

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048444.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 11:49
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 10 13:49:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 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)	11.274	18297968	89.025 ug/ml
Spiked Amount 50.000		Recovery =	178.05%
12) S 1-chlorooctadecane (S...	12.714	13855161	88.773 ug/ml
Spiked Amount 50.000		Recovery =	177.55%
Target Compounds			
1) T n-Nonane (C9)	3.129	15617581	90.221 ug/ml
2) T n-Decane (C10)	4.176	16019940	89.461 ug/ml
3) T A~Naphthalene (C11.7)	5.724	17703076	90.568 ug/ml
4) T n-Dodecane (C12)	6.171	16260473	89.710 ug/ml
5) T A~2-methylnaphthalene...	6.772	17220959	90.841 ug/ml
6) T n-Tetradecane (C14)	7.953	16178723	89.777 ug/ml
7) T n-Hexadecane (C16)	9.543	16655828	89.069 ug/ml
8) T n-Octadecane (C18)	10.977	16758571	88.738 ug/ml
10) T n-Eicosane (C20)	12.277	16052044	88.676 ug/ml
11) T n-Heneicosane (C21)	12.885	15758250	88.646 ug/ml
13) T n-Docosane (C22)	13.468	15653312	88.206 ug/ml
14) T n-Tetracosane (C24)	14.565	15497099	87.955 ug/ml
15) T n-Hexacosane (C26)	15.579	15086633	88.324 ug/ml
16) T n-Octacosane (C28)	16.523	14588279	86.215 ug/ml
17) T n-Tricontane (C30)	17.406	14493664	82.338 ug/ml
18) T n-Dotriacontane (C32)	18.233	13636949	78.823 ug/ml
19) T n-Tetratriacontane (C34)	19.010	11853154	78.250 ug/ml
20) T n-Hexatriacontane (C36)	19.745	10210102	79.791 ug/ml
21) T n-Octatriacontane (C38)	20.442	9582906	76.904 ug/ml
22) T n-Tetracontane (C40)	21.225	9125943	75.959 ug/ml

(f)=RT Delta > 1/2 Window

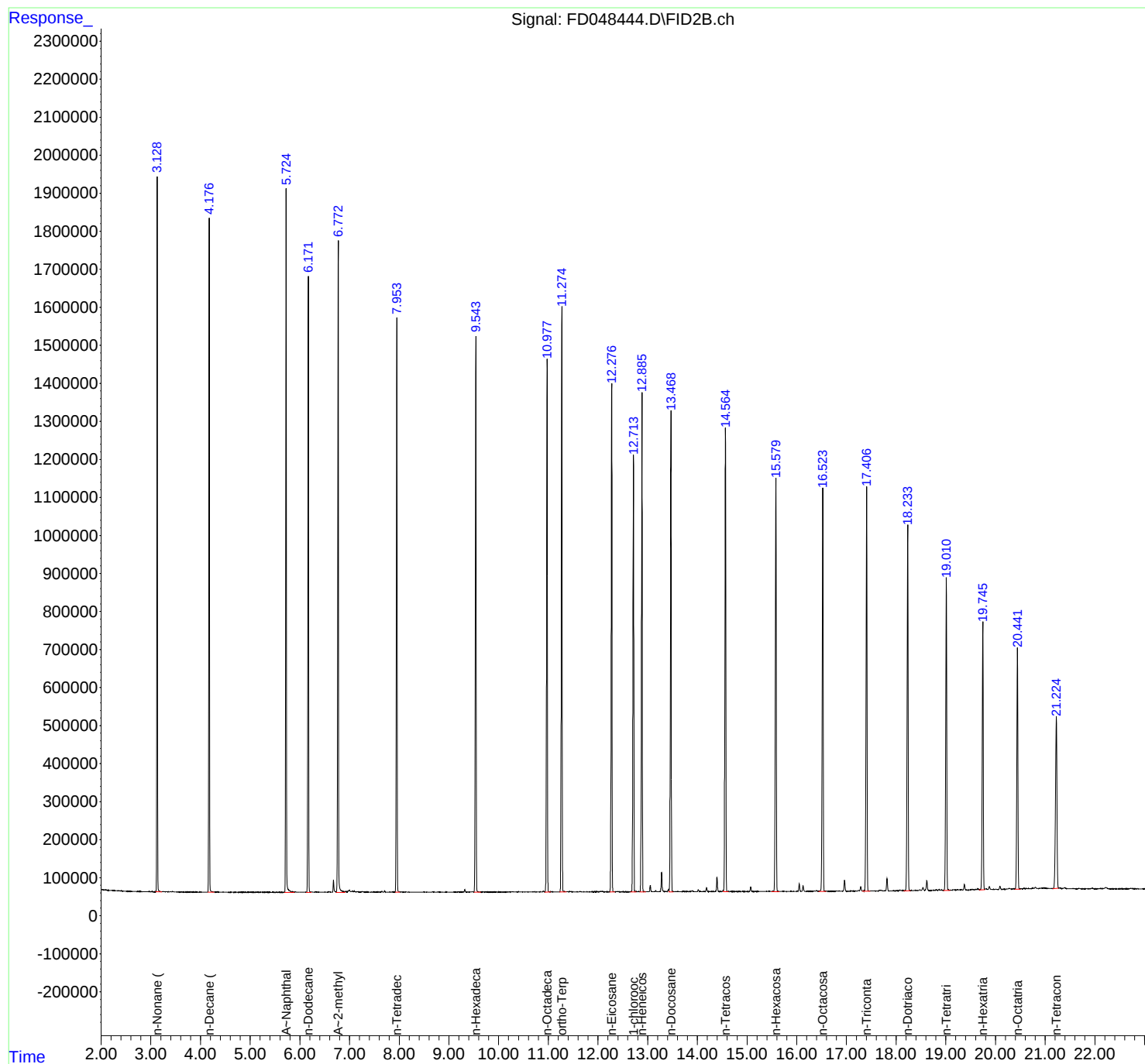
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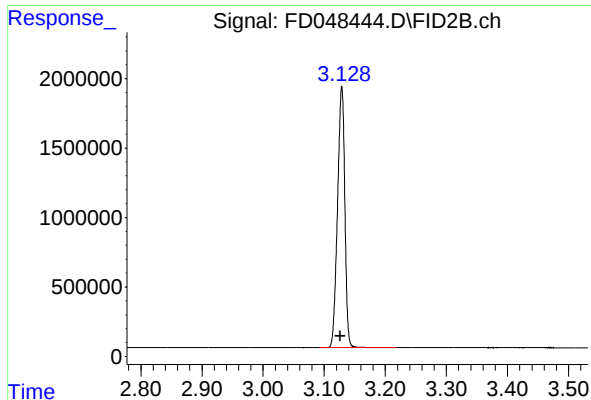
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#1 n-Nonane (C9)

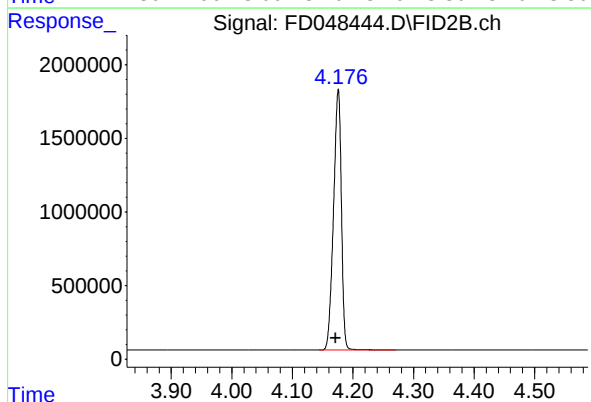
R.T.: 3.129 min
Delta R.T.: 0.003 min
Response: 15617581
Conc: 90.22 ug/ml

Instrument :

FID_D

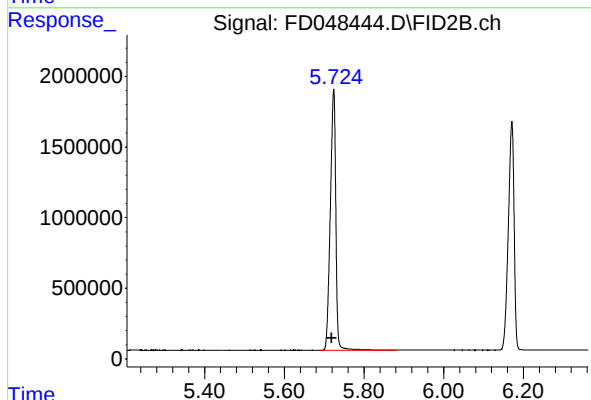
ClientSampleId :

100 PPM ALIPHATIC HC STD1



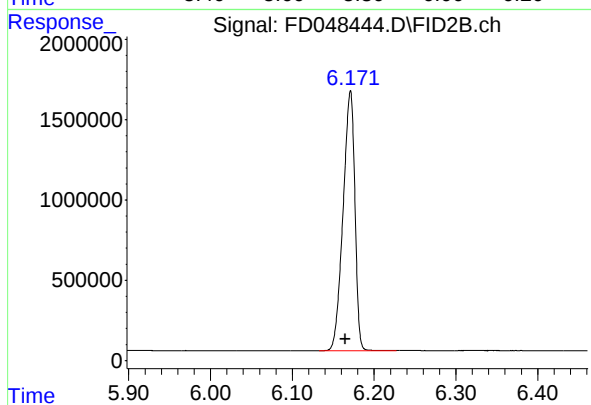
#2 n-Decane (C10)

R.T.: 4.176 min
Delta R.T.: 0.004 min
Response: 16019940
Conc: 89.46 ug/ml



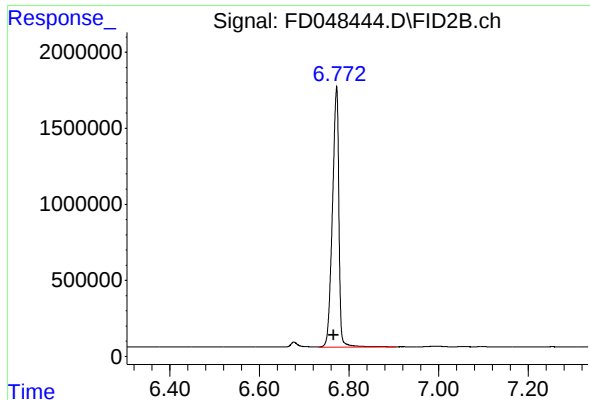
#3 A~Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: 0.005 min
Response: 17703076
Conc: 90.57 ug/ml



#4 n-Dodecane (C12)

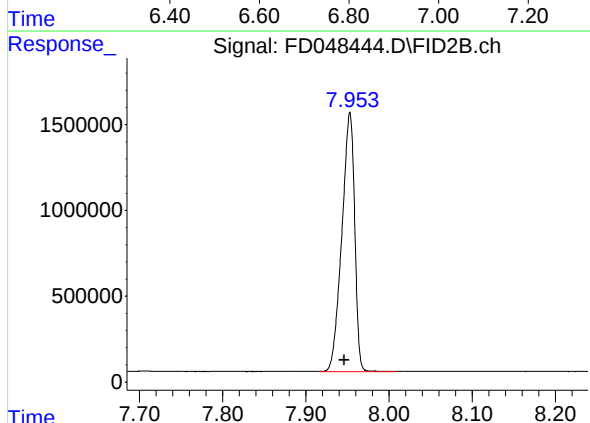
R.T.: 6.171 min
Delta R.T.: 0.006 min
Response: 16260473
Conc: 89.71 ug/ml



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

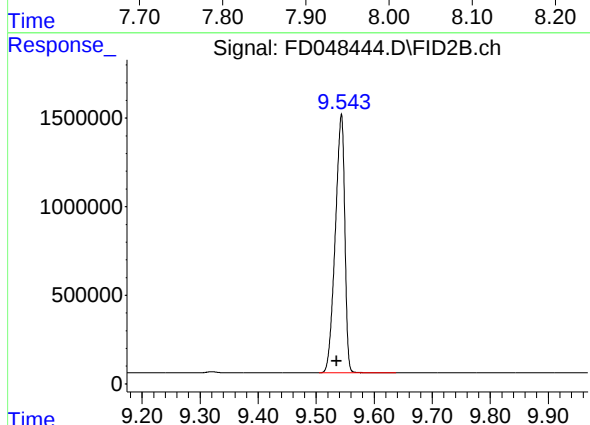
R.T.: 6.772 min
Delta R.T.: 0.007 min
Response: 17220959
Conc: 90.84 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



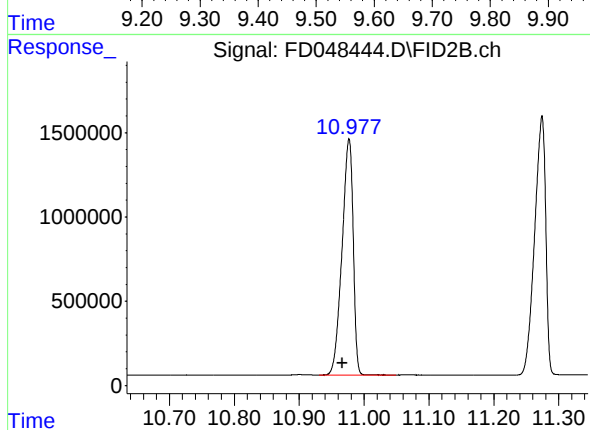
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: 0.007 min
Response: 16178723
Conc: 89.78 ug/ml



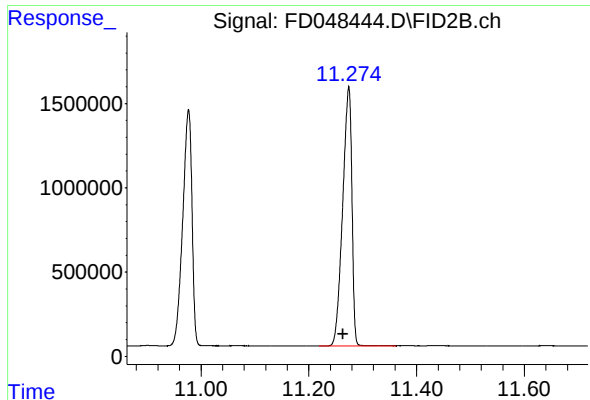
#7 n-Hexadecane (C16)

R.T.: 9.543 min
Delta R.T.: 0.008 min
Response: 16655828
Conc: 89.07 ug/ml



#8 n-Octadecane (C18)

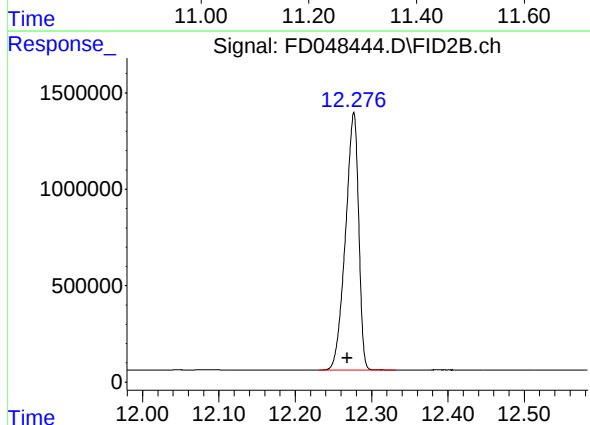
R.T.: 10.977 min
Delta R.T.: 0.010 min
Response: 16758571
Conc: 88.74 ug/ml



#9 ortho-Terphenyl (SURR)

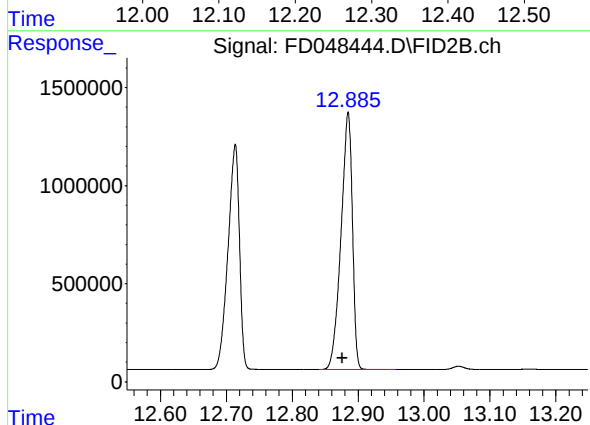
R.T.: 11.274 min
Delta R.T.: 0.011 min
Response: 18297968
Conc: 89.03 ug/ml

Instrument :
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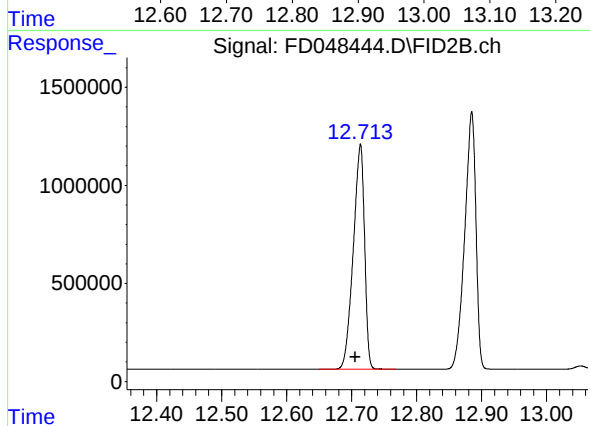
#10 n-Eicosane (C20)

R.T.: 12.277 min
Delta R.T.: 0.009 min
Response: 16052044
Conc: 88.68 ug/ml



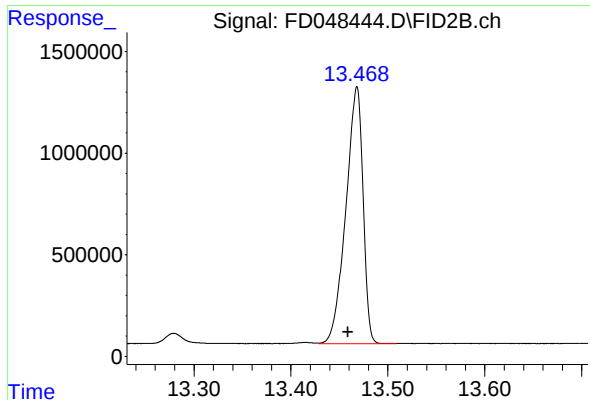
#11 n-Heneicosane (C21)

R.T.: 12.885 min
Delta R.T.: 0.009 min
Response: 15758250
Conc: 88.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.714 min
Delta R.T.: 0.008 min
Response: 13855161
Conc: 88.77 ug/ml



#13 n-Docosane (C22)

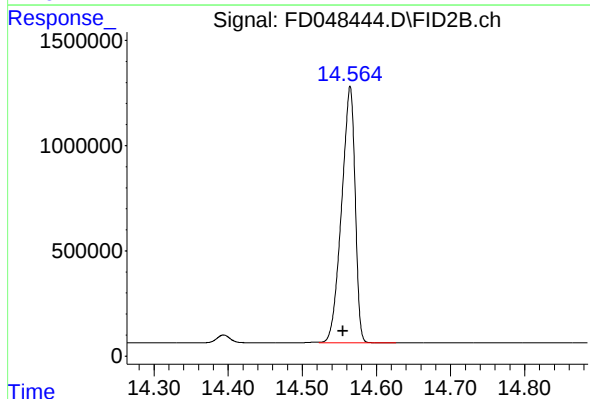
R.T.: 13.468 min
Delta R.T.: 0.009 min
Response: 15653312
Conc: 88.21 ug/ml

Instrument :

FID_D

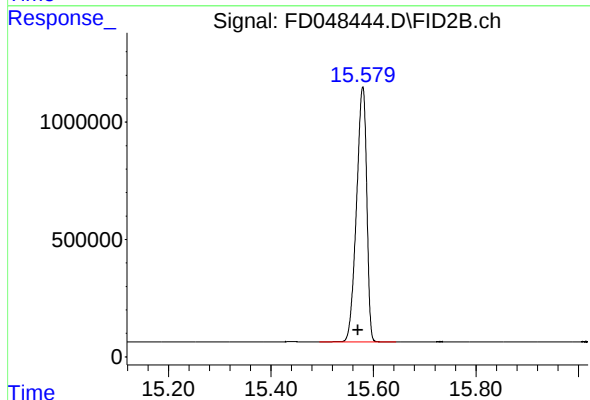
ClientSampleId :

100 PPM ALIPHATIC HC STD1



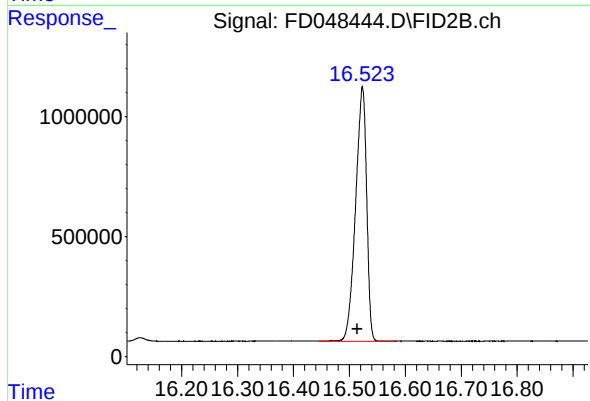
#14 n-Tetracosane (C24)

R.T.: 14.565 min
Delta R.T.: 0.010 min
Response: 15497099
Conc: 87.95 ug/ml



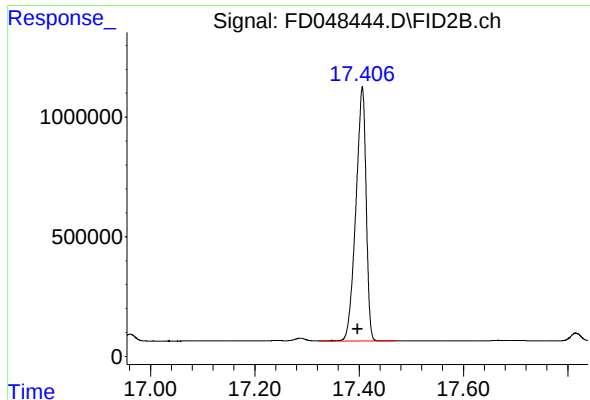
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: 0.009 min
Response: 15086633
Conc: 88.32 ug/ml



#16 n-Octacosane (C28)

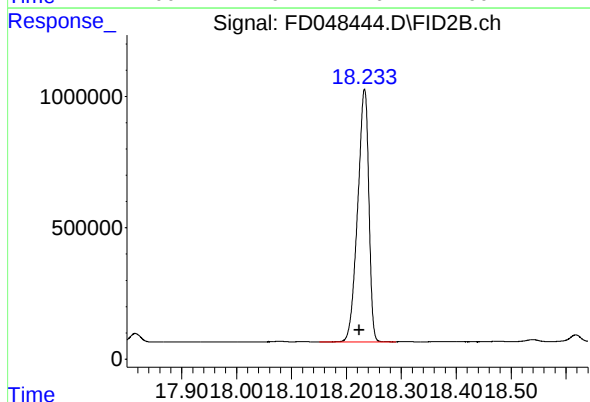
R.T.: 16.523 min
Delta R.T.: 0.009 min
Response: 14588279
Conc: 86.21 ug/ml



#17 n-Tricontane (C30)

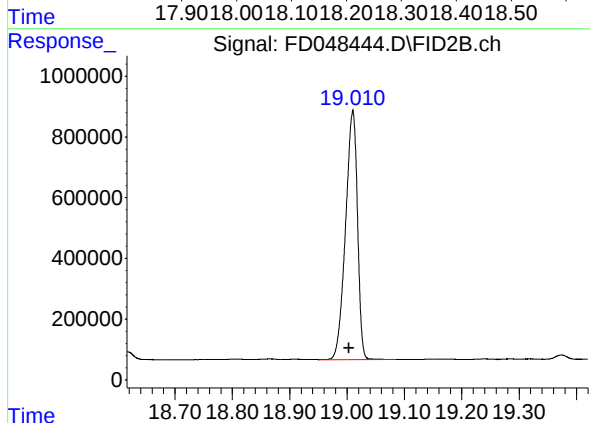
R.T.: 17.406 min
Delta R.T.: 0.009 min
Response: 14493664
Conc: 82.34 ug/ml

Instrument :
FID_D
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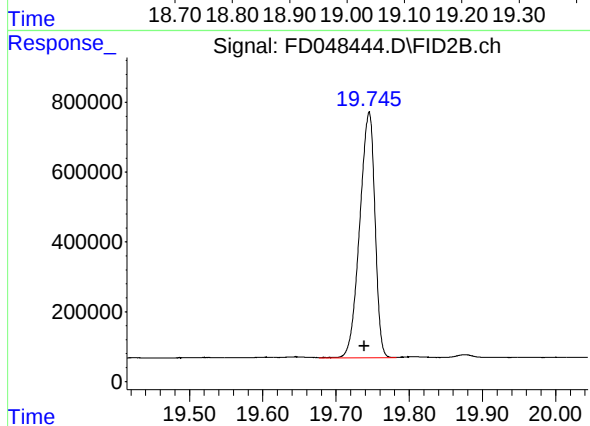
#18 n-Dotriacontane (C32)

R.T.: 18.233 min
Delta R.T.: 0.009 min
Response: 13636949
Conc: 78.82 ug/ml



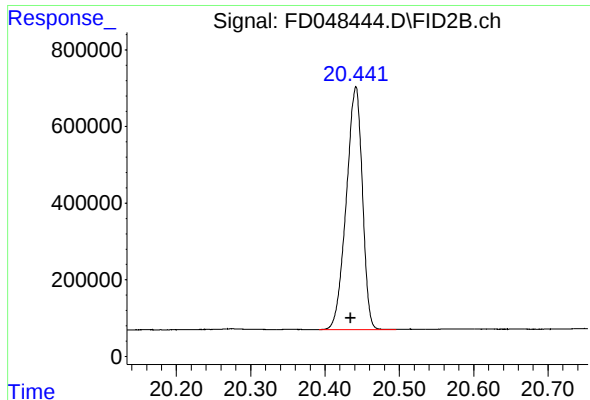
#19 n-Tetratriacontane (C34)

R.T.: 19.010 min
Delta R.T.: 0.007 min
Response: 11853154
Conc: 78.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.745 min
Delta R.T.: 0.007 min
Response: 10210102
Conc: 79.79 ug/ml



#21 n-Octatriacontane (C38)

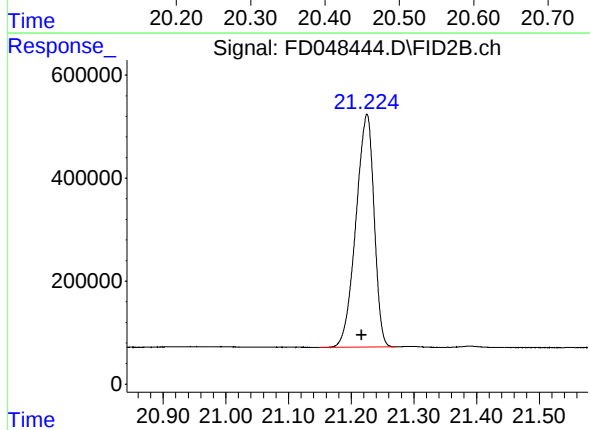
R.T.: 20.442 min
Delta R.T.: 0.007 min
Response: 9582906
Conc: 76.90 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 9125943
Conc: 75.96 ug/ml