

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031725AL\
 Data File : FF015685.D
 Signal(s) : FID2B.ch
 Acq On : 17 Mar 2025 17:32
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Mar 18 02:21:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:20:55 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)	11.944	13992114	87.482 ug/ml
Spiked Amount 50.000		Recovery =	174.96%
12) S 1-chlorooctadecane (S...	13.377	10671595	89.038 ug/ml
Spiked Amount 50.000		Recovery =	178.08%
Target Compounds			
1) T n-Nonane (C9)	3.312	11714769	88.735 ug/ml
2) T n-Decane (C10)	4.570	11941532	88.896 ug/ml
3) T A~Naphthalene (C11.7)	6.279	12962083	92.903 ug/ml
4) T n-Dodecane (C12)	6.737	12135452	88.863 ug/ml
5) T A~2-methylnaphthalene...	7.376	12513053	95.678 ug/ml
6) T n-Tetradecane (C14)	8.565	12139898	88.866 ug/ml
7) T n-Hexadecane (C16)	10.174	12610037	89.050 ug/ml
8) T n-Octadecane (C18)	11.620	12845153	88.388 ug/ml
10) T n-Eicosane (C20)	12.930	12429970	87.508 ug/ml
11) T n-Heneicosane (C21)	13.543	12265608	87.152 ug/ml
13) T n-Docosane (C22)	14.130	12185094	86.337 ug/ml
14) T n-Tetracosane (C24)	15.234	12072256	85.404 ug/ml
15) T n-Hexacosane (C26)	16.256	11767801	84.960 ug/ml
16) T n-Octacosane (C28)	17.207	11390456	82.339 ug/ml
17) T n-Tricontane (C30)	18.097	11327654	79.091 ug/ml
18) T n-Dotriacontane (C32)	18.930	10744785	77.601 ug/ml
19) T n-Tetratriacontane (C34)	19.713	9816099	78.988 ug/ml
20) T n-Hexatriacontane (C36)	20.452	8638482	81.952 ug/ml
21) T n-Octatriacontane (C38)	21.189	7910401	84.731 ug/ml
22) T n-Tetracontane (C40)	22.105	7457589	86.906 ug/ml

(f)=RT Delta > 1/2 Window

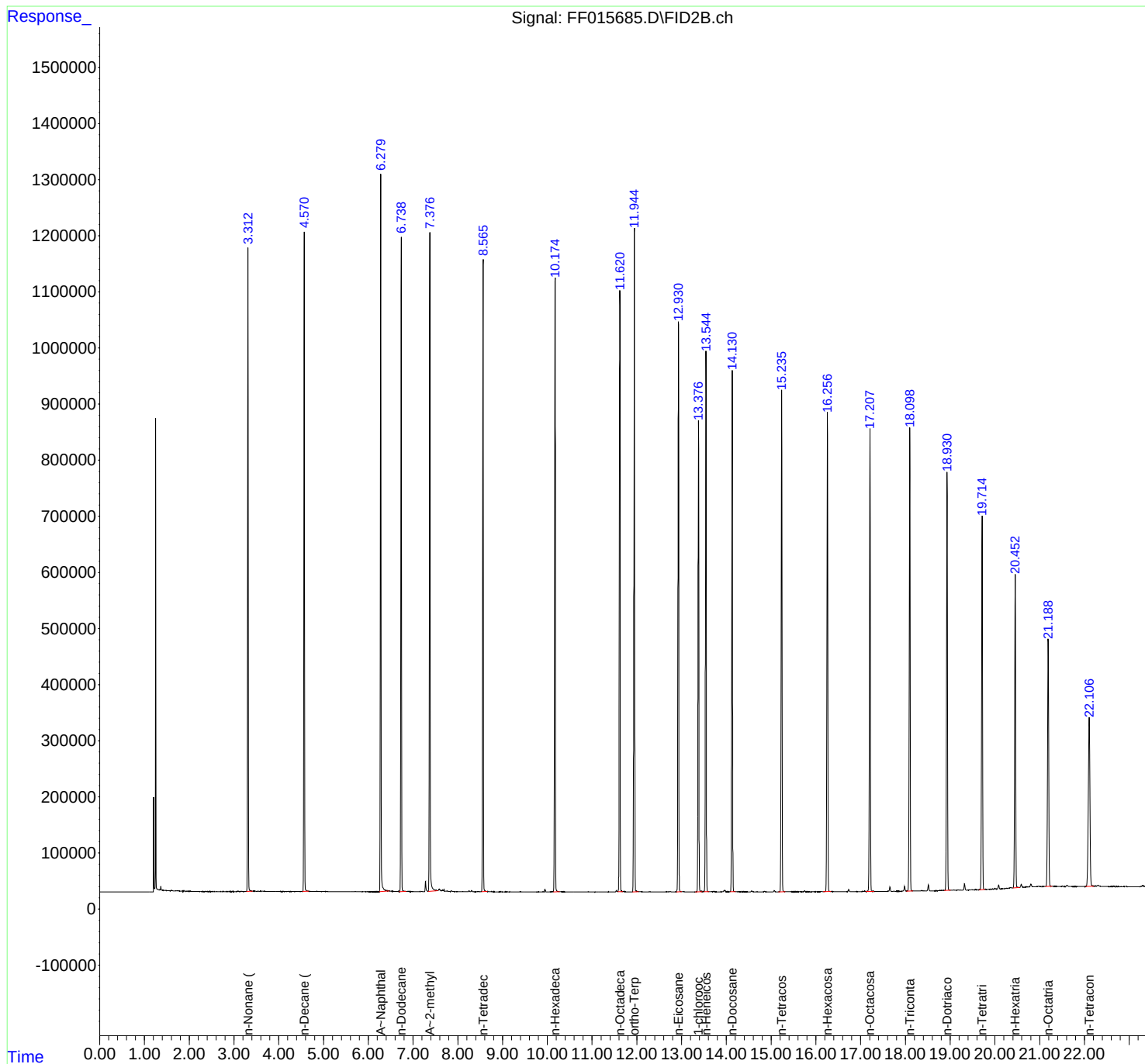
(m)=manual int.

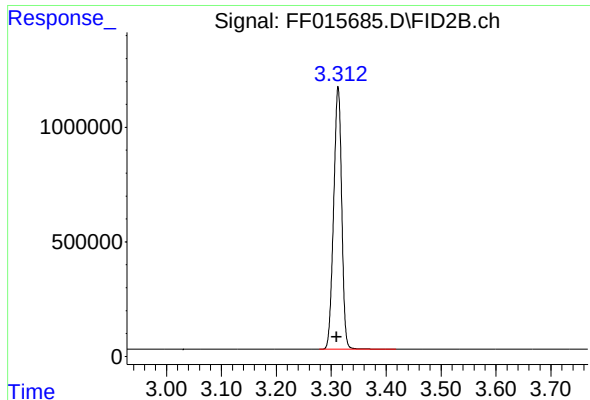
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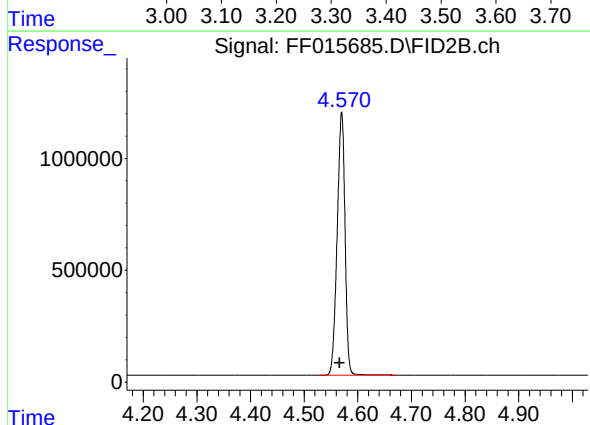




#1 n-Nonane (C9)

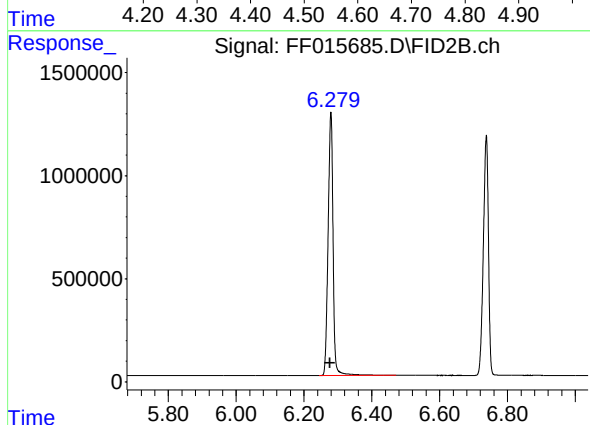
R.T.: 3.312 min
Delta R.T.: 0.002 min
Response: 11714769
Conc: 88.73 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



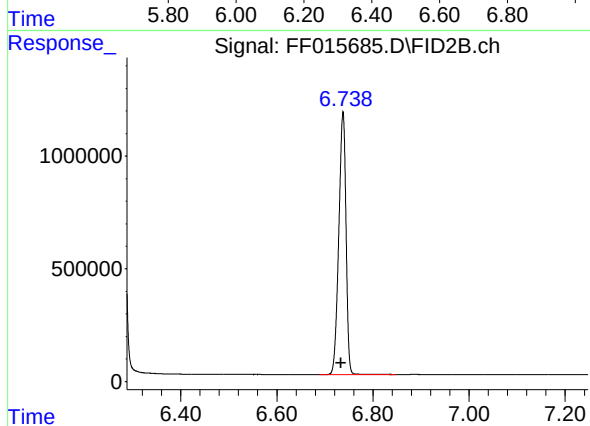
#2 n-Decane (C10)

R.T.: 4.570 min
Delta R.T.: 0.004 min
Response: 11941532
Conc: 88.90 ug/ml



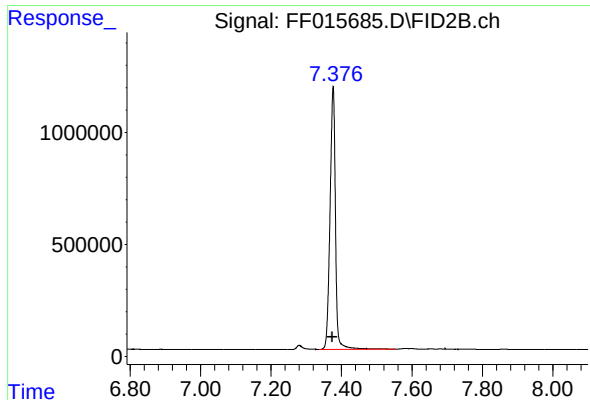
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.003 min
Response: 12962083
Conc: 92.90 ug/ml



#4 n-Dodecane (C12)

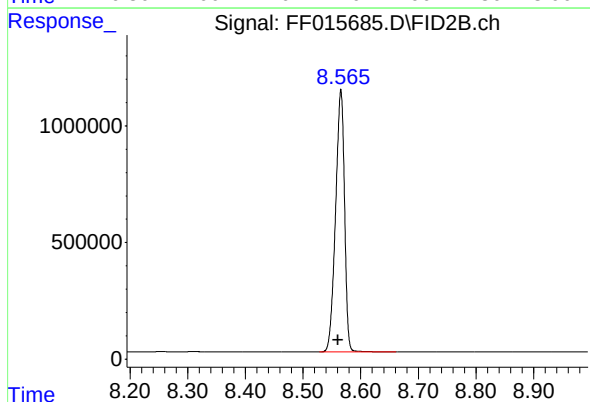
R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 12135452
Conc: 88.86 ug/ml



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

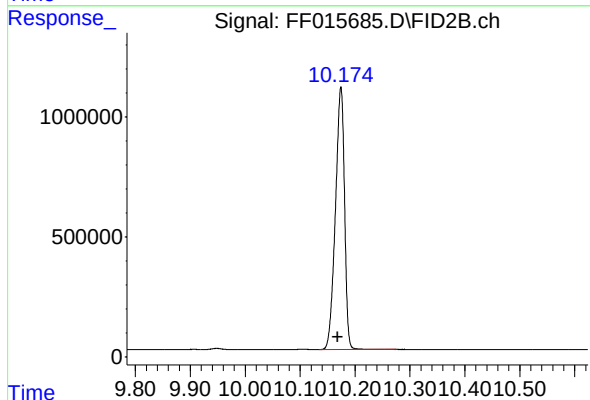
R.T.: 7.376 min
Delta R.T.: 0.002 min
Response: 12513053
Conc: 95.68 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



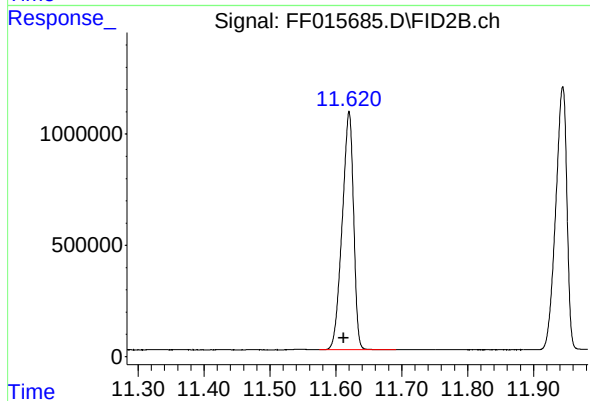
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.005 min
Response: 12139898
Conc: 88.87 ug/ml



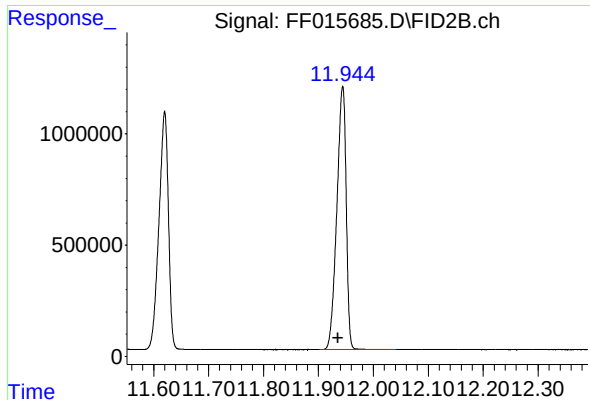
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.006 min
Response: 12610037
Conc: 89.05 ug/ml



#8 n-Octadecane (C18)

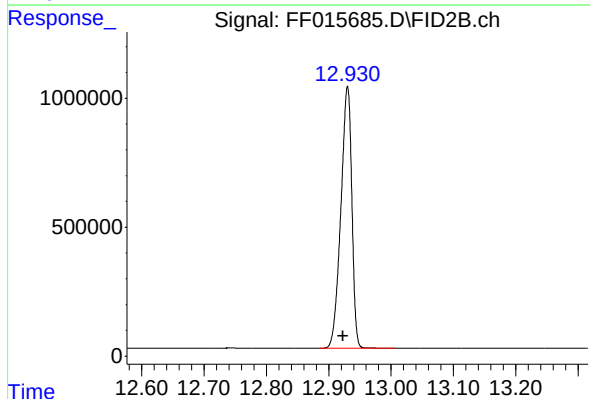
R.T.: 11.620 min
Delta R.T.: 0.008 min
Response: 12845153
Conc: 88.39 ug/ml



#9 ortho-Terphenyl (SURR)

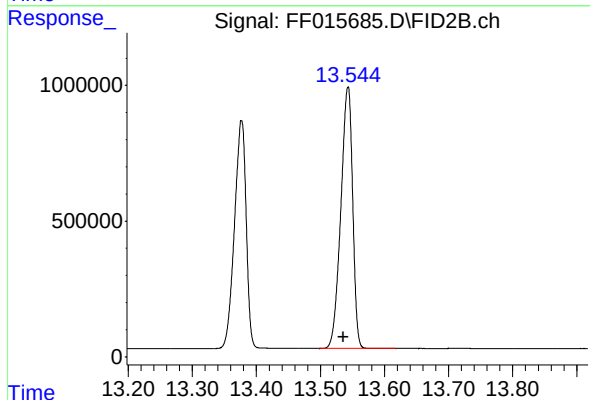
R.T.: 11.944 min
Delta R.T.: 0.008 min
Response: 13992114
Conc: 87.48 ug/ml

Instrument :
FID_F
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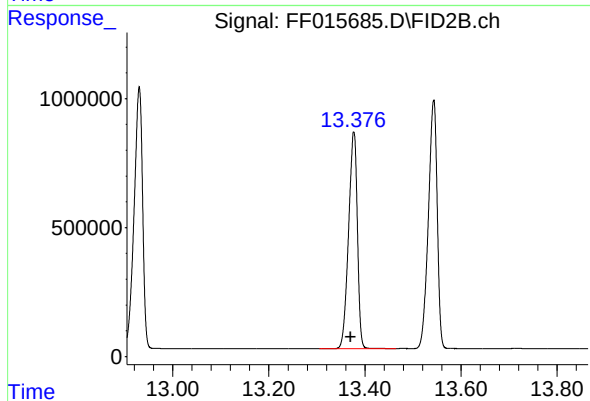
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.007 min
Response: 12429970
Conc: 87.51 ug/ml



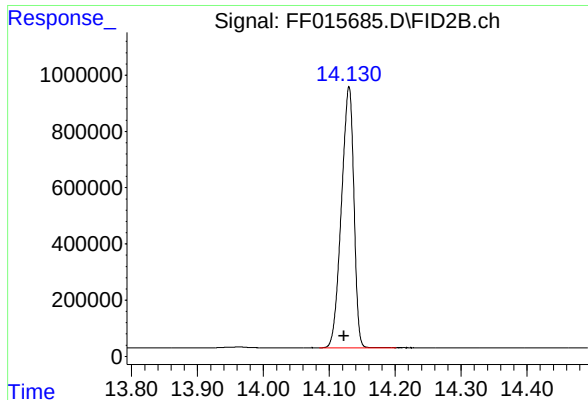
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.007 min
Response: 12265608
Conc: 87.15 ug/ml



#12 1-chlorooctadecane (SURR)

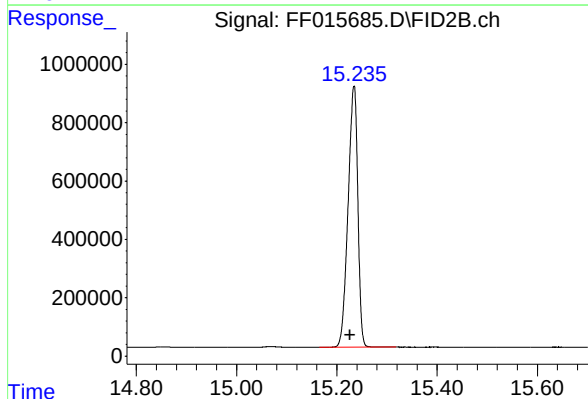
R.T.: 13.377 min
Delta R.T.: 0.006 min
Response: 10671595
Conc: 89.04 ug/ml



#13 n-Docosane (C22)

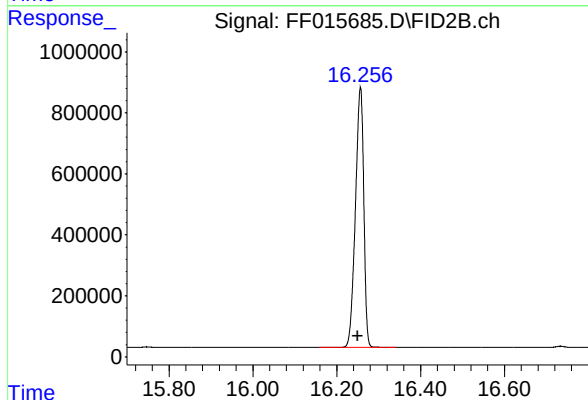
R.T.: 14.130 min
Delta R.T.: 0.007 min
Response: 12185094
Conc: 86.34 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



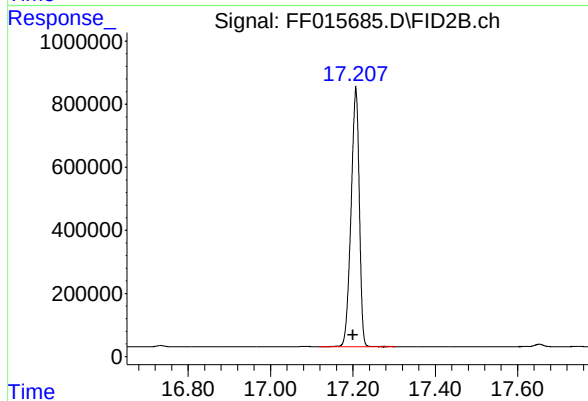
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.007 min
Response: 12072256
Conc: 85.40 ug/ml



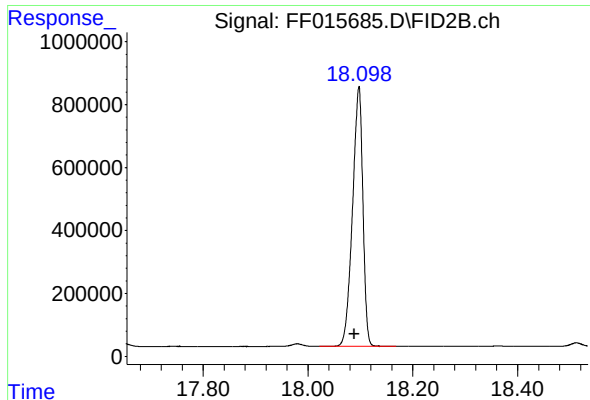
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.007 min
Response: 11767801
Conc: 84.96 ug/ml



#16 n-Octacosane (C28)

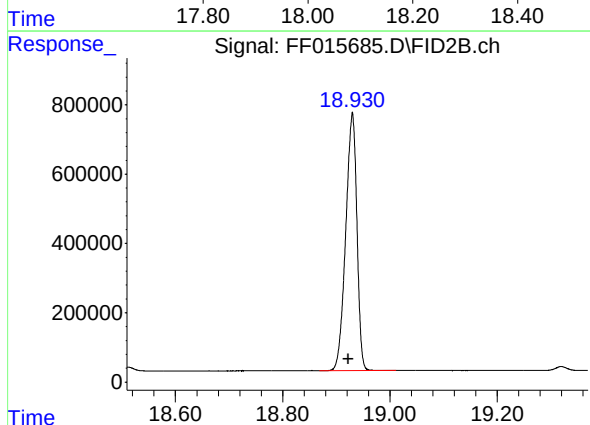
R.T.: 17.207 min
Delta R.T.: 0.007 min
Response: 11390456
Conc: 82.34 ug/ml



#17 n-Tricontane (C30)

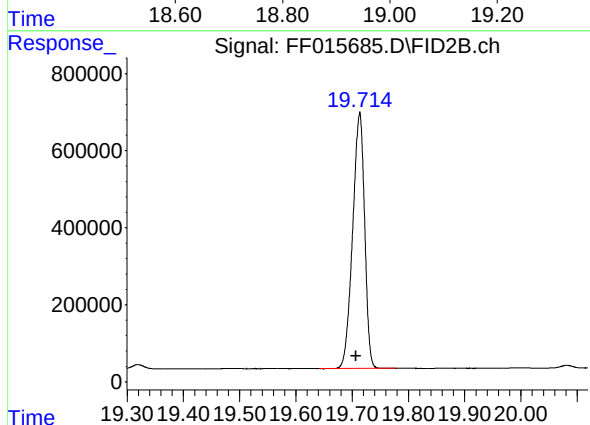
R.T.: 18.097 min
Delta R.T.: 0.008 min
Response: 11327654
Conc: 79.09 ug/ml

Instrument :
FID_F
ClientSampleId :
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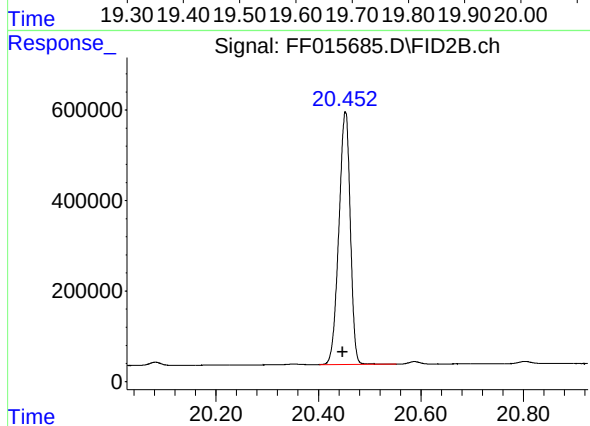
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.007 min
Response: 10744785
Conc: 77.60 ug/ml



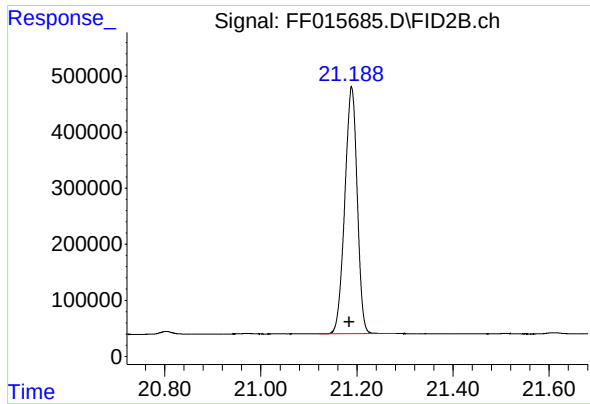
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.007 min
Response: 9816099
Conc: 78.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: 0.005 min
Response: 8638482
Conc: 81.95 ug/ml



#21 n-Octatriacontane (C38)

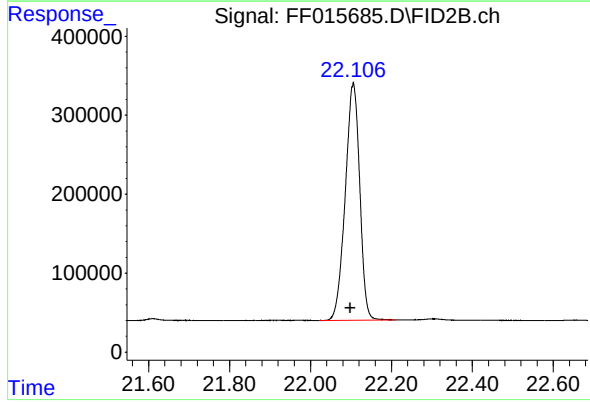
R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 7910401
Conc: 84.73 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.006 min
Response: 7457589
Conc: 86.91 ug/ml