

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG110723AL\
 Data File : FG013157.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 21:00
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Nov 08 03:45:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 110723.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 03:40:16 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)	11.985	734835	4.973 ug/ml
Spiked Amount 50.000		Recovery =	9.95%
12) S 1-chlorooctadecane (S...	13.427	549201	4.943 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
Target Compounds			
1) T n-Nonane (C9)	3.341	631574	4.988 ug/ml
2) T n-Decane (C10)	4.594	645086	4.994 ug/ml
3) T A~Naphthalene (C11.7)	6.308	669453	4.916 ug/ml
4) T n-Dodecane (C12)	6.768	643706	4.966 ug/ml
5) T A~2-methylnaphthalene...	7.407	639845	4.842 ug/ml
6) T n-Tetradecane (C14)	8.602	628408	4.942 ug/ml
7) T n-Hexadecane (C16)	10.216	639265	4.966 ug/ml
8) T n-Octadecane (C18)	11.664	646480	5.025 ug/ml
10) T n-Eicosane (C20)	12.979	640156	5.116 ug/ml
11) T n-Heneicosane (C21)	13.593	617413	5.053 ug/ml
13) T n-Docosane (C22)	14.181	663204	5.333 ug/ml
14) T n-Tetracosane (C24)	15.287	784748	5.957 ug/ml
15) T n-Hexacosane (C26)	16.312	808510	6.189 ug/ml
16) T n-Octacosane (C28)	17.264	875005	6.574 ug/ml
17) T n-Tricontane (C30)	18.153	944491	6.851 ug/ml
18) T n-Dotriacontane (C32)	18.986	897468	6.655 ug/ml
19) T n-Tetratriacontane (C34)	19.770	736269	5.967 ug/ml
20) T n-Hexatriacontane (C36)	20.512	676980	5.651 ug/ml
21) T n-Octatriacontane (C38)	21.269	633632	5.291 ug/ml
22) T n-Tetracontane (C40)	22.222	645655	5.295 ug/ml

(f)=RT Delta > 1/2 Window

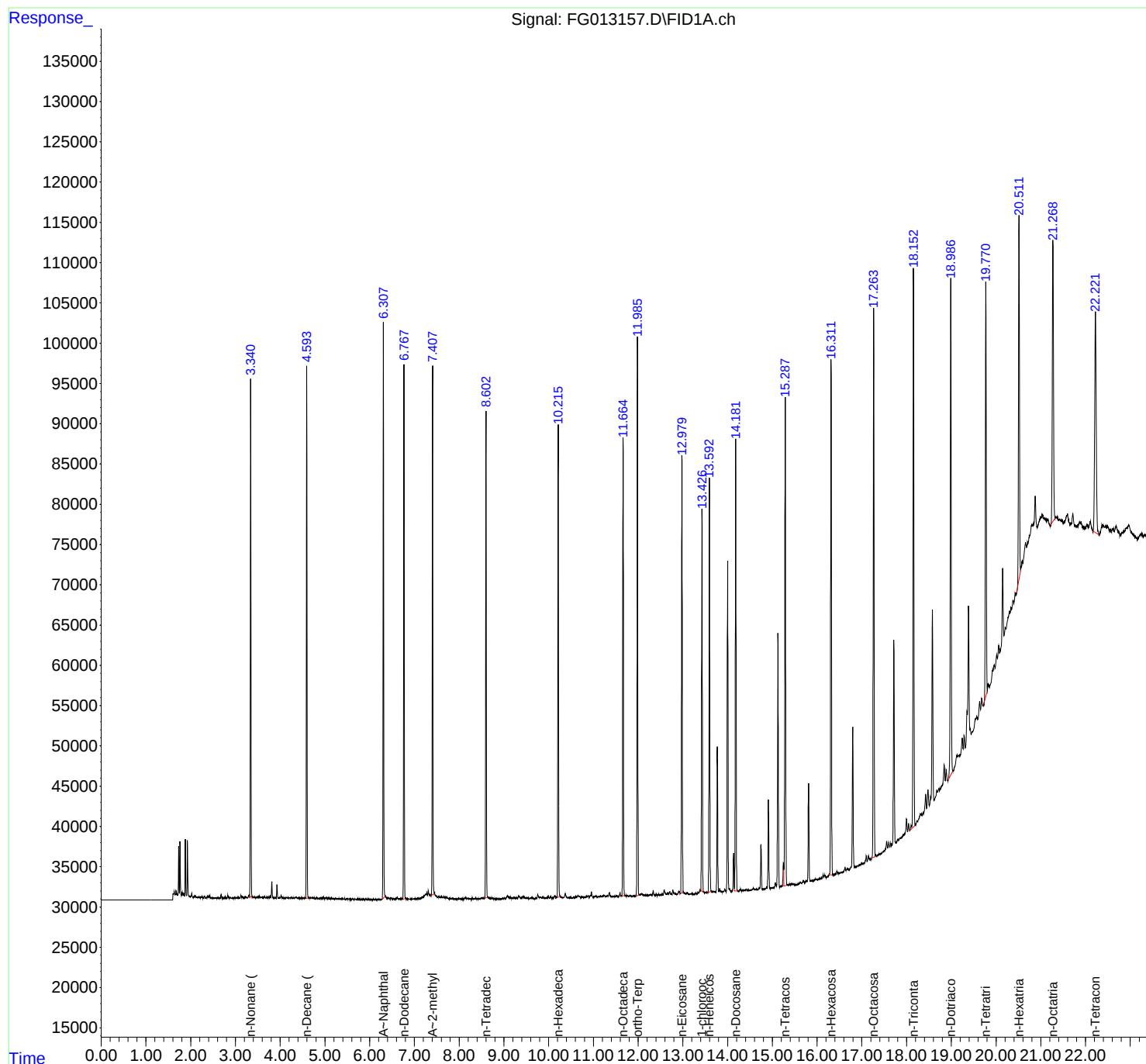
(m)=manual int.

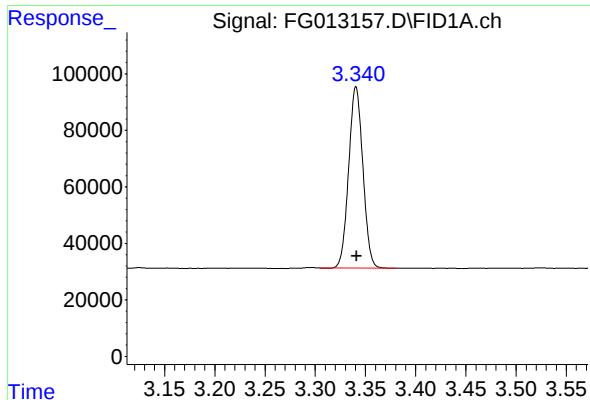
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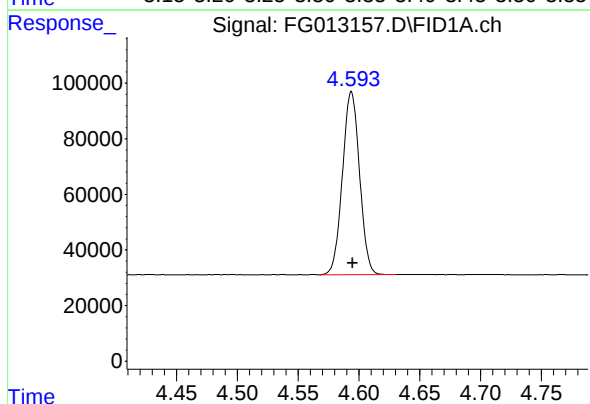




#1 n-Nonane (C9)

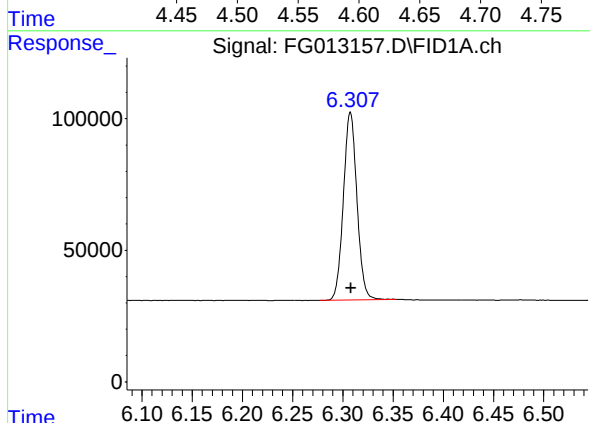
R.T.: 3.341 min
Delta R.T.: 0.000 min
Response: 631574
Conc: 4.99 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



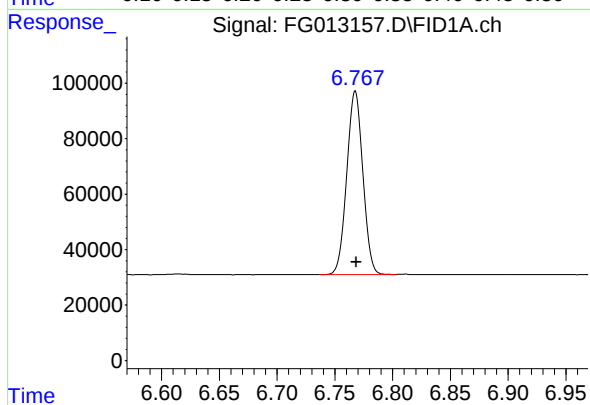
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.000 min
Response: 645086
Conc: 4.99 ug/ml



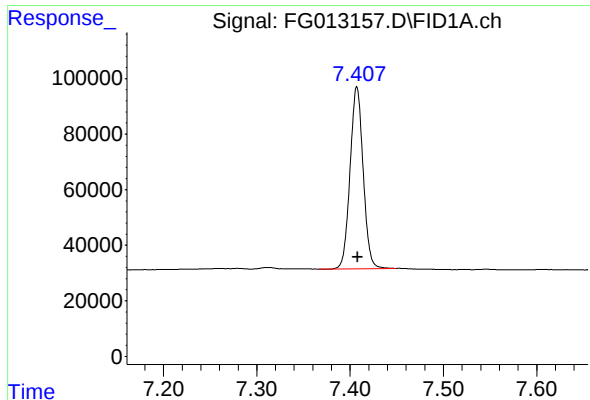
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 669453
Conc: 4.92 ug/ml



#4 n-Dodecane (C12)

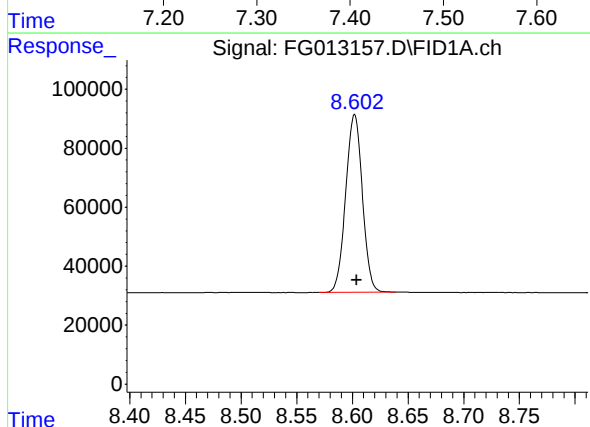
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 643706
Conc: 4.97 ug/ml



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

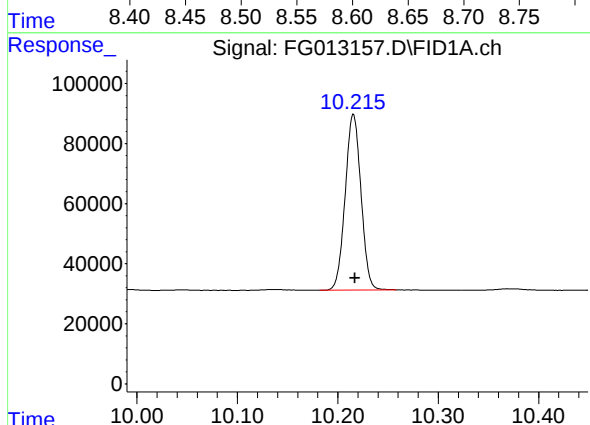
R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 639845
Conc: 4.84 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



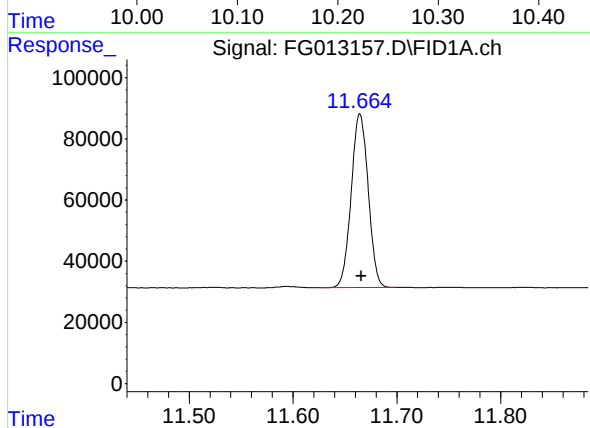
#6 n-Tetradecane (C14)

R.T.: 8.602 min
Delta R.T.: -0.002 min
Response: 628408
Conc: 4.94 ug/ml



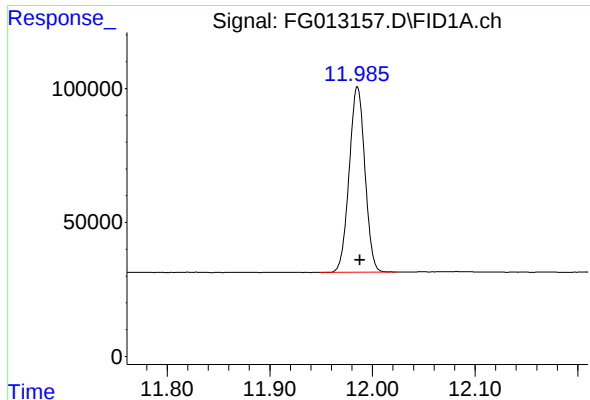
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.001 min
Response: 639265
Conc: 4.97 ug/ml



#8 n-Octadecane (C18)

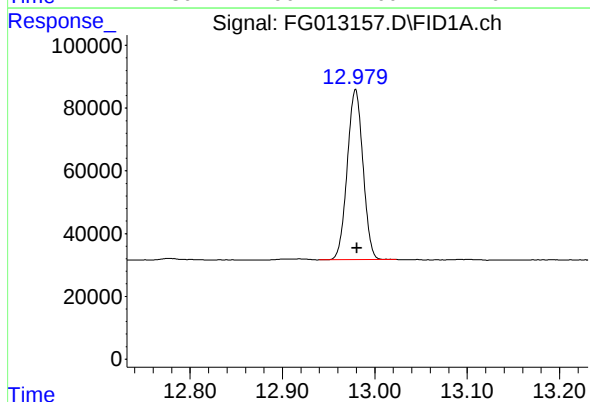
R.T.: 11.664 min
Delta R.T.: -0.001 min
Response: 646480
Conc: 5.03 ug/ml



#9 ortho-Terphenyl (SURR)

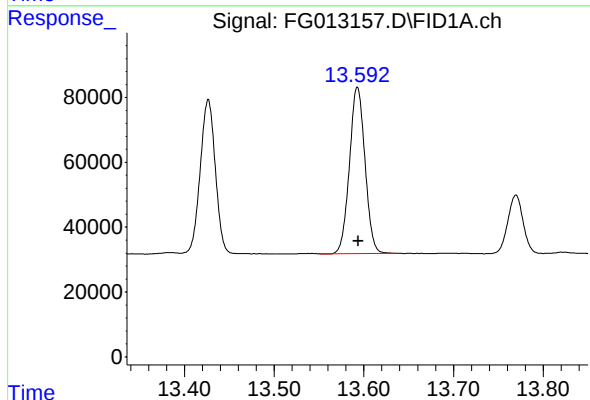
R.T.: 11.985 min
Delta R.T.: -0.002 min
Response: 734835
Conc: 4.97 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



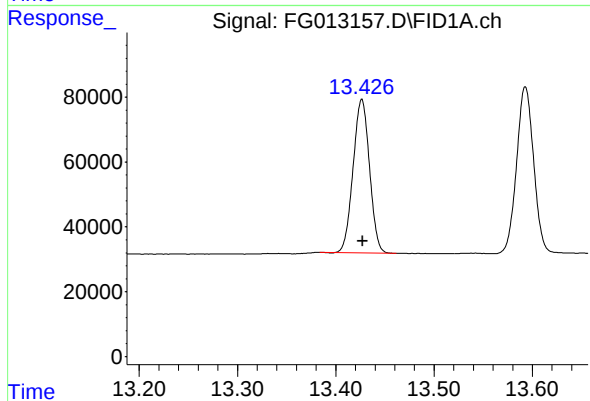
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: -0.001 min
Response: 640156
Conc: 5.12 ug/ml



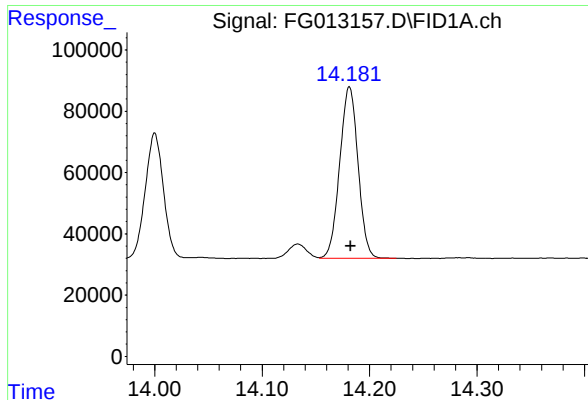
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: -0.001 min
Response: 617413
Conc: 5.05 ug/ml



#12 1-chlorooctadecane (SURR)

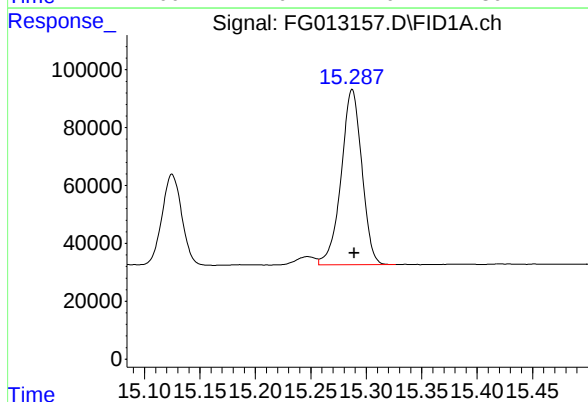
R.T.: 13.427 min
Delta R.T.: 0.000 min
Response: 549201
Conc: 4.94 ug/ml



#13 n-Docosane (C22)

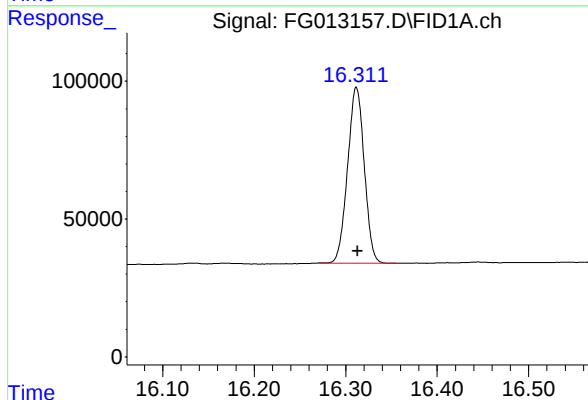
R.T.: 14.181 min
Delta R.T.: -0.001 min
Response: 663204
Conc: 5.33 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



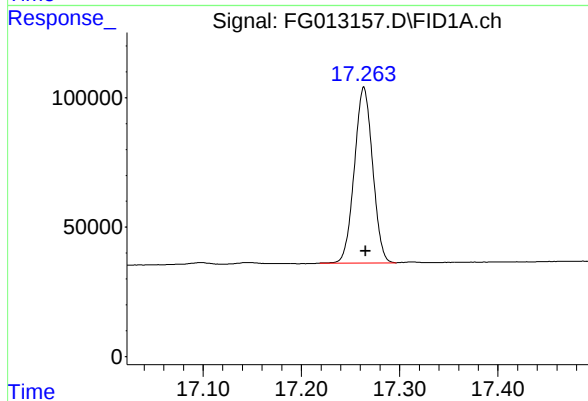
#14 n-Tetracosane (C24)

R.T.: 15.287 min
Delta R.T.: -0.002 min
Response: 784748
Conc: 5.96 ug/ml



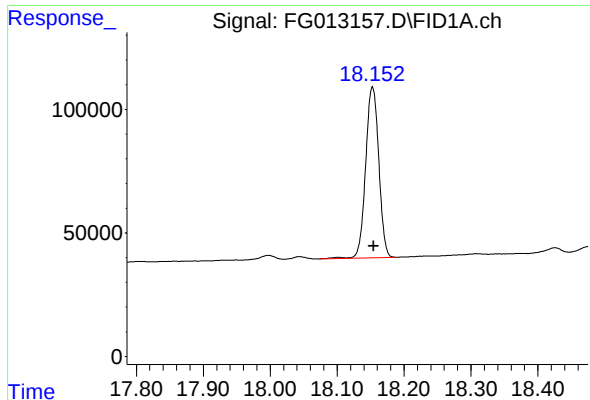
#15 n-Hexacosane (C26)

R.T.: 16.312 min
Delta R.T.: -0.001 min
Response: 808510
Conc: 6.19 ug/ml



#16 n-Octacosane (C28)

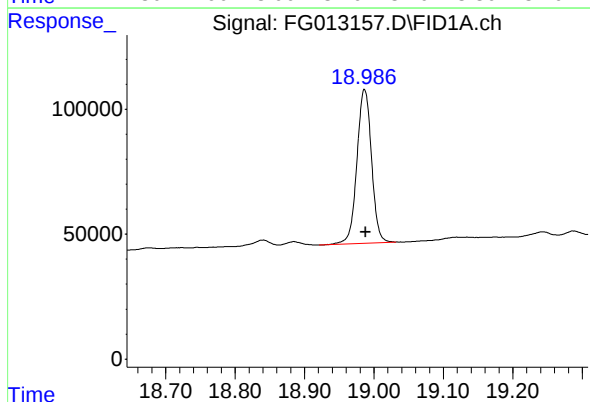
R.T.: 17.264 min
Delta R.T.: -0.002 min
Response: 875005
Conc: 6.57 ug/ml



#17 n-Tricontane (C30)

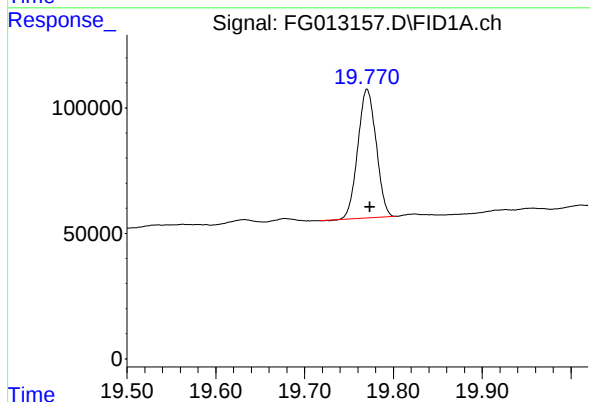
R.T.: 18.153 min
Delta R.T.: -0.002 min
Response: 944491
Conc: 6.85 ug/ml

Instrument :
FID_G
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5 PPM ALIPHATIC HC STD5



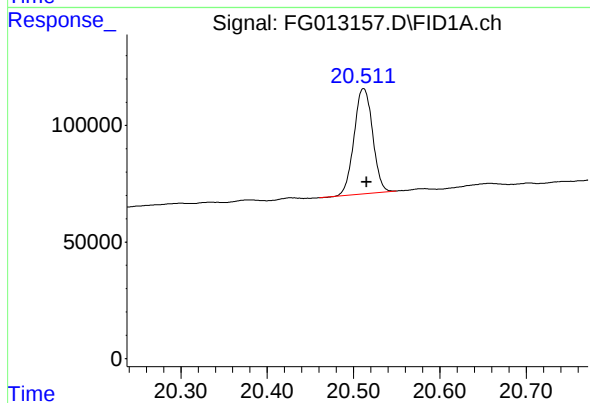
#18 n-Dotriacontane (C32)

R.T.: 18.986 min
Delta R.T.: -0.002 min
Response: 897468
Conc: 6.65 ug/ml



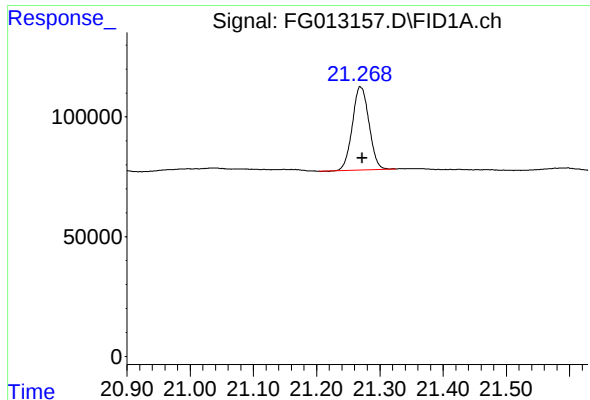
#19 n-Tetratriacontane (C34)

R.T.: 19.770 min
Delta R.T.: -0.003 min
Response: 736269
Conc: 5.97 ug/ml



#20 n-Hexatriacontane (C36)

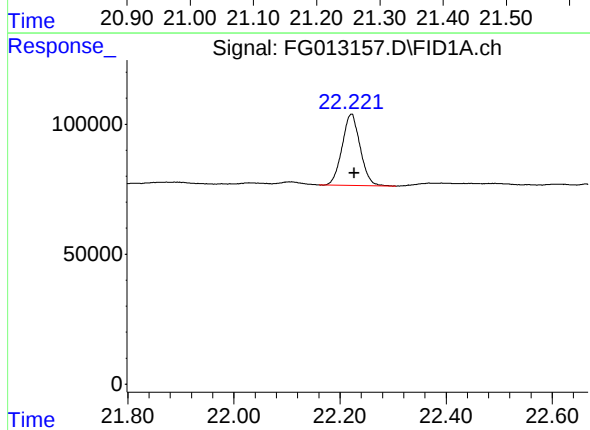
R.T.: 20.512 min
Delta R.T.: -0.004 min
Response: 676980
Conc: 5.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.269 min
Delta R.T.: -0.003 min
Response: 633632
Conc: 5.29 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.222 min
Delta R.T.: -0.005 min
Response: 645655
Conc: 5.30 ug/ml