

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045561.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 22:36
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 03 01:06:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 01:03:28 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)	11.441	3438785	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
12) S 1-chlorooctadecane (S...	12.873	2301037	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T n-Nonane (C9)	3.258	2883803	20.408 ug/ml
2) T n-Decane (C10)	4.317	2935464	20.366 ug/ml
3) T A~Naphthalene (C11.7)	5.883	3203907	20.482 ug/ml
4) T n-Dodecane (C12)	6.322	2953535	20.391 ug/ml
5) T A~2-methylnaphthalene...	6.932	3028383	20.362 ug/ml
6) T n-Tetradecane (C14)	8.107	2931019	20.405 ug/ml
7) T n-Hexadecane (C16)	9.699	3009522	20.437 ug/ml
8) T n-Octadecane (C18)	11.133	3039060	20.336 ug/ml
10) T n-Eicosane (C20)	12.434	2872096	20.337 ug/ml
11) T n-Heneicosane (C21)	13.042	2805948	20.292 ug/ml
13) T n-Docosane (C22)	13.624	2769610	20.331 ug/ml
14) T n-Tetracosane (C24)	14.720	2697599	20.259 ug/ml
15) T n-Hexacosane (C26)	15.733	2579707	20.182 ug/ml
16) T n-Octacosane (C28)	16.676	2461944	20.058 ug/ml
17) T n-Tricontane (C30)	17.557	2427965	19.960 ug/ml
18) T n-Dotriacontane (C32)	18.384	2346437	19.811 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2266591	19.752 ug/ml
20) T n-Hexatriacontane (C36)	19.895	2130069	19.597 ug/ml
21) T n-Octatriacontane (C38)	20.598	1983693	19.259 ug/ml
22) T n-Tetracontane (C40)	21.432	1744253	18.430 ug/ml

(f)=RT Delta > 1/2 Window

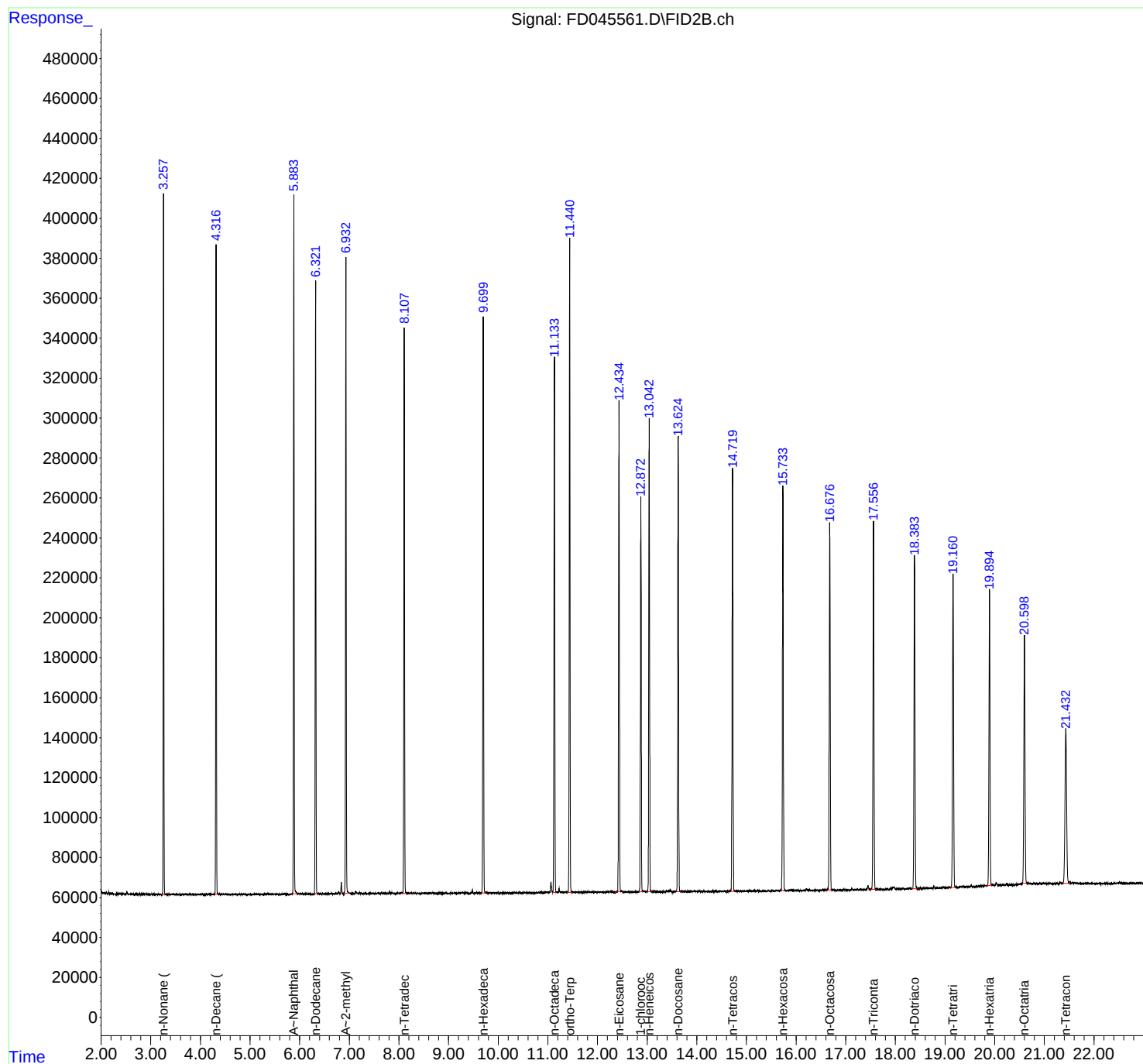
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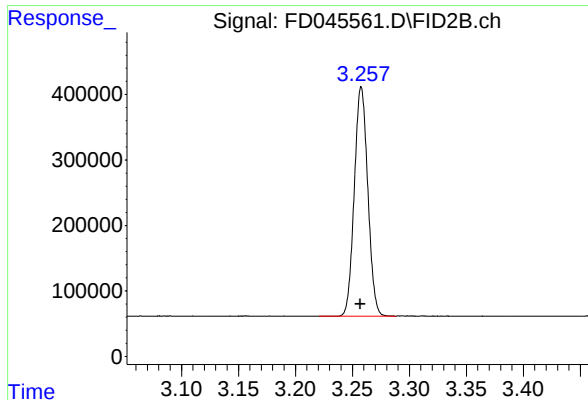
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#1 n-Nonane (C9)

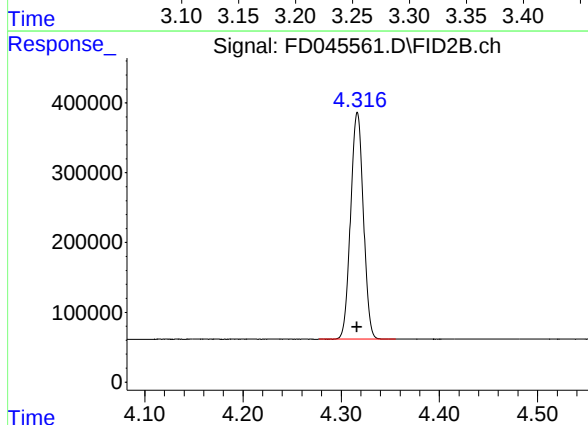
R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 2883803
Conc: 20.41 ug/ml

Instrument :

FID_D

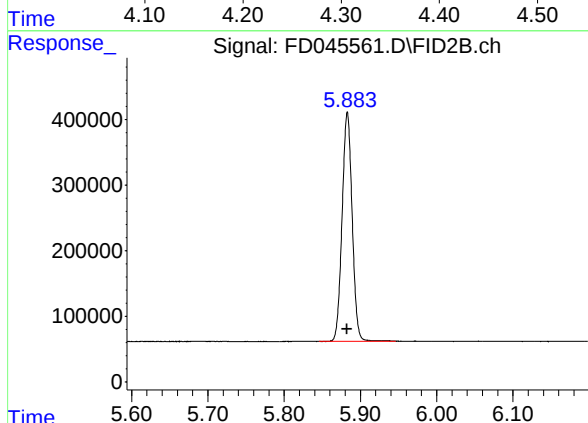
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



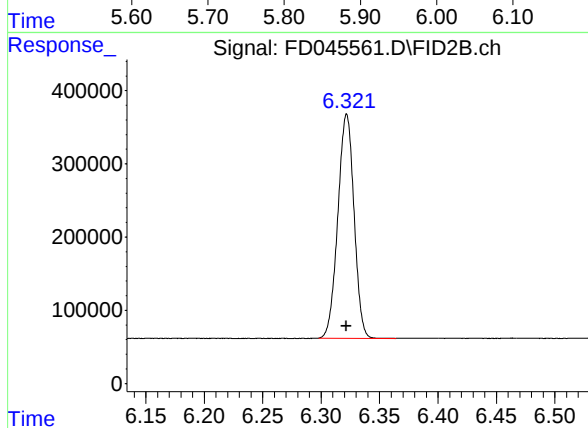
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 2935464
Conc: 20.37 ug/ml



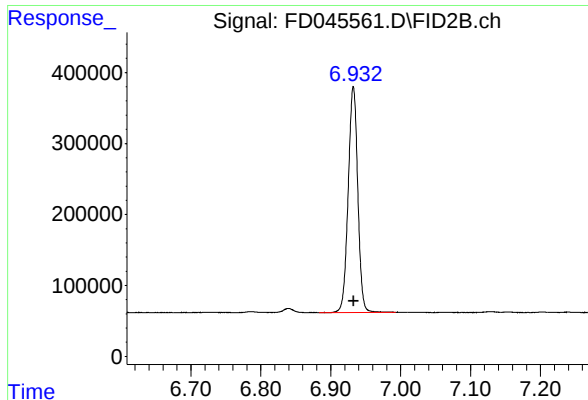
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 3203907
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

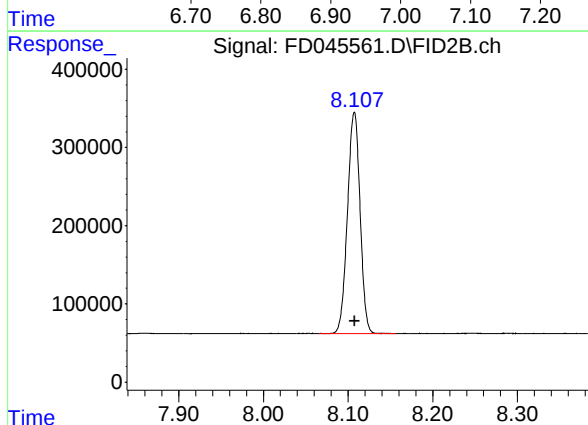
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 2953535
Conc: 20.39 ug/ml



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

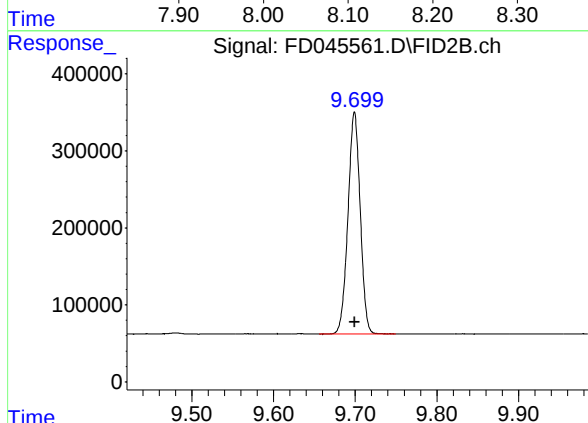
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 3028383
Conc: 20.36 ug/ml

Instrument :
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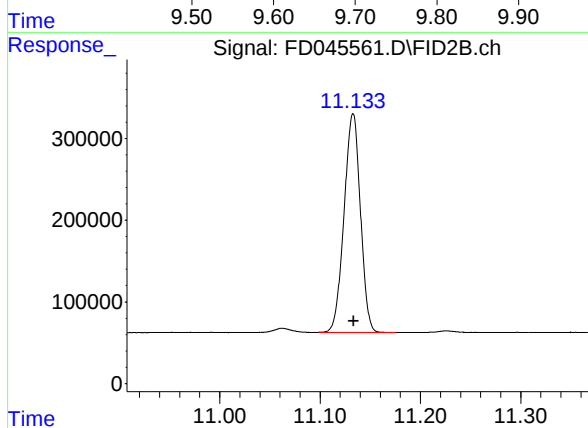
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 2931019
Conc: 20.40 ug/ml



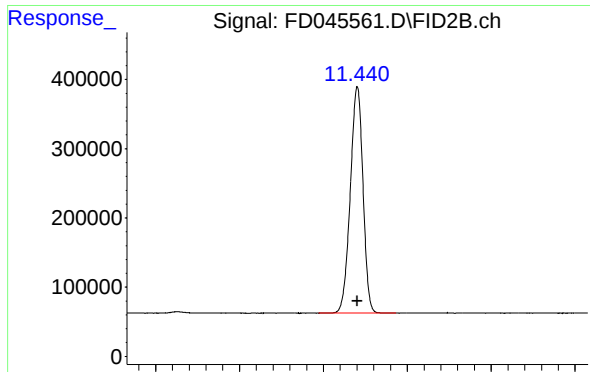
#7 n-Hexadecane (C16)

R.T.: 9.699 min
Delta R.T.: 0.000 min
Response: 3009522
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.133 min
Delta R.T.: 0.000 min
Response: 3039060
Conc: 20.34 ug/ml



#9 ortho-Terphenyl (SURR)

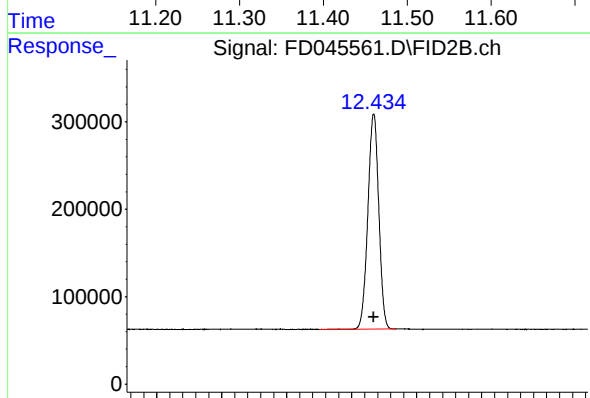
R.T.: 11.441 min
Delta R.T.: 0.000 min
Response: 3438785
Conc: 20.31 ug/ml

Instrument :

FID_D

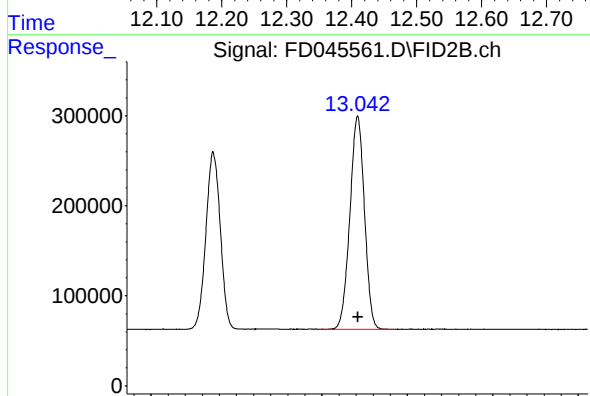
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



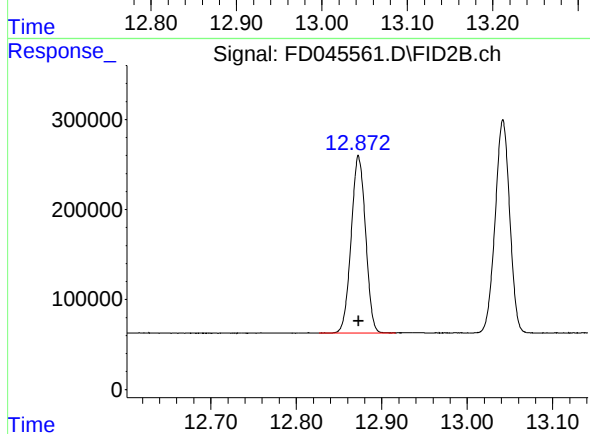
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 2872096
Conc: 20.34 ug/ml



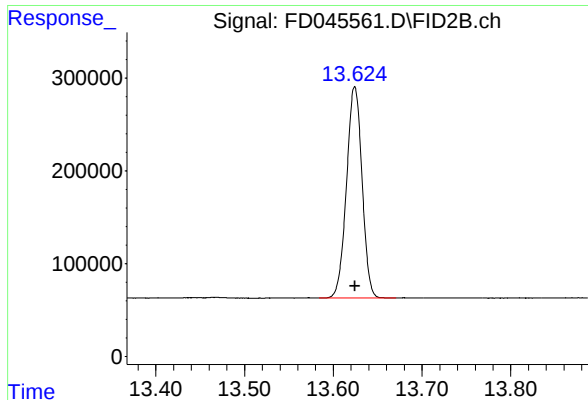
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 2805948
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 2301037
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

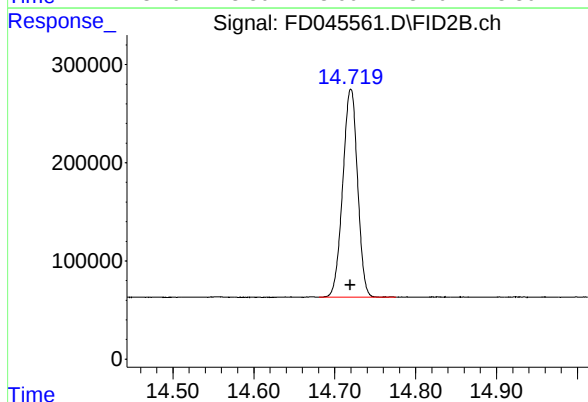
R.T.: 13.624 min
Delta R.T.: 0.000 min
Response: 2769610
Conc: 20.33 ug/ml

Instrument :

FID_D

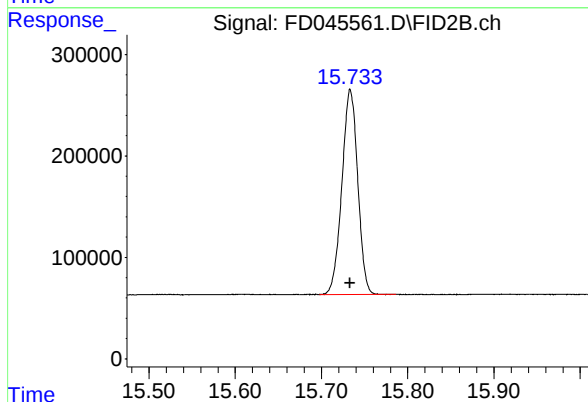
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



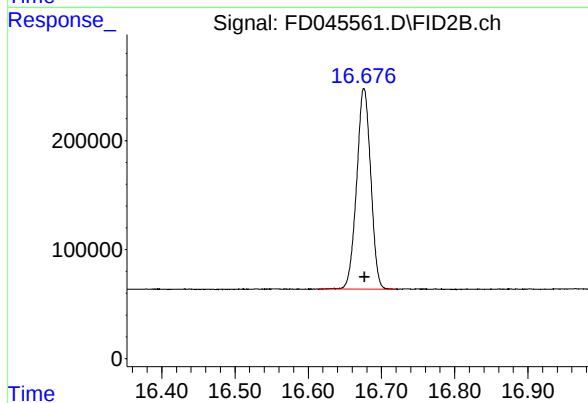
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2697599
Conc: 20.26 ug/ml



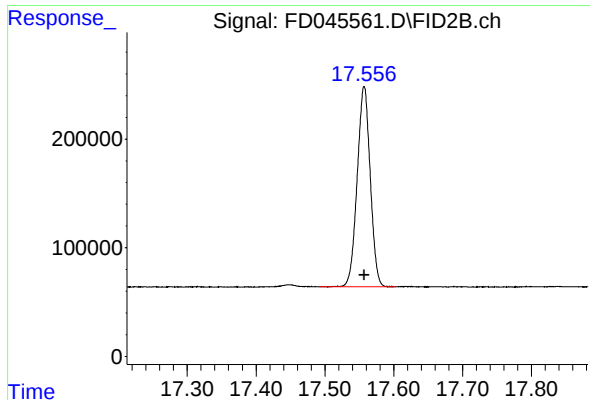
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: 0.000 min
Response: 2579707
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.676 min
Delta R.T.: 0.000 min
Response: 2461944
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

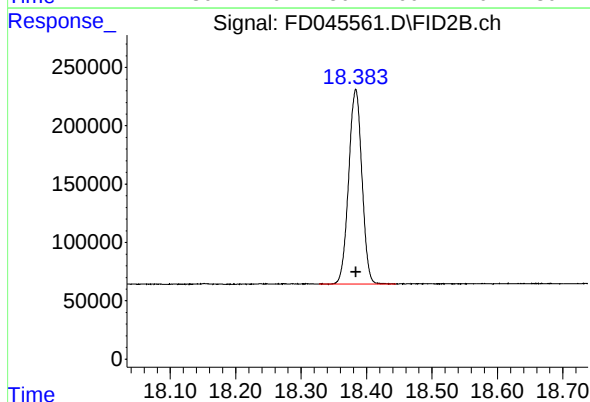
R.T.: 17.557 min
Delta R.T.: 0.000 min
Response: 2427965
Conc: 19.96 ug/ml

Instrument :

FID_D

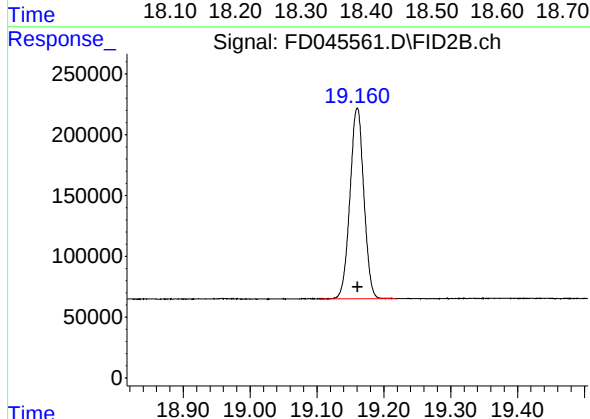
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



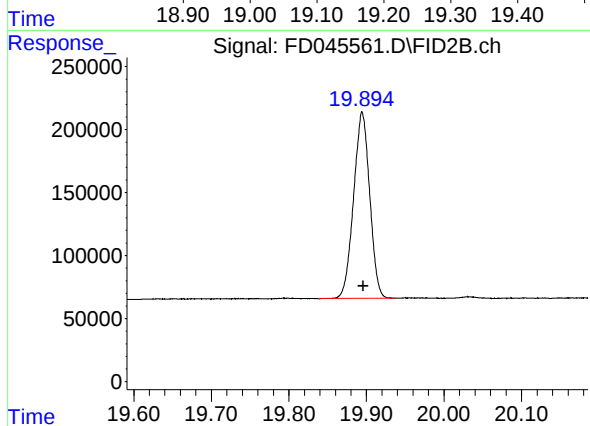
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.000 min
Response: 2346437
Conc: 19.81 ug/ml



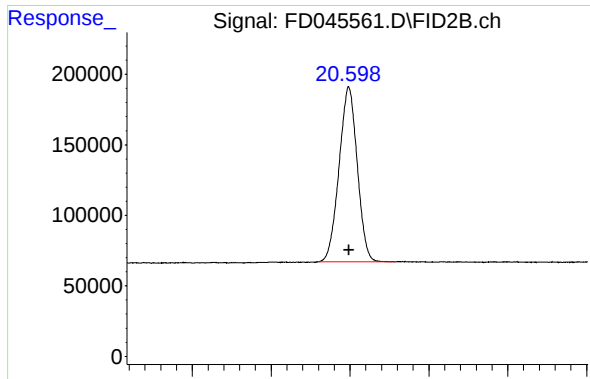
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: 0.000 min
Response: 2266591
Conc: 19.75 ug/ml



#20 n-Hexatriacontane (C36)

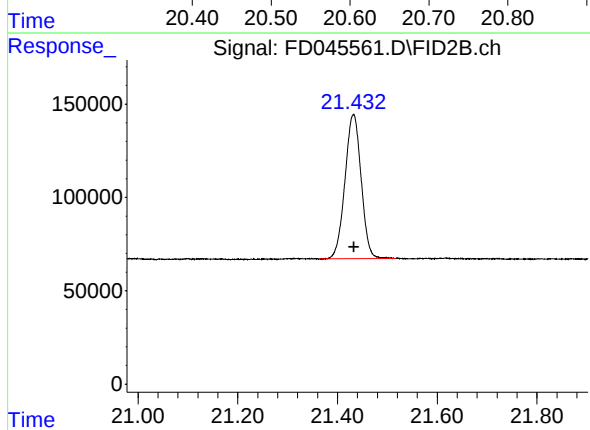
R.T.: 19.895 min
Delta R.T.: -0.001 min
Response: 2130069
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: 0.000 min
Response: 1983693
Conc: 19.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.432 min
Delta R.T.: 0.000 min
Response: 1744253
Conc: 18.43 ug/ml