

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048449.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 10 15:32:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 2024
 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)	11.264	4163061	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	12.706	3147708	21.041 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
Target Compounds			
1) T n-Nonane (C9)	3.125	3502981	20.857 ug/ml
2) T n-Decane (C10)	4.171	3610651	20.805 ug/ml
3) T A~Naphthalene (C11.7)	5.719	3916534	20.730 ug/ml
4) T n-Dodecane (C12)	6.165	3655197	20.877 ug/ml
5) T A~2-methylnaphthalene...	6.765	3796601	21.090 ug/ml
6) T n-Tetradecane (C14)	7.946	3633421	20.824 ug/ml
7) T n-Hexadecane (C16)	9.536	3773447	20.938 ug/ml
8) T n-Octadecane (C18)	10.967	3814777	21.014 ug/ml
10) T n-Eicosane (C20)	12.268	3667810	21.029 ug/ml
11) T n-Heneicosane (C21)	12.877	3608111	21.089 ug/ml
13) T n-Docosane (C22)	13.459	3588280	21.011 ug/ml
14) T n-Tetracosane (C24)	14.556	3560573	21.021 ug/ml
15) T n-Hexacosane (C26)	15.570	3466135	20.940 ug/ml
16) T n-Octacosane (C28)	16.515	3438924	20.888 ug/ml
17) T n-Tricontane (C30)	17.397	3608181	21.046 ug/ml
18) T n-Dotriacontane (C32)	18.225	3527265	21.082 ug/ml
19) T n-Tetratriacontane (C34)	19.004	3114926	21.590 ug/ml
20) T n-Hexatriacontane (C36)	19.739	2641506	22.001 ug/ml
21) T n-Octatriacontane (C38)	20.435	2553804	22.806 ug/ml
22) T n-Tetracontane (C40)	21.218	2471169	24.685 ug/ml

(f)=RT Delta > 1/2 Window

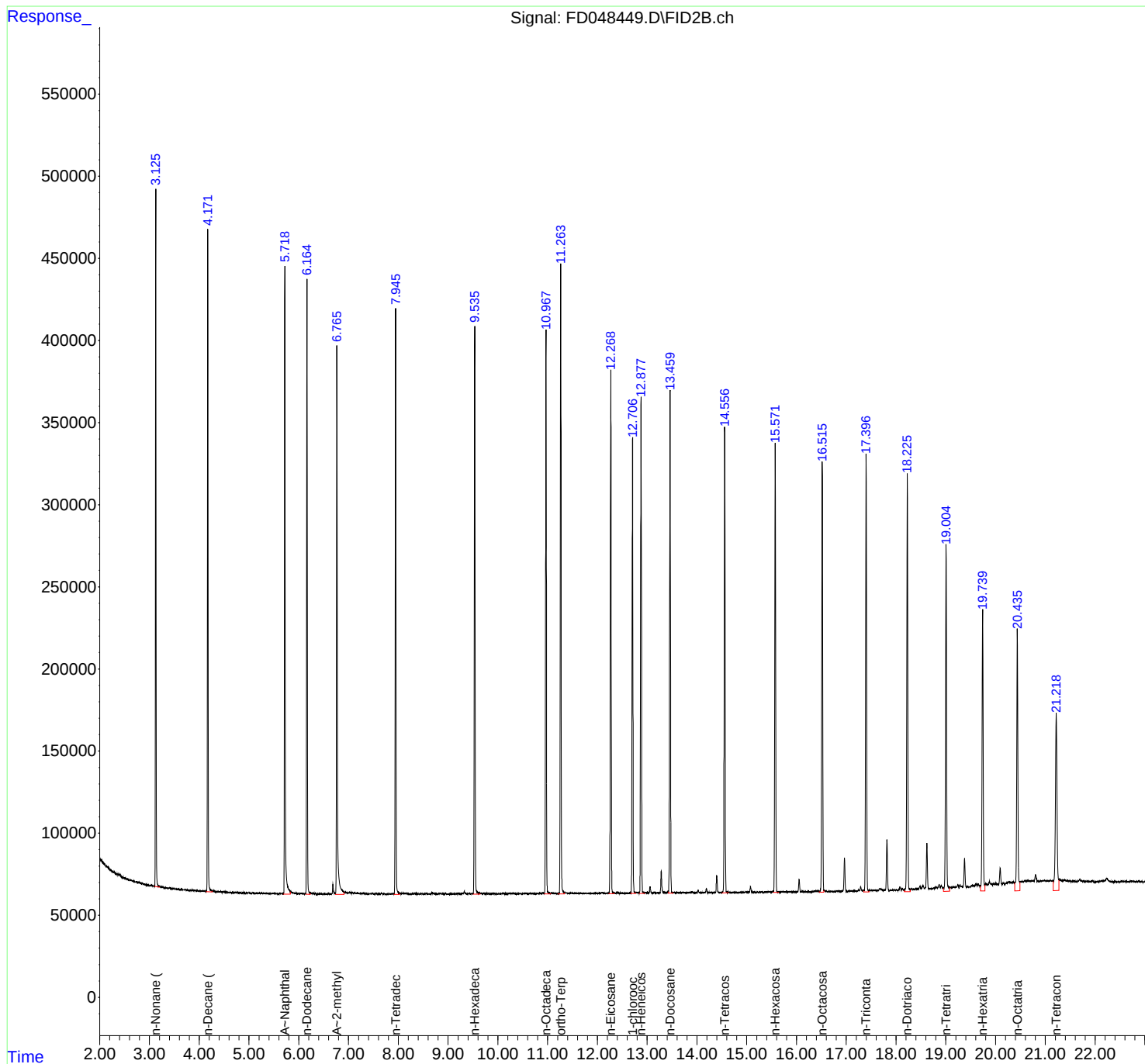
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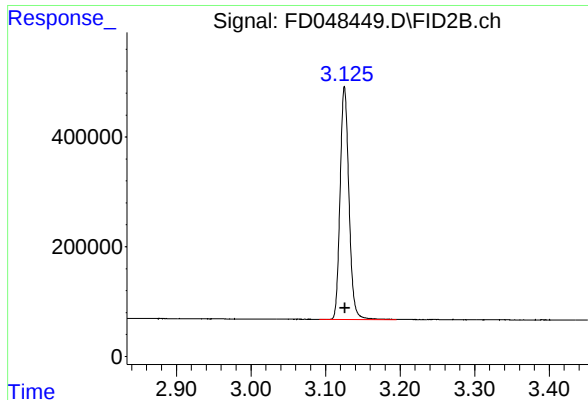
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#1 n-Nonane (C9)

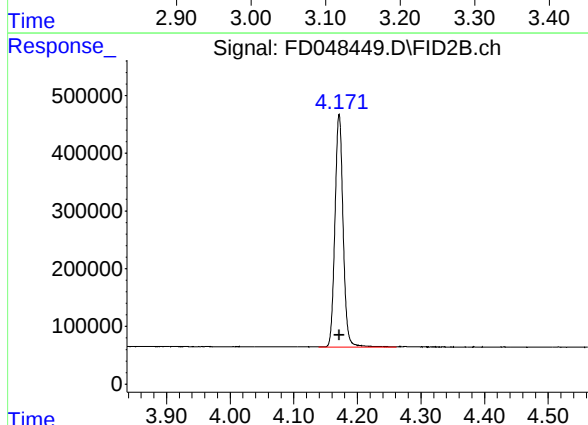
R.T.: 3.125 min
Delta R.T.: 0.000 min
Response: 3502981
Conc: 20.86 ug/ml

Instrument :

FID_D

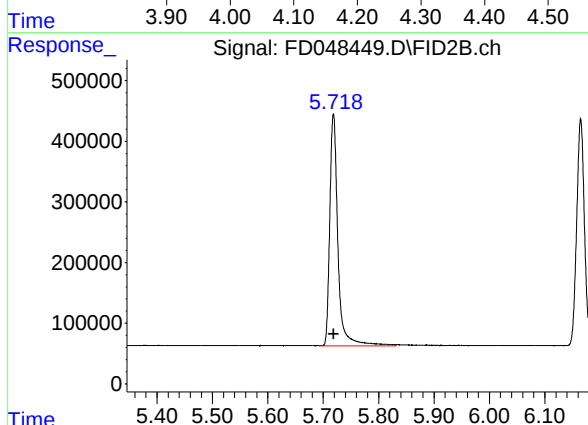
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



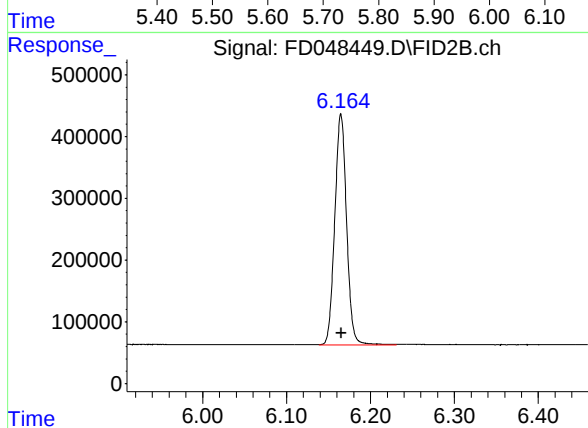
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 3610651
Conc: 20.81 ug/ml



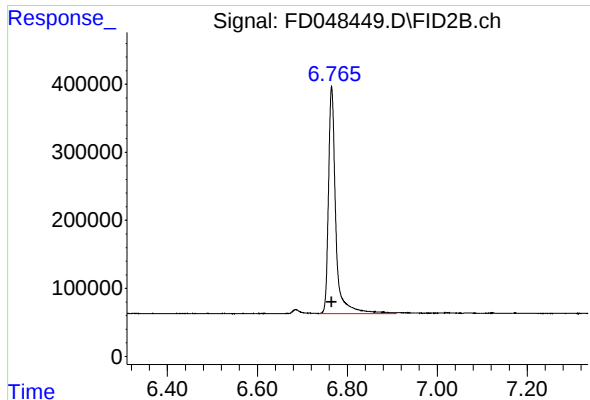
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3916534
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 3655197
Conc: 20.88 ug/ml



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

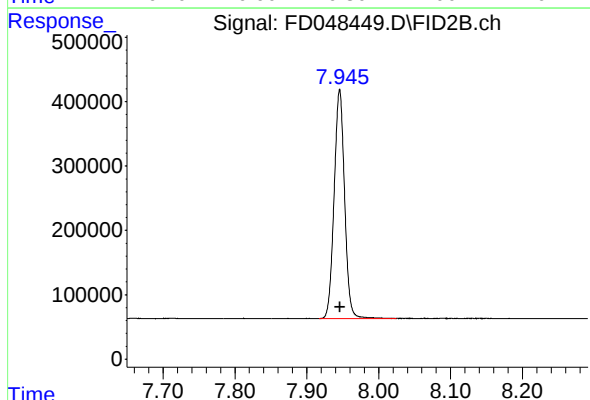
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3796601
Conc: 21.09 ug/ml

Instrument :

FID_D

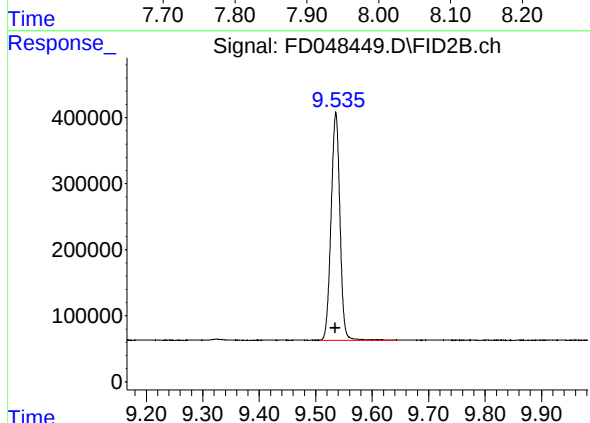
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



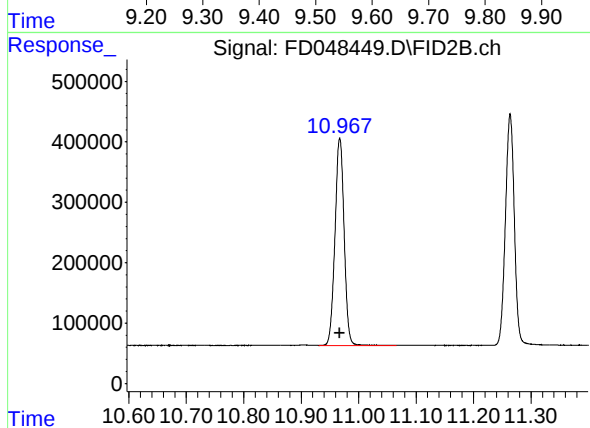
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 3633421
Conc: 20.82 ug/ml



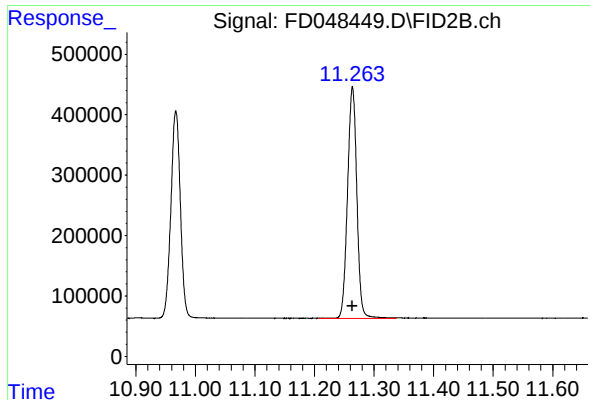
#7 n-Hexadecane (C16)

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 3773447
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.967 min
Delta R.T.: 0.000 min
Response: 3814777
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

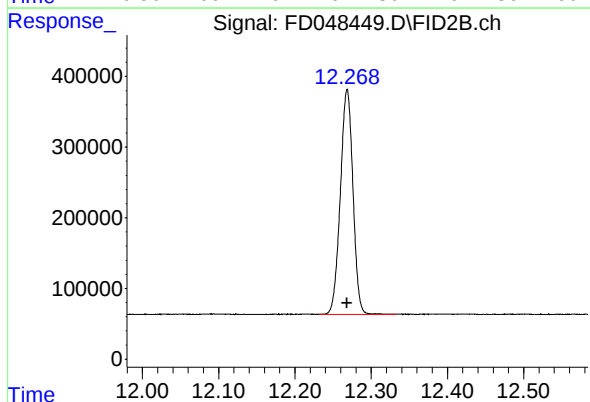
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 4163061
Conc: 20.98 ug/ml

Instrument :

FID_D

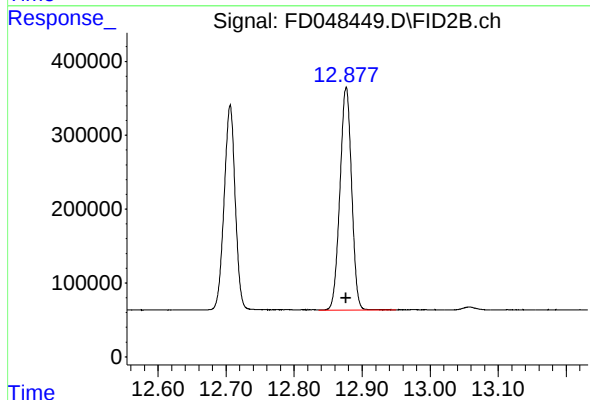
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



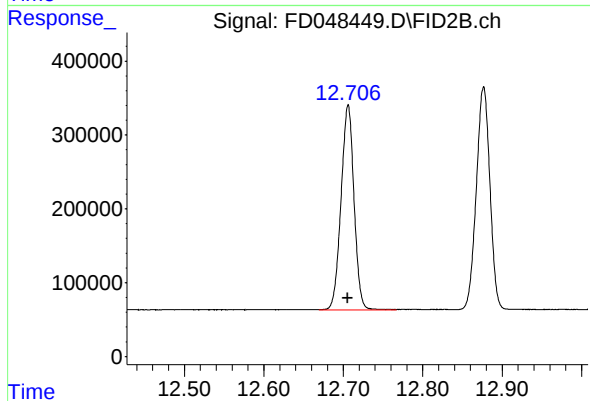
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.000 min
Response: 3667810
Conc: 21.03 ug/ml



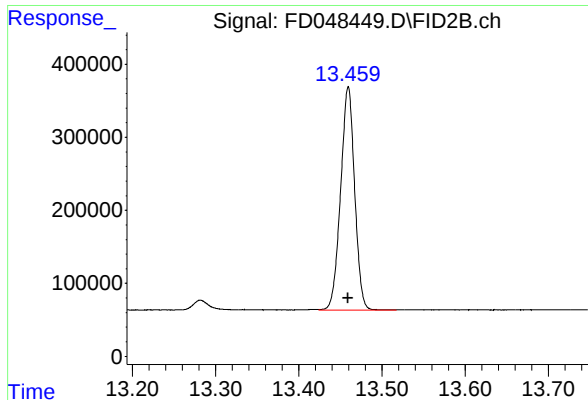
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: 0.000 min
Response: 3608111
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

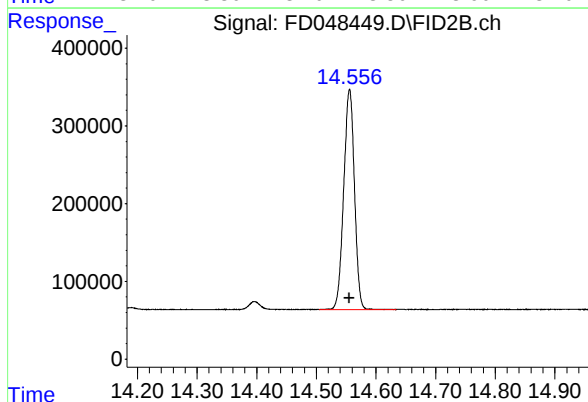
R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3147708
Conc: 21.04 ug/ml



#13 n-Docosane (C22)

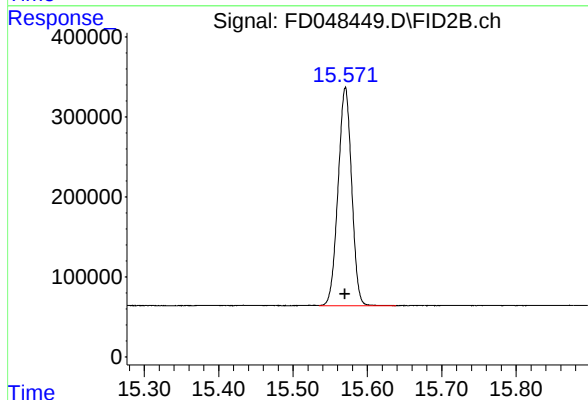
R.T.: 13.459 min
Delta R.T.: 0.000 min
Response: 3588280
Conc: 21.01 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD ICV



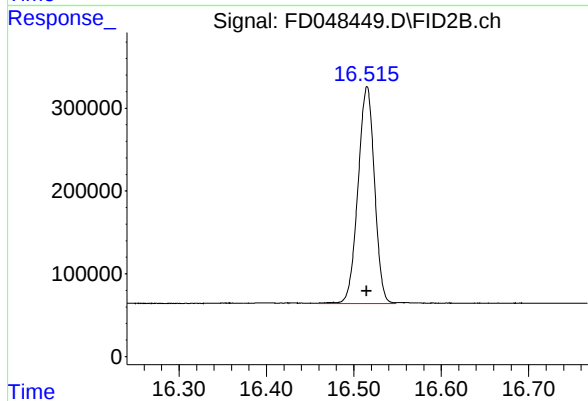
#14 n-Tetracosane (C24)

R.T.: 14.556 min
Delta R.T.: 0.000 min
Response: 3560573
Conc: 21.02 ug/ml



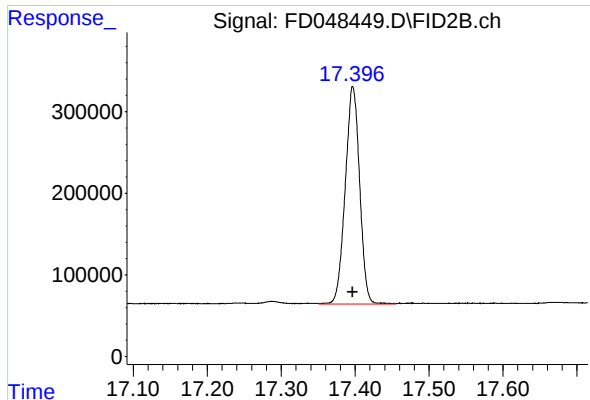
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3466135
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.515 min
Delta R.T.: 0.000 min
Response: 3438924
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

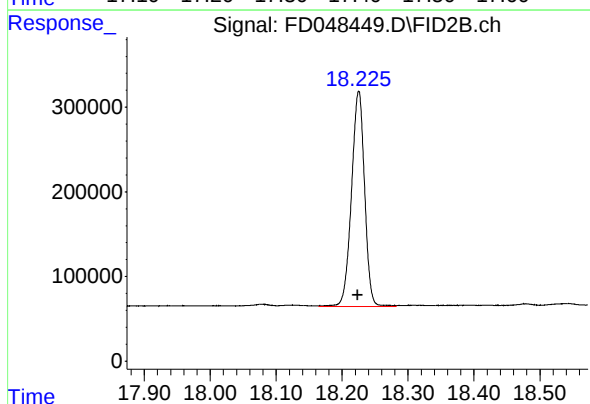
R.T.: 17.397 min
Delta R.T.: 0.000 min
Response: 3608181
Conc: 21.05 ug/ml

Instrument :

FID_D

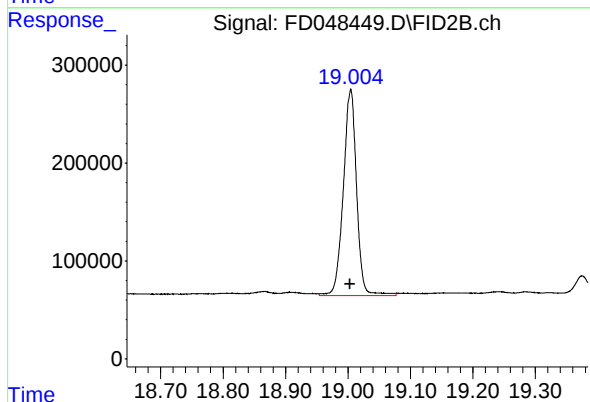
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



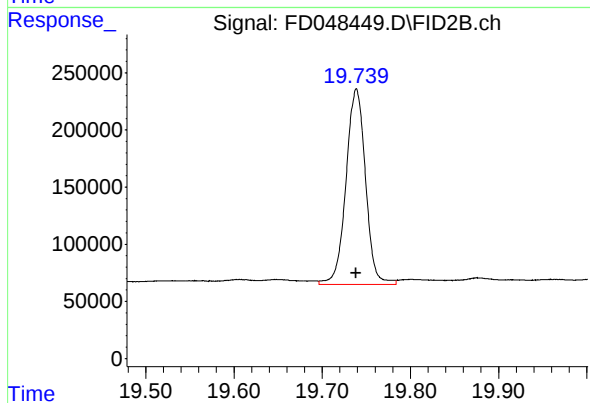
#18 n-Dotriacontane (C32)

R.T.: 18.225 min
Delta R.T.: 0.002 min
Response: 3527265
Conc: 21.08 ug/ml



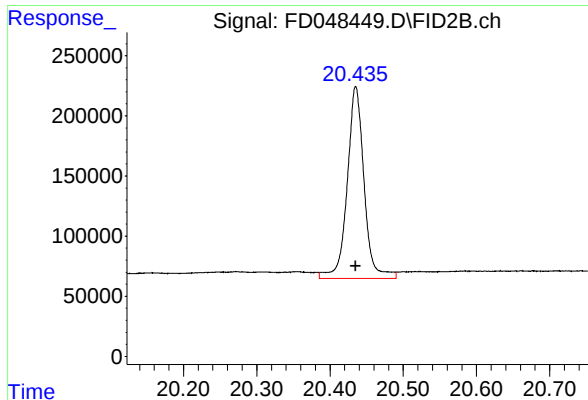
#19 n-Tetatriacontane (C34)

R.T.: 19.004 min
Delta R.T.: 0.001 min
Response: 3114926
Conc: 21.59 ug/ml



#20 n-Hexatriacontane (C36)

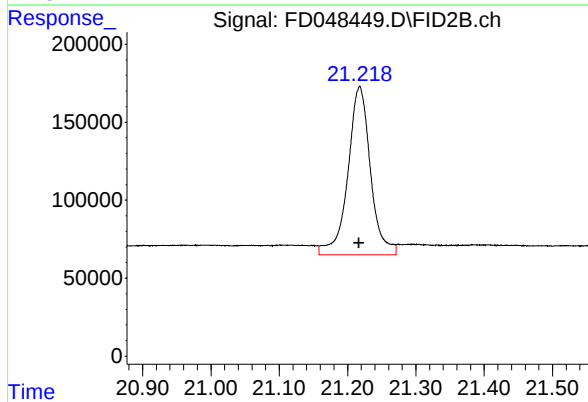
R.T.: 19.739 min
Delta R.T.: 0.000 min
Response: 2641506
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 2553804
Conc: 22.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.001 min
Response: 2471169
Conc: 24.68 ug/ml