

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100923AL\
 Data File : FG013058.D
 Signal(s) : FID1A.ch
 Acq On : 09 Oct 2023 19:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 09 23:51:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:45:31 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)	11.991	2956816	21.981 ug/ml
Spiked Amount 50.000		Recovery =	43.96%
12) S 1-chlorooctadecane (S...	13.431	2208844	21.918 ug/ml
Spiked Amount 50.000		Recovery =	43.84%
Target Compounds			
1) T n-Nonane (C9)	3.345	2634106	22.052 ug/ml
2) T n-Decane (C10)	4.598	2685467	22.028 ug/ml
3) T A~Naphthalene (C11.7)	6.311	2848197	22.006 ug/ml
4) T n-Dodecane (C12)	6.773	2685082	22.028 ug/ml
5) T A~2-methylnaphthalene...	7.411	2745393	22.080 ug/ml
6) T n-Tetradecane (C14)	8.607	2629044	21.976 ug/ml
7) T n-Hexadecane (C16)	10.221	2690518	21.988 ug/ml
8) T n-Octadecane (C18)	11.670	2684143	21.923 ug/ml
10) T n-Eicosane (C20)	12.984	2551497	21.854 ug/ml
11) T n-Heneicosane (C21)	13.598	2490697	21.812 ug/ml
13) T n-Docosane (C22)	14.186	2470664	21.770 ug/ml
14) T n-Tetracosane (C24)	15.293	2456031	21.696 ug/ml
15) T n-Hexacosane (C26)	16.317	2404466	21.685 ug/ml
16) T n-Octacosane (C28)	17.268	2363967	21.548 ug/ml
17) T n-Tricontane (C30)	18.157	2429158	21.215 ug/ml
18) T n-Dotriacontane (C32)	18.993	2418614	21.069 ug/ml
19) T n-Tetratriacontane (C34)	19.778	2353510	21.035 ug/ml
20) T n-Hexatriacontane (C36)	20.517	2336078	20.484 ug/ml
21) T n-Octatriacontane (C38)	21.276	2426826	21.154 ug/ml
22) T n-Tetracontane (C40)	22.230	2509135	21.676 ug/ml

(f)=RT Delta > 1/2 Window

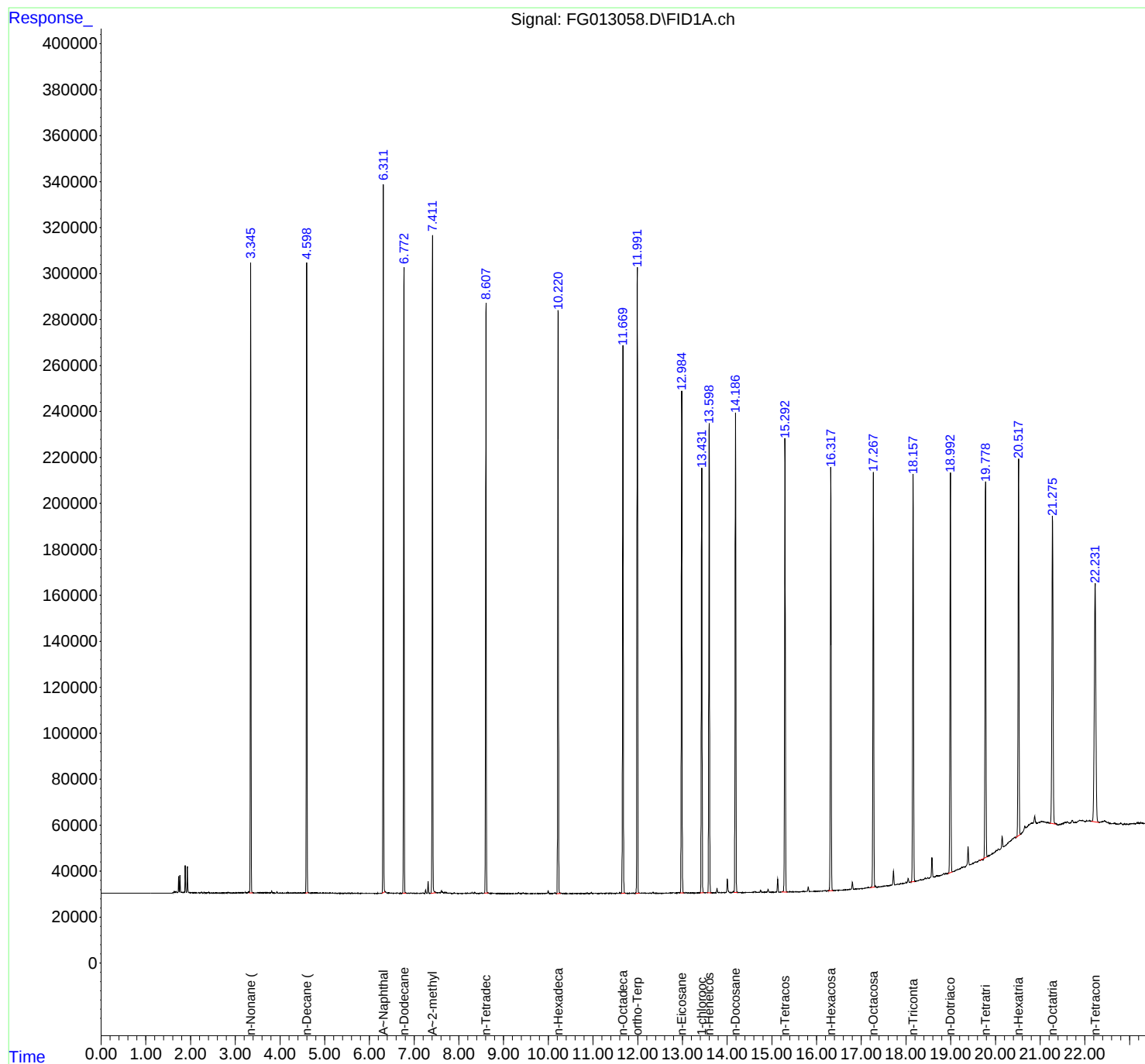
(m)=manual int.

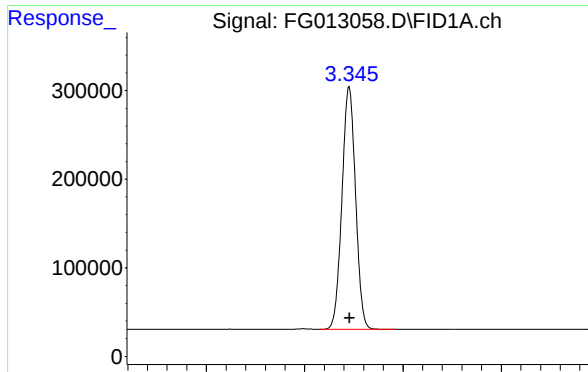
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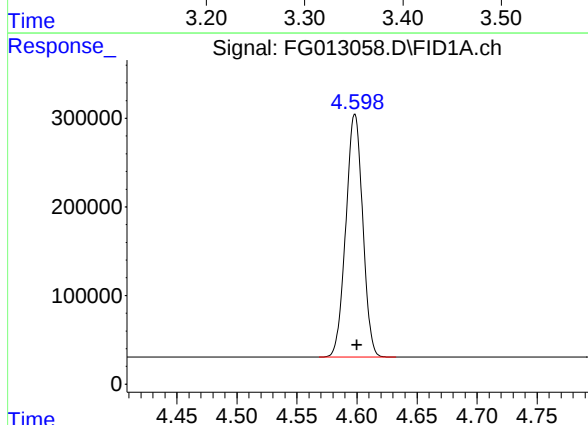




#1 n-Nonane (C9)

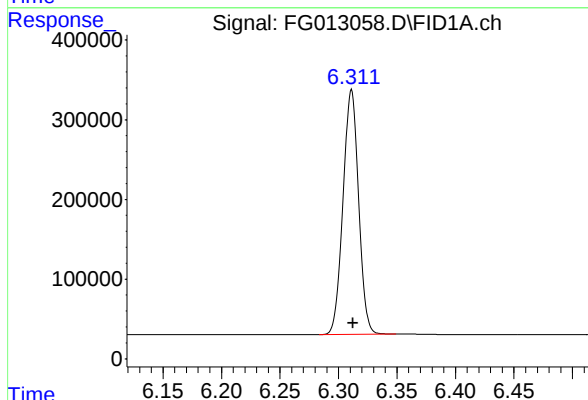
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 2634106
Conc: 22.05 ug/ml

Instrument :
FID_G
ClientSampleId :



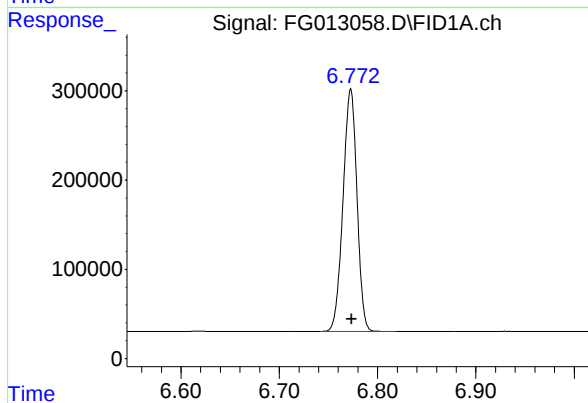
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.002 min
Response: 2685467
Conc: 22.03 ug/ml



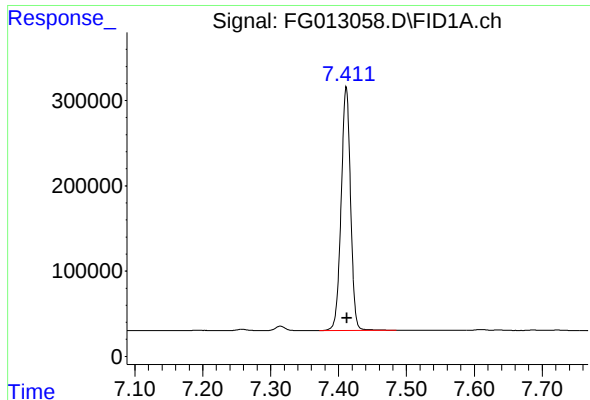
#3 A~Naphthalene (C11.7)

R.T.: 6.311 min
Delta R.T.: -0.001 min
Response: 2848197
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

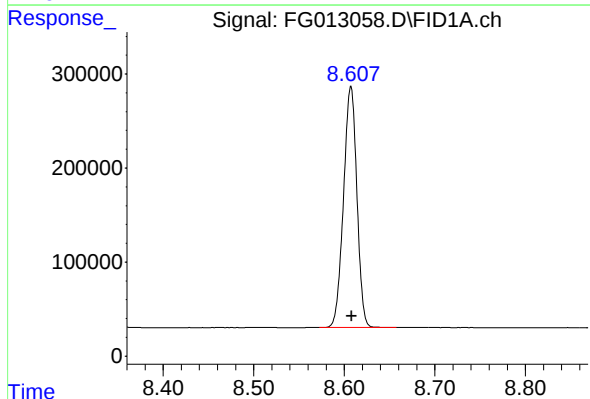
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 2685082
Conc: 22.03 ug/ml



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

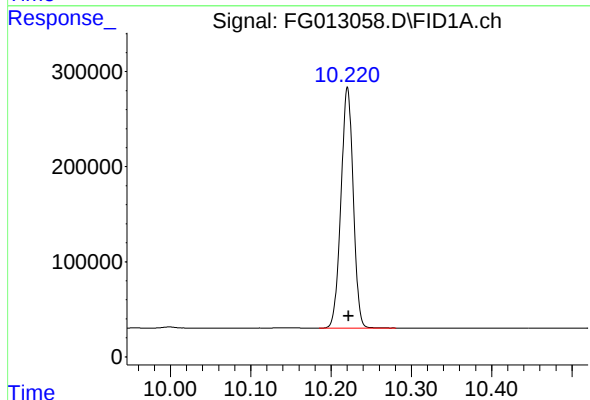
R.T.: 7.411 min
Delta R.T.: -0.001 min
Response: 2745393
Conc: 22.08 ug/ml

Instrument :
FID_G
ClientSampleId :



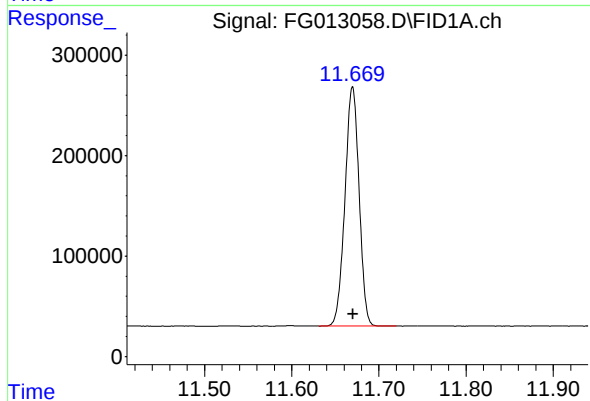
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.000 min
Response: 2629044
Conc: 21.98 ug/ml



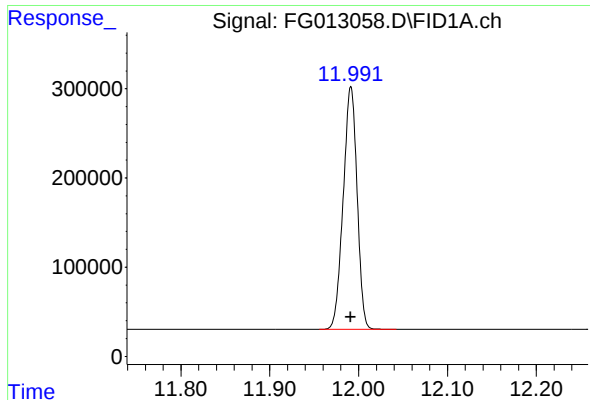
#7 n-Hexadecane (C16)

R.T.: 10.221 min
Delta R.T.: -0.001 min
Response: 2690518
Conc: 21.99 ug/ml



#8 n-Octadecane (C18)

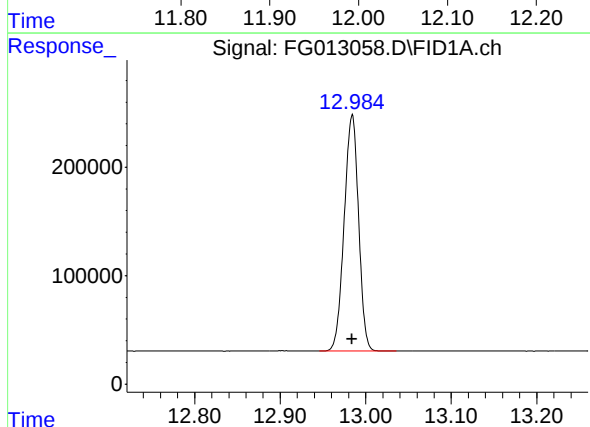
R.T.: 11.670 min
Delta R.T.: 0.000 min
Response: 2684143
Conc: 21.92 ug/ml



#9 ortho-Terphenyl (SURR)

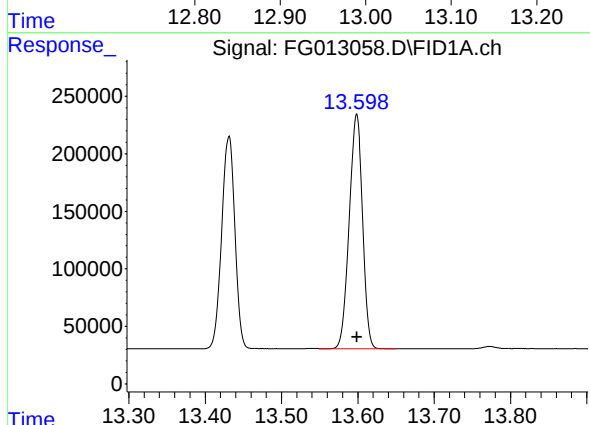
R.T.: 11.991 min
Delta R.T.: 0.000 min
Response: 2956816
Conc: 21.98 ug/ml

Instrument :
FID_G
ClientSampleId :



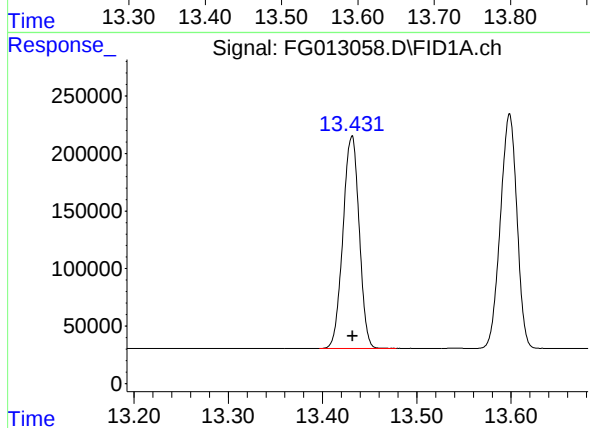
#10 n-Eicosane (C20)

R.T.: 12.984 min
Delta R.T.: 0.000 min
Response: 2551497
Conc: 21.85 ug/ml



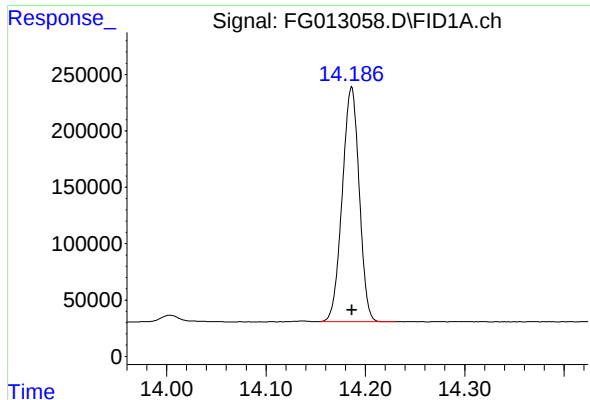
#11 n-Heneicosane (C21)

R.T.: 13.598 min
Delta R.T.: 0.000 min
Response: 2490697
Conc: 21.81 ug/ml



#12 1-chlorooctadecane (SURR)

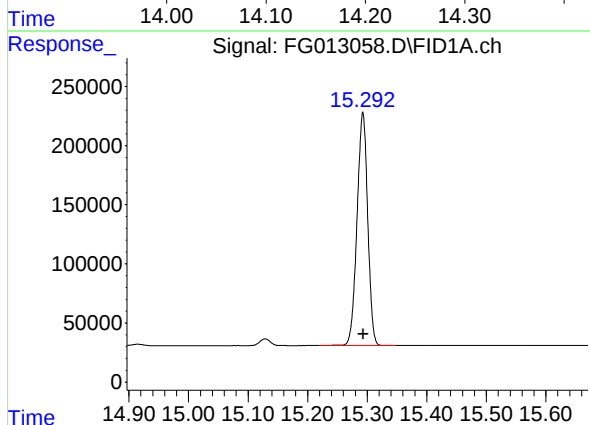
R.T.: 13.431 min
Delta R.T.: 0.000 min
Response: 2208844
Conc: 21.92 ug/ml



#13 n-Docosane (C22)

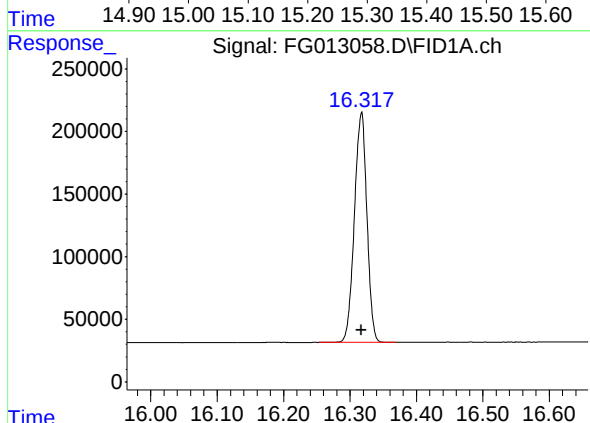
R.T.: 14.186 min
Delta R.T.: 0.000 min
Response: 2470664
Conc: 21.77 ug/ml

Instrument :
FID_G
ClientSampleId :



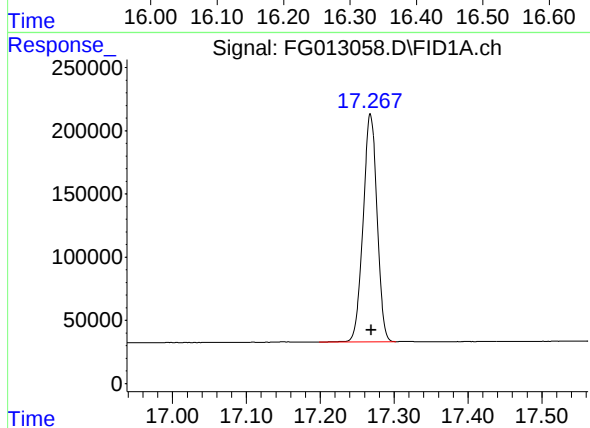
#14 n-Tetracosane (C24)

R.T.: 15.293 min
Delta R.T.: 0.000 min
Response: 2456031
Conc: 21.70 ug/ml



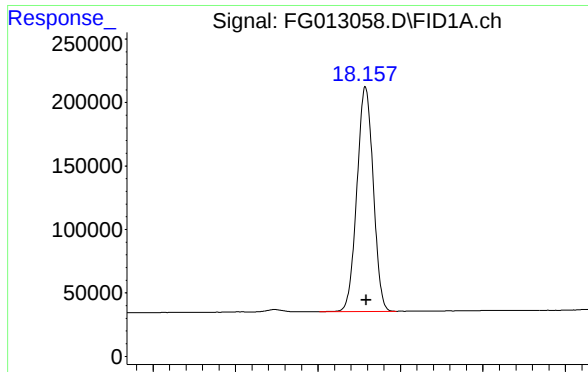
#15 n-Hexacosane (C26)

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 2404466
Conc: 21.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.268 min
Delta R.T.: -0.001 min
Response: 2363967
Conc: 21.55 ug/ml



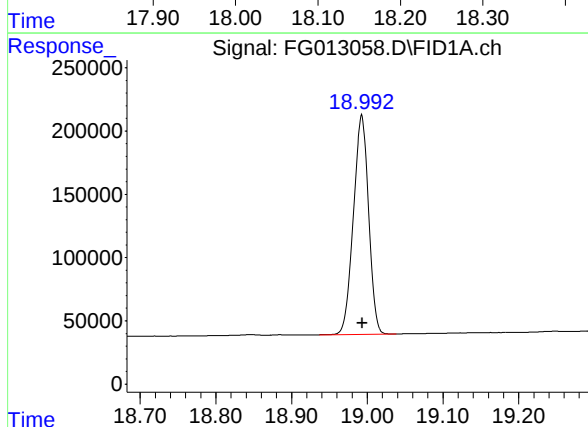
#17 n-Tricontane (C30)

R.T.: 18.157 min
Delta R.T.: -0.002 min
Response: 2429158
Conc: 21.21 ug/ml

Instrument :

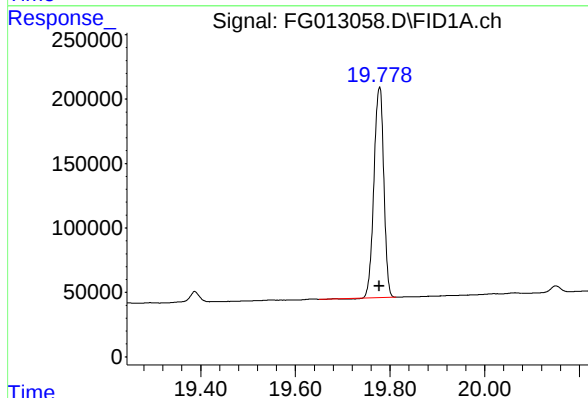
FID_G

ClientSampleId :



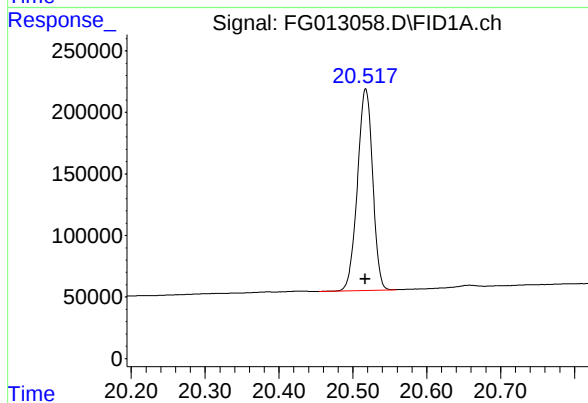
#18 n-Dotriacontane (C32)

R.T.: 18.993 min
Delta R.T.: 0.000 min
Response: 2418614
Conc: 21.07 ug/ml



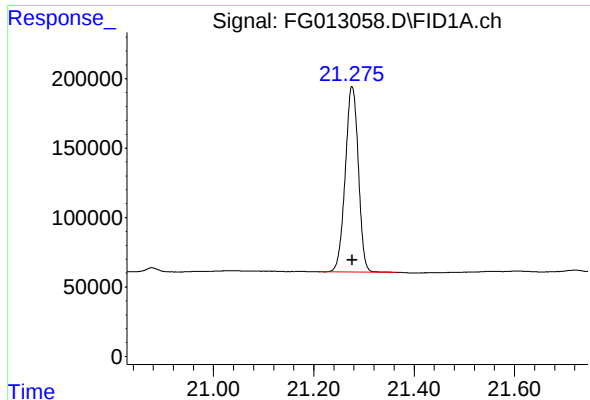
#19 n-Tetratriacontane (C34)

R.T.: 19.778 min
Delta R.T.: 0.000 min
Response: 2353510
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

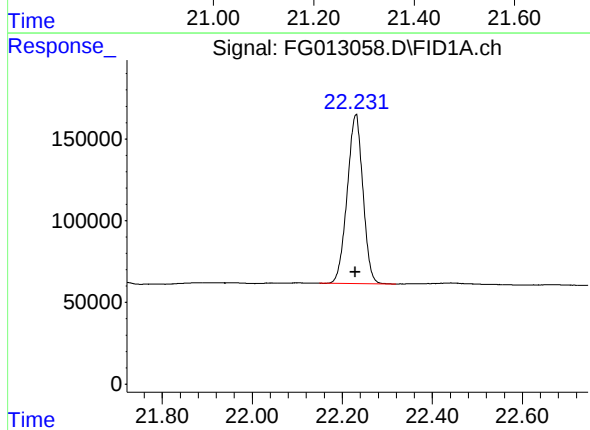
R.T.: 20.517 min
Delta R.T.: 0.000 min
Response: 2336078
Conc: 20.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.276 min
Delta R.T.: 0.000 min
Response: 2426826
Conc: 21.15 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.230 min
Delta R.T.: 0.001 min
Response: 2509135
Conc: 21.68 ug/ml