

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
 Data File : FG012240.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 12:25
 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: Jun 20 13:24:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 13:24:32 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)	10.907	7277282	47.961 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
12) S 1-chlorooctadecane (S...	12.344	5440349	47.975 ug/ml
Spiked Amount 50.000		Recovery =	95.95%
Target Compounds			
1) T n-Nonane (C9)	2.747	5718203	48.145 ug/ml
2) T n-Decane (C10)	3.757	5891199	48.179 ug/ml
3) T A~Naphthalene (C11.7)	5.325	6706010	48.184 ug/ml
4) T n-Dodecane (C12)	5.748	6056062	48.239 ug/ml
5) T A~2-methylnaphthalene...	6.376	6491505	48.230 ug/ml
6) T n-Tetradecane (C14)	7.542	6133963	48.312 ug/ml
7) T n-Hexadecane (C16)	9.145	6443424	48.109 ug/ml
8) T n-Octadecane (C18)	10.589	6576239	47.940 ug/ml
10) T n-Eicosane (C20)	11.899	6316006	47.769 ug/ml
11) T n-Heneicosane (C21)	12.511	6165308	47.859 ug/ml
13) T n-Docosane (C22)	13.098	6078437	47.231 ug/ml
14) T n-Tetracosane (C24)	14.203	6021311	45.497 ug/ml
15) T n-Hexacosane (C26)	15.225	5737955	45.154 ug/ml
16) T n-Octacosane (C28)	16.176	5599911	44.577 ug/ml
17) T n-Tricontane (C30)	17.064	5665689	44.013 ug/ml
18) T n-Dotriacontane (C32)	17.897	5598315	44.299 ug/ml
19) T n-Tetratriacontane (C34)	18.683	5536871	45.852 ug/ml
20) T n-Hexatriacontane (C36)	19.425	5403491	46.633 ug/ml
21) T n-Octatriacontane (C38)	20.163	5412315	47.396 ug/ml
22) T n-Tetracontane (C40)	21.078	5378816	47.681 ug/ml

(f)=RT Delta > 1/2 Window

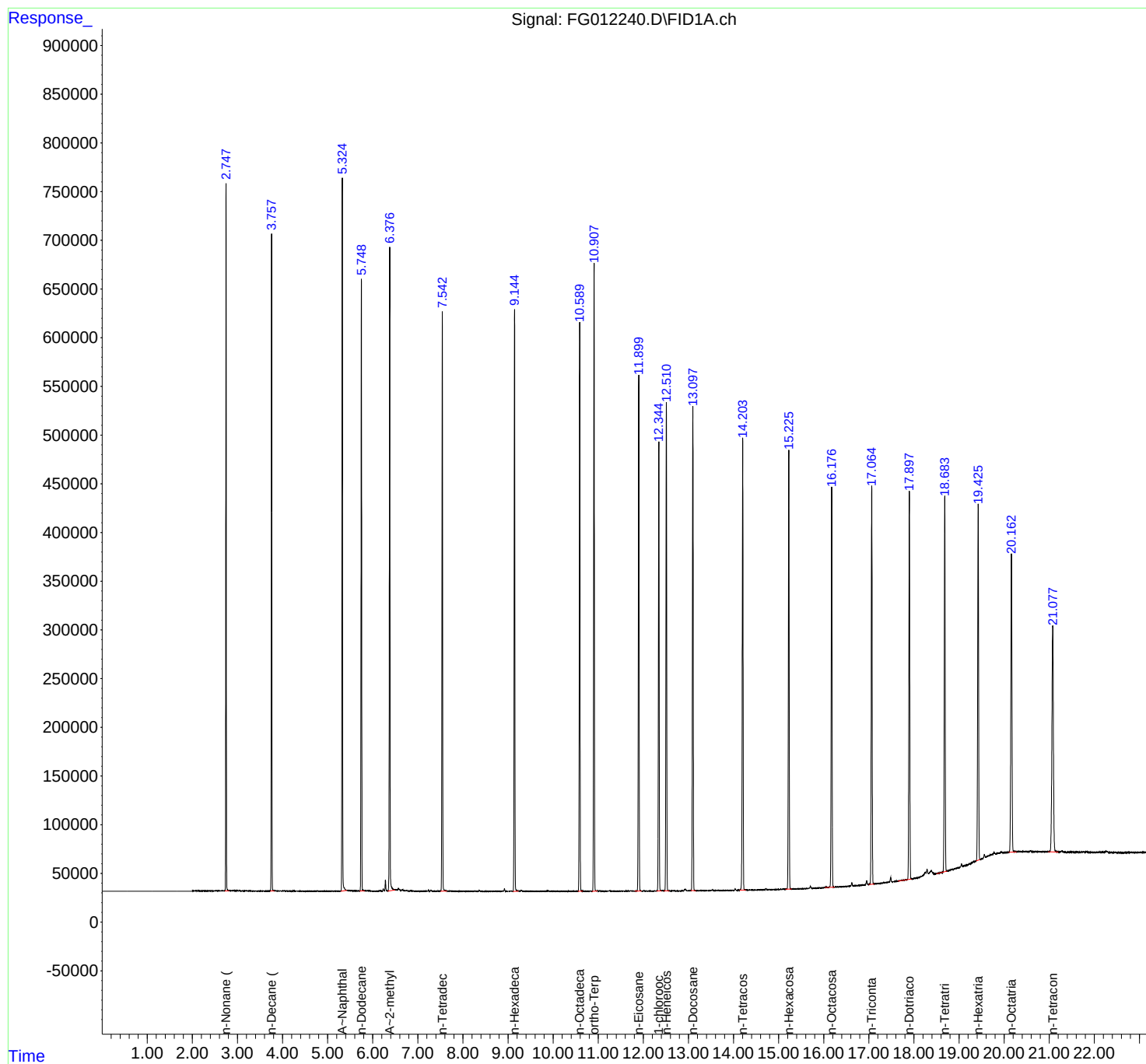
(m)=manual int.

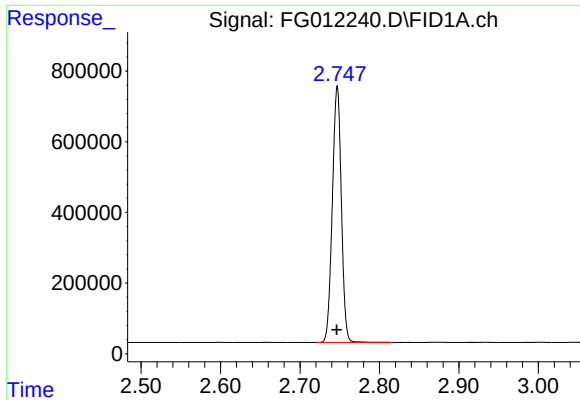
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062023AL\
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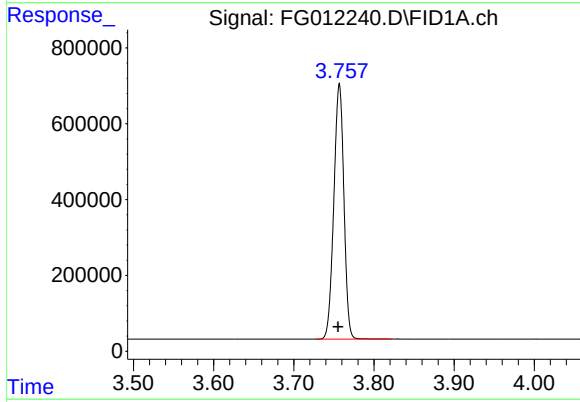




#1 n-Nonane (C9)

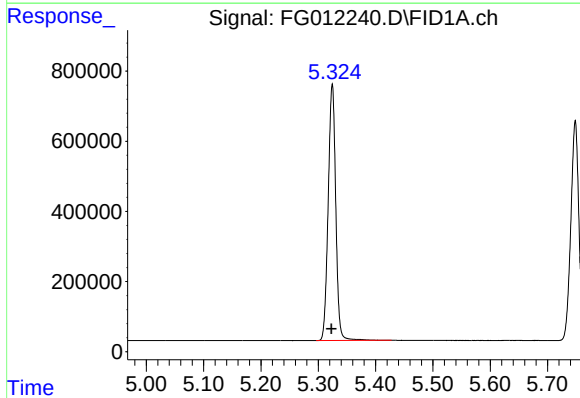
R.T.: 2.747 min
Delta R.T.: 0.000 min
Response: 5718203
Conc: 48.14 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



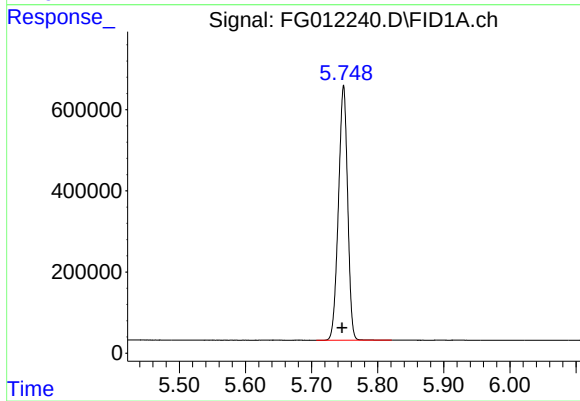
#2 n-Decane (C10)

R.T.: 3.757 min
Delta R.T.: 0.001 min
Response: 5891199
Conc: 48.18 ug/ml



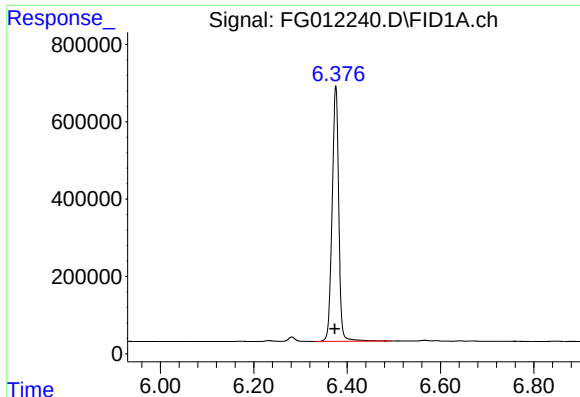
#3 A~Naphthalene (C11.7)

R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 6706010
Conc: 48.18 ug/ml



#4 n-Dodecane (C12)

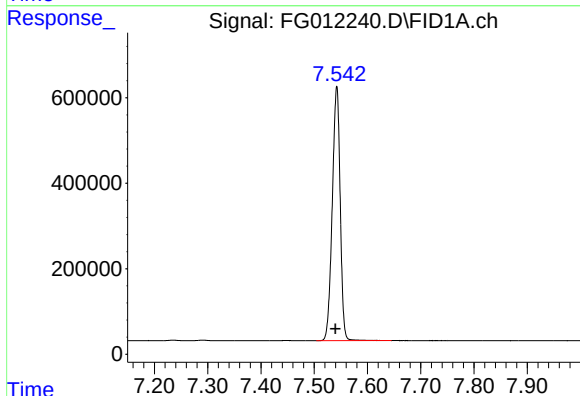
R.T.: 5.748 min
Delta R.T.: 0.002 min
Response: 6056062
Conc: 48.24 ug/ml



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

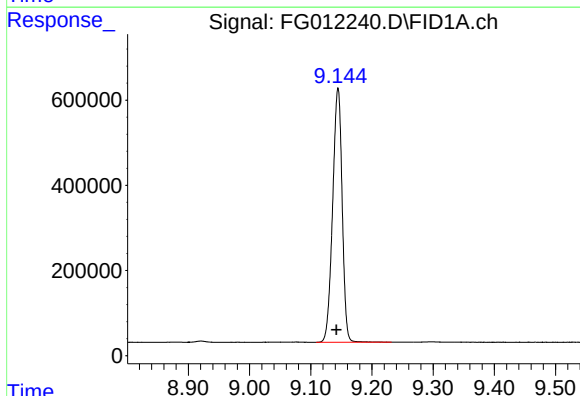
R.T.: 6.376 min
Delta R.T.: 0.003 min
Response: 6491505
Conc: 48.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



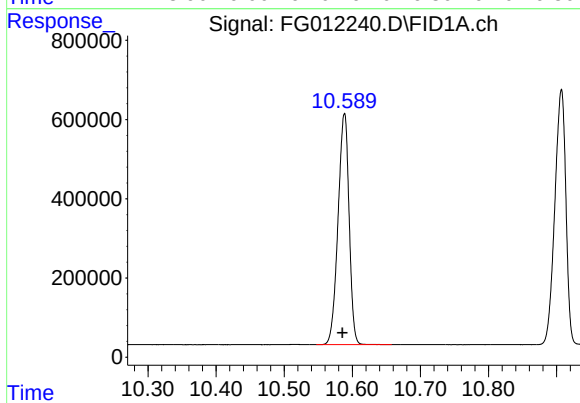
#6 n-Tetradecane (C14)

R.T.: 7.542 min
Delta R.T.: 0.003 min
Response: 6133963
Conc: 48.31 ug/ml



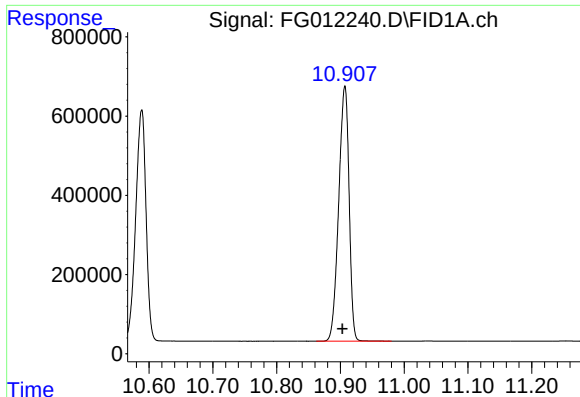
#7 n-Hexadecane (C16)

R.T.: 9.145 min
Delta R.T.: 0.003 min
Response: 6443424
Conc: 48.11 ug/ml



#8 n-Octadecane (C18)

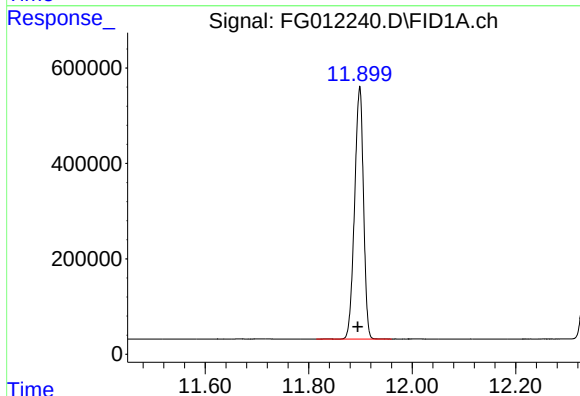
R.T.: 10.589 min
Delta R.T.: 0.003 min
Response: 6576239
Conc: 47.94 ug/ml



#9 ortho-Terphenyl (SURR)

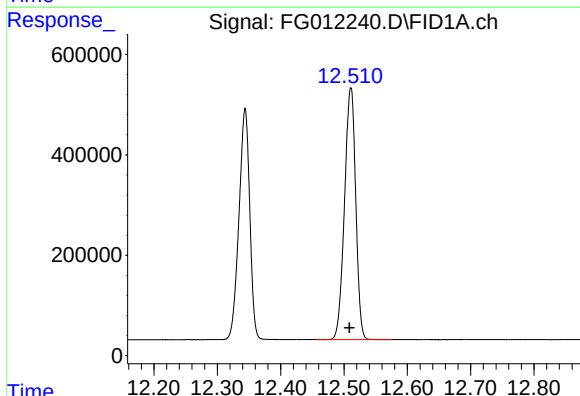
R.T.: 10.907 min
Delta R.T.: 0.004 min
Response: 7277282
Conc: 47.96 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



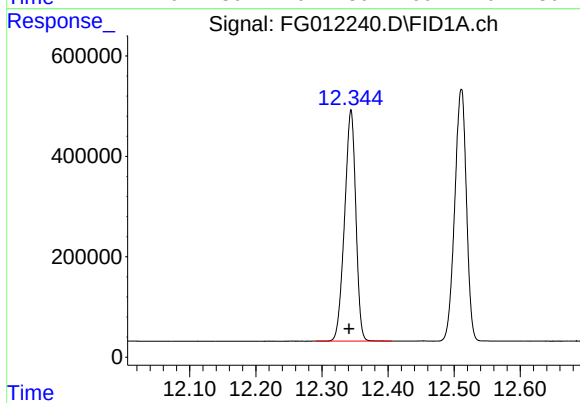
#10 n-Eicosane (C20)

R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 6316006
Conc: 47.77 ug/ml



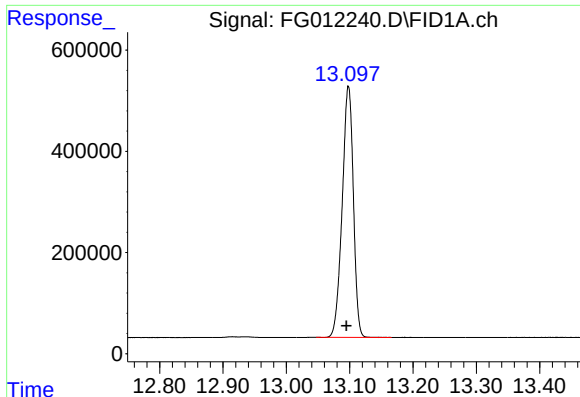
#11 n-Heneicosane (C21)

R.T.: 12.511 min
Delta R.T.: 0.002 min
Response: 6165308
Conc: 47.86 ug/ml



#12 1-chlorooctadecane (SURR)

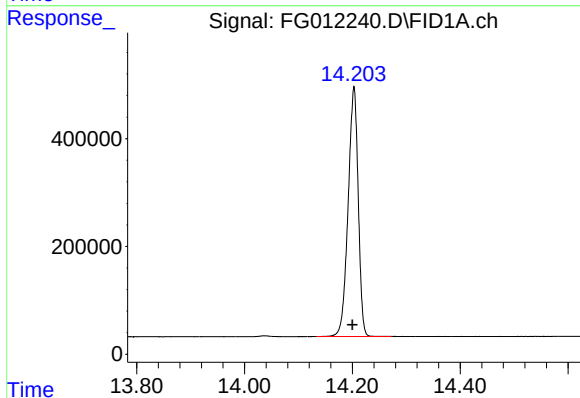
R.T.: 12.344 min
Delta R.T.: 0.003 min
Response: 5440349
Conc: 47.97 ug/ml



#13 n-Docosane (C22)

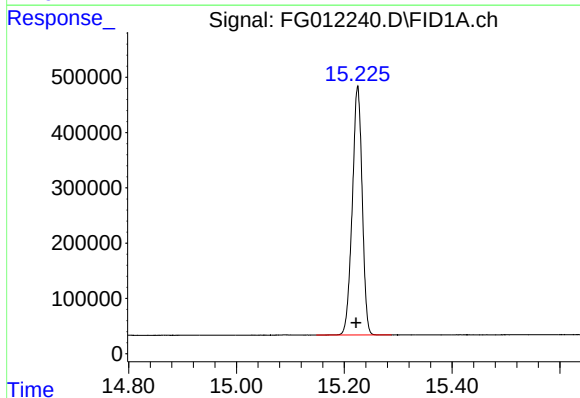
R.T.: 13.098 min
Delta R.T.: 0.003 min
Response: 6078437
Conc: 47.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



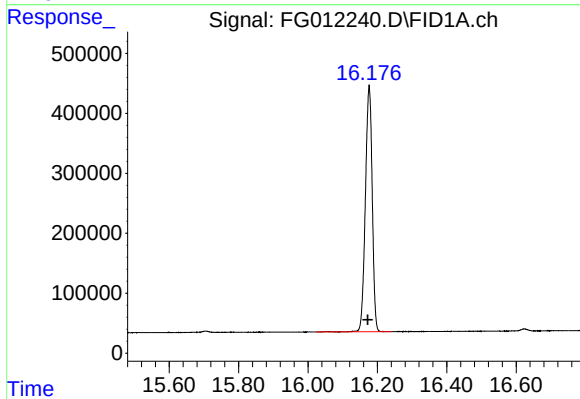
#14 n-Tetracosane (C24)

R.T.: 14.203 min
Delta R.T.: 0.003 min
Response: 6021311
Conc: 45.50 ug/ml



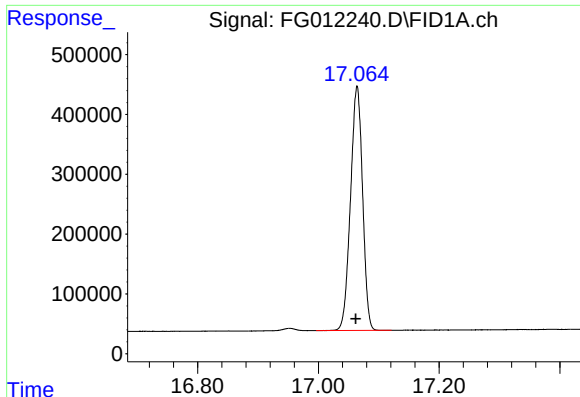
#15 n-Hexacosane (C26)

R.T.: 15.225 min
Delta R.T.: 0.003 min
Response: 5737955
Conc: 45.15 ug/ml



#16 n-Octacosane (C28)

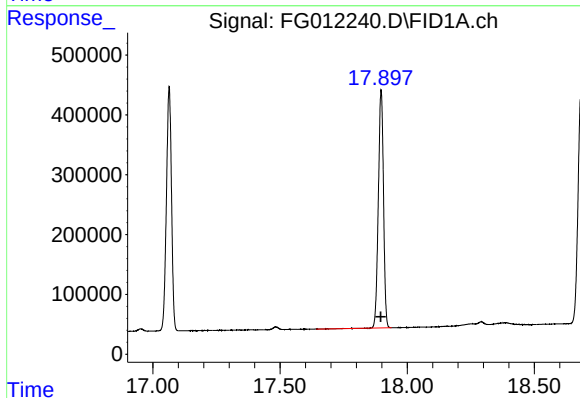
R.T.: 16.176 min
Delta R.T.: 0.004 min
Response: 5599911
Conc: 44.58 ug/ml



#17 n-Tricontane (C30)

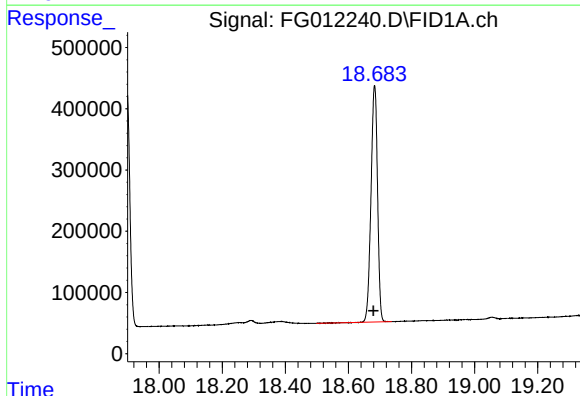
R.T.: 17.064 min
Delta R.T.: 0.002 min
Response: 5665689
Conc: 44.01 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



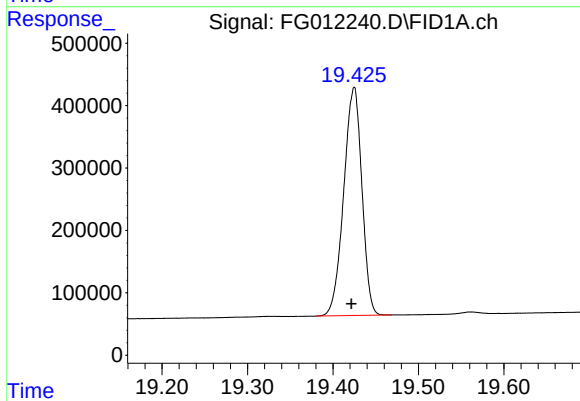
#18 n-Dotriacontane (C32)

R.T.: 17.897 min
Delta R.T.: 0.002 min
Response: 5598315
Conc: 44.30 ug/ml



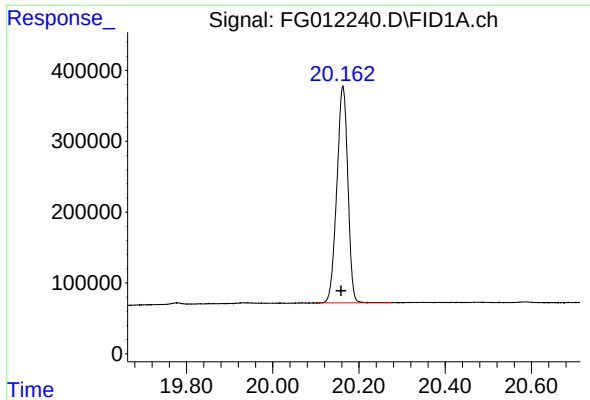
#19 n-Tetratriacontane (C34)

R.T.: 18.683 min
Delta R.T.: 0.004 min
Response: 5536871
Conc: 45.85 ug/ml



#20 n-Hexatriacontane (C36)

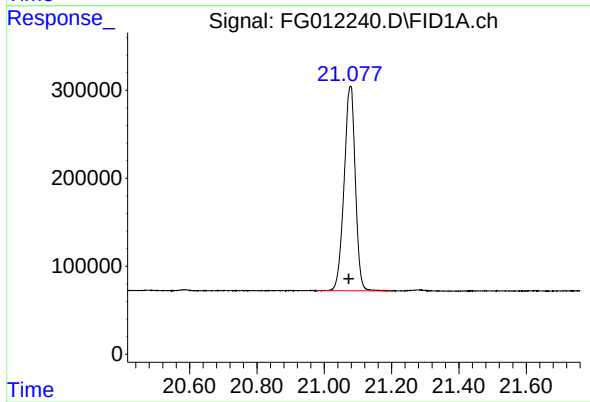
R.T.: 19.425 min
Delta R.T.: 0.003 min
Response: 5403491
Conc: 46.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.163 min
Delta R.T.: 0.004 min
Response: 5412315
Conc: 47.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.078 min
Delta R.T.: 0.006 min
Response: 5378816
Conc: 47.68 ug/ml