

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071423AL\
 Data File : FG012390.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2023 19:09
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jul 15 01:14:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:14:50 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)	10.894	7486344	48.240 ug/ml
Spiked Amount 50.000		Recovery =	96.48%
12) S 1-chlorooctadecane (S...	12.331	5578159	48.260 ug/ml
Spiked Amount 50.000		Recovery =	96.52%
Target Compounds			
1) T n-Nonane (C9)	2.738	5974298	48.275 ug/ml
2) T n-Decane (C10)	3.747	6114724	48.248 ug/ml
3) T A~Naphthalene (C11.7)	5.312	6760507	48.379 ug/ml
4) T n-Dodecane (C12)	5.737	6187135	48.240 ug/ml
5) T A~2-methylnaphthalene...	6.363	6475520	48.392 ug/ml
6) T n-Tetradecane (C14)	7.531	6208875	48.420 ug/ml
7) T n-Hexadecane (C16)	9.133	6502306	48.316 ug/ml
8) T n-Octadecane (C18)	10.577	6682222	48.253 ug/ml
10) T n-Eicosane (C20)	11.886	6464964	48.152 ug/ml
11) T n-Heneicosane (C21)	12.499	6344534	48.208 ug/ml
13) T n-Docosane (C22)	13.085	6287596	48.020 ug/ml
14) T n-Tetracosane (C24)	14.189	6294289	47.295 ug/ml
15) T n-Hexacosane (C26)	15.212	5957408	47.417 ug/ml
16) T n-Octacosane (C28)	16.162	5816074	47.234 ug/ml
17) T n-Tricontane (C30)	17.050	5935371	47.188 ug/ml
18) T n-Dotriacontane (C32)	17.883	5878218	47.198 ug/ml
19) T n-Tetratriacontane (C34)	18.669	5791113	47.739 ug/ml
20) T n-Hexatriacontane (C36)	19.410	5692040	48.021 ug/ml
21) T n-Octatriacontane (C38)	20.144	5653592	48.435 ug/ml
22) T n-Tetracontane (C40)	21.053	5457940	47.835 ug/ml

(f)=RT Delta > 1/2 Window

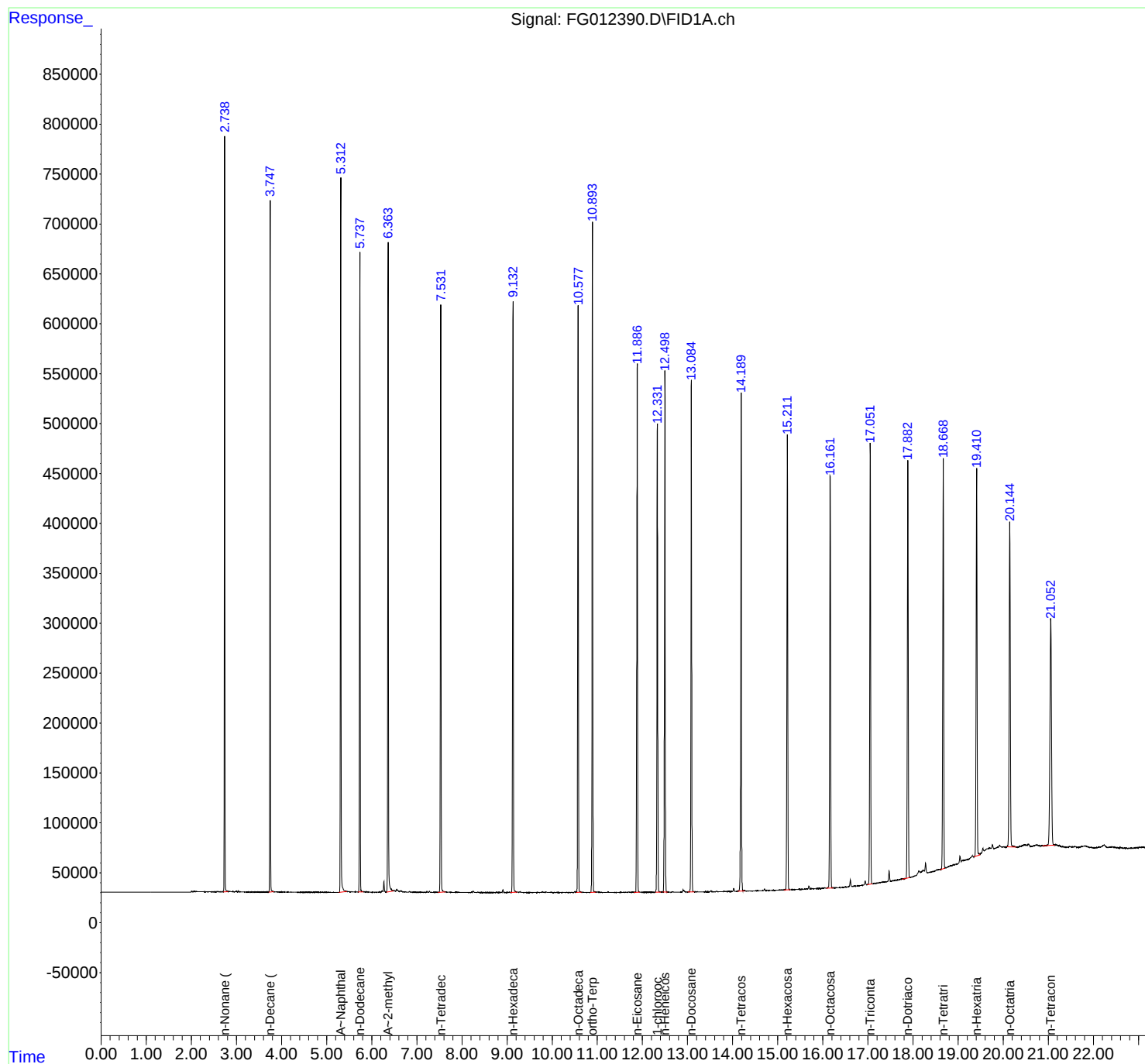
(m)=manual int.

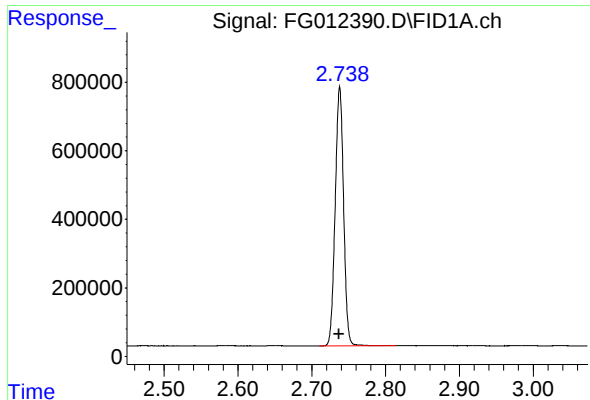
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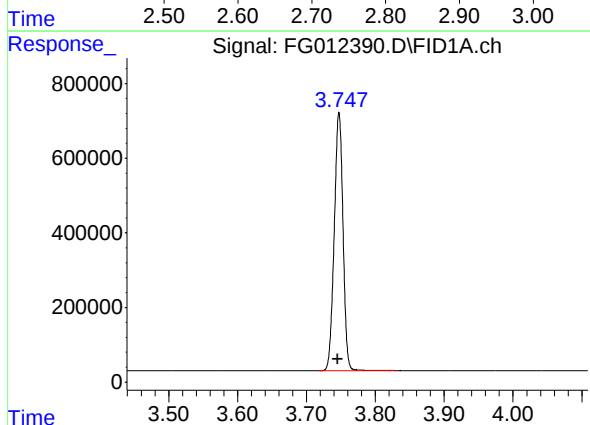




#1 n-Nonane (C9)

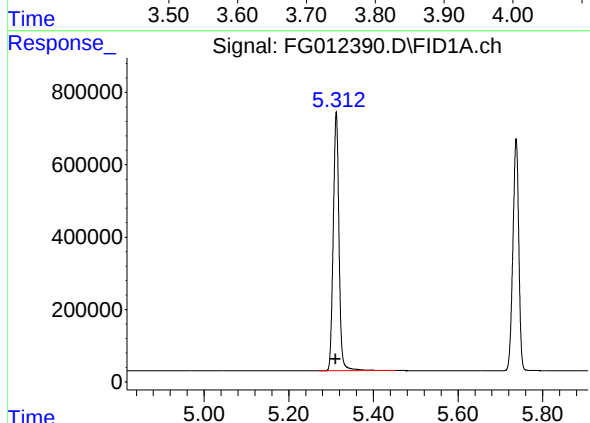
R.T.: 2.738 min
Delta R.T.: 0.000 min
Response: 5974298
Conc: 48.28 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



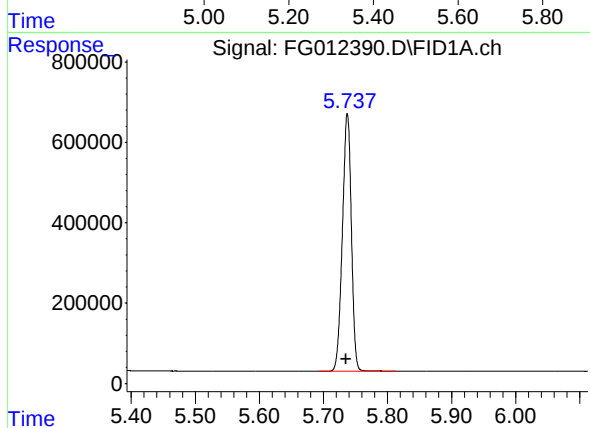
#2 n-Decane (C10)

R.T.: 3.747 min
Delta R.T.: 0.002 min
Response: 6114724
Conc: 48.25 ug/ml



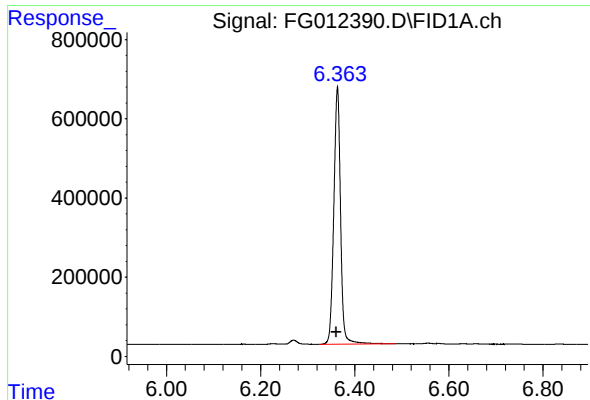
#3 A~Naphthalene (C11.7)

R.T.: 5.312 min
Delta R.T.: 0.001 min
Response: 6760507
Conc: 48.38 ug/ml



#4 n-Dodecane (C12)

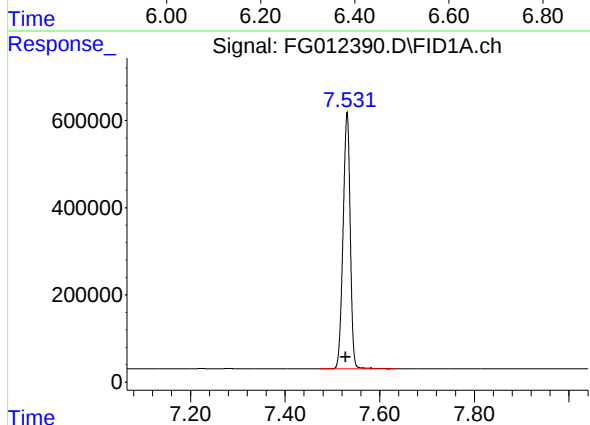
R.T.: 5.737 min
Delta R.T.: 0.002 min
Response: 6187135
Conc: 48.24 ug/ml



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

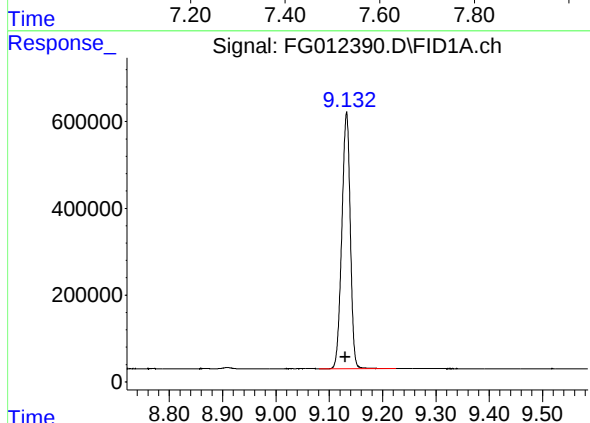
R.T.: 6.363 min
Delta R.T.: 0.002 min
Response: 6475520
Conc: 48.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



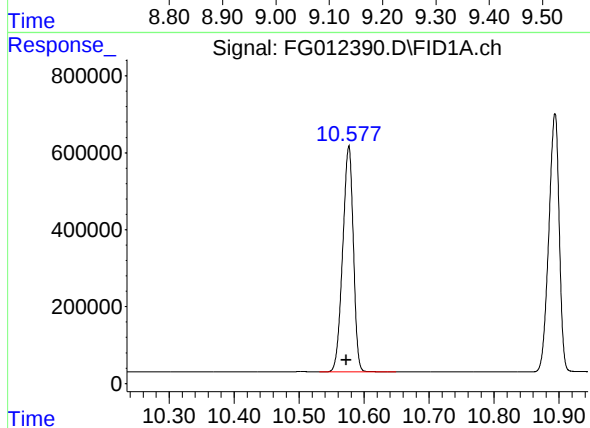
#6 n-Tetradecane (C14)

R.T.: 7.531 min
Delta R.T.: 0.003 min
Response: 6208875
Conc: 48.42 ug/ml



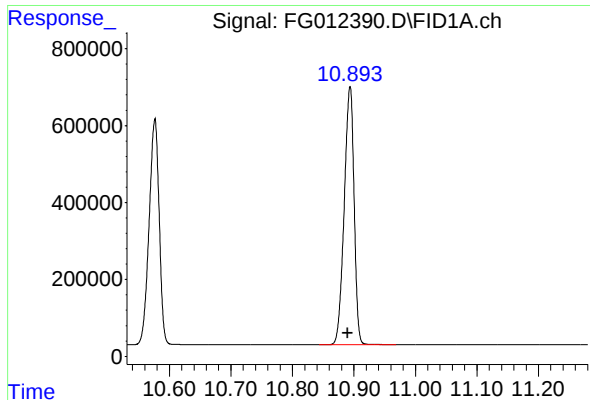
#7 n-Hexadecane (C16)

R.T.: 9.133 min
Delta R.T.: 0.002 min
Response: 6502306
Conc: 48.32 ug/ml



#8 n-Octadecane (C18)

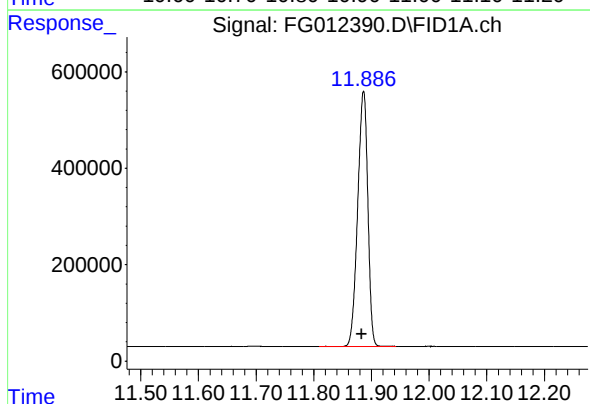
R.T.: 10.577 min
Delta R.T.: 0.004 min
Response: 6682222
Conc: 48.25 ug/ml



#9 ortho-Terphenyl (SURR)

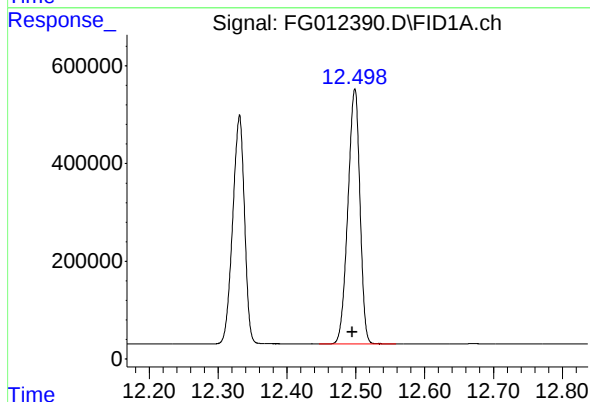
R.T.: 10.894 min
Delta R.T.: 0.004 min
Response: 7486344
Conc: 48.24 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



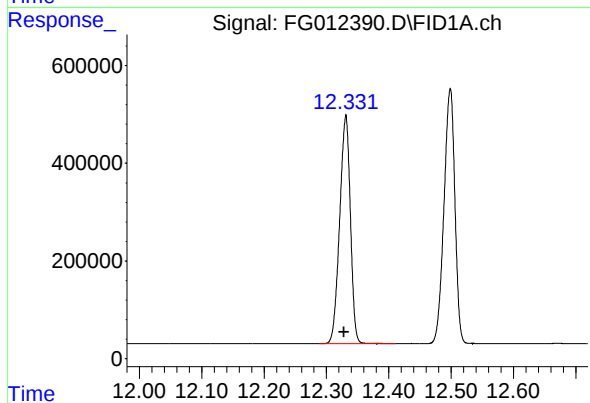
#10 n-Eicosane (C20)

R.T.: 11.886 min
Delta R.T.: 0.003 min
Response: 6464964
Conc: 48.15 ug/ml



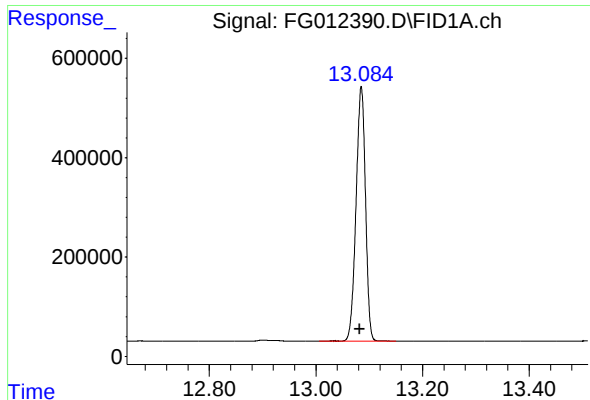
#11 n-Heneicosane (C21)

R.T.: 12.499 min
Delta R.T.: 0.004 min
Response: 6344534
Conc: 48.21 ug/ml



#12 1-chlorooctadecane (SURR)

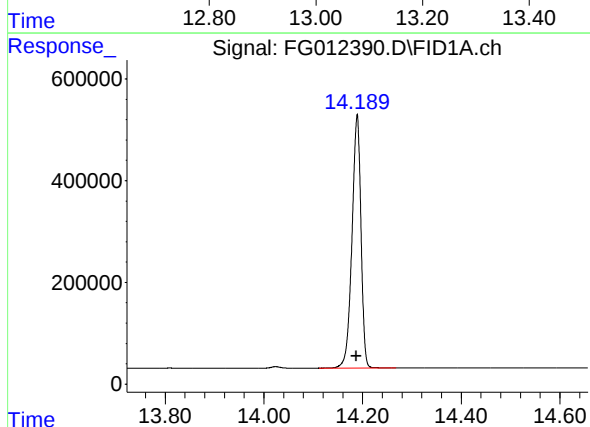
R.T.: 12.331 min
Delta R.T.: 0.003 min
Response: 5578159
Conc: 48.26 ug/ml



#13 n-Docosane (C22)

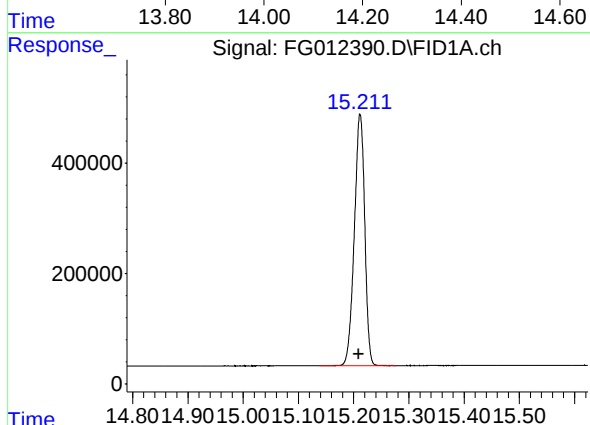
R.T.: 13.085 min
Delta R.T.: 0.003 min
Response: 6287596
Conc: 48.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



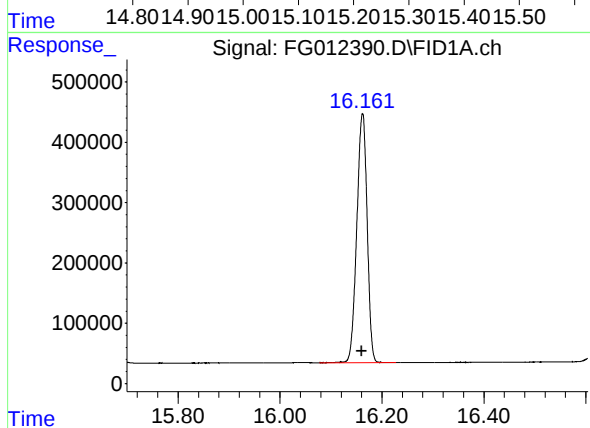
#14 n-Tetracosane (C24)

R.T.: 14.189 min
Delta R.T.: 0.002 min
Response: 6294289
Conc: 47.29 ug/ml



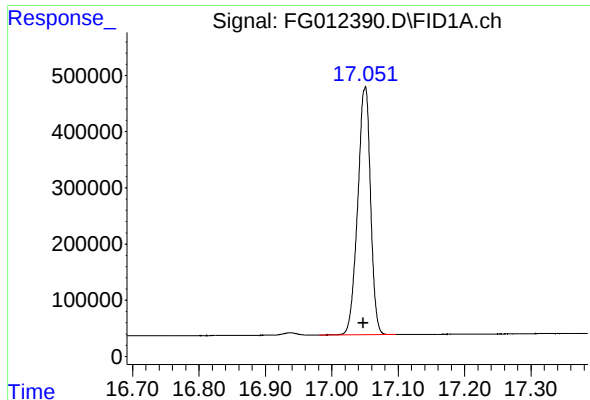
#15 n-Hexacosane (C26)

R.T.: 15.212 min
Delta R.T.: 0.002 min
Response: 5957408
Conc: 47.42 ug/ml



#16 n-Octacosane (C28)

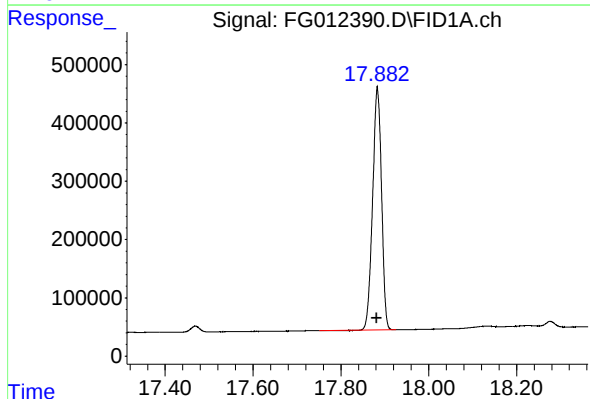
R.T.: 16.162 min
Delta R.T.: 0.002 min
Response: 5816074
Conc: 47.23 ug/ml



#17 n-Tricontane (C30)

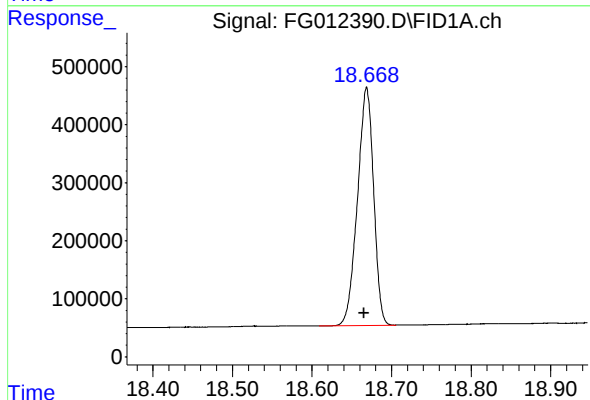
R.T.: 17.050 min
Delta R.T.: 0.003 min
Response: 5935371
Conc: 47.19 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



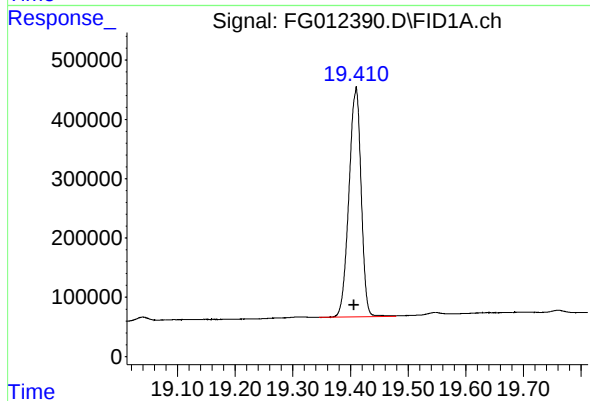
#18 n-Dotriacontane (C32)

R.T.: 17.883 min
Delta R.T.: 0.002 min
Response: 5878218
Conc: 47.20 ug/ml



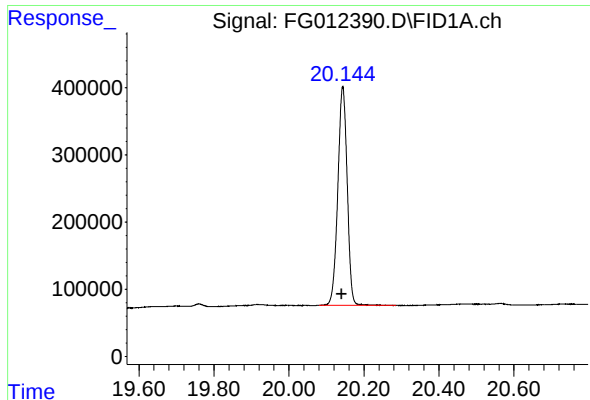
#19 n-Tetratriacontane (C34)

R.T.: 18.669 min
Delta R.T.: 0.003 min
Response: 5791113
Conc: 47.74 ug/ml



#20 n-Hexatriacontane (C36)

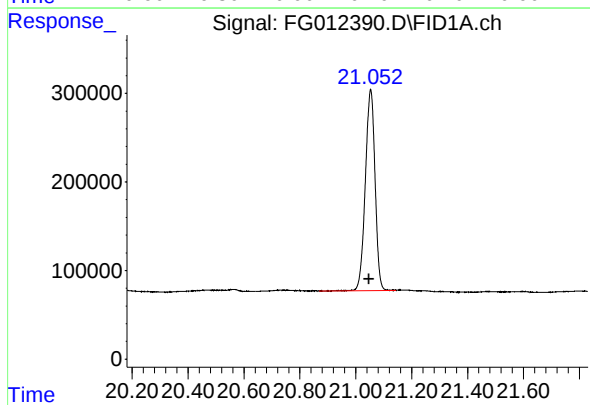
R.T.: 19.410 min
Delta R.T.: 0.004 min
Response: 5692040
Conc: 48.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.144 min
Delta R.T.: 0.003 min
Response: 5653592
Conc: 48.44 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 21.053 min
Delta R.T.: 0.006 min
Response: 5457940
Conc: 47.83 ug/ml