

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101424AL\
 Data File : FG014444.D
 Signal(s) : FID1A.ch
 Acq On : 14 Oct 2024 21:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 15 02:38:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:55:30 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)	11.798	2864512	20.857 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	13.247	2270333	22.912 ug/ml
Spiked Amount 50.000		Recovery =	45.82%
Target Compounds			
1) T n-Nonane (C9)	3.180	2384674	19.121 ug/ml
2) T n-Decane (C10)	4.430	2418116	19.080 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2500608	20.266 ug/ml
4) T n-Dodecane (C12)	6.601	2419150	19.342 ug/ml
5) T A~2-methylnaphthalene...	7.228	2208400	19.731 ug/ml
6) T n-Tetradecane (C14)	8.433	2412618	20.265 ug/ml
7) T n-Hexadecane (C16)	10.045	2541912	20.190 ug/ml
8) T n-Octadecane (C18)	11.490	2659948	20.585 ug/ml
10) T n-Eicosane (C20)	12.803	2617461	21.117 ug/ml
11) T n-Heneicosane (C21)	13.415	2603804	21.436 ug/ml
13) T n-Docosane (C22)	14.004	2601929	21.611 ug/ml
14) T n-Tetracosane (C24)	15.110	2612207	21.691 ug/ml
15) T n-Hexacosane (C26)	16.134	2568185	21.785 ug/ml
16) T n-Octacosane (C28)	17.084	2478429	21.314 ug/ml
17) T n-Tricontane (C30)	17.975	2447588	20.487 ug/ml
18) T n-Dotriacontane (C32)	18.808	2295081	19.881 ug/ml
19) T n-Tetratriacontane (C34)	19.593	1974851	19.761 ug/ml
20) T n-Hexatriacontane (C36)	20.334	1687214	19.419 ug/ml
21) T n-Octatriacontane (C38)	21.062	1601138	21.073 ug/ml
22) T n-Tetracontane (C40)	21.947	1810910	27.354 ug/ml

(f)=RT Delta > 1/2 Window

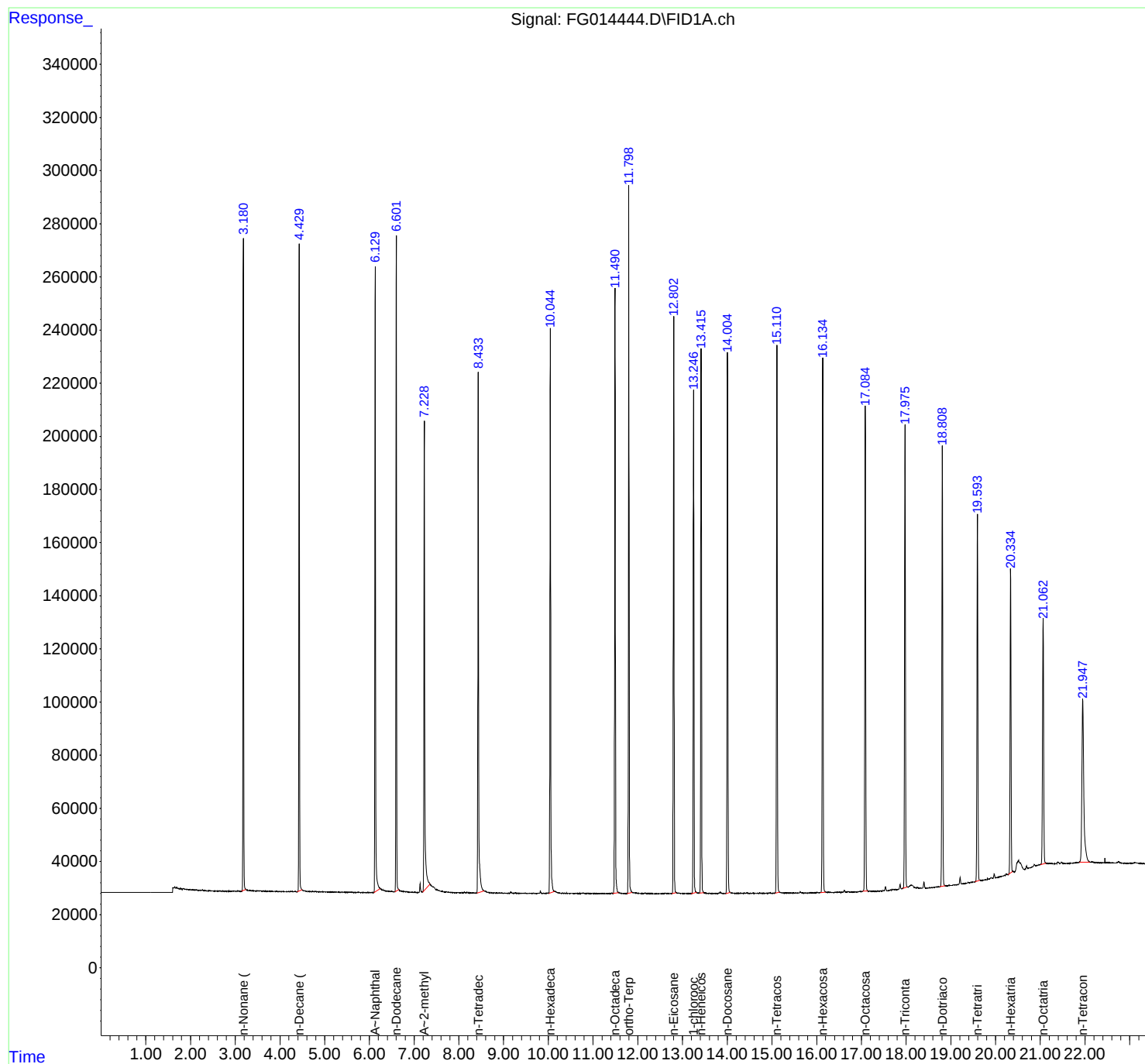
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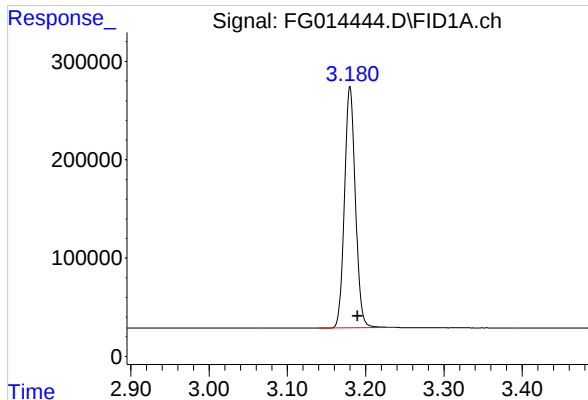
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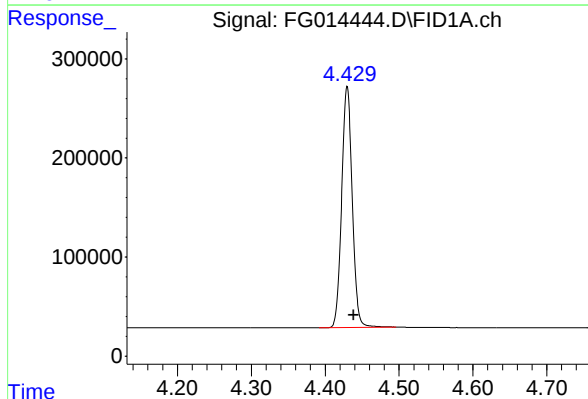
#1 n-Nonane (C9)

R.T.: 3.180 min
Delta R.T.: -0.010 min
Response: 2384674
Conc: 19.12 ug/ml

Instrument :

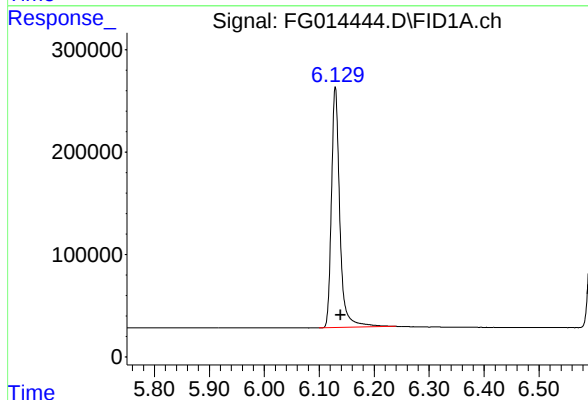
FID_G

ClientSampleId :



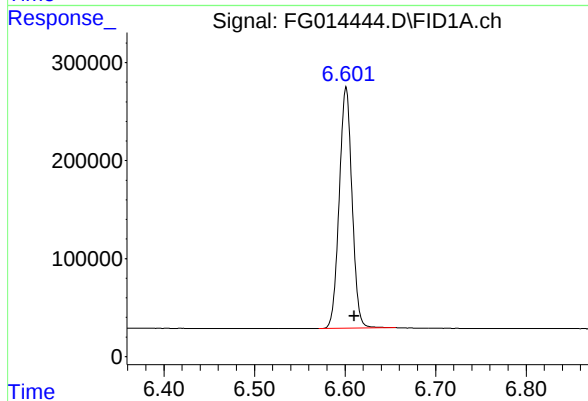
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: -0.009 min
Response: 2418116
Conc: 19.08 ug/ml



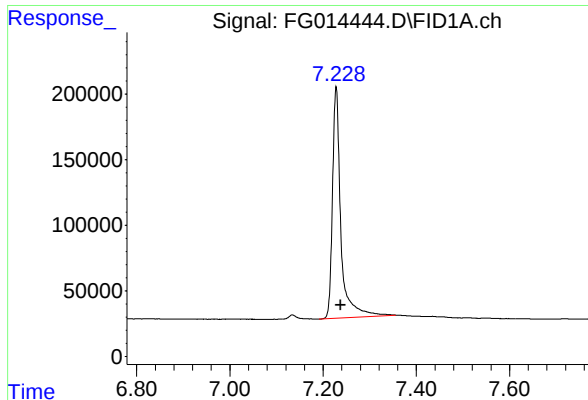
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.009 min
Response: 2500608
Conc: 20.27 ug/ml



#4 n-Dodecane (C12)

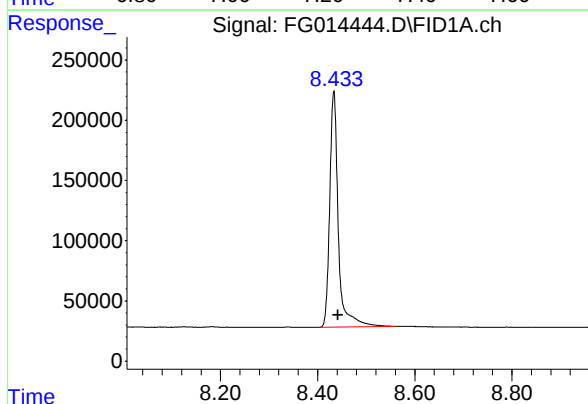
R.T.: 6.601 min
Delta R.T.: -0.009 min
Response: 2419150
Conc: 19.34 ug/ml



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

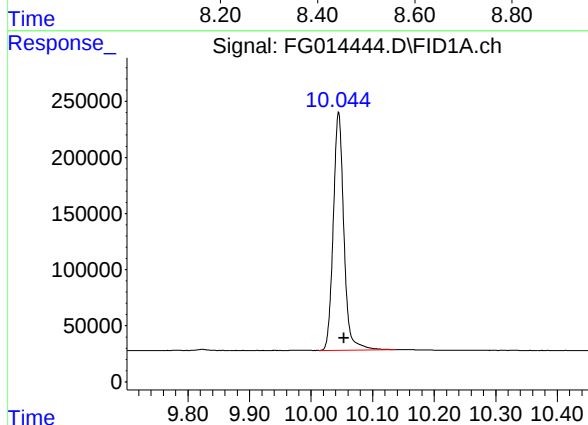
R.T.: 7.228 min
Delta R.T.: -0.009 min
Response: 2208400
Conc: 19.73 ug/ml

Instrument :
FID_G
ClientSampleId :



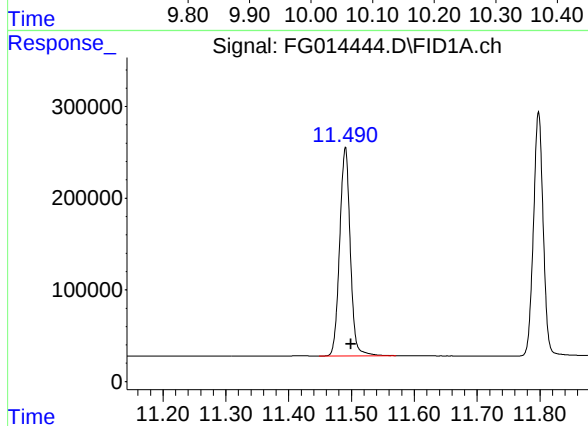
#6 n-Tetradecane (C14)

R.T.: 8.433 min
Delta R.T.: -0.009 min
Response: 2412618
Conc: 20.26 ug/ml



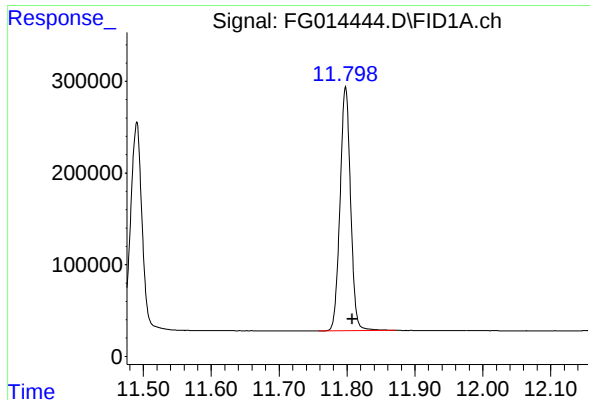
#7 n-Hexadecane (C16)

R.T.: 10.045 min
Delta R.T.: -0.009 min
Response: 2541912
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.490 min
Delta R.T.: -0.009 min
Response: 2659948
Conc: 20.59 ug/ml



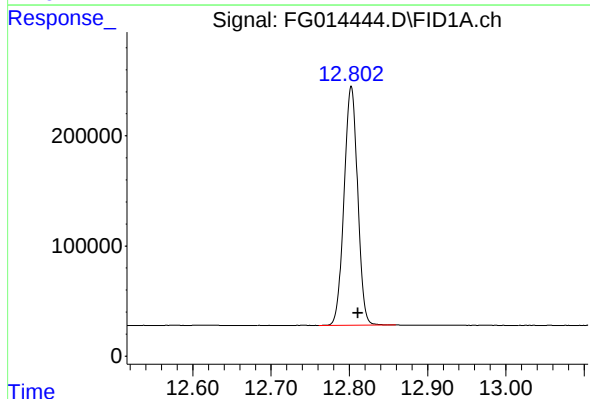
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: -0.010 min
Response: 2864512
Conc: 20.86 ug/ml

Instrument :

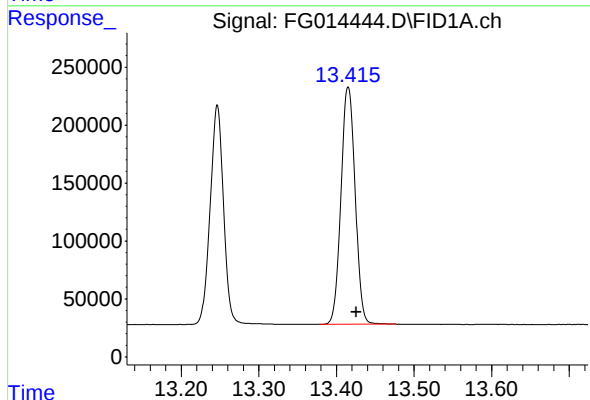
FID_G

ClientSampleId :



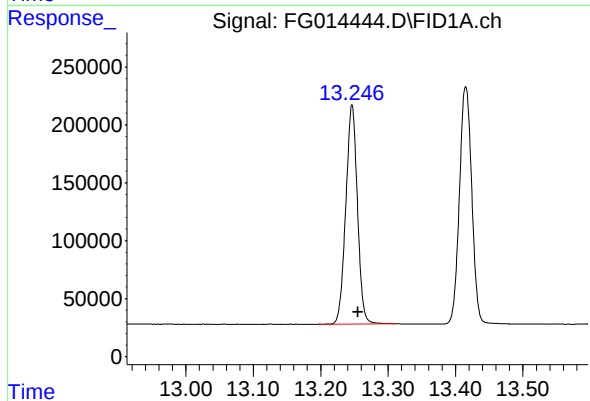
#10 n-Eicosane (C20)

R.T.: 12.803 min
Delta R.T.: -0.009 min
Response: 2617461
Conc: 21.12 ug/ml



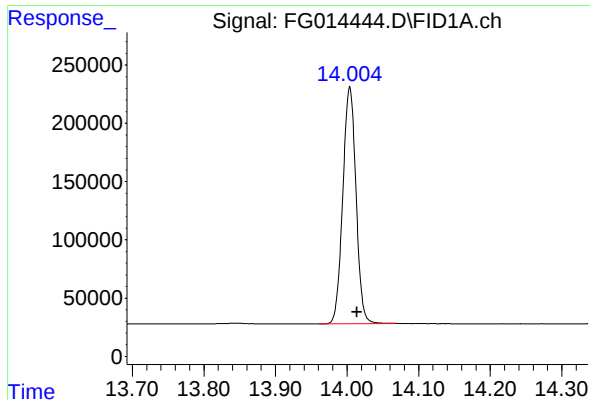
#11 n-Heneicosane (C21)

R.T.: 13.415 min
Delta R.T.: -0.010 min
Response: 2603804
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

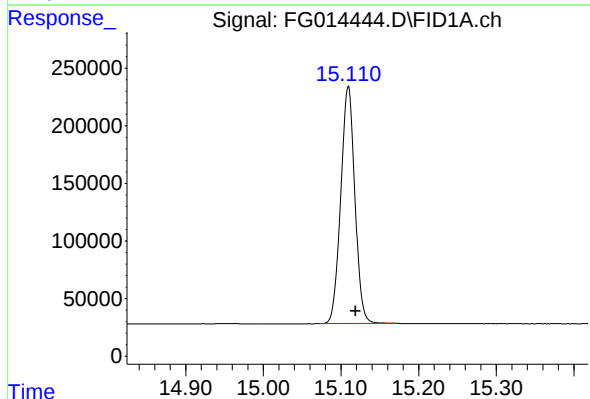
R.T.: 13.247 min
Delta R.T.: -0.009 min
Response: 2270333
Conc: 22.91 ug/ml



#13 n-Docosane (C22)

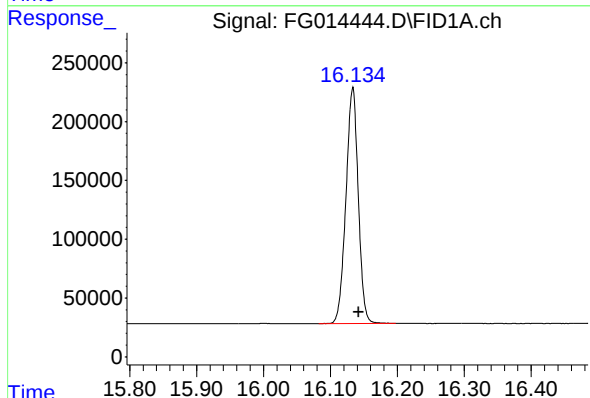
R.T.: 14.004 min
Delta R.T.: -0.010 min
Response: 2601929
Conc: 21.61 ug/ml

Instrument :
FID_G
ClientSampleId :



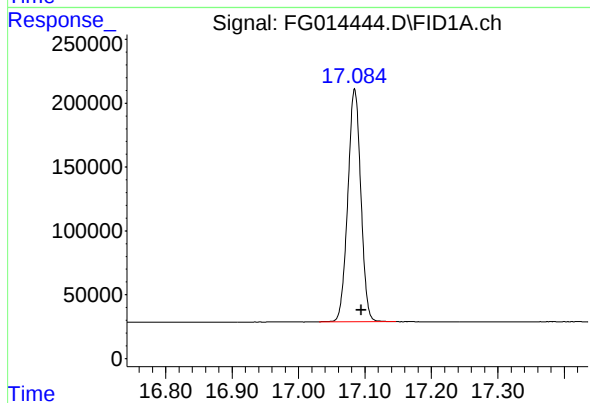
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.009 min
Response: 2612207
Conc: 21.69 ug/ml



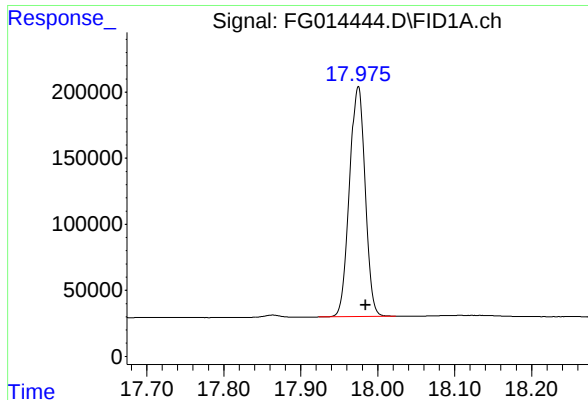
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.009 min
Response: 2568185
Conc: 21.78 ug/ml



#16 n-Octacosane (C28)

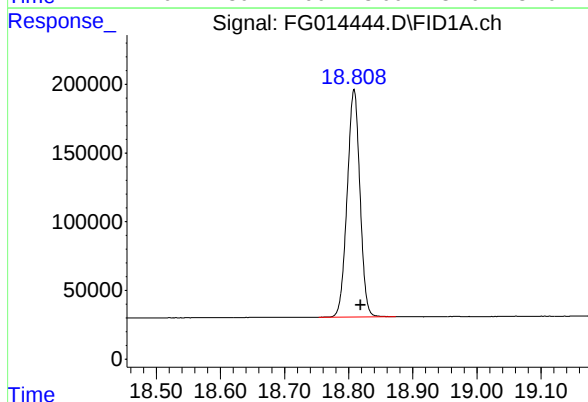
R.T.: 17.084 min
Delta R.T.: -0.010 min
Response: 2478429
Conc: 21.31 ug/ml



#17 n-Tricontane (C30)

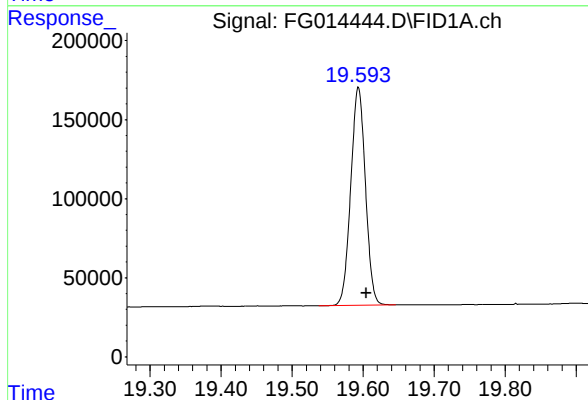
R.T.: 17.975 min
Delta R.T.: -0.010 min
Response: 2447588
Conc: 20.49 ug/ml

Instrument :
FID_G
ClientSampleId :



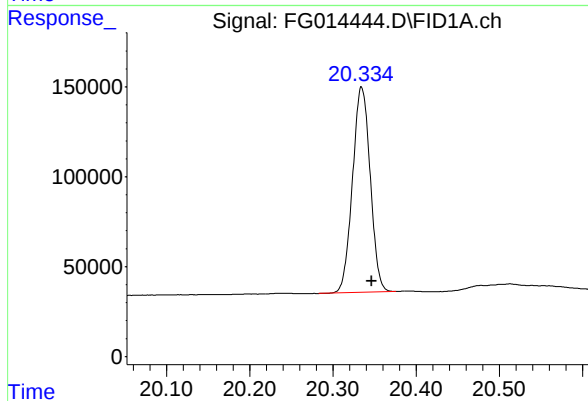
#18 n-Dotriacontane (C32)

R.T.: 18.808 min
Delta R.T.: -0.010 min
Response: 2295081
Conc: 19.88 ug/ml



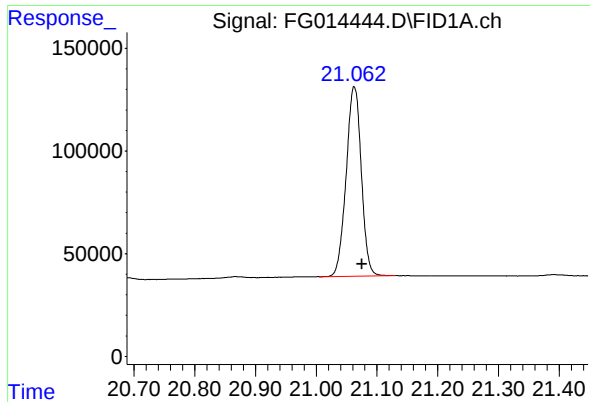
#19 n-Tetatriacontane (C34)

R.T.: 19.593 min
Delta R.T.: -0.012 min
Response: 1974851
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.334 min
Delta R.T.: -0.012 min
Response: 1687214
Conc: 19.42 ug/ml



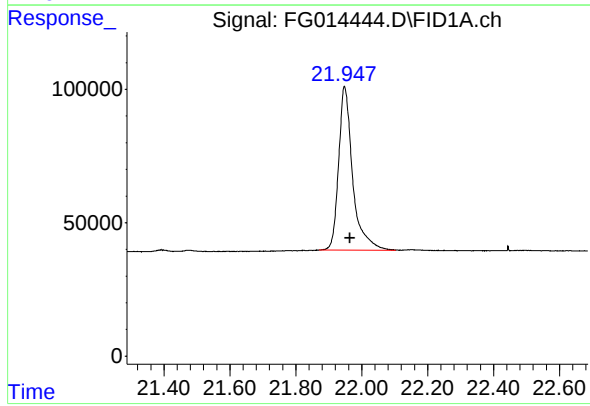
#21 n-Octatriacontane (C38)

R.T.: 21.062 min
Delta R.T.: -0.013 min
Response: 1601138
Conc: 21.07 ug/ml

Instrument :

FID_G

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.018 min
Response: 1810910
Conc: 27.35 ug/ml