

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046147.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 14:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 21 01:38:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 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)	11.398	3486560	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	12.833	2401130	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.230	3145829	19.953 ug/ml
2) T n-Decane (C10)	4.284	3206011	19.963 ug/ml
3) T A~Naphthalene (C11.7)	5.845	3480500	20.104 ug/ml
4) T n-Dodecane (C12)	6.286	3224583	19.949 ug/ml
5) T A~2-methylnaphthalene...	6.894	3300615	19.999 ug/ml
6) T n-Tetradecane (C14)	8.070	3172335	19.941 ug/ml
7) T n-Hexadecane (C16)	9.661	3252268	19.986 ug/ml
8) T n-Octadecane (C18)	11.094	3232546	20.040 ug/ml
10) T n-Eicosane (C20)	12.395	2978959	19.957 ug/ml
11) T n-Heneicosane (C21)	13.003	2882437	19.968 ug/ml
13) T n-Docosane (C22)	13.584	2797503	20.022 ug/ml
14) T n-Tetracosane (C24)	14.679	2711851	19.694 ug/ml
15) T n-Hexacosane (C26)	15.693	2553175	19.971 ug/ml
16) T n-Octacosane (C28)	16.635	2438571	20.027 ug/ml
17) T n-Tricontane (C30)	17.515	2482815	20.061 ug/ml
18) T n-Dotriacontane (C32)	18.340	2442646	20.004 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2439316	19.066 ug/ml
20) T n-Hexatriacontane (C36)	19.851	2268289	19.806 ug/ml
21) T n-Octatriacontane (C38)	20.550	2155235	19.143 ug/ml
22) T n-Tetracontane (C40)	21.368	1832553	17.084 ug/ml

(f)=RT Delta > 1/2 Window

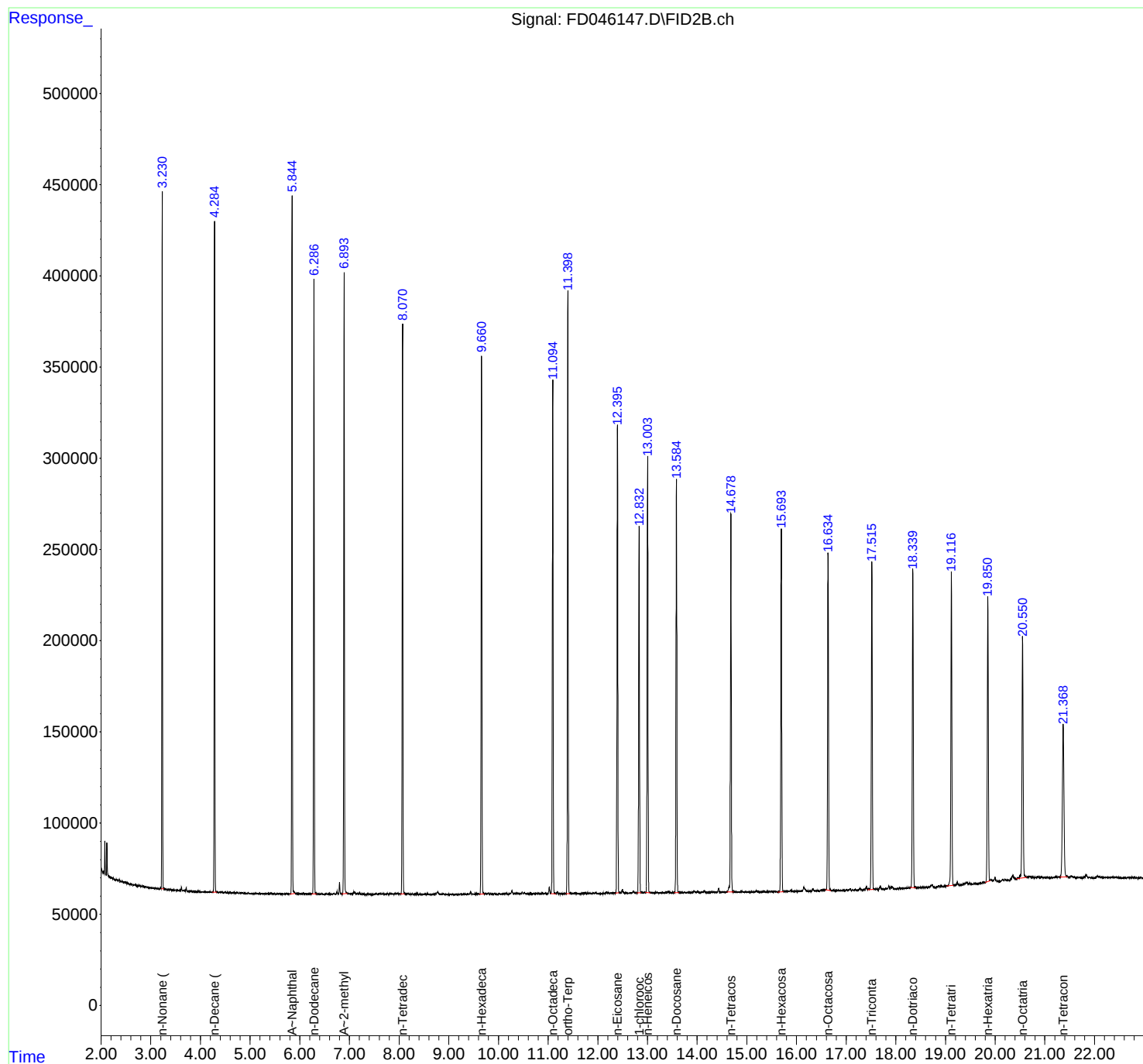
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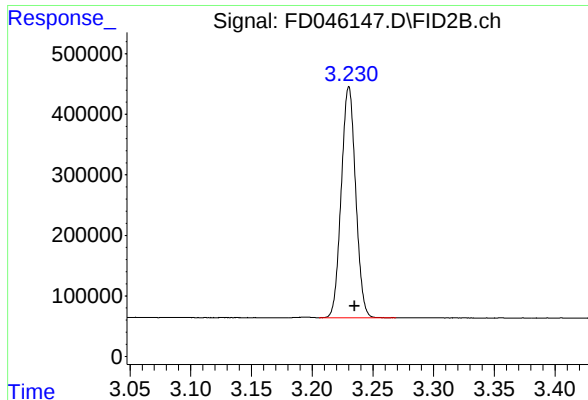
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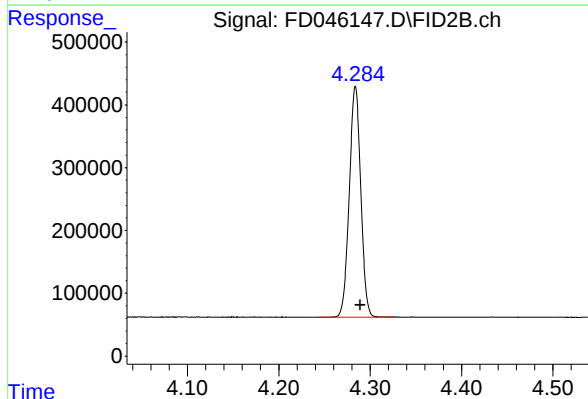




#1 n-Nonane (C9)

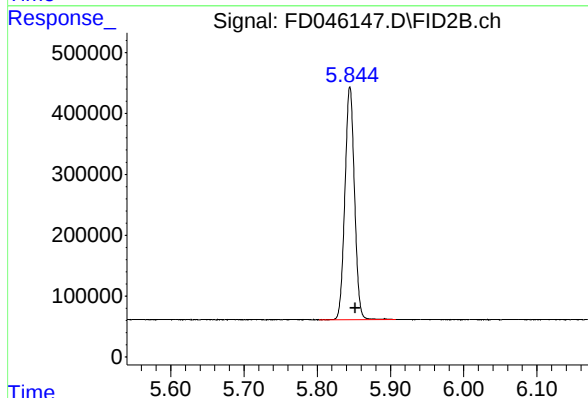
R.T.: 3.230 min
Delta R.T.: -0.005 min
Response: 3145829
Conc: 19.95 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



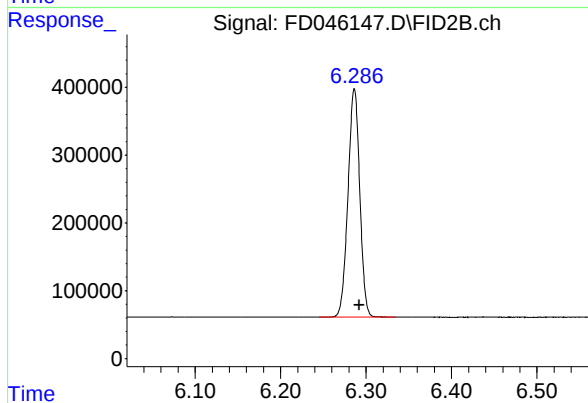
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.005 min
Response: 3206011
Conc: 19.96 ug/ml



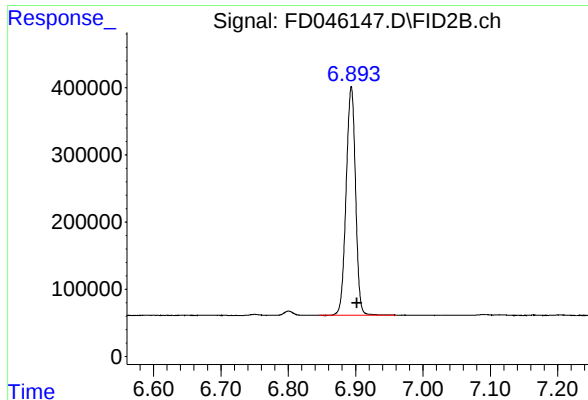
#3 A~Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.007 min
Response: 3480500
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.286 min
Delta R.T.: -0.006 min
Response: 3224583
Conc: 19.95 ug/ml



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

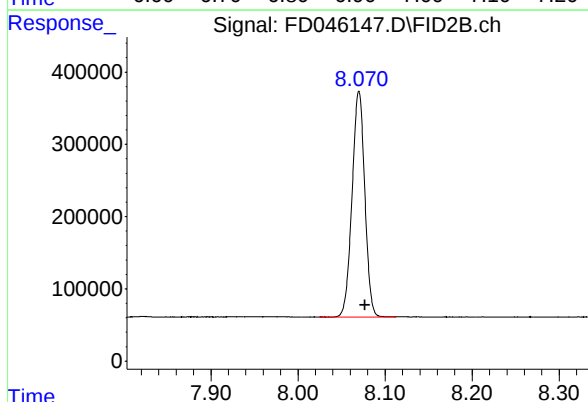
R.T.: 6.894 min
Delta R.T.: -0.008 min
Response: 3300615
Conc: 20.00 ug/ml

Instrument :

FID_D

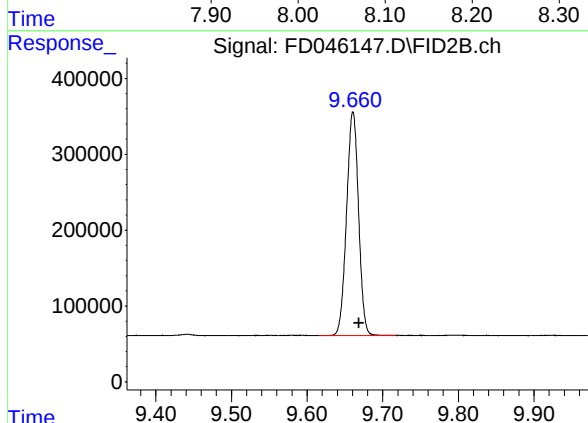
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



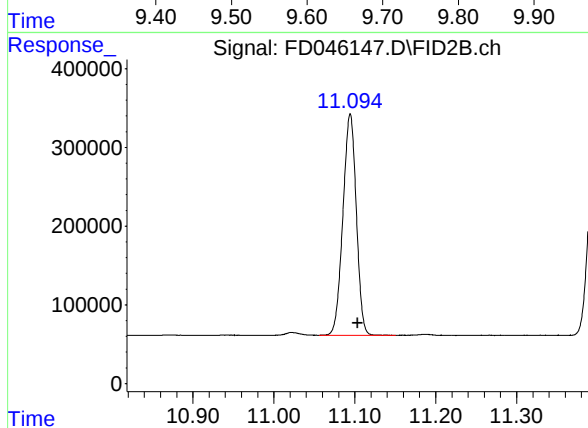
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: -0.007 min
Response: 3172335
Conc: 19.94 ug/ml



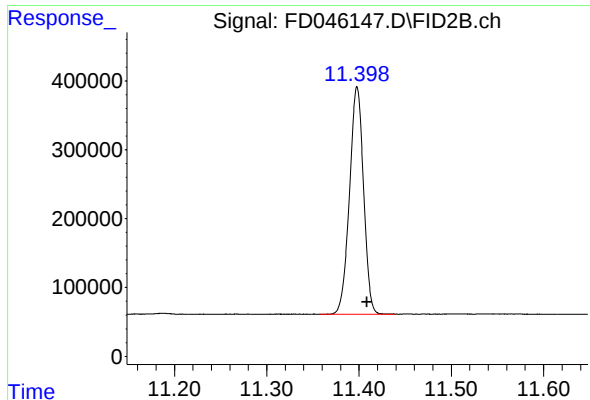
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: -0.008 min
Response: 3252268
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.094 min
Delta R.T.: -0.009 min
Response: 3232546
Conc: 20.04 ug/ml



#9 ortho-Terphenyl (SURR)

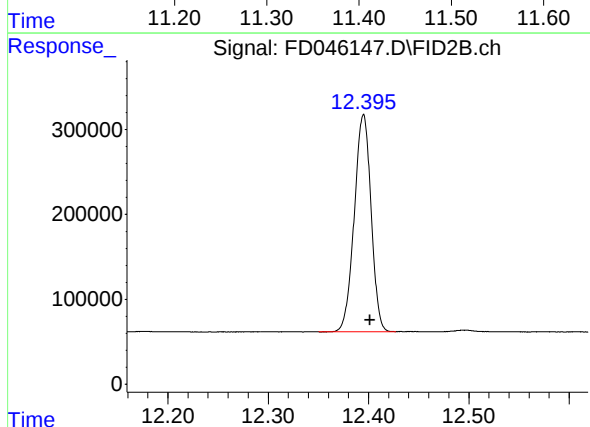
R.T.: 11.398 min
Delta R.T.: -0.011 min
Response: 3486560
Conc: 20.00 ug/ml

Instrument :

FID_D

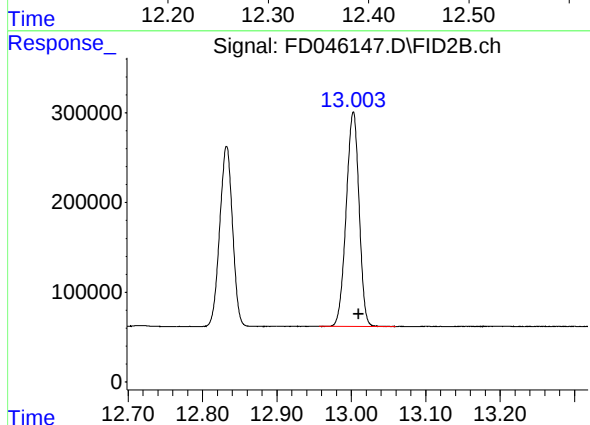
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



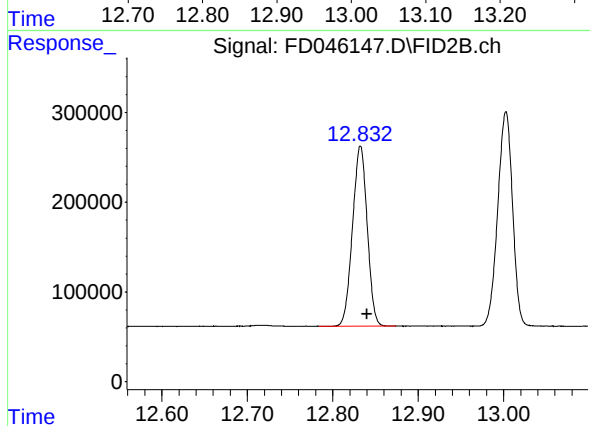
#10 n-Eicosane (C20)

R.T.: 12.395 min
Delta R.T.: -0.006 min
Response: 2978959
Conc: 19.96 ug/ml



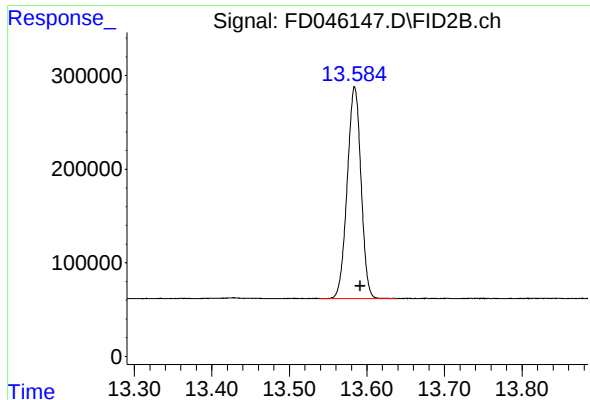
#11 n-Heneicosane (C21)

R.T.: 13.003 min
Delta R.T.: -0.007 min
Response: 2882437
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.833 min
Delta R.T.: -0.008 min
Response: 2401130
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

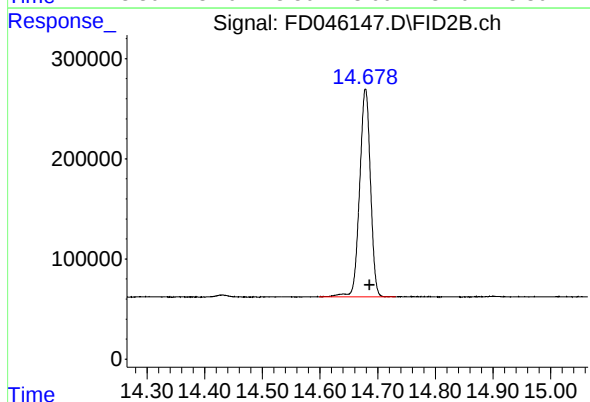
R.T.: 13.584 min
Delta R.T.: -0.007 min
Response: 2797503
Conc: 20.02 ug/ml

Instrument :

FID_D

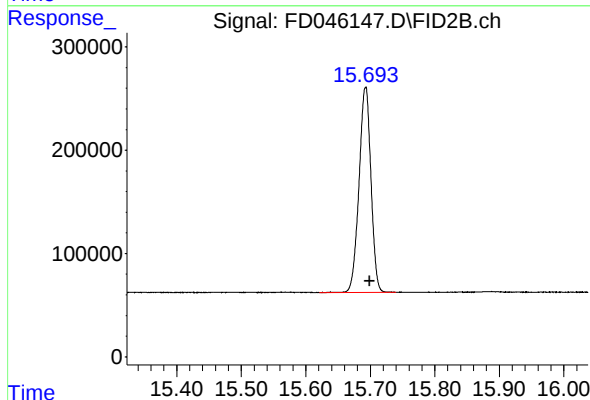
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



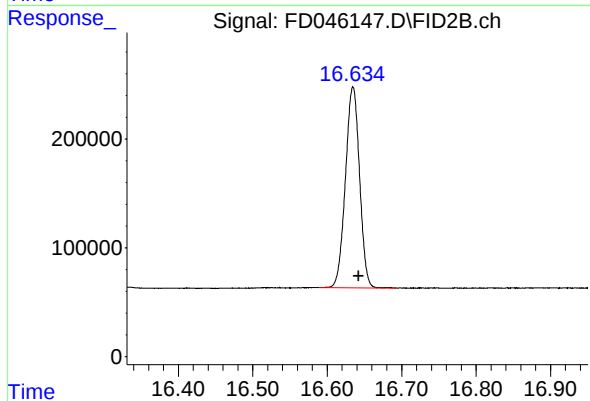
#14 n-Tetracosane (C24)

R.T.: 14.679 min
Delta R.T.: -0.007 min
Response: 2711851
Conc: 19.69 ug/ml



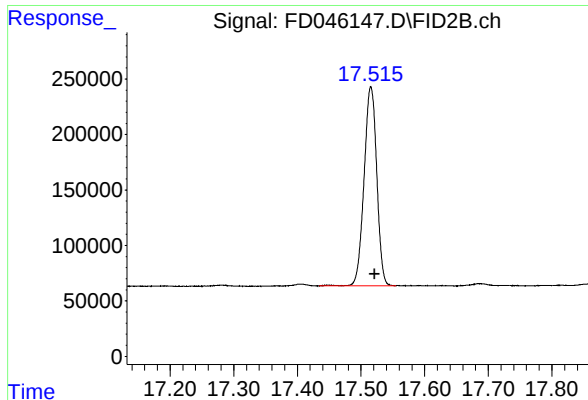
#15 n-Hexacosane (C26)

R.T.: 15.693 min
Delta R.T.: -0.006 min
Response: 2553175
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.635 min
Delta R.T.: -0.008 min
Response: 2438571
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

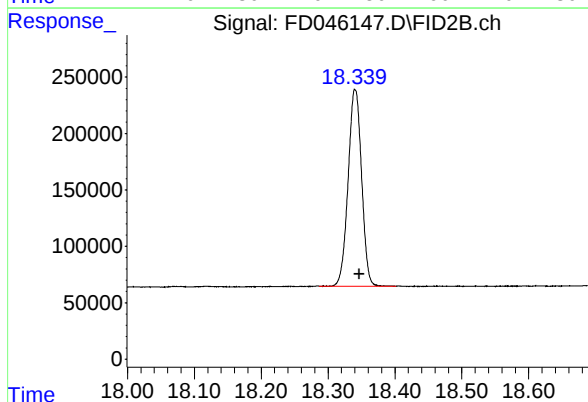
R.T.: 17.515 min
Delta R.T.: -0.006 min
Response: 2482815
Conc: 20.06 ug/ml

Instrument :

FID_D

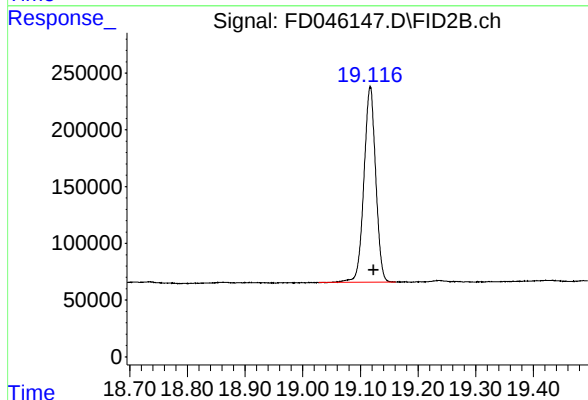
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



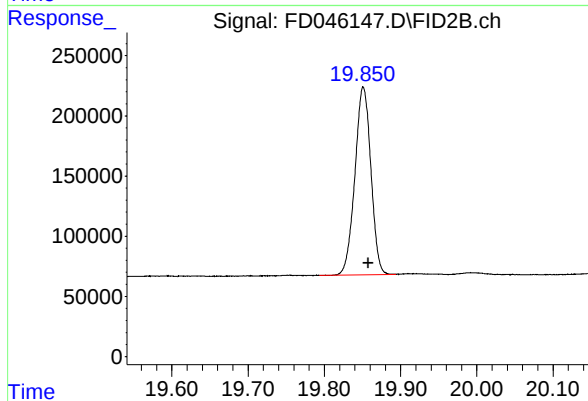
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: -0.006 min
Response: 2442646
Conc: 20.00 ug/ml



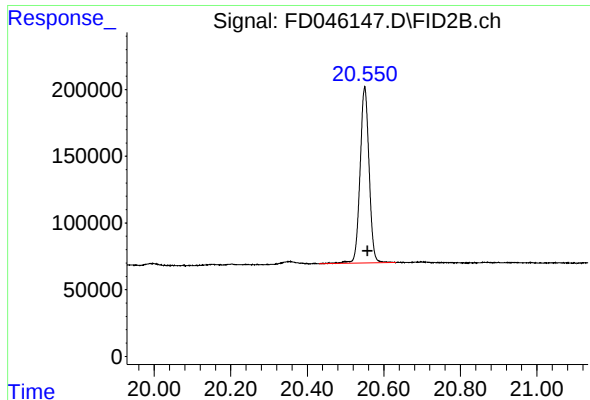
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.006 min
Response: 2439316
Conc: 19.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.851 min
Delta R.T.: -0.007 min
Response: 2268289
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

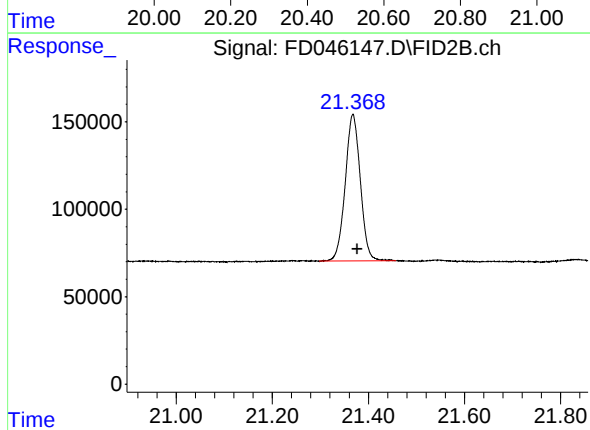
R.T.: 20.550 min
Delta R.T.: -0.008 min
Response: 2155235
Conc: 19.14 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.368 min
Delta R.T.: -0.009 min
Response: 1832553
Conc: 17.08 ug/ml