

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
 Data File : FG013977.D
 Signal(s) : FID1A.ch
 Acq On : 29 Jul 2024 14:57
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jul 30 03:56:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 03:56:38 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)	11.852	708243	5.213 ug/ml
Spiked Amount 50.000		Recovery =	10.43%
12) S 1-chlorooctadecane (S...	13.299	520428	5.148 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
Target Compounds			
1) T n-Nonane (C9)	3.224	683085	5.215 ug/ml
2) T n-Decane (C10)	4.475	694040	5.203 ug/ml
3) T A~Naphthalene (C11.7)	6.181	697550	5.062 ug/ml
4) T n-Dodecane (C12)	6.648	692256	5.201 ug/ml
5) T A~2-methylnaphthalene...	7.279	651489	5.004 ug/ml
6) T n-Tetradecane (C14)	8.480	677743	5.209 ug/ml
7) T n-Hexadecane (C16)	10.092	687027	5.209 ug/ml
8) T n-Octadecane (C18)	11.540	684302	5.213 ug/ml
10) T n-Eicosane (C20)	12.853	648918	5.223 ug/ml
11) T n-Heneicosane (C21)	13.467	635034	5.225 ug/ml
13) T n-Docosane (C22)	14.055	627776	5.224 ug/ml
14) T n-Tetracosane (C24)	15.162	619797	5.217 ug/ml
15) T n-Hexacosane (C26)	16.187	607954	5.213 ug/ml
16) T n-Octacosane (C28)	17.139	597264	5.222 ug/ml
17) T n-Tricontane (C30)	18.030	615519	5.273 ug/ml
18) T n-Dotriacontane (C32)	18.864	614388	5.326 ug/ml
19) T n-Tetratriacontane (C34)	19.651	624237	5.411 ug/ml
20) T n-Hexatriacontane (C36)	20.392	604489	5.346 ug/ml
21) T n-Octatriacontane (C38)	21.128	618834	5.326 ug/ml
22) T n-Tetracontane (C40)	22.035	651416	5.546 ug/ml

(f)=RT Delta > 1/2 Window

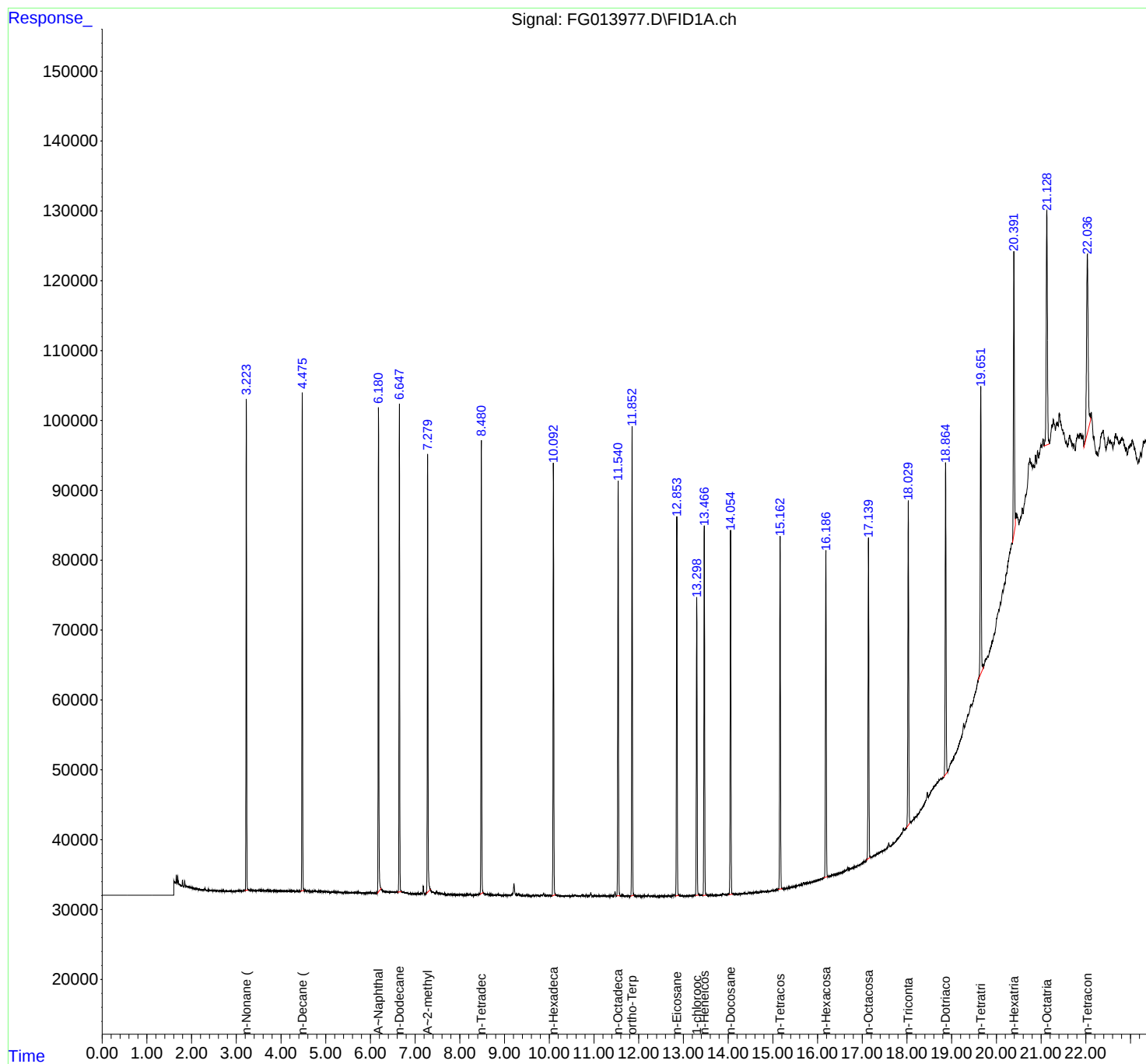
(m)=manual int.

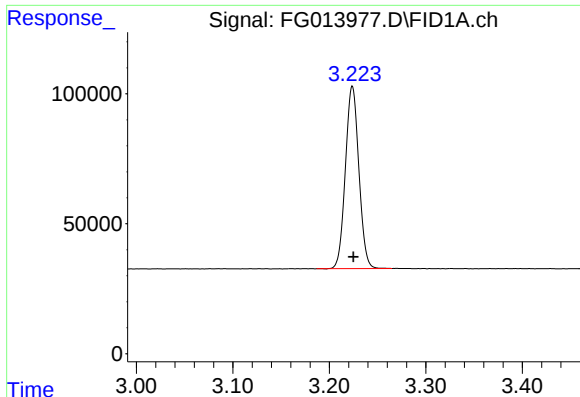
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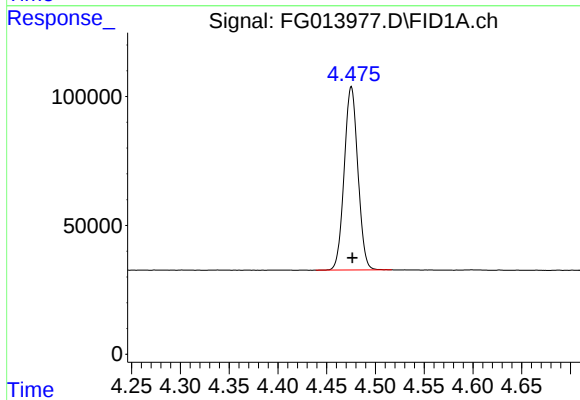




#1 n-Nonane (C9)

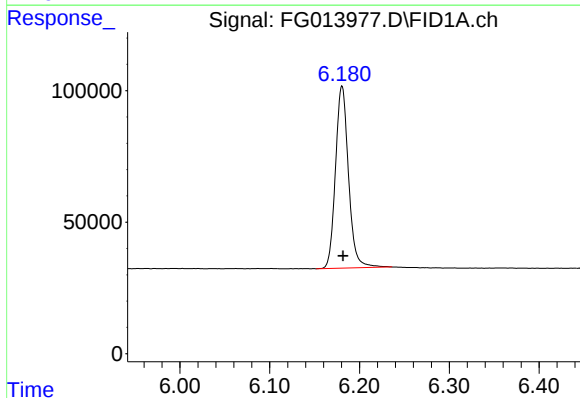
R.T.: 3.224 min
Delta R.T.: -0.001 min
Response: 683085
Conc: 5.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



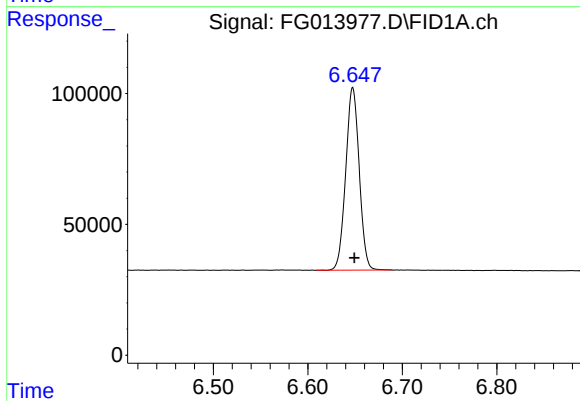
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.001 min
Response: 694040
Conc: 5.20 ug/ml



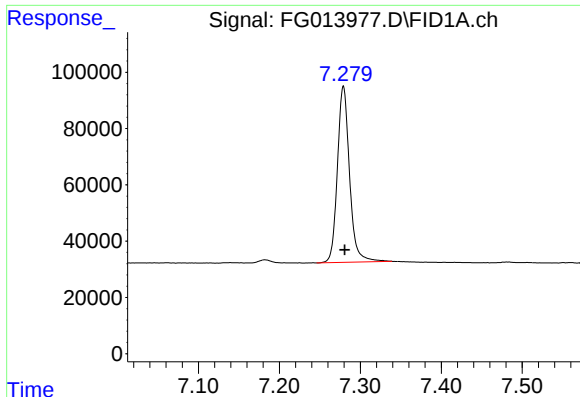
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 697550
Conc: 5.06 ug/ml



#4 n-Dodecane (C12)

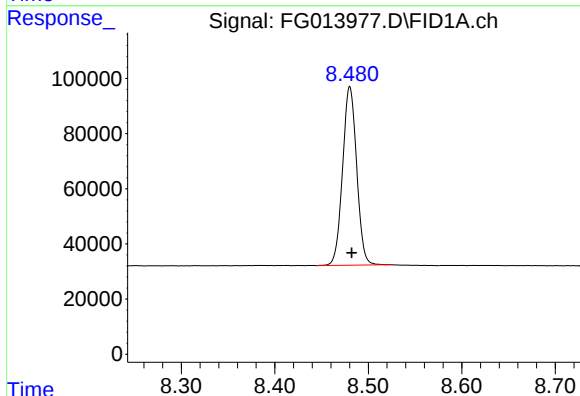
R.T.: 6.648 min
Delta R.T.: -0.002 min
Response: 692256
Conc: 5.20 ug/ml



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

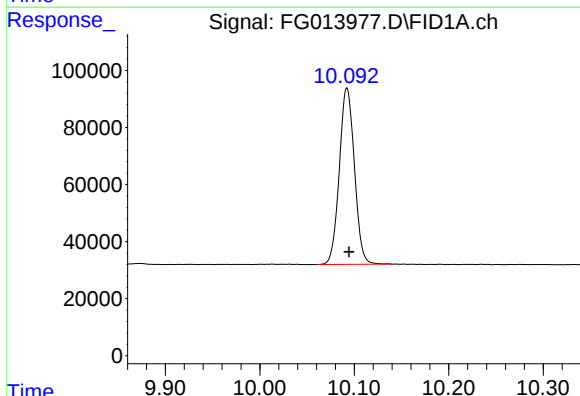
R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 651489
Conc: 5.00 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



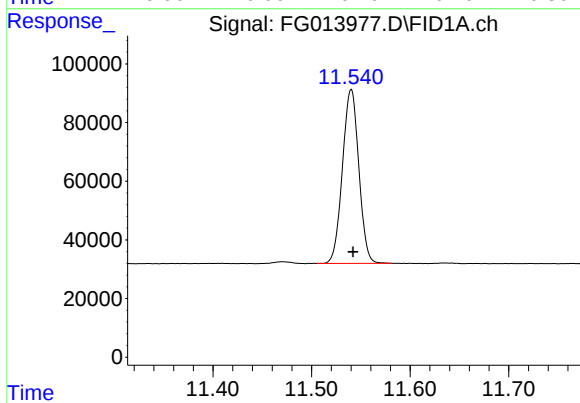
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 677743
Conc: 5.21 ug/ml



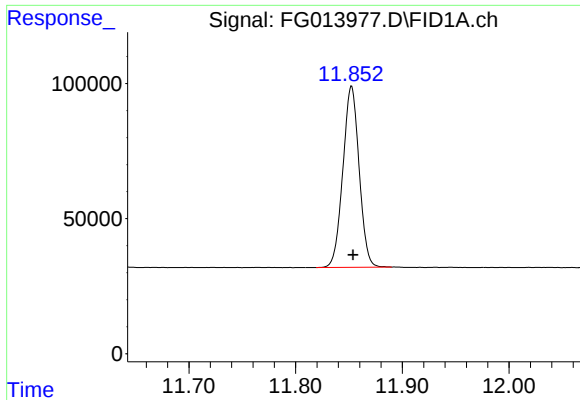
#7 n-Hexadecane (C16)

R.T.: 10.092 min
Delta R.T.: -0.002 min
Response: 687027
Conc: 5.21 ug/ml



#8 n-Octadecane (C18)

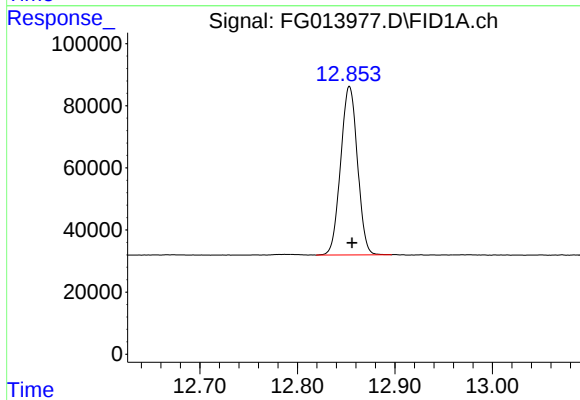
R.T.: 11.540 min
Delta R.T.: -0.002 min
Response: 684302
Conc: 5.21 ug/ml



#9 ortho-Terphenyl (SURR)

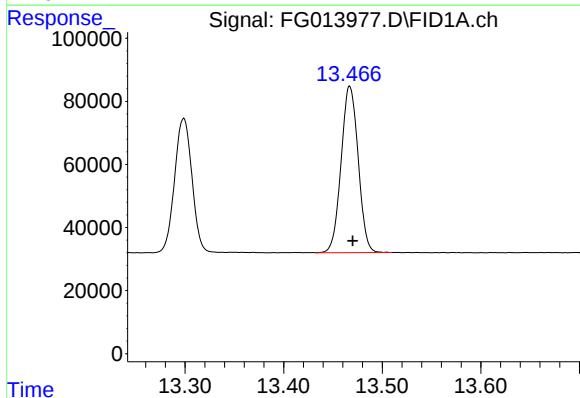
R.T.: 11.852 min
Delta R.T.: -0.001 min
Response: 708243
Conc: 5.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



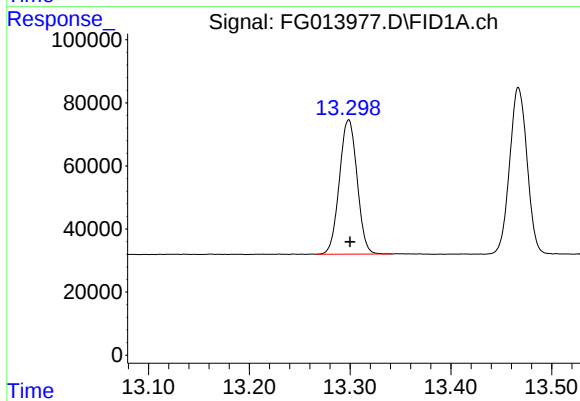
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.003 min
Response: 648918
Conc: 5.22 ug/ml



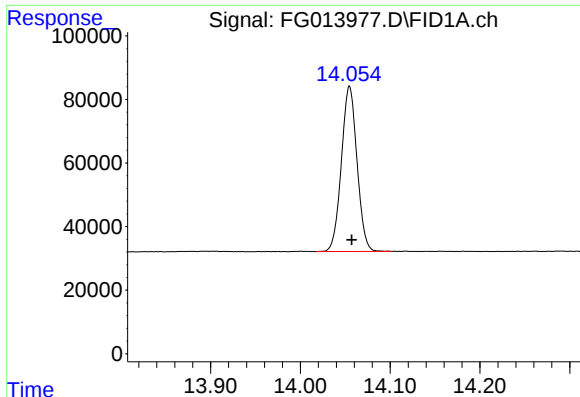
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.003 min
Response: 635034
Conc: 5.23 ug/ml



#12 1-chlorooctadecane (SURR)

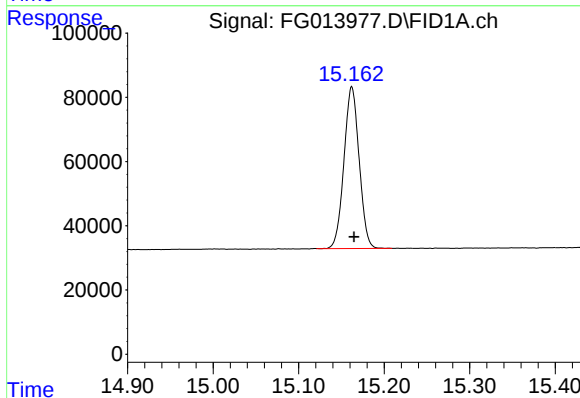
R.T.: 13.299 min
Delta R.T.: -0.001 min
Response: 520428
Conc: 5.15 ug/ml



#13 n-Docosane (C22)

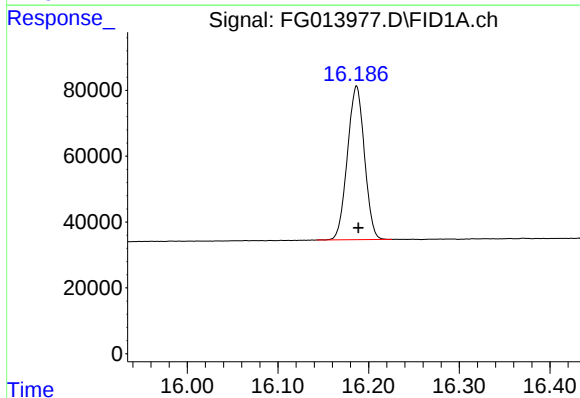
R.T.: 14.055 min
Delta R.T.: -0.003 min
Response: 627776
Conc: 5.22 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



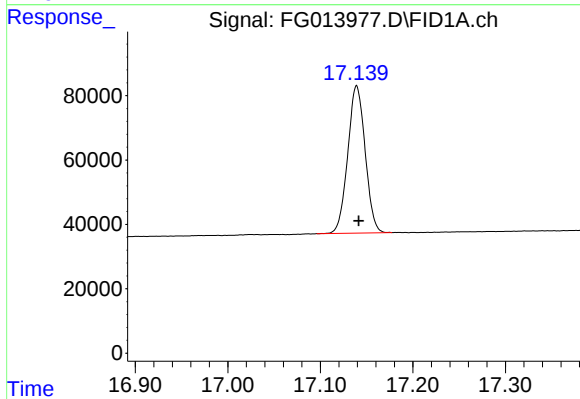
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.003 min
Response: 619797
Conc: 5.22 ug/ml



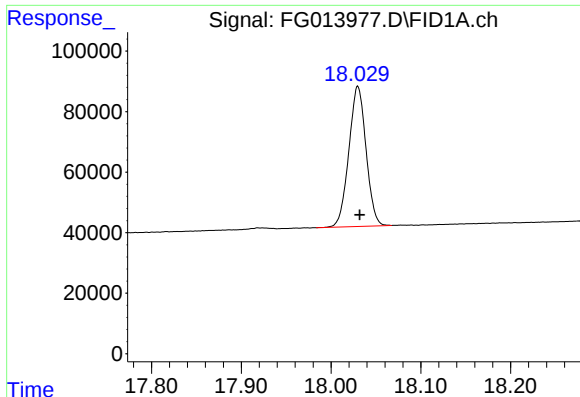
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.002 min
Response: 607954
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

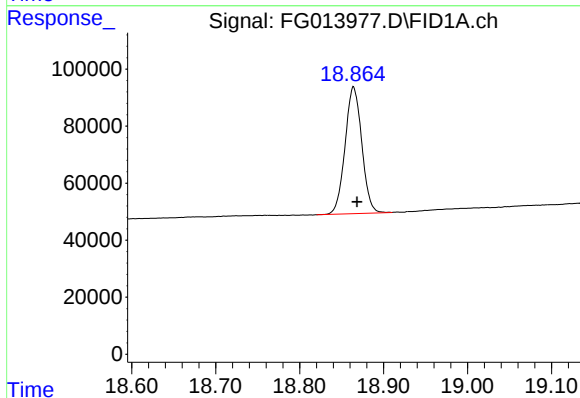
R.T.: 17.139 min
Delta R.T.: -0.002 min
Response: 597264
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

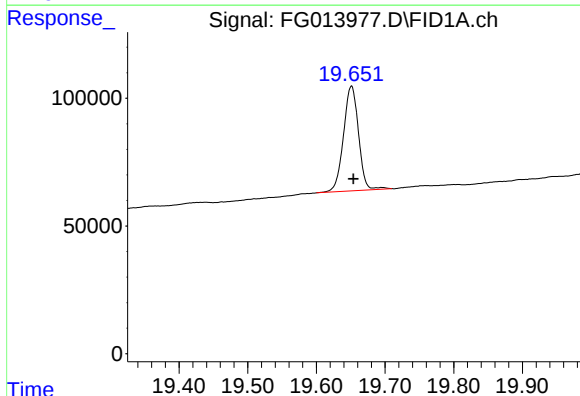
R.T.: 18.030 min
Delta R.T.: -0.002 min
Response: 615519
Conc: 5.27 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



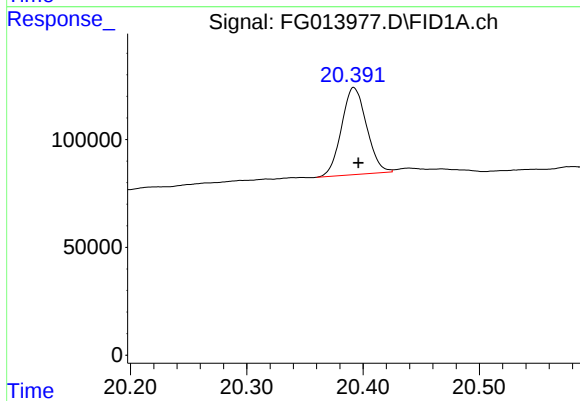
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.004 min
Response: 614388
Conc: 5.33 ug/ml



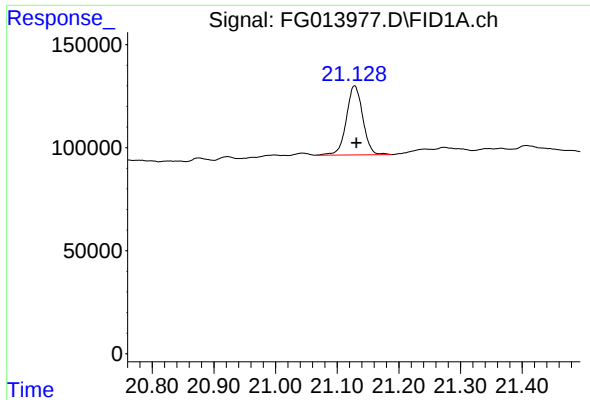
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.003 min
Response: 624237
Conc: 5.41 ug/ml



#20 n-Hexatriacontane (C36)

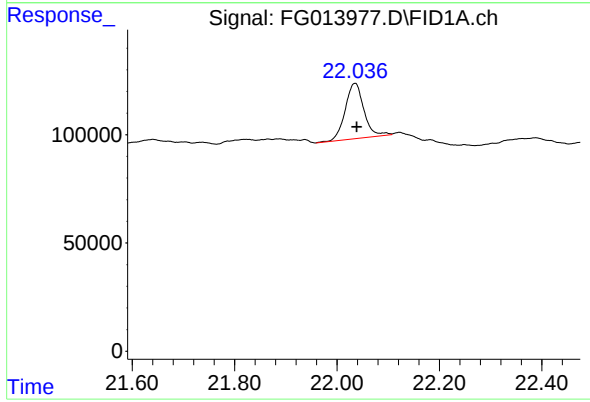
R.T.: 20.392 min
Delta R.T.: -0.004 min
Response: 604489
Conc: 5.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.003 min
Response: 618834
Conc: 5.33 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: -0.003 min
Response: 651416
Conc: 5.55 ug/ml