

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012922.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 11:27
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 20 12:48:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 12:48:43 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)	10.884	14249634	90.945 ug/ml
Spiked Amount 50.000		Recovery =	181.89%
12) S 1-chlorooctadecane (S...	12.312	10397749	91.940 ug/ml
Spiked Amount 50.000		Recovery =	183.88%
Target Compounds			
1) T n-Nonane (C9)	2.746	11497209	91.854 ug/ml
2) T n-Decane (C10)	3.755	11717113	92.597 ug/ml
3) T A~Naphthalene (C11.7)	5.318	12850735	96.308 ug/ml
4) T n-Dodecane (C12)	5.740	11806952	92.062 ug/ml
5) T A~2-methylnaphthalene...	6.367	12232145	101.352 ug/ml
6) T n-Tetradecane (C14)	7.528	11696014	93.633 ug/ml
7) T n-Hexadecane (C16)	9.125	12148583	93.146 ug/ml
8) T n-Octadecane (C18)	10.564	12382212	91.069 ug/ml
10) T n-Eicosane (C20)	11.868	12003683	90.438 ug/ml
11) T n-Heneicosane (C21)	12.478	11838778	90.730 ug/ml
13) T n-Docosane (C22)	13.063	11761851	88.368 ug/ml
14) T n-Tetracosane (C24)	14.163	11653928	84.050 ug/ml
15) T n-Hexacosane (C26)	15.181	11340439	82.258 ug/ml
16) T n-Octacosane (C28)	16.128	10956027	79.139 ug/ml
17) T n-Tricontane (C30)	17.014	10918727	78.234 ug/ml
18) T n-Dotriacontane (C32)	17.845	10630437	78.465 ug/ml
19) T n-Tetratriacontane (C34)	18.626	10383721	83.848 ug/ml
20) T n-Hexatriacontane (C36)	19.364	10083779	86.418 ug/ml
21) T n-Octatriacontane (C38)	20.086	9848151	87.726 ug/ml
22) T n-Tetracontane (C40)	20.968	9211339	87.826 ug/ml

(f)=RT Delta > 1/2 Window

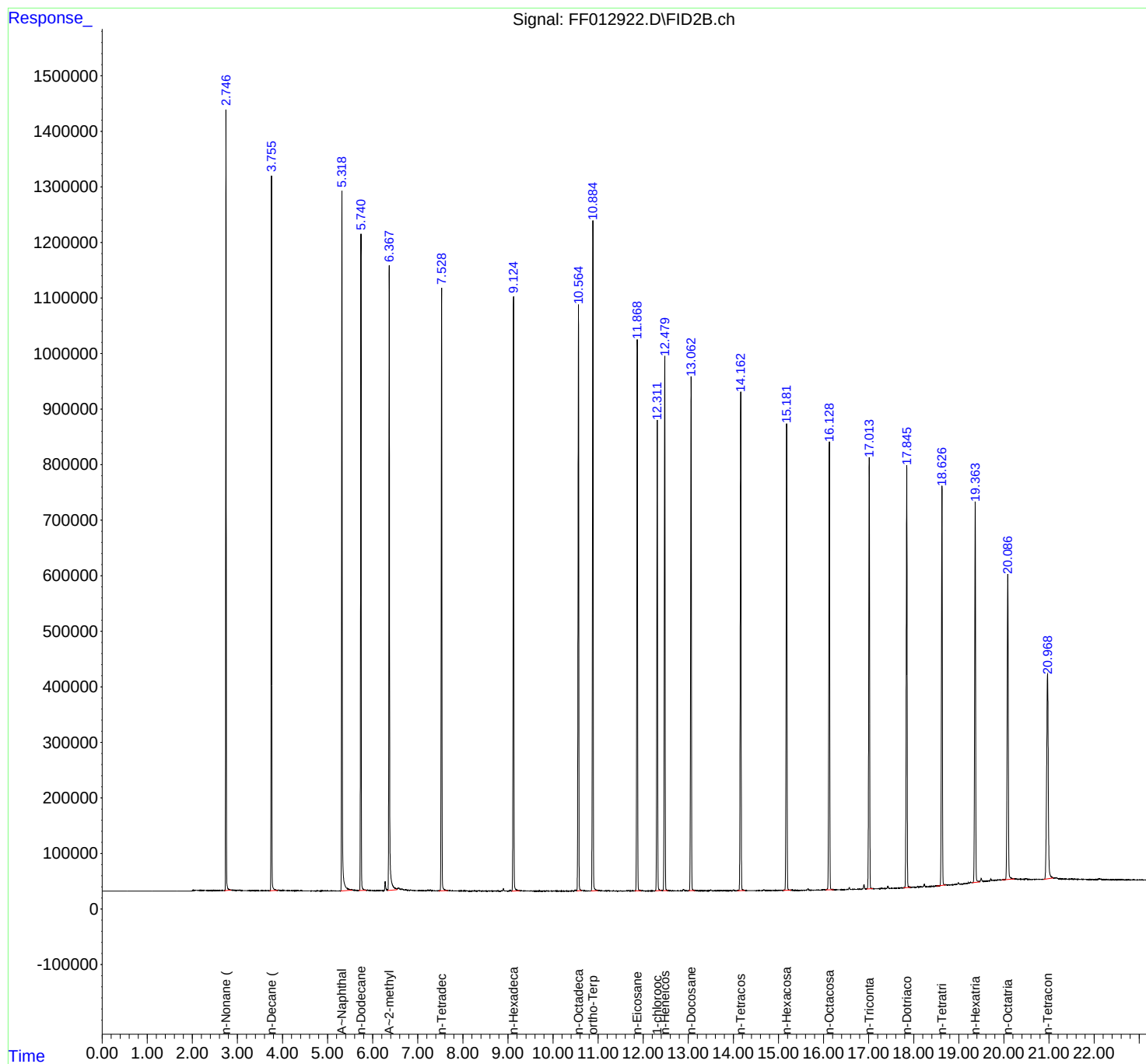
(m)=manual int.

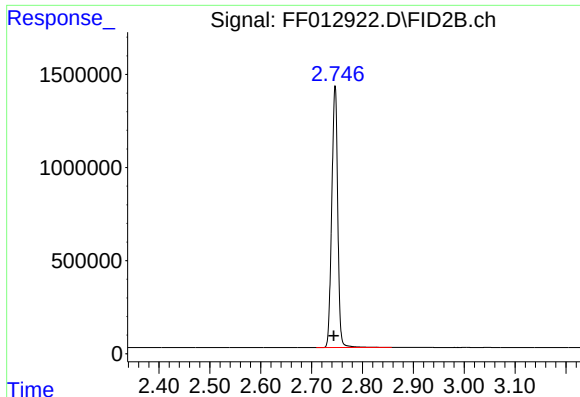
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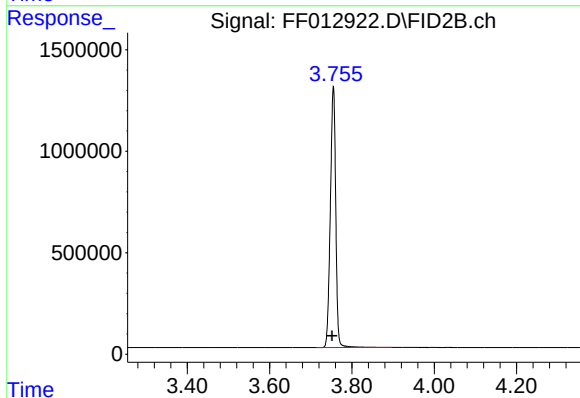




#1 n-Nonane (C9)

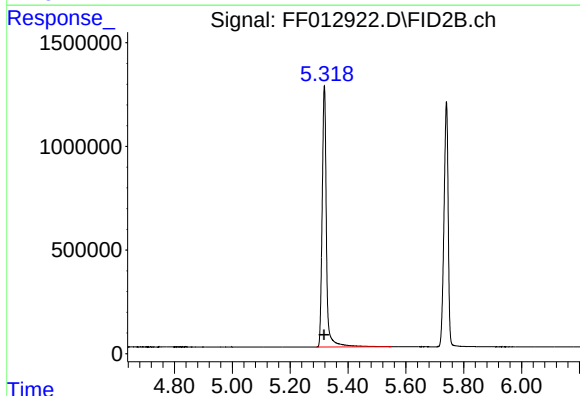
R.T.: 2.746 min
Delta R.T.: 0.002 min
Response: 11497209
Conc: 91.85 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



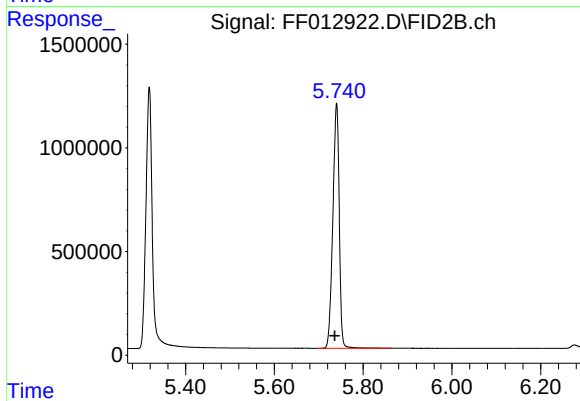
#2 n-Decane (C10)

R.T.: 3.755 min
Delta R.T.: 0.003 min
Response: 11717113
Conc: 92.60 ug/ml



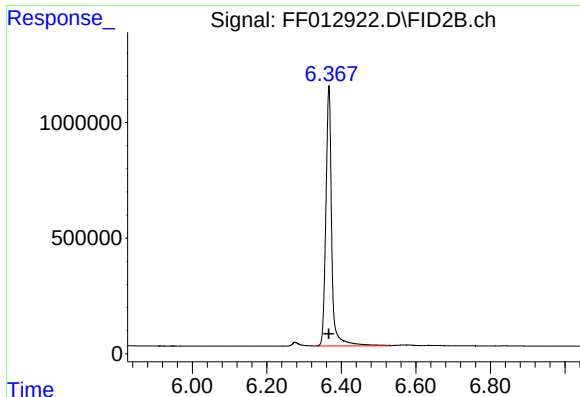
#3 A~Naphthalene (C11.7)

R.T.: 5.318 min
Delta R.T.: 0.001 min
Response: 12850735
Conc: 96.31 ug/ml



#4 n-Dodecane (C12)

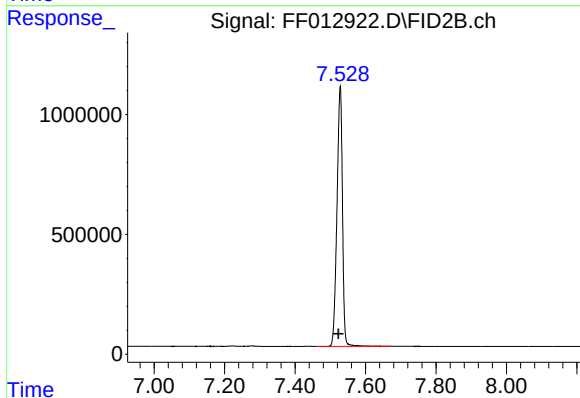
R.T.: 5.740 min
Delta R.T.: 0.004 min
Response: 11806952
Conc: 92.06 ug/ml



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

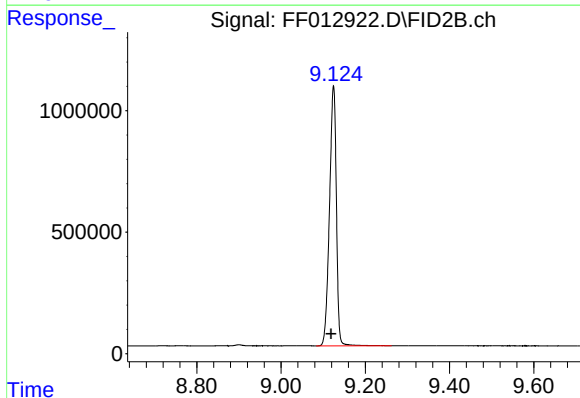
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 12232145
Conc: 101.35 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



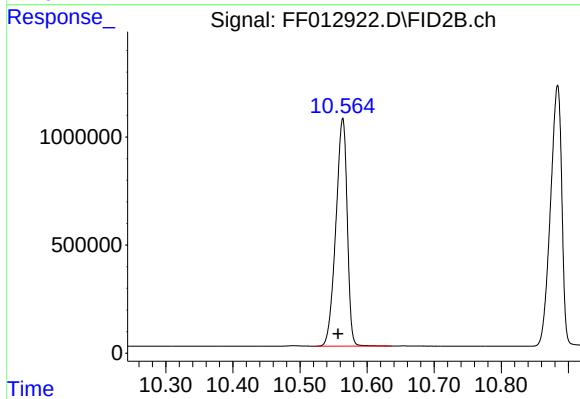
#6 n-Tetradecane (C14)

R.T.: 7.528 min
Delta R.T.: 0.005 min
Response: 11696014
Conc: 93.63 ug/ml



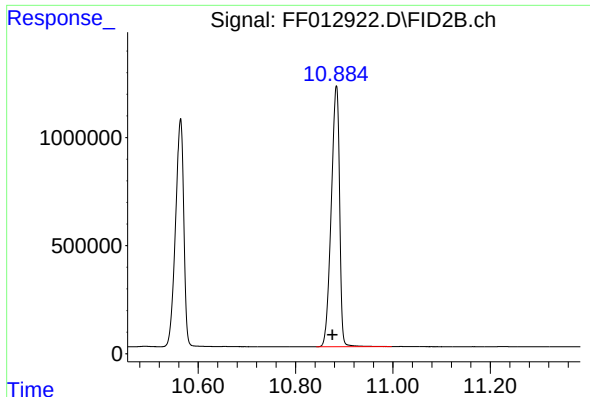
#7 n-Hexadecane (C16)

R.T.: 9.125 min
Delta R.T.: 0.006 min
Response: 12148583
Conc: 93.15 ug/ml



#8 n-Octadecane (C18)

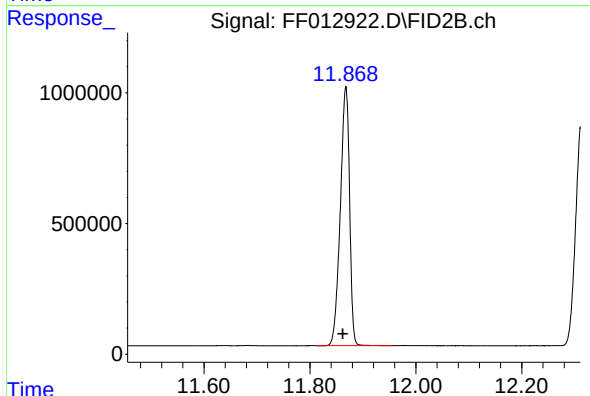
R.T.: 10.564 min
Delta R.T.: 0.007 min
Response: 12382212
Conc: 91.07 ug/ml



#9 ortho-Terphenyl (SURR)

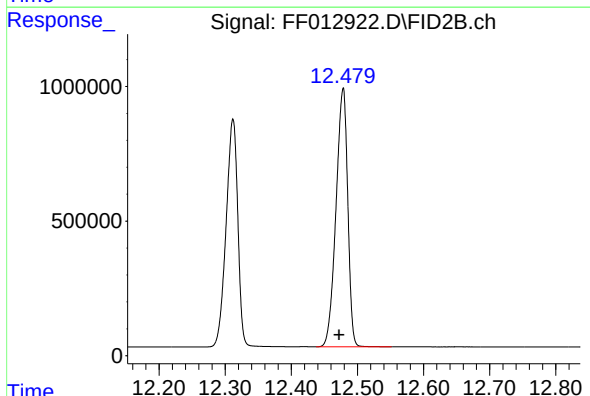
R.T.: 10.884 min
Delta R.T.: 0.008 min
Response: 14249634
Conc: 90.94 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



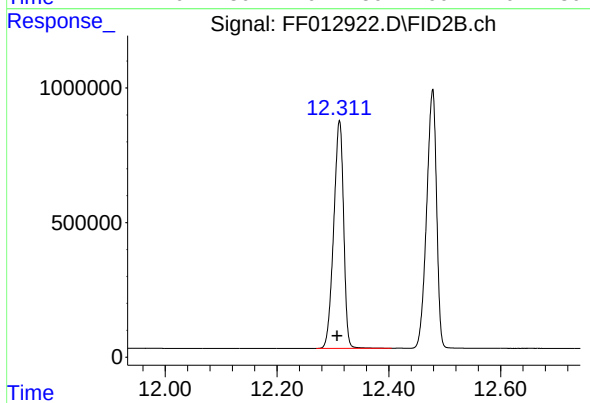
#10 n-Eicosane (C20)

R.T.: 11.868 min
Delta R.T.: 0.006 min
Response: 12003683
Conc: 90.44 ug/ml



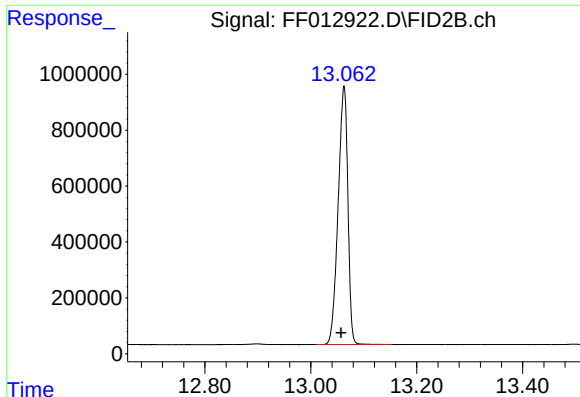
#11 n-Heneicosane (C21)

R.T.: 12.478 min
Delta R.T.: 0.006 min
Response: 11838778
Conc: 90.73 ug/ml



#12 1-chlorooctadecane (SURR)

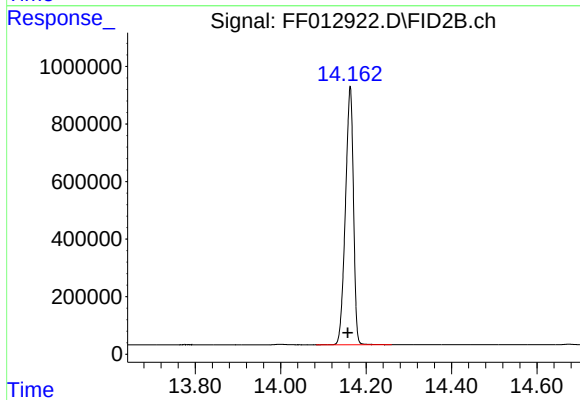
R.T.: 12.312 min
Delta R.T.: 0.005 min
Response: 10397749
Conc: 91.94 ug/ml



#13 n-Docosane (C22)

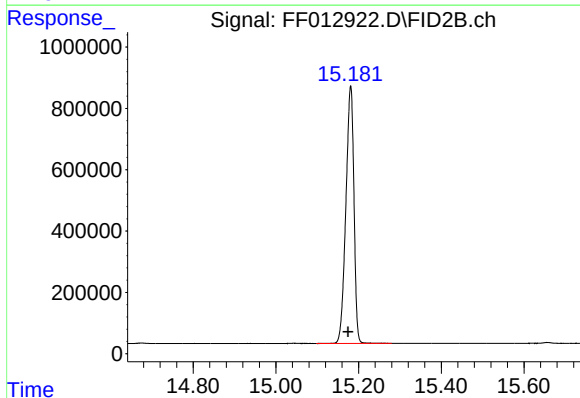
R.T.: 13.063 min
Delta R.T.: 0.006 min
Response: 11761851
Conc: 88.37 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



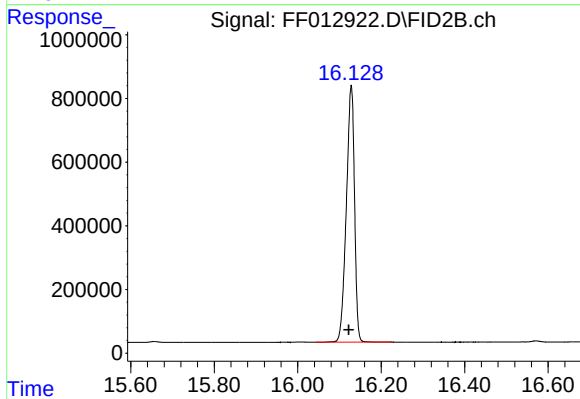
#14 n-Tetracosane (C24)

R.T.: 14.163 min
Delta R.T.: 0.006 min
Response: 11653928
Conc: 84.05 ug/ml



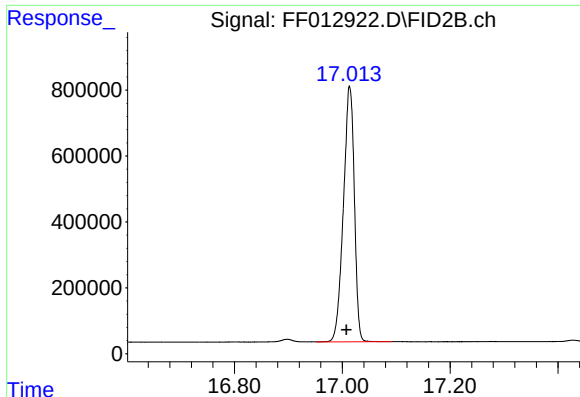
#15 n-Hexacosane (C26)

R.T.: 15.181 min
Delta R.T.: 0.006 min
Response: 11340439
Conc: 82.26 ug/ml



#16 n-Octacosane (C28)

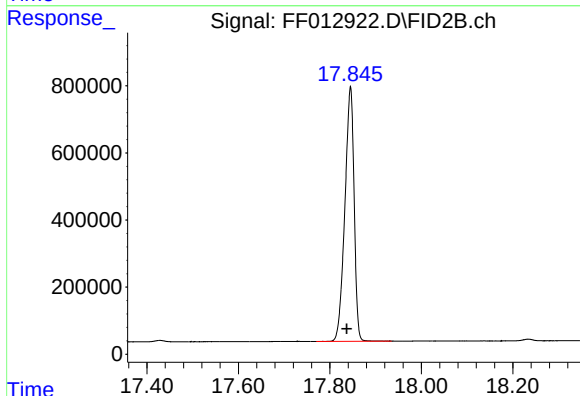
R.T.: 16.128 min
Delta R.T.: 0.006 min
Response: 10956027
Conc: 79.14 ug/ml



#17 n-Tricontane (C30)

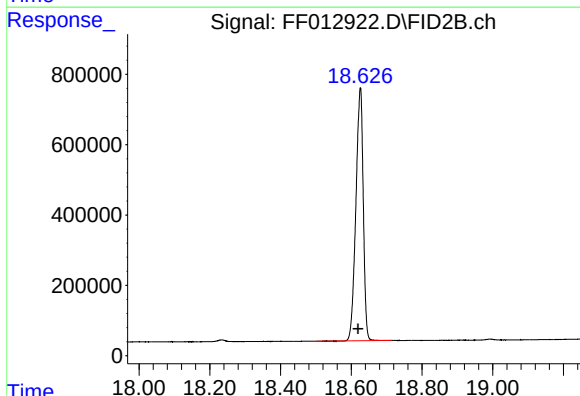
R.T.: 17.014 min
Delta R.T.: 0.006 min
Response: 10918727
Conc: 78.23 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



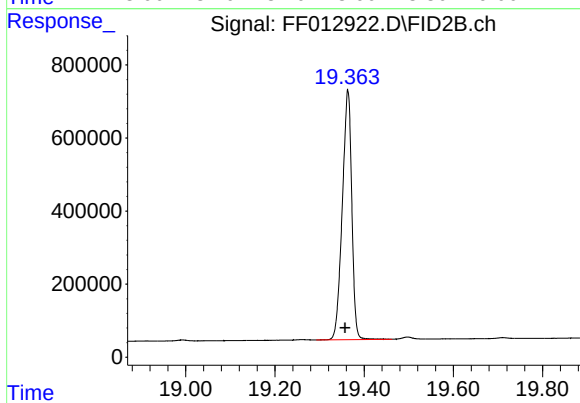
#18 n-Dotriacontane (C32)

R.T.: 17.845 min
Delta R.T.: 0.008 min
Response: 10630437
Conc: 78.47 ug/ml



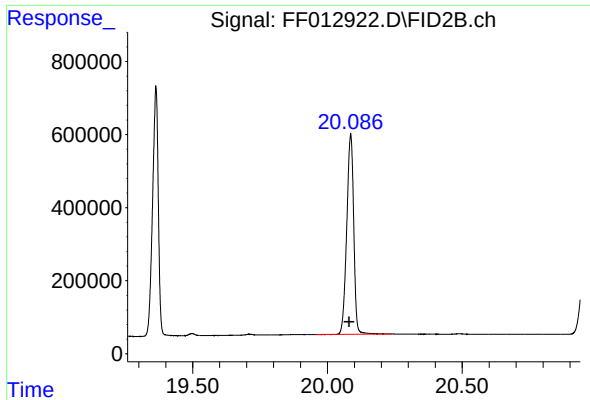
#19 n-Tetratriacontane (C34)

R.T.: 18.626 min
Delta R.T.: 0.007 min
Response: 10383721
Conc: 83.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.364 min
Delta R.T.: 0.007 min
Response: 10083779
Conc: 86.42 ug/ml



#21 n-Octatriacontane (C38)

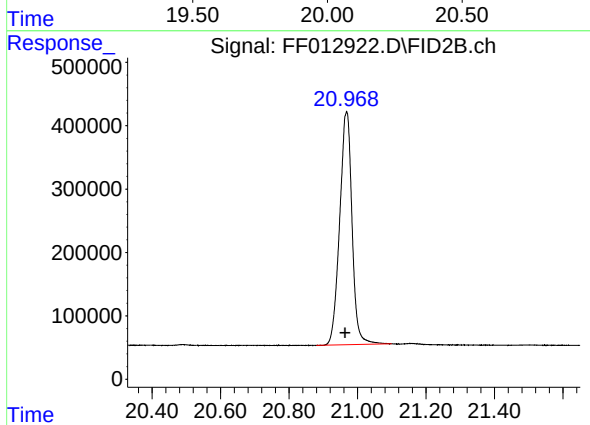
R.T.: 20.086 min
Delta R.T.: 0.006 min
Response: 9848151
Conc: 87.73 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 20.968 min
Delta R.T.: 0.005 min
Response: 9211339
Conc: 87.83 ug/ml