

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322\
 Data File : FG009705.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 11:27
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 03 13:55:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 13:53:42 2022
 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)	10.845	14455425	95.703 ug/ml
Spiked Amount 50.000		Recovery =	191.41%
12) S 1-chlorooctadecane (S...	12.292	11597466	95.778 ug/ml
Spiked Amount 50.000		Recovery =	191.56%
Target Compounds			
1) T n-Nonane (C9)	2.669	12143428	97.486 ug/ml
2) T n-Decane (C10)	3.681	12066918	99.215 ug/ml
3) T A~Naphthalene (C11.7)	5.242	13486757	97.713 ug/ml
4) T n-Dodecane (C12)	5.681	12433939	98.498 ug/ml
5) T A~2-methylnaphthalene...	6.297	13711247	100.477 ug/ml
6) T n-Tetradecane (C14)	7.479	12627014	99.741 ug/ml
7) T n-Hexadecane (C16)	9.086	12882408	98.887 ug/ml
8) T n-Octadecane (C18)	10.535	13179575	96.103 ug/ml
10) T n-Eicosane (C20)	11.849	13197975	95.687 ug/ml
11) T n-Heneicosane (C21)	12.464	13317314	95.465 ug/ml
13) T n-Docosane (C22)	13.053	13354885	95.431 ug/ml
14) T n-Tetracosane (C24)	14.162	13410337	95.346 ug/ml
15) T n-Hexacosane (C26)	15.186	13334592	95.452 ug/ml
16) T n-Octacosane (C28)	16.140	13173332	95.073 ug/ml
17) T n-Tricontane (C30)	17.032	12763980	94.217 ug/ml
18) T n-Dotriacontane (C32)	17.865	11851116	93.680 ug/ml
19) T n-Tetratriacontane (C34)	18.652	10622619	92.996 ug/ml
20) T n-Hexatriacontane (C36)	19.393	9153390	91.893 ug/ml
21) T n-Octatriacontane (C38)	20.129	7941002	91.767 ug/ml
22) T n-Tetracontane (C40)	21.041	7309100	91.725 ug/ml

(f)=RT Delta > 1/2 Window

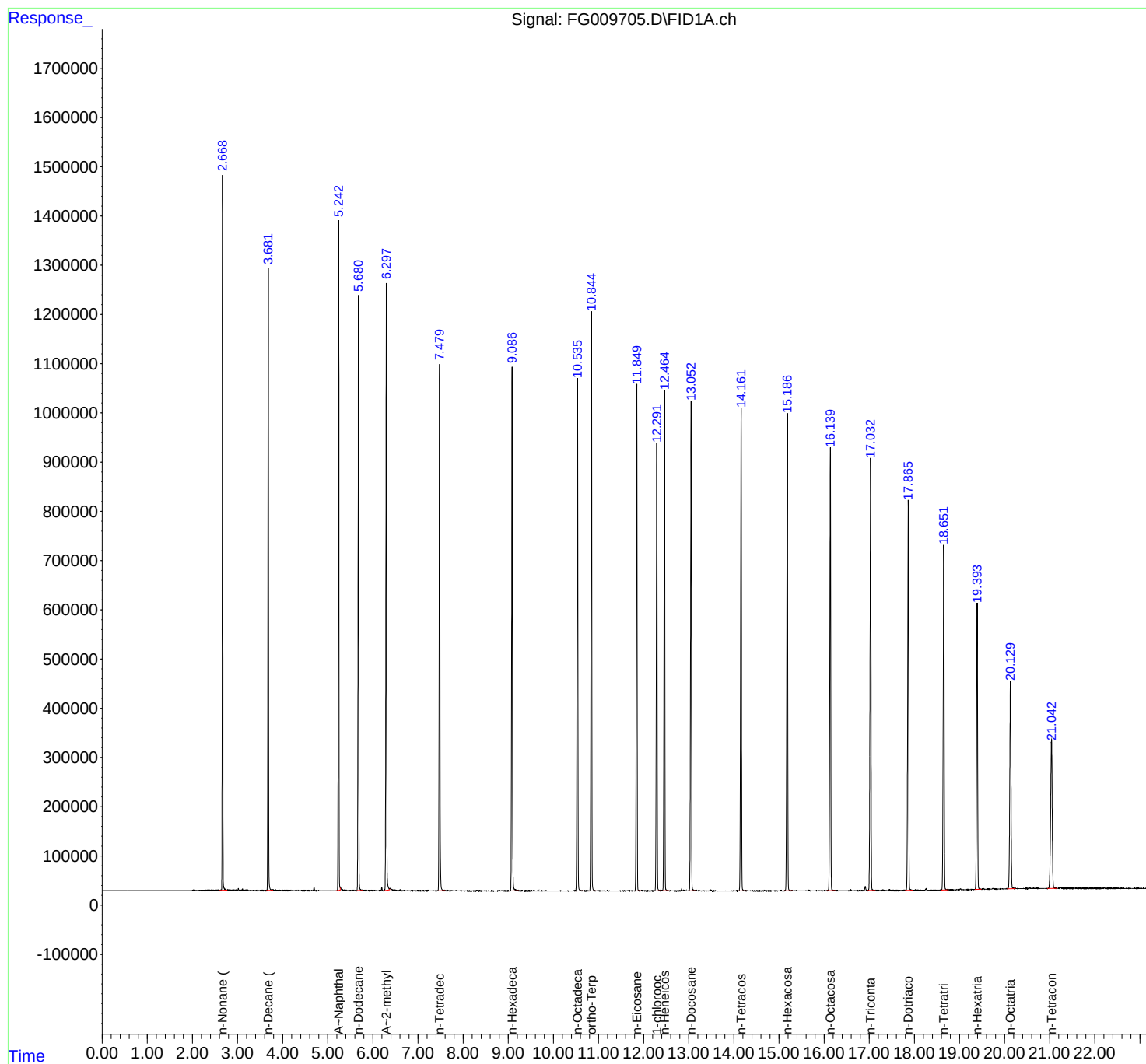
(m)=manual int.

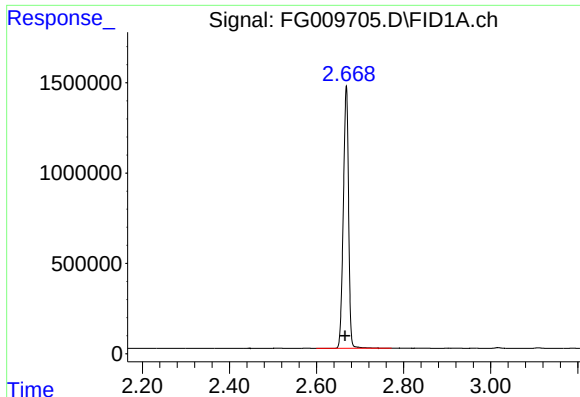
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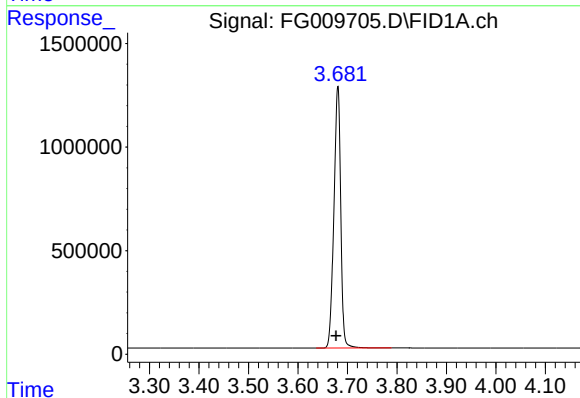




#1 n-Nonane (C9)

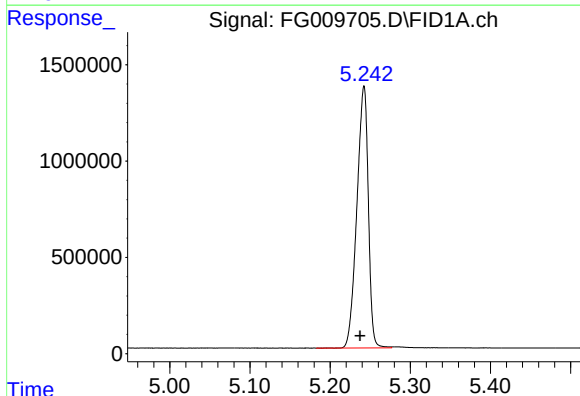
R.T.: 2.669 min
Delta R.T.: 0.003 min
Response: 12143428
Conc: 97.49 ug/ml

Instrument :
FID_G
ClientSampleId :



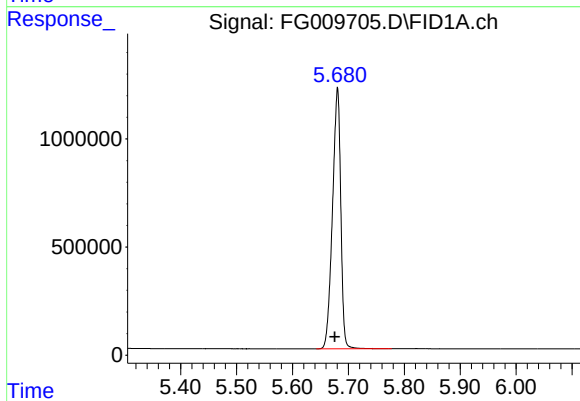
#2 n-Decane (C10)

R.T.: 3.681 min
Delta R.T.: 0.004 min
Response: 12066918
Conc: 99.22 ug/ml



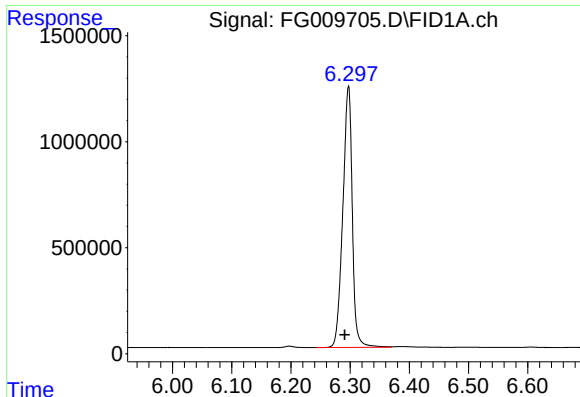
#3 A~Naphthalene (C11.7)

R.T.: 5.242 min
Delta R.T.: 0.005 min
Response: 13486757
Conc: 97.71 ug/ml



#4 n-Dodecane (C12)

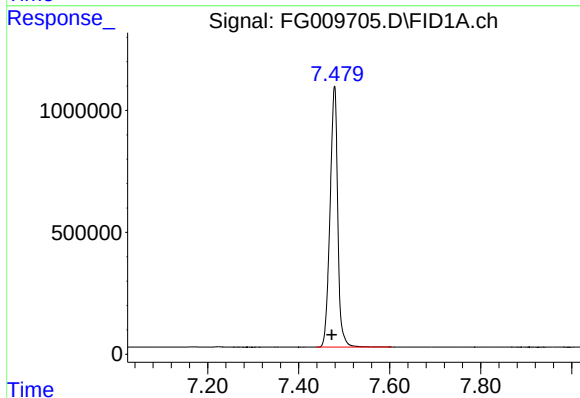
R.T.: 5.681 min
Delta R.T.: 0.005 min
Response: 12433939
Conc: 98.50 ug/ml



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

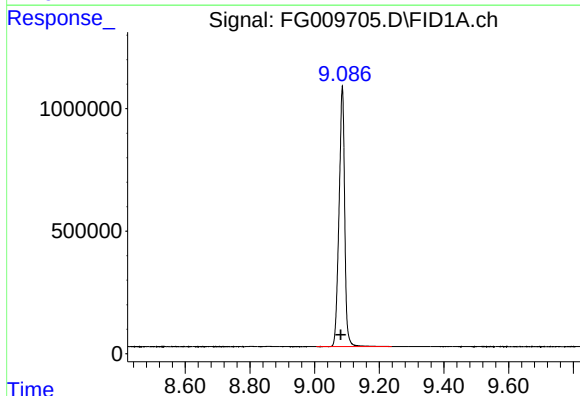
R.T.: 6.297 min
Delta R.T.: 0.007 min
Response: 13711247
Conc: 100.48 ug/ml

Instrument :
FID_G
ClientSampleId :



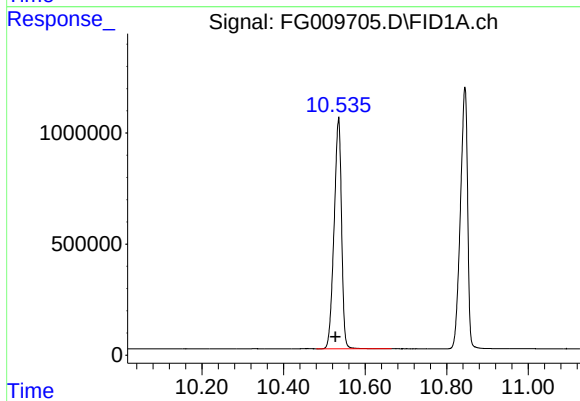
#6 n-Tetradecane (C14)

R.T.: 7.479 min
Delta R.T.: 0.006 min
Response: 12627014
Conc: 99.74 ug/ml



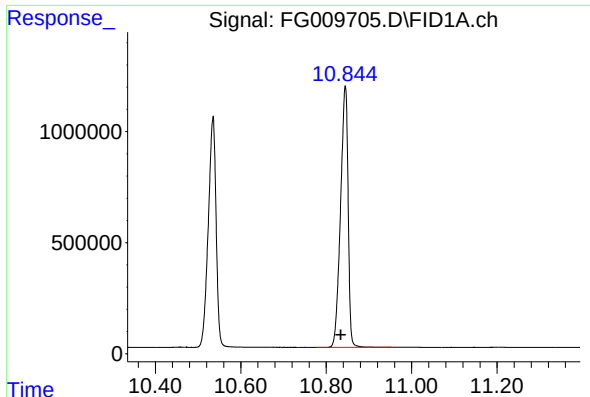
#7 n-Hexadecane (C16)

R.T.: 9.086 min
Delta R.T.: 0.005 min
Response: 12882408
Conc: 98.89 ug/ml



#8 n-Octadecane (C18)

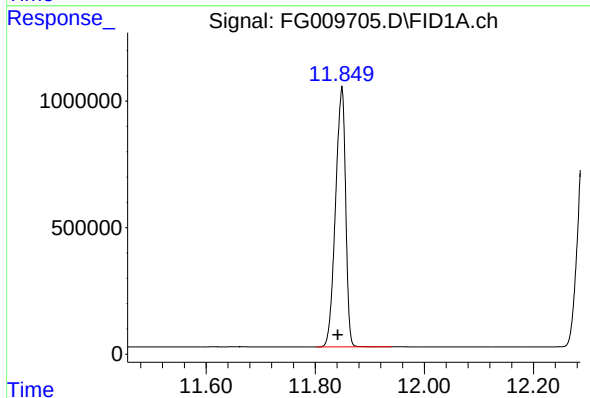
R.T.: 10.535 min
Delta R.T.: 0.008 min
Response: 13179575
Conc: 96.10 ug/ml



#9 ortho-Terphenyl (SURR)

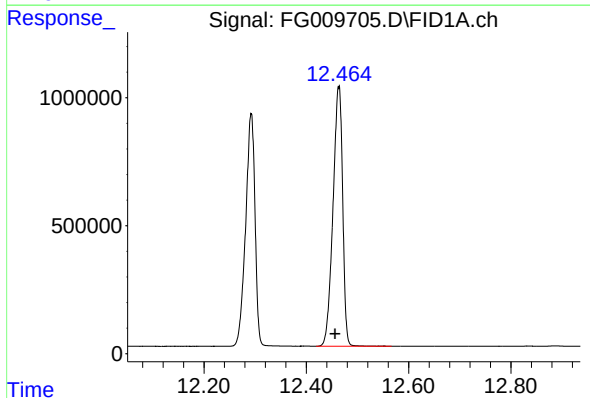
R.T.: 10.845 min
Delta R.T.: 0.011 min
Response: 14455425
Conc: 95.70 ug/ml

Instrument :
FID_G
ClientSampleId :



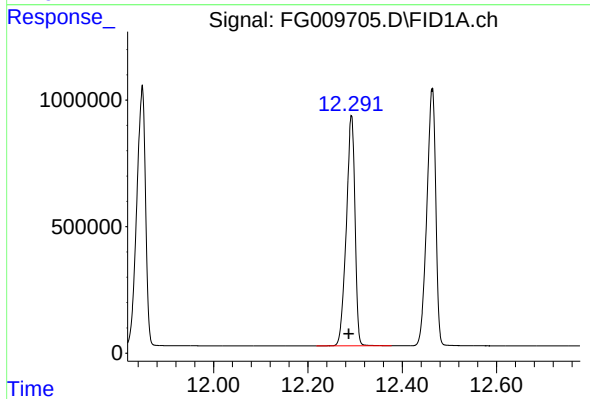
#10 n-Eicosane (C20)

R.T.: 11.849 min
Delta R.T.: 0.008 min
Response: 13197975
Conc: 95.69 ug/ml



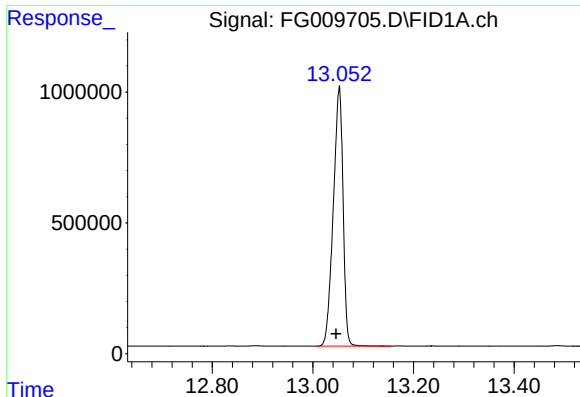
#11 n-Heneicosane (C21)

R.T.: 12.464 min
Delta R.T.: 0.007 min
Response: 13317314
Conc: 95.47 ug/ml



#12 1-chlorooctadecane (SURR)

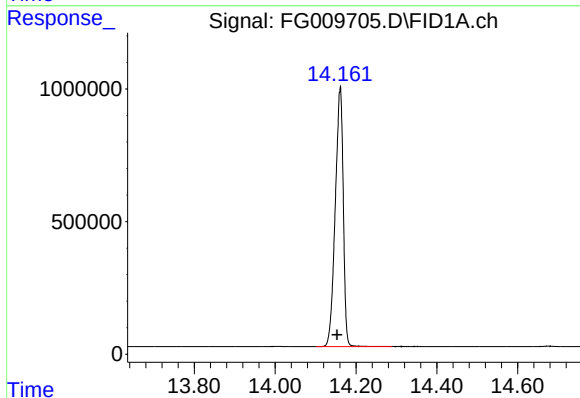
R.T.: 12.292 min
Delta R.T.: 0.006 min
Response: 11597466
Conc: 95.78 ug/ml



#13 n-Docosane (C22)

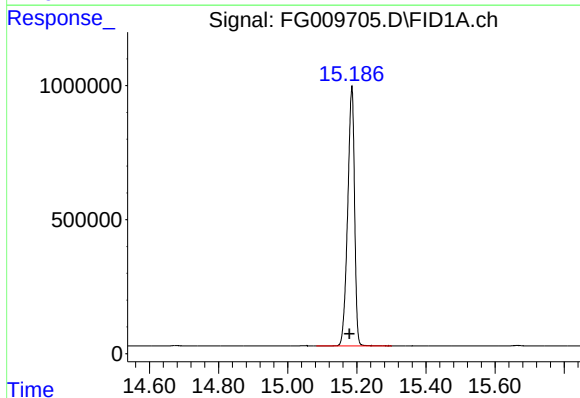
R.T.: 13.053 min
Delta R.T.: 0.007 min
Response: 13354885
Conc: 95.43 ug/ml

Instrument :
FID_G
ClientSampleId :



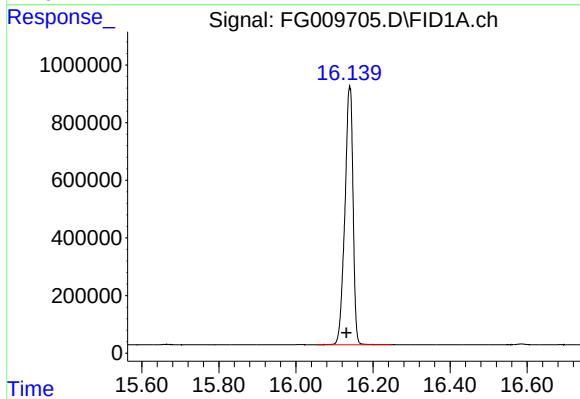
#14 n-Tetracosane (C24)

R.T.: 14.162 min
Delta R.T.: 0.008 min
Response: 13410337
Conc: 95.35 ug/ml



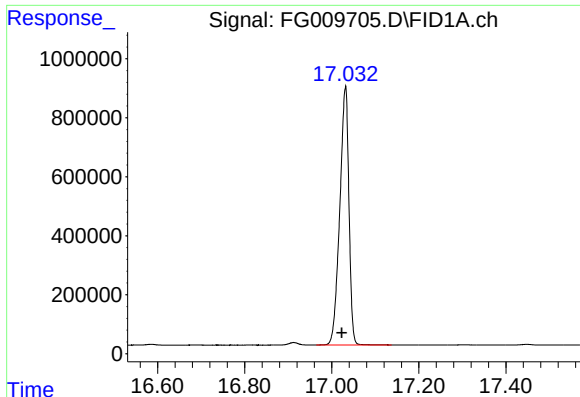
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.007 min
Response: 13334592
Conc: 95.45 ug/ml



#16 n-Octacosane (C28)

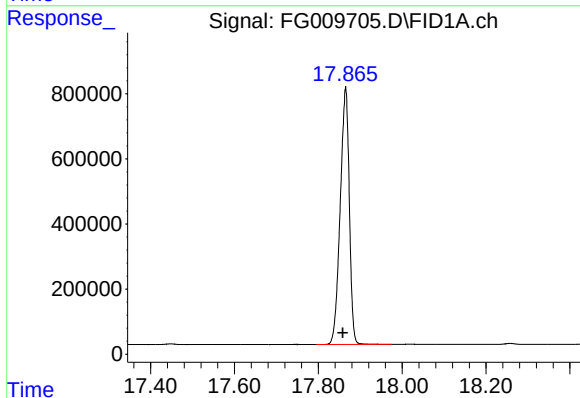
R.T.: 16.140 min
Delta R.T.: 0.008 min
Response: 13173332
Conc: 95.07 ug/ml



#17 n-Tricontane (C30)

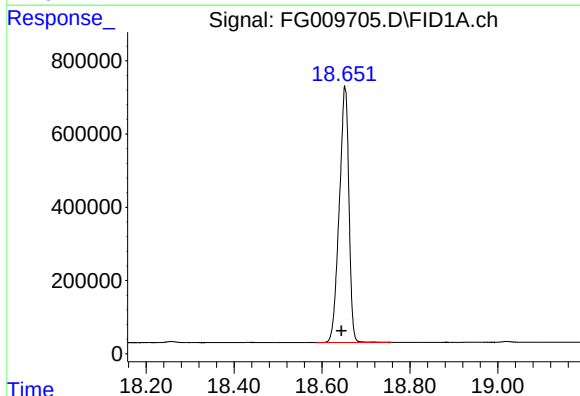
R.T.: 17.032 min
Delta R.T.: 0.009 min
Response: 12763980
Conc: 94.22 ug/ml

Instrument :
FID_G
ClientSampleId :



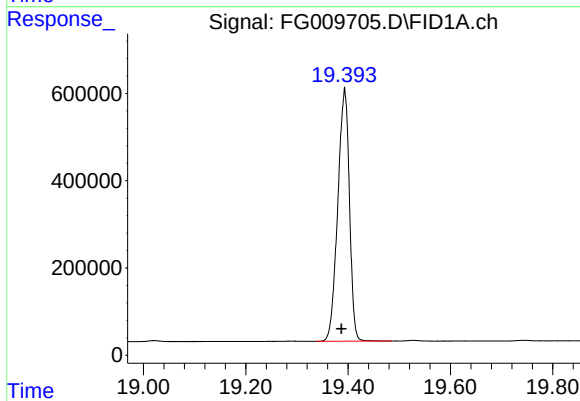
#18 n-Dotriacontane (C32)

R.T.: 17.865 min
Delta R.T.: 0.007 min
Response: 11851116
Conc: 93.68 ug/ml



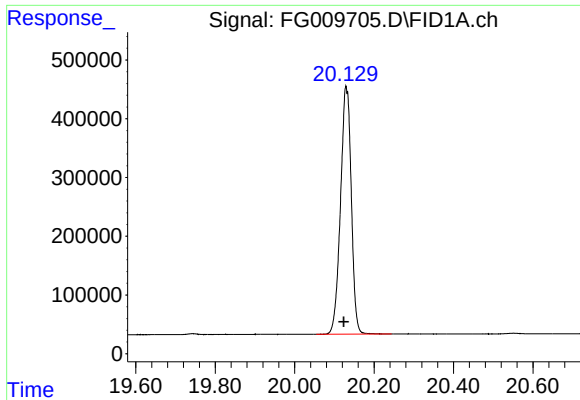
#19 n-Tetratriacontane (C34)

R.T.: 18.652 min
Delta R.T.: 0.008 min
Response: 10622619
Conc: 93.00 ug/ml



#20 n-Hexatriacontane (C36)

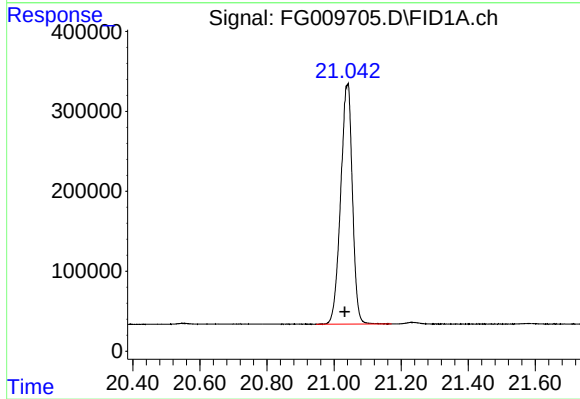
R.T.: 19.393 min
Delta R.T.: 0.006 min
Response: 9153390
Conc: 91.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.129 min
Delta R.T.: 0.005 min
Response: 7941002
Conc: 91.77 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.041 min
Delta R.T.: 0.009 min
Response: 7309100
Conc: 91.73 ug/ml