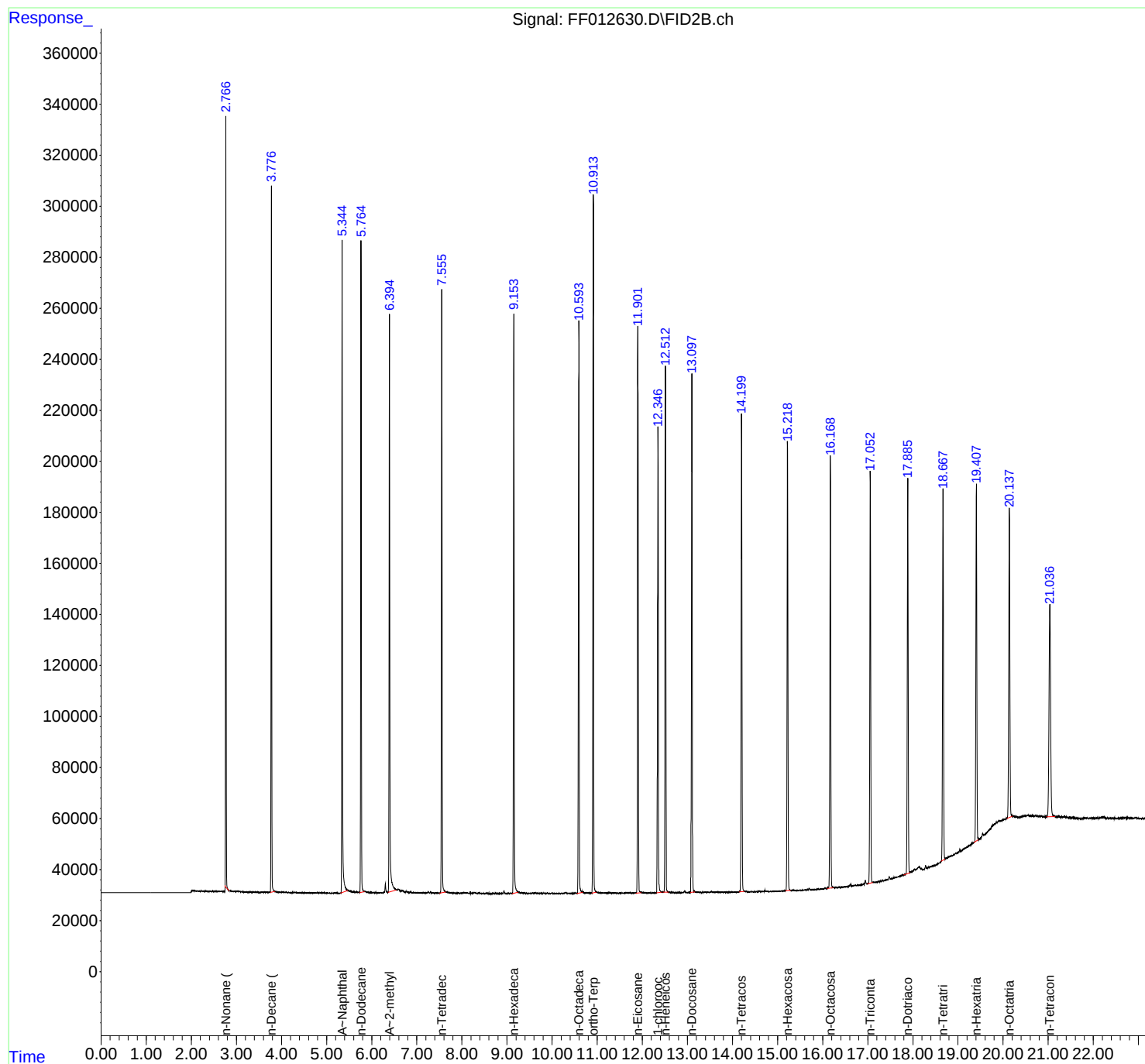
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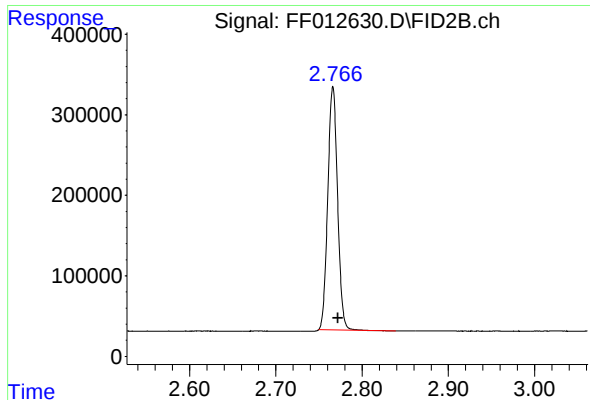
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#1 n-Nonane (C9)

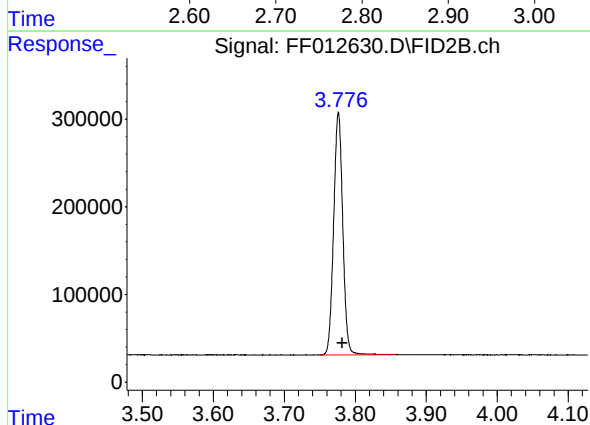
R.T.: 2.766 min
Delta R.T.: -0.006 min
Response: 2375331
Conc: 18.15 ug/ml

Instrument :

FID_F

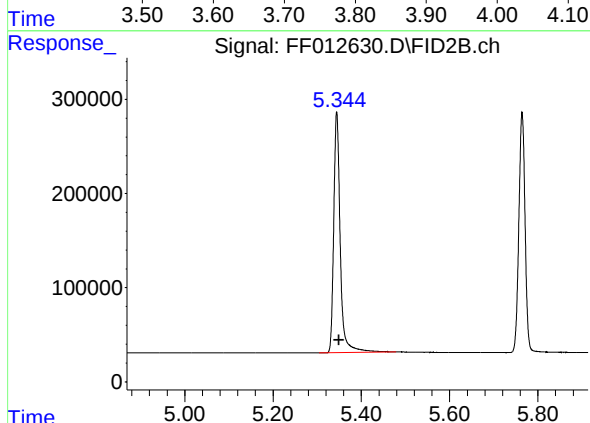
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



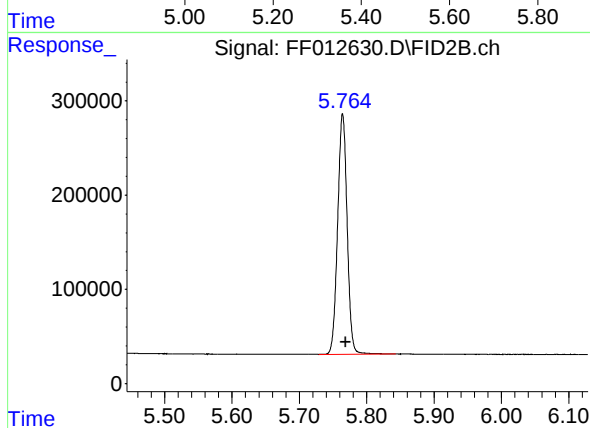
#2 n-Decane (C10)

R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 2467967
Conc: 18.47 ug/ml



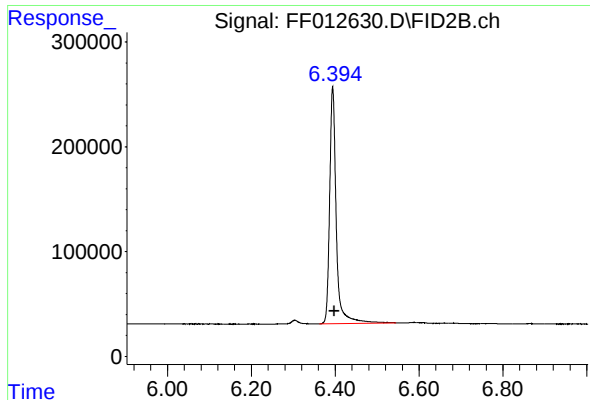
#3 A~Naphthalene (C11.7)

R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 2614055
Conc: 18.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 2499185
Conc: 18.46 ug/ml



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

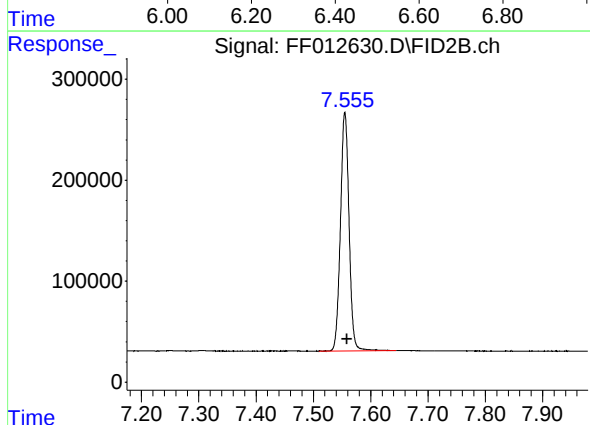
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 2484252
Conc: 18.72 ug/ml

Instrument :

FID_F

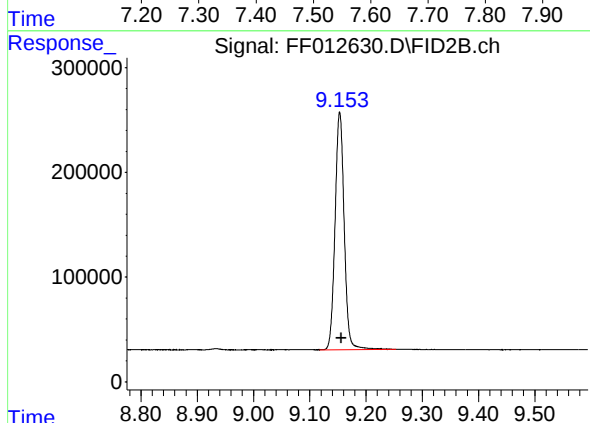
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



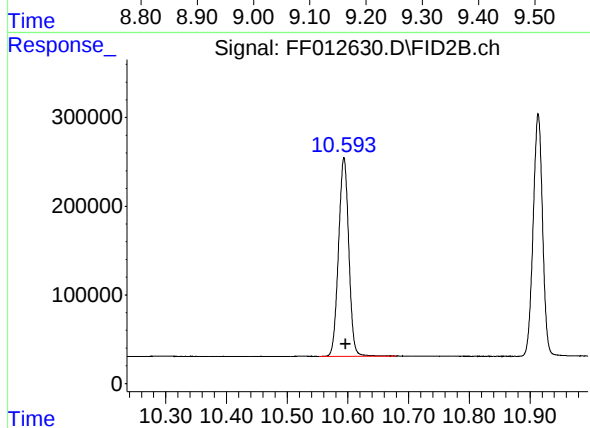
#6 n-Tetradecane (C14)

R.T.: 7.555 min
Delta R.T.: -0.003 min
Response: 2467849
Conc: 18.45 ug/ml



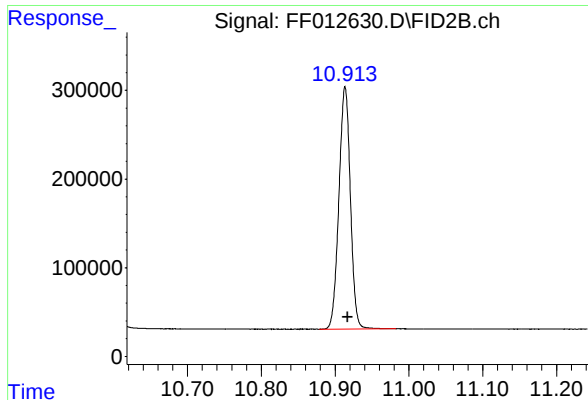
#7 n-Hexadecane (C16)

R.T.: 9.153 min
Delta R.T.: -0.003 min
Response: 2560587
Conc: 18.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.594 min
Delta R.T.: -0.003 min
Response: 2623500
Conc: 18.43 ug/ml



#9 ortho-Terphenyl (SURR)

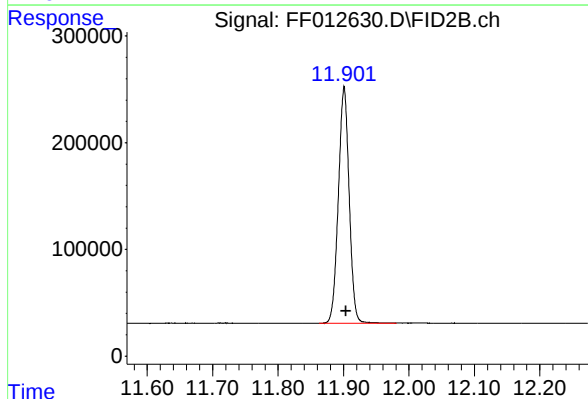
R.T.: 10.914 min
Delta R.T.: -0.003 min
Response: 2951180
Conc: 18.42 ug/ml

Instrument :

FID_F

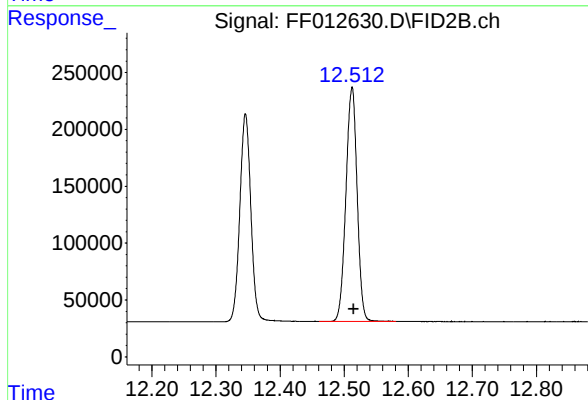
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



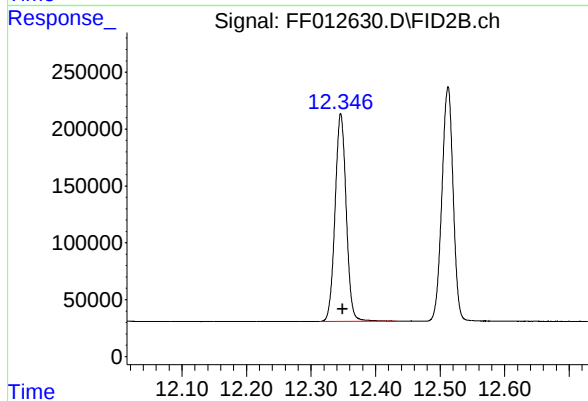
#10 n-Eicosane (C20)

R.T.: 11.901 min
Delta R.T.: -0.003 min
Response: 2539123
Conc: 18.46 ug/ml



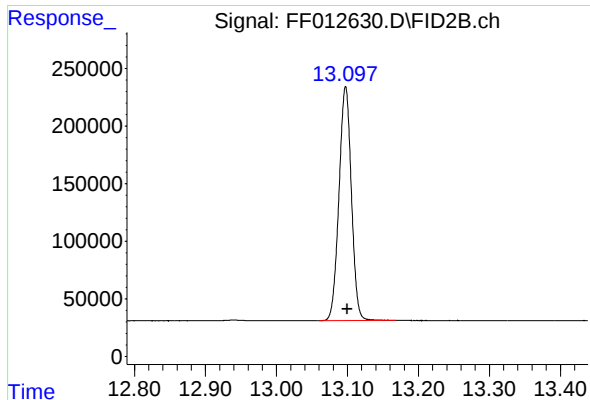
#11 n-Heneicosane (C21)

R.T.: 12.512 min
Delta R.T.: -0.003 min
Response: 2488236
Conc: 18.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.346 min
Delta R.T.: -0.003 min
Response: 2186786
Conc: 18.50 ug/ml



#13 n-Docosane (C22)

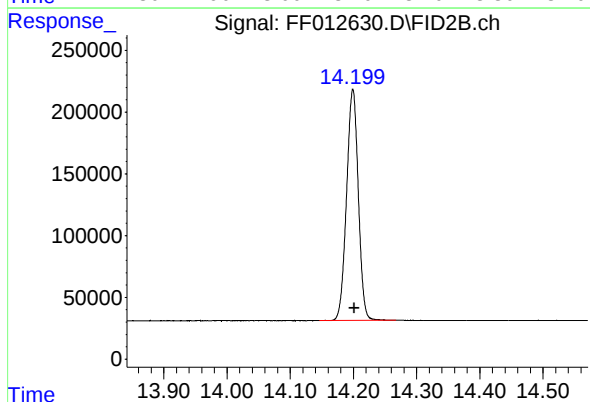
R.T.: 13.097 min
Delta R.T.: -0.002 min
Response: 2463776
Conc: 18.40 ug/ml

Instrument :

FID_F

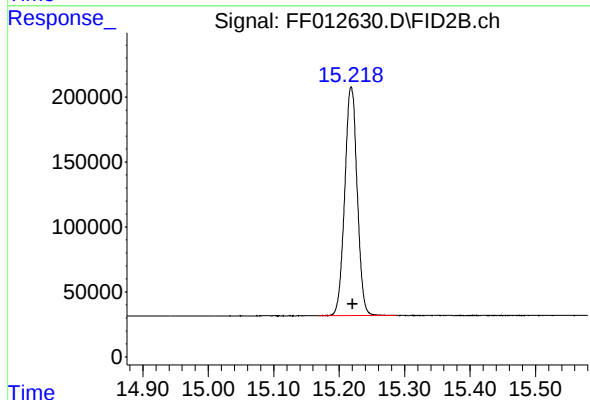
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



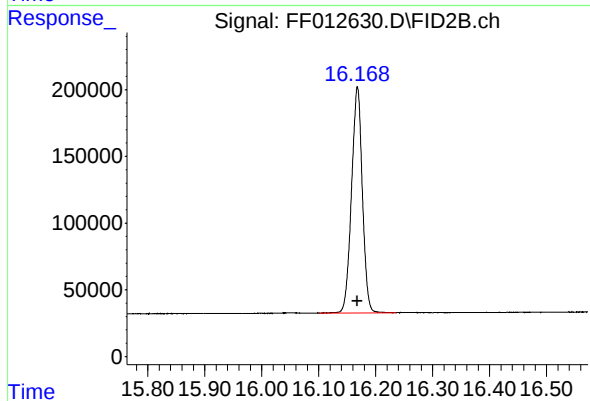
#14 n-Tetracosane (C24)

R.T.: 14.199 min
Delta R.T.: -0.002 min
Response: 2419650
Conc: 18.40 ug/ml



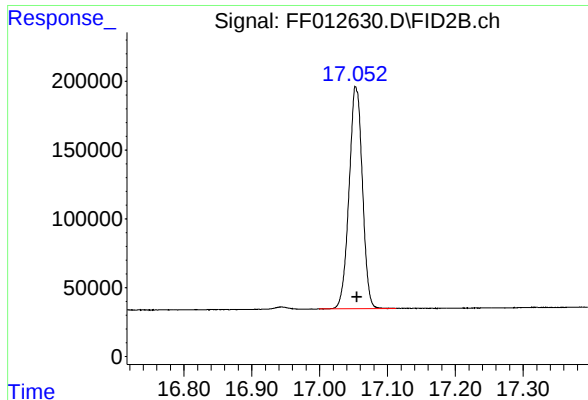
#15 n-Hexacosane (C26)

R.T.: 15.218 min
Delta R.T.: -0.002 min
Response: 2327198
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.168 min
Delta R.T.: 0.000 min
Response: 2232893
Conc: 18.16 ug/ml



#17 n-Tricontane (C30)

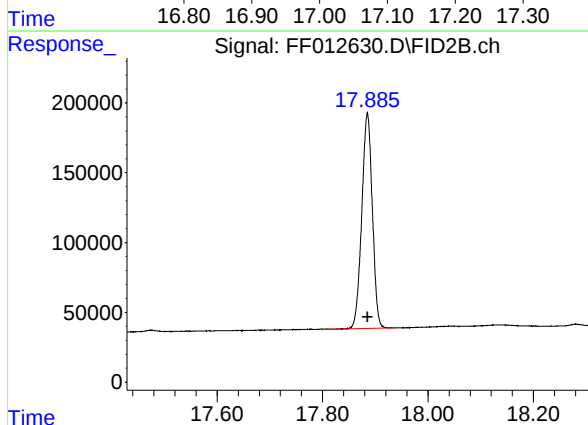
R.T.: 17.053 min
Delta R.T.: -0.002 min
Response: 2207622
Conc: 17.88 ug/ml

Instrument :

FID_F

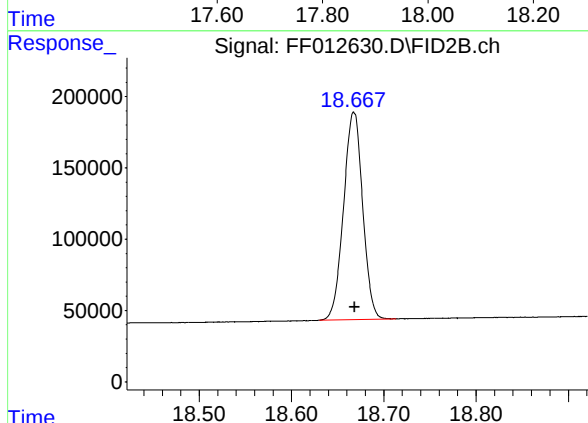
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



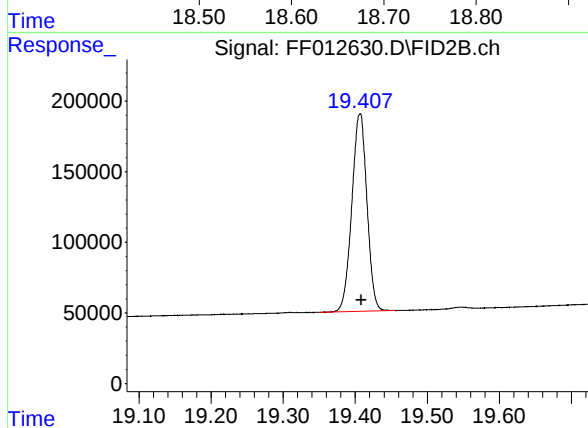
#18 n-Dotriacontane (C32)

R.T.: 17.885 min
Delta R.T.: 0.000 min
Response: 2142754
Conc: 17.71 ug/ml



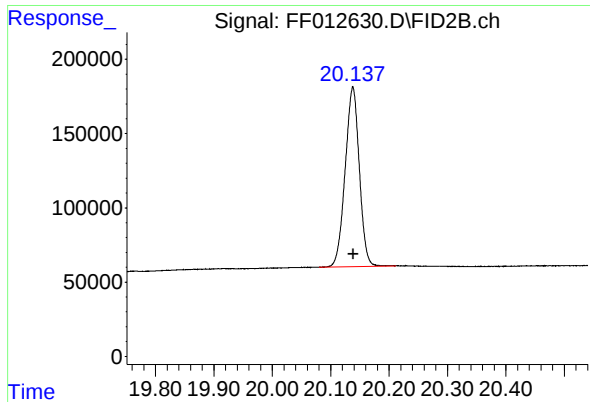
#19 n-Tetatriacontane (C34)

R.T.: 18.668 min
Delta R.T.: 0.000 min
Response: 2091201
Conc: 17.87 ug/ml



#20 n-Hexatriacontane (C36)

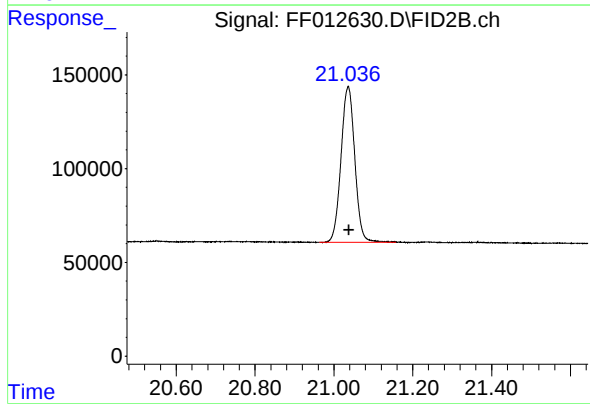
R.T.: 19.407 min
Delta R.T.: -0.002 min
Response: 2040223
Conc: 18.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.138 min
Delta R.T.: 0.000 min
Response: 2036159
Conc: 18.28 ug/ml

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FID_F
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: -0.002 min
Response: 2011089
Conc: 18.23 ug/ml