

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014591.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 11:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 02 12:02:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 11:59:41 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)	11.795	7448224	49.011 ug/ml
Spiked Amount 50.000		Recovery =	98.02%
12) S 1-chlorooctadecane (S...	13.235	5878712	49.400 ug/ml
Spiked Amount 50.000		Recovery =	98.80%
Target Compounds			
1) T n-Nonane (C9)	3.196	6101377	49.526 ug/ml
2) T n-Decane (C10)	4.445	6195992	49.367 ug/ml
3) T A~Naphthalene (C11.7)	6.137	6653247	49.692 ug/ml
4) T n-Dodecane (C12)	6.610	6248694	49.054 ug/ml
5) T A~2-methylnaphthalene...	7.232	6341203	49.808 ug/ml
6) T n-Tetradecane (C14)	8.437	6259665	49.161 ug/ml
7) T n-Hexadecane (C16)	10.042	6540343	49.345 ug/ml
8) T n-Octadecane (C18)	11.486	6815464	49.436 ug/ml
10) T n-Eicosane (C20)	12.793	6755784	49.315 ug/ml
11) T n-Heneicosane (C21)	13.405	6725595	49.324 ug/ml
13) T n-Docosane (C22)	13.990	6828720	49.635 ug/ml
14) T n-Tetracosane (C24)	15.091	7058534	50.195 ug/ml
15) T n-Hexacosane (C26)	16.112	7085635	50.171 ug/ml
16) T n-Octacosane (C28)	17.060	7102886	50.140 ug/ml
17) T n-Tricontane (C30)	17.946	7226084	49.618 ug/ml
18) T n-Dotriacontane (C32)	18.777	6866417	48.635 ug/ml
19) T n-Tetratriacontane (C34)	19.557	5847421	48.655 ug/ml
20) T n-Hexatriacontane (C36)	20.295	4861347	48.453 ug/ml
21) T n-Octatriacontane (C38)	21.010	4304448	48.601 ug/ml
22) T n-Tetracontane (C40)	21.869	3835639	47.833 ug/ml

(f)=RT Delta > 1/2 Window

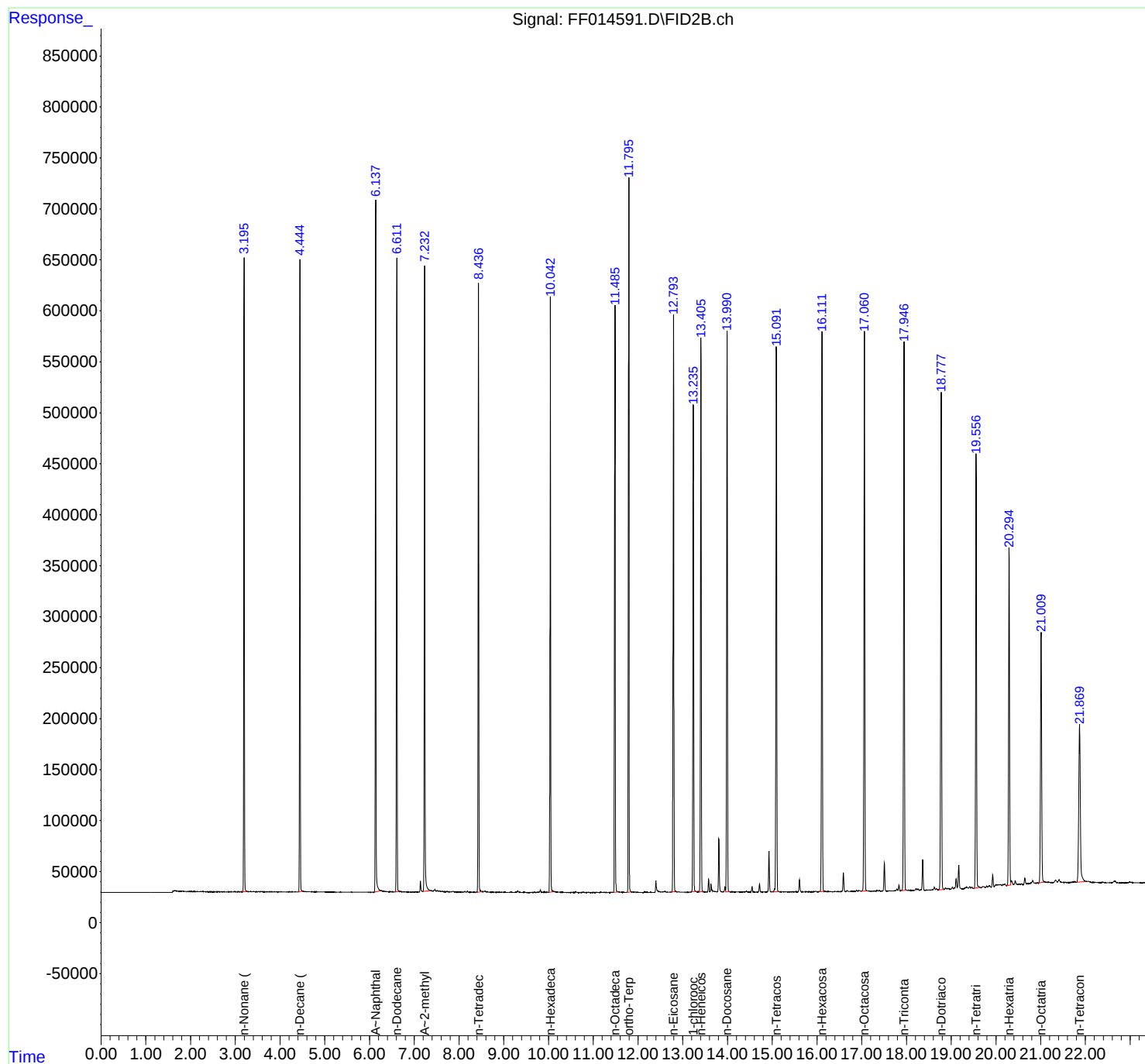
(m)=manual int.

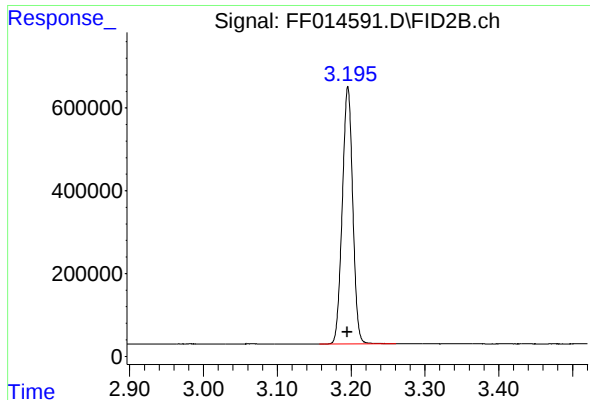
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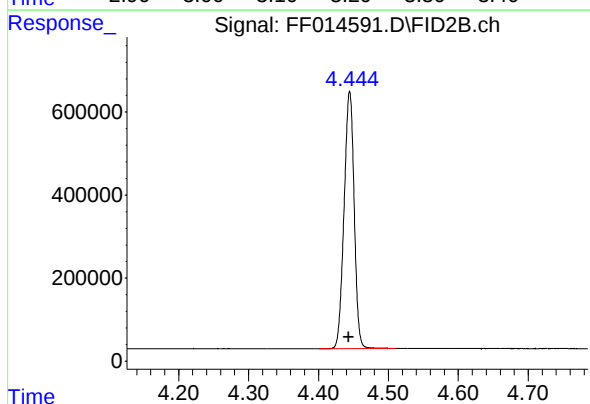




#1 n-Nonane (C9)

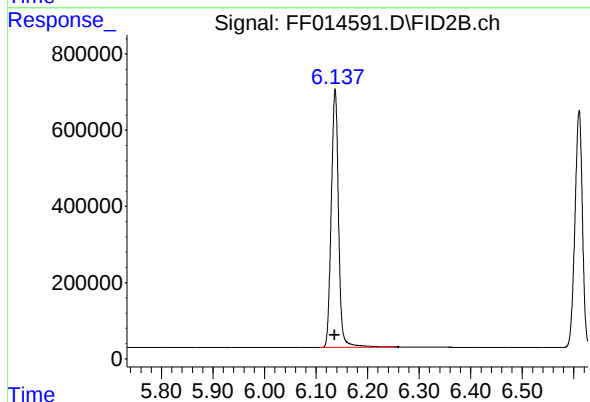
R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 6101377
Conc: 49.53 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



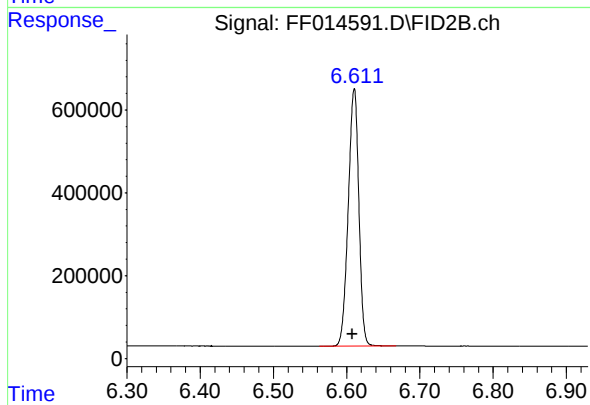
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: 0.002 min
Response: 6195992
Conc: 49.37 ug/ml



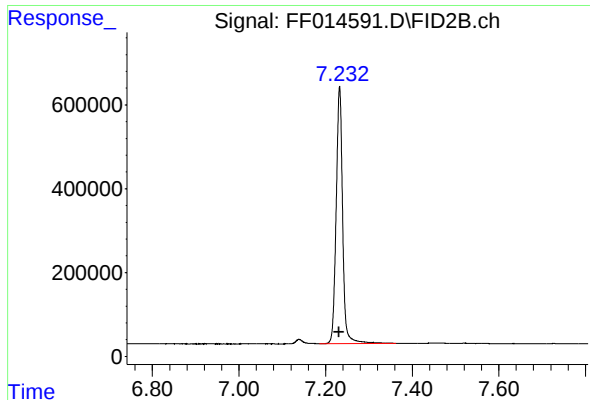
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 6653247
Conc: 49.69 ug/ml



#4 n-Dodecane (C12)

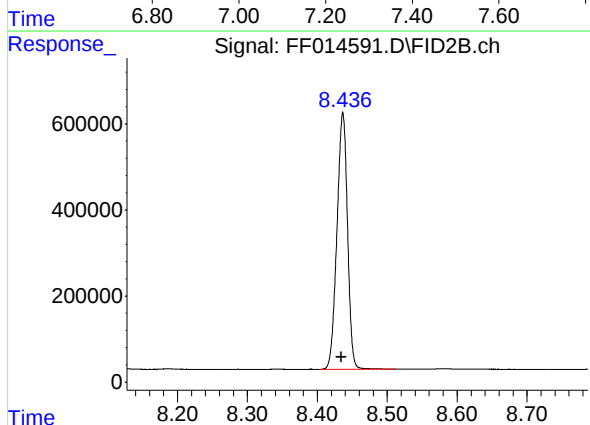
R.T.: 6.610 min
Delta R.T.: 0.003 min
Response: 6248694
Conc: 49.05 ug/ml



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

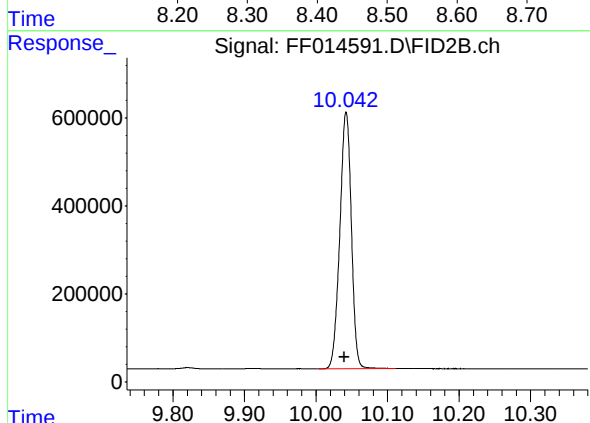
R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 6341203
Conc: 49.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



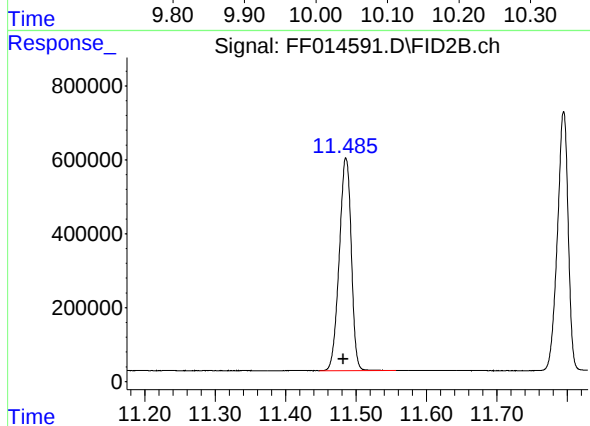
#6 n-Tetradecane (C14)

R.T.: 8.437 min
Delta R.T.: 0.002 min
Response: 6259665
Conc: 49.16 ug/ml



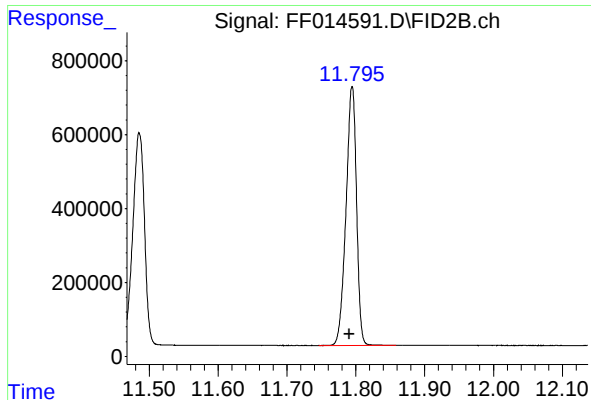
#7 n-Hexadecane (C16)

R.T.: 10.042 min
Delta R.T.: 0.002 min
Response: 6540343
Conc: 49.34 ug/ml



#8 n-Octadecane (C18)

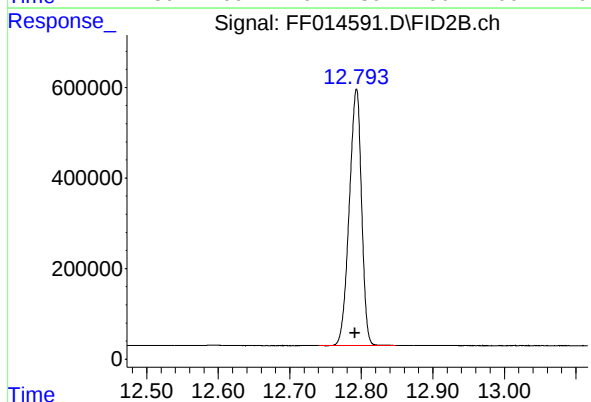
R.T.: 11.486 min
Delta R.T.: 0.004 min
Response: 6815464
Conc: 49.44 ug/ml



#9 ortho-Terphenyl (SURR)

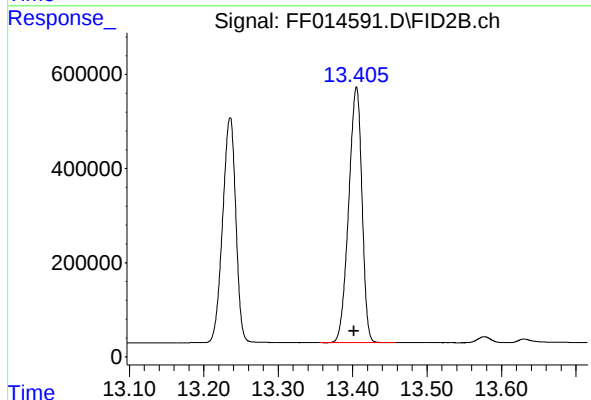
R.T.: 11.795 min
Delta R.T.: 0.004 min
Response: 7448224
Conc: 49.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



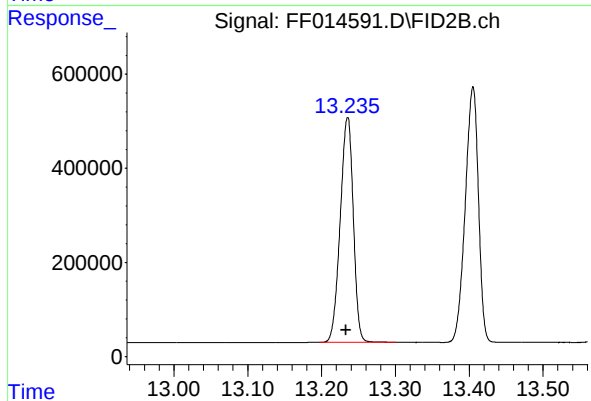
#10 n-Eicosane (C20)

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 6755784
Conc: 49.32 ug/ml



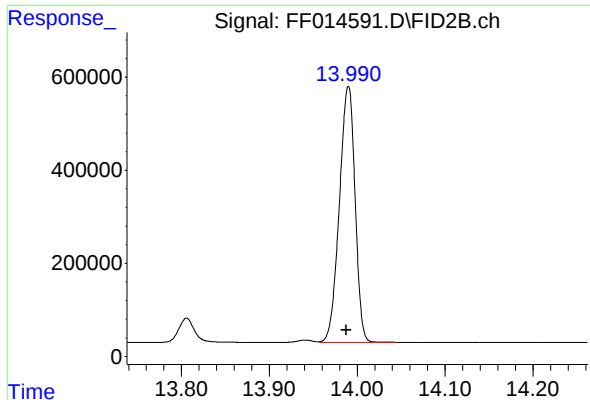
#11 n-Heneicosane (C21)

R.T.: 13.405 min
Delta R.T.: 0.003 min
Response: 6725595
Conc: 49.32 ug/ml



#12 1-chlorooctadecane (SURR)

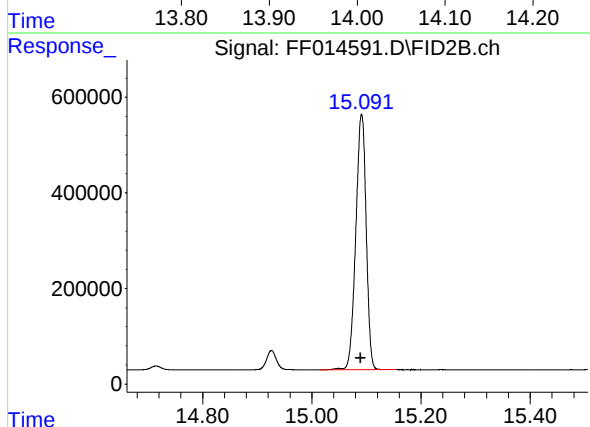
R.T.: 13.235 min
Delta R.T.: 0.002 min
Response: 5878712
Conc: 49.40 ug/ml



#13 n-Docosane (C22)

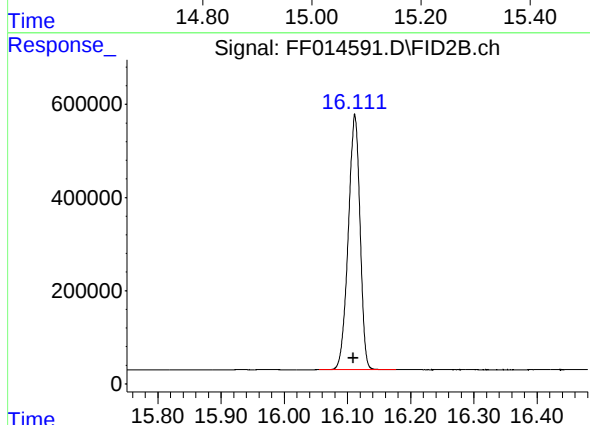
R.T.: 13.990 min
Delta R.T.: 0.003 min
Response: 6828720
Conc: 49.64 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



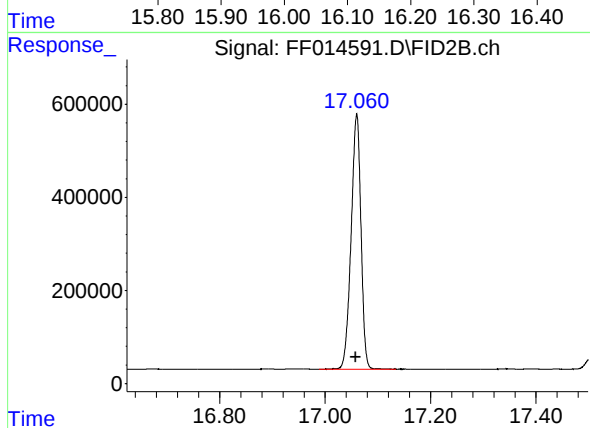
#14 n-Tetracosane (C24)

R.T.: 15.091 min
Delta R.T.: 0.002 min
Response: 7058534
Conc: 50.19 ug/ml



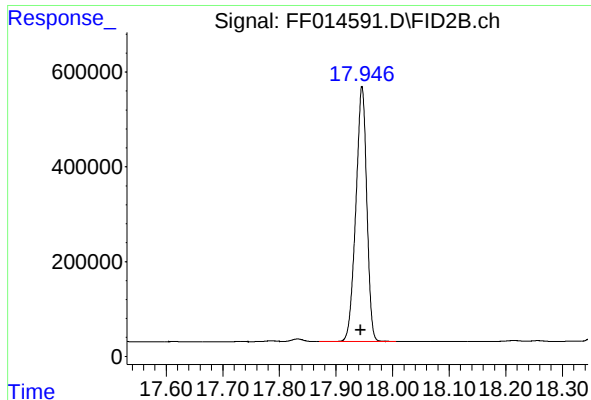
#15 n-Hexacosane (C26)

R.T.: 16.112 min
Delta R.T.: 0.003 min
Response: 7085635
Conc: 50.17 ug/ml



#16 n-Octacosane (C28)

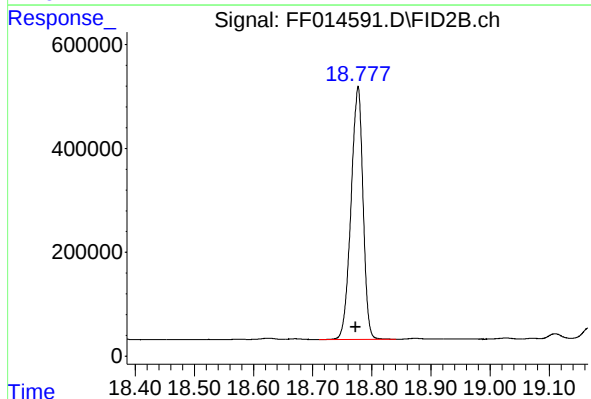
R.T.: 17.060 min
Delta R.T.: 0.002 min
Response: 7102886
Conc: 50.14 ug/ml



#17 n-Tricontane (C30)

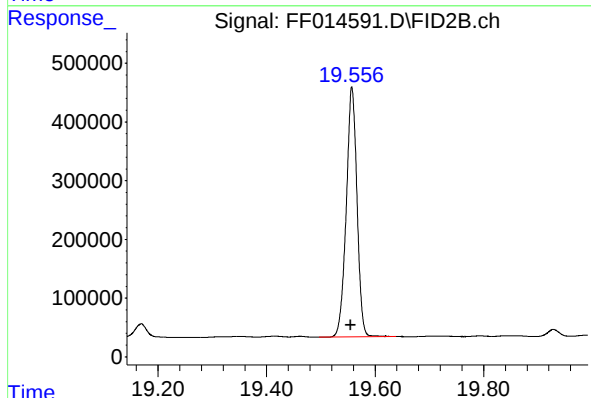
R.T.: 17.946 min
Delta R.T.: 0.002 min
Response: 7226084
Conc: 49.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



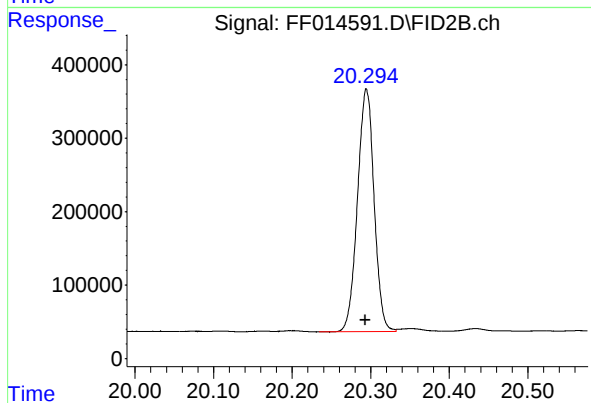
#18 n-Dotriacontane (C32)

R.T.: 18.777 min
Delta R.T.: 0.004 min
Response: 6866417
Conc: 48.63 ug/ml



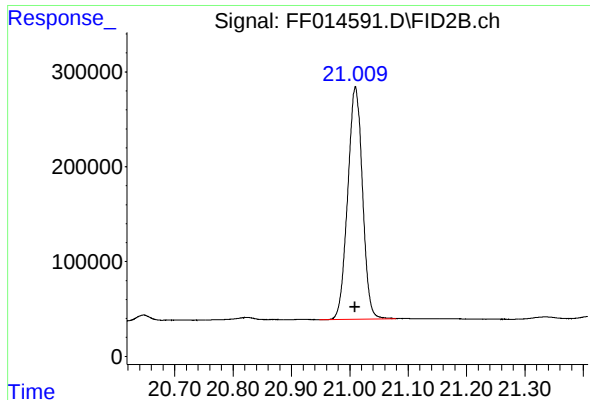
#19 n-Tetatriacontane (C34)

R.T.: 19.557 min
Delta R.T.: 0.002 min
Response: 5847421
Conc: 48.65 ug/ml



#20 n-Hexatriacontane (C36)

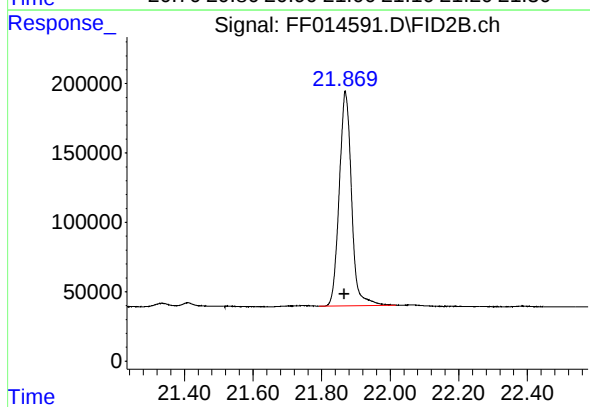
R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 4861347
Conc: 48.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: 0.000 min
Response: 4304448
Conc: 48.60 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.002 min
Response: 3835639
Conc: 47.83 ug/ml