

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048960.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 17:53
 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: Jan 25 05:58:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 2025
 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)	11.240	3617096	18.732 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	12.682	2744267	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T n-Nonane (C9)	3.107	3024644	18.913 ug/ml
2) T n-Decane (C10)	4.151	3075772	18.863 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3273838	19.157 ug/ml
4) T n-Dodecane (C12)	6.143	3120092	18.839 ug/ml
5) T A~2-methylnaphthalene...	6.744	3110615	19.297 ug/ml
6) T n-Tetradecane (C14)	7.923	3101427	18.760 ug/ml
7) T n-Hexadecane (C16)	9.512	3232715	18.749 ug/ml
8) T n-Octadecane (C18)	10.943	3303846	18.737 ug/ml
10) T n-Eicosane (C20)	12.244	3207234	18.635 ug/ml
11) T n-Heneicosane (C21)	12.852	3175256	18.647 ug/ml
13) T n-Docosane (C22)	13.436	3161587	18.592 ug/ml
14) T n-Tetracosane (C24)	14.532	3146448	18.469 ug/ml
15) T n-Hexacosane (C26)	15.547	3080079	18.389 ug/ml
16) T n-Octacosane (C28)	16.491	2984549	17.941 ug/ml
17) T n-Tricontane (C30)	17.373	2951630	17.195 ug/ml
18) T n-Dotriacontane (C32)	18.202	2777498	16.990 ug/ml
19) T n-Tetratriacontane (C34)	18.980	2392354	17.172 ug/ml
20) T n-Hexatriacontane (C36)	19.717	2030247	17.656 ug/ml
21) T n-Octatriacontane (C38)	20.412	1876840	18.113 ug/ml
22) T n-Tetracontane (C40)	21.188	1721720	17.965 ug/ml

(f)=RT Delta > 1/2 Window

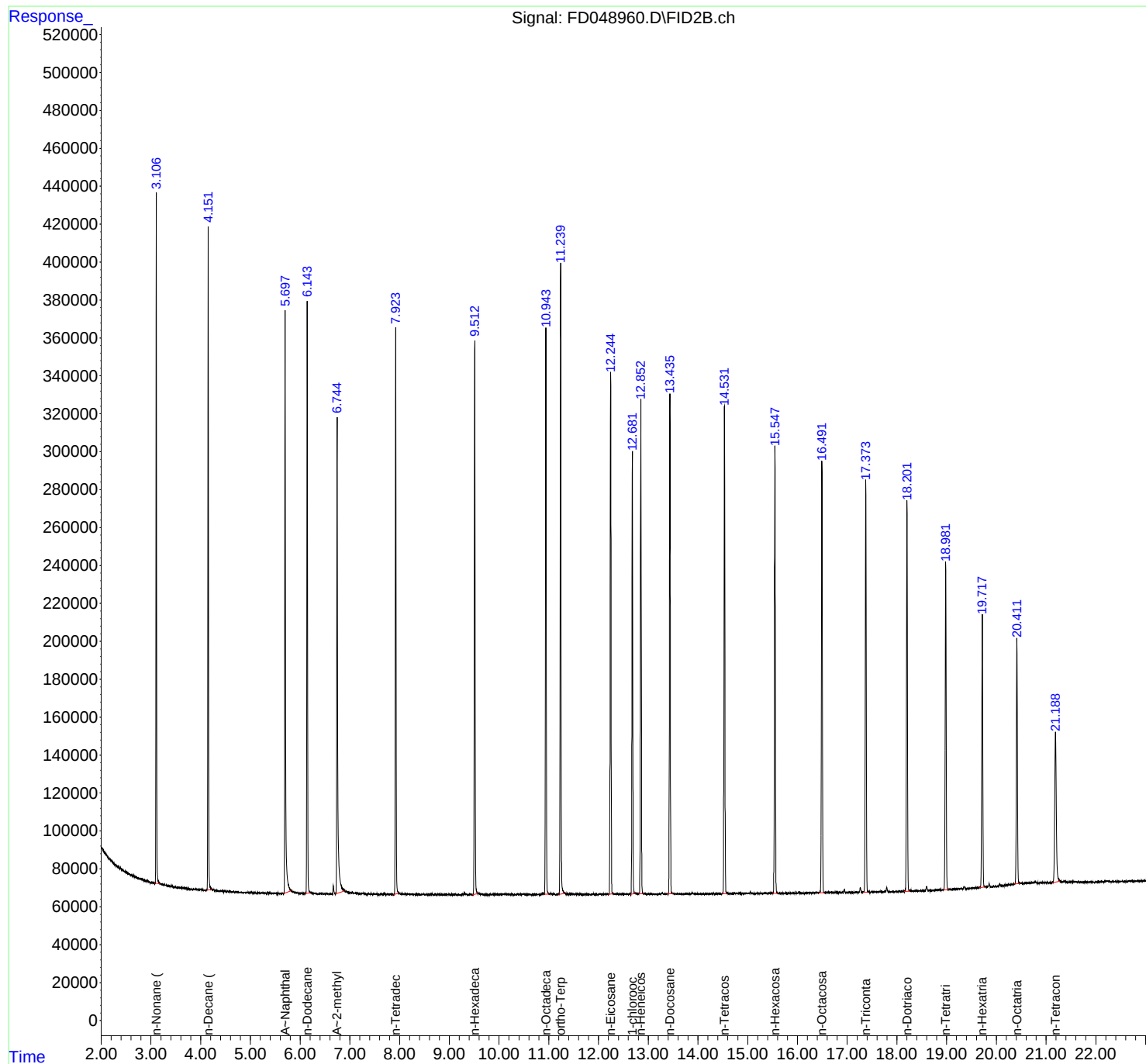
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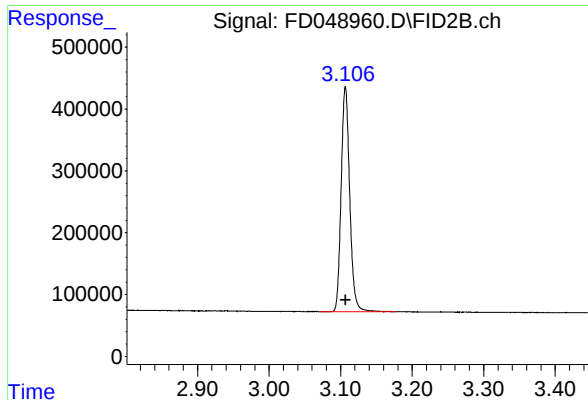
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#1 n-Nonane (C9)

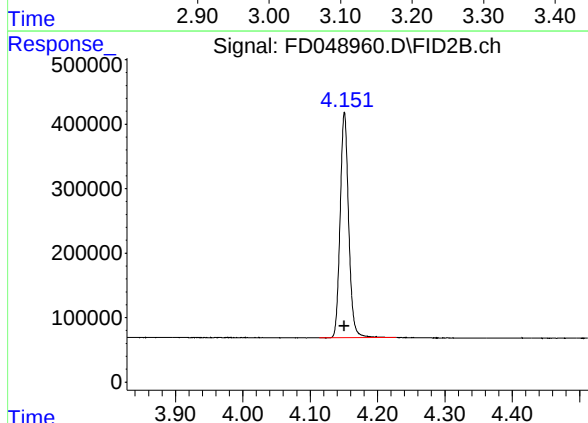
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 3024644
Conc: 18.91 ug/ml

Instrument :

FID_D

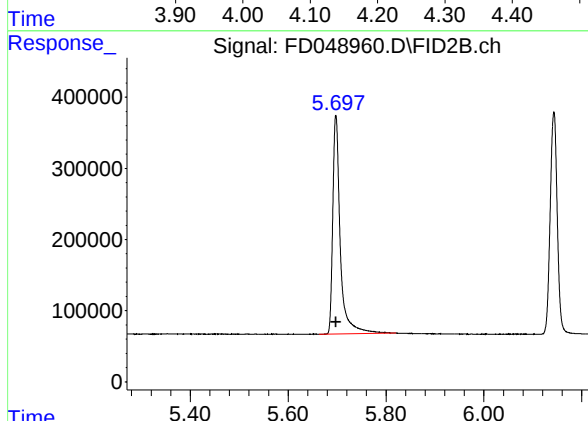
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



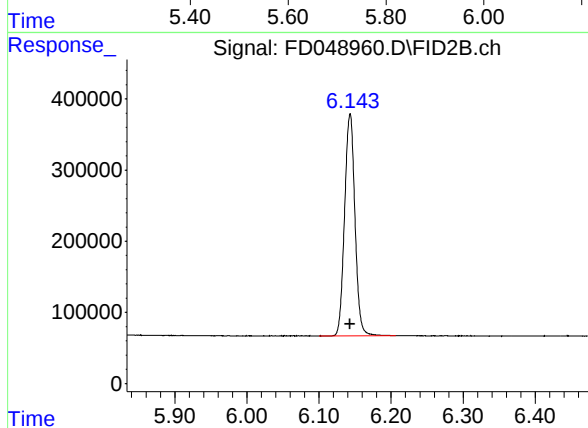
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3075772
Conc: 18.86 ug/ml



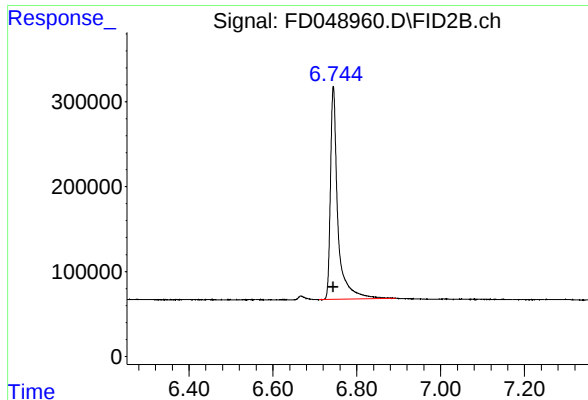
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3273838
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3120092
Conc: 18.84 ug/ml



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

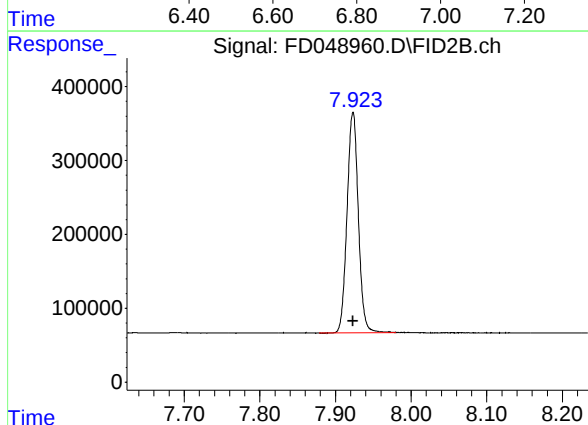
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3110615
Conc: 19.30 ug/ml

Instrument :

FID_D

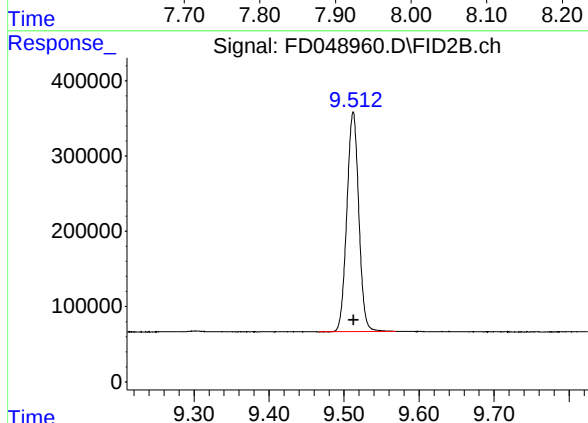
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



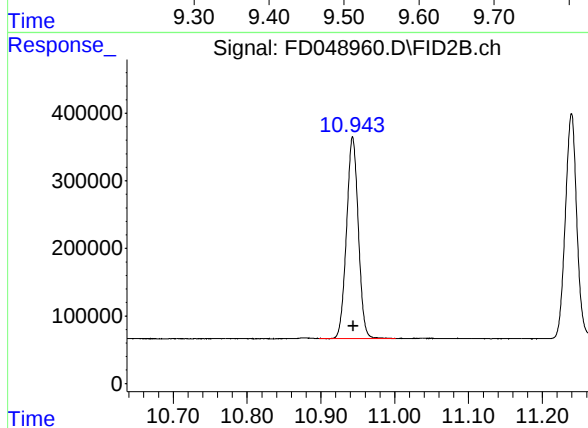
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 3101427
Conc: 18.76 ug/ml



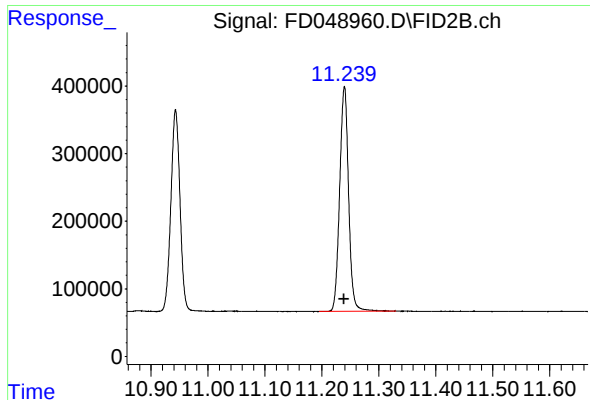
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 3232715
Conc: 18.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.943 min
Delta R.T.: -0.001 min
Response: 3303846
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

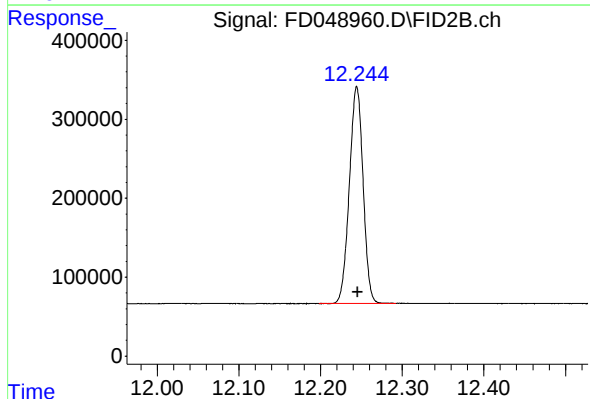
R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 3617096
Conc: 18.73 ug/ml

Instrument :

FID_D

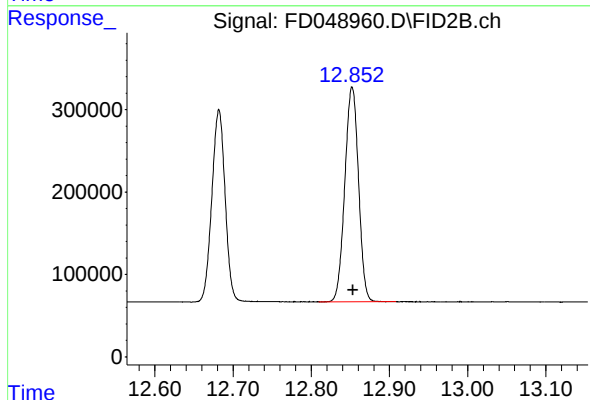
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



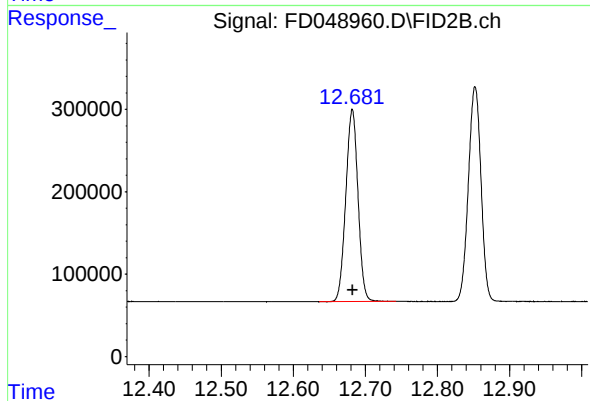
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: 0.000 min
Response: 3207234
Conc: 18.64 ug/ml



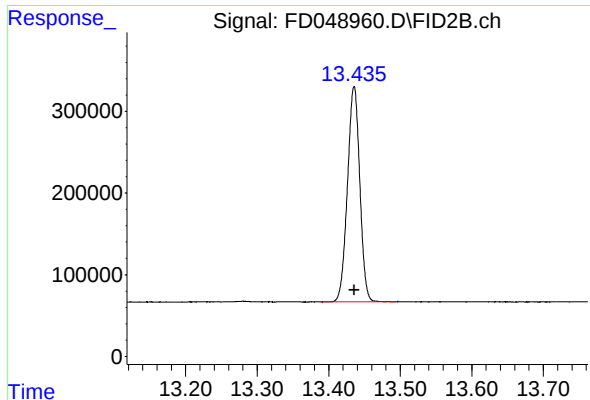
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 3175256
Conc: 18.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 2744267
Conc: 18.70 ug/ml



#13 n-Docosane (C22)

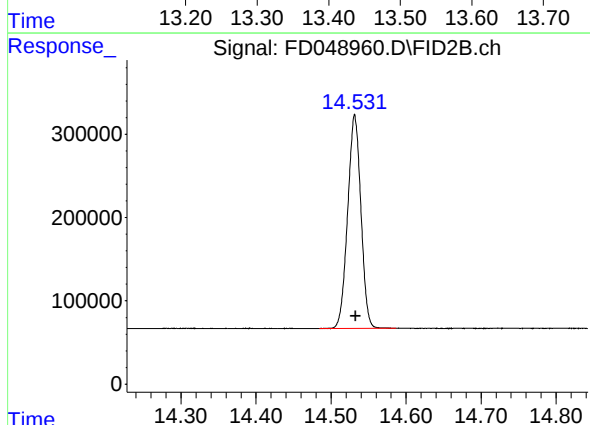
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 3161587
Conc: 18.59 ug/ml

Instrument :

FID_D

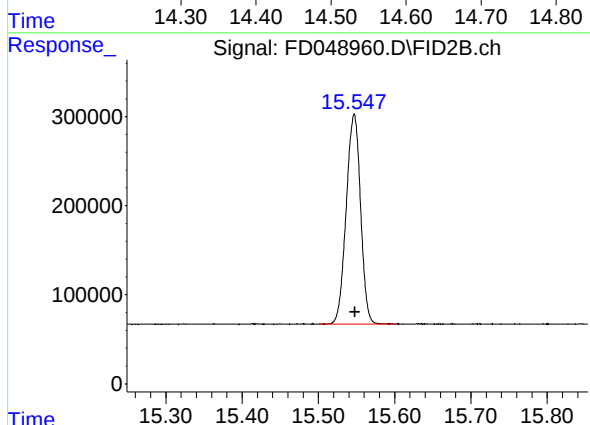
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



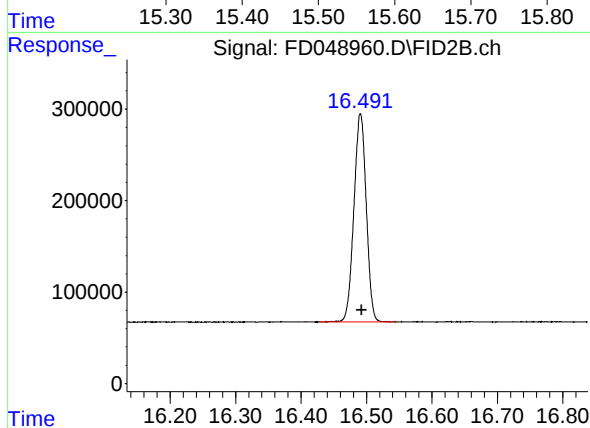
#14 n-Tetracosane (C24)

R.T.: 14.532 min
Delta R.T.: -0.001 min
Response: 3146448
Conc: 18.47 ug/ml



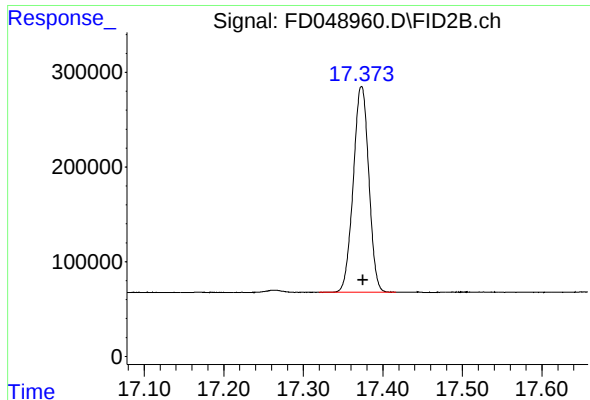
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: 0.000 min
Response: 3080079
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.491 min
Delta R.T.: -0.002 min
Response: 2984549
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

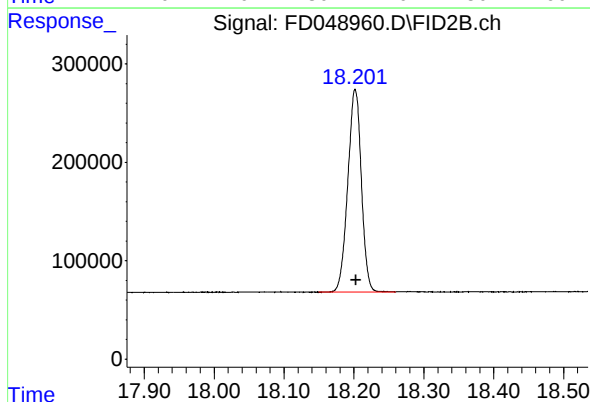
R.T.: 17.373 min
Delta R.T.: -0.002 min
Response: 2951630
Conc: 17.20 ug/ml

Instrument :

FID_D

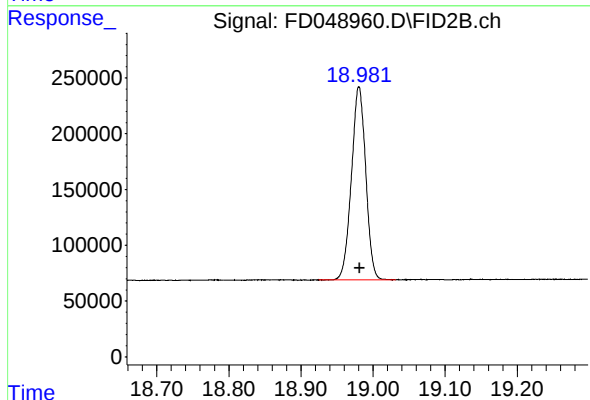
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



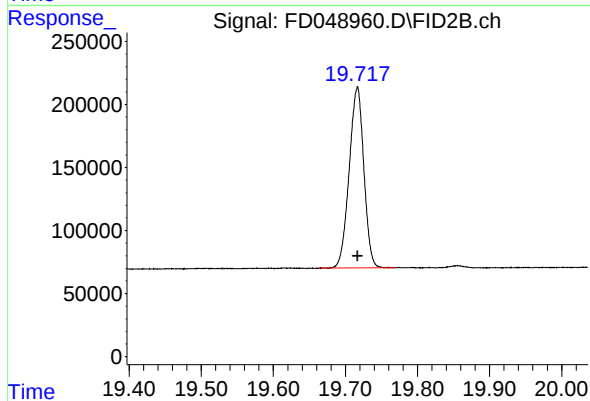
#18 n-Dotriacontane (C32)

R.T.: 18.202 min
Delta R.T.: -0.001 min
Response: 2777498
Conc: 16.99 ug/ml



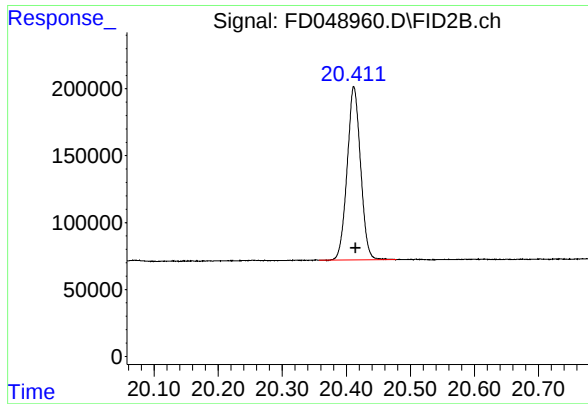
#19 n-Tetatriacontane (C34)

R.T.: 18.980 min
Delta R.T.: -0.001 min
Response: 2392354
Conc: 17.17 ug/ml



#20 n-Hexatriacontane (C36)

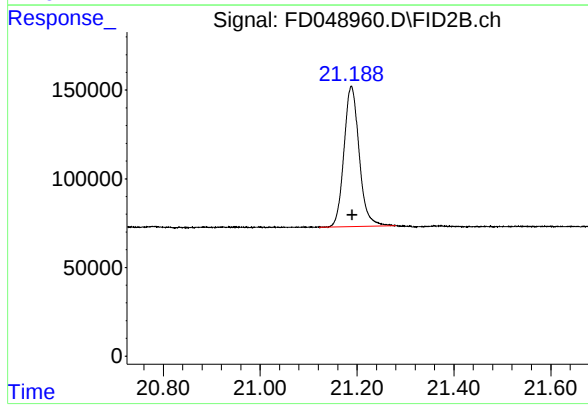
R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 2030247
Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 1876840
Conc: 18.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.002 min
Response: 1721720
Conc: 17.96 ug/ml