

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041221AL\
 Data File : FC053079.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2021 10:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 13 02:29:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.553	2633222	18.227 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
12) S 1-chlorooctadecane (S...	12.992	2082488	18.024 ug/ml
Spiked Amount 50.000		Recovery =	36.05%
Target Compounds			
1) T n-Nonane (C9)	3.311	2389199	19.089 ug/ml
2) T n-Decane (C10)	4.377	2414806	19.181 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2647969	19.009 ug/ml
4) T n-Dodecane (C12)	6.396	2475270	19.327 ug/ml
5) T A~2-methylnaphthalene...	7.019	2698140	19.087 ug/ml
6) T n-Tetradecane (C14)	8.193	2474442	19.231 ug/ml
7) T n-Hexadecane (C16)	9.795	2425288	18.969 ug/ml
8) T n-Octadecane (C18)	11.237	2507728	18.543 ug/ml
10) T n-Eicosane (C20)	12.547	2490565	18.132 ug/ml
11) T n-Heneicosane (C21)	13.158	2457980	17.889 ug/ml
13) T n-Docosane (C22)	13.746	2433743	17.656 ug/ml
14) T n-Tetracosane (C24)	14.850	2354479	17.076 ug/ml
15) T n-Hexacosane (C26)	15.870	2245085	16.556 ug/ml
16) T n-Octacosane (C28)	16.820	2146143	16.101 ug/ml
17) T n-Tricontane (C30)	17.708	2047608	15.955 ug/ml
18) T n-Dotriacontane (C32)	18.540	1947399	16.300 ug/ml
19) T n-Tetratriacontane (C34)	19.323	1879241	16.968 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1828961	18.125 ug/ml
21) T n-Octatriacontane (C38)	20.794	1752328	19.669 ug/ml
22) T n-Tetracontane (C40)	21.694	1816441	22.690 ug/ml

(f)=RT Delta > 1/2 Window

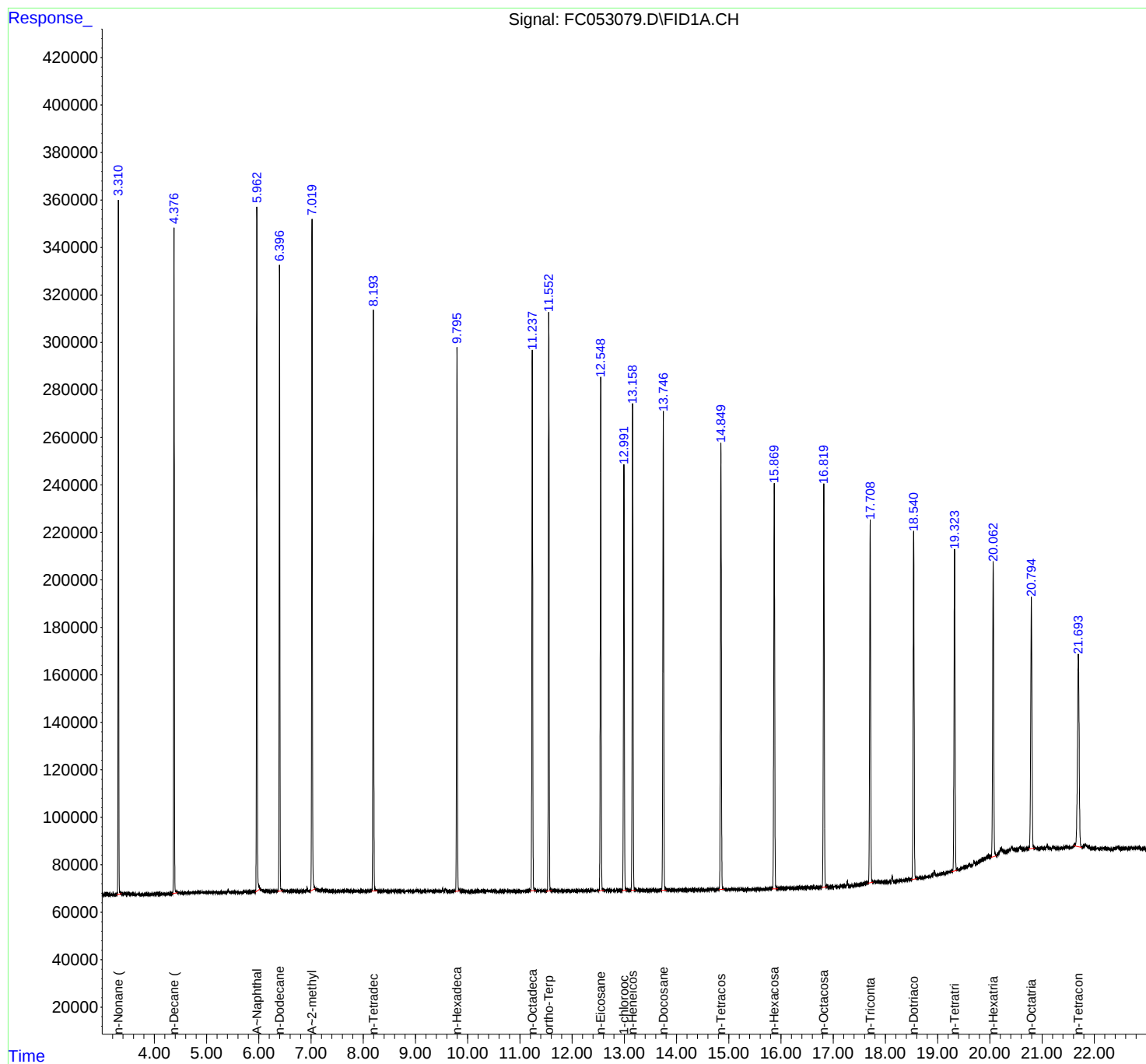
(m)=manual int.

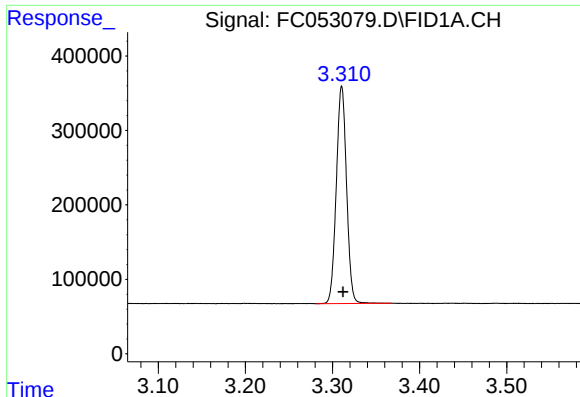
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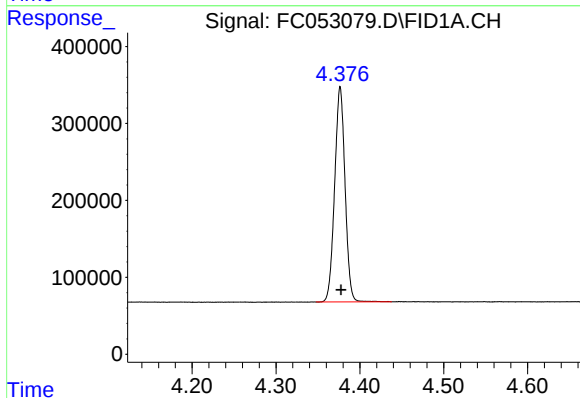




#1 n-Nonane (C9)

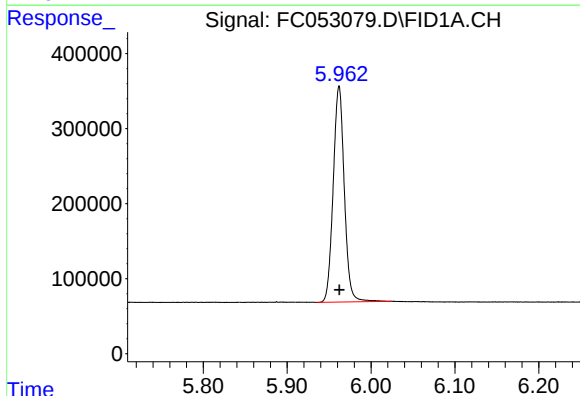
R.T.: 3.311 min
Delta R.T.: -0.001 min
Response: 2389199
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :



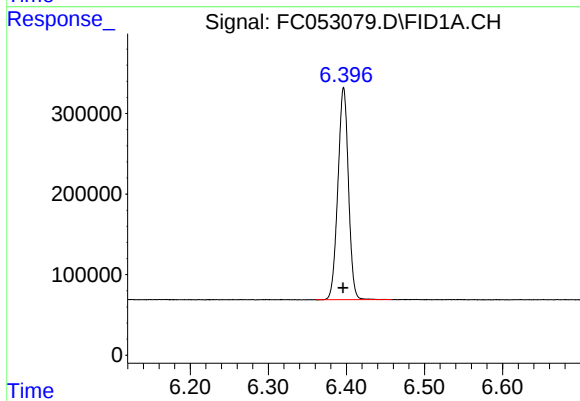
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 2414806
Conc: 19.18 ug/ml



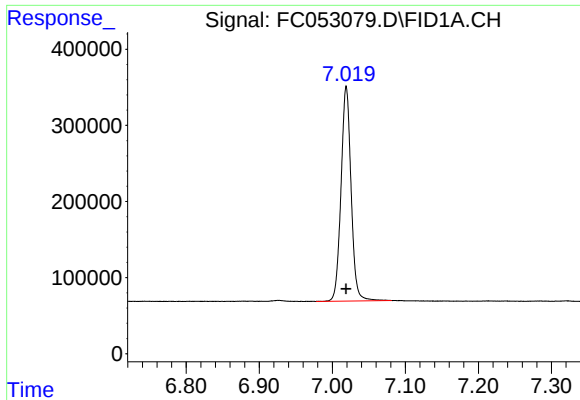
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 2647969
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

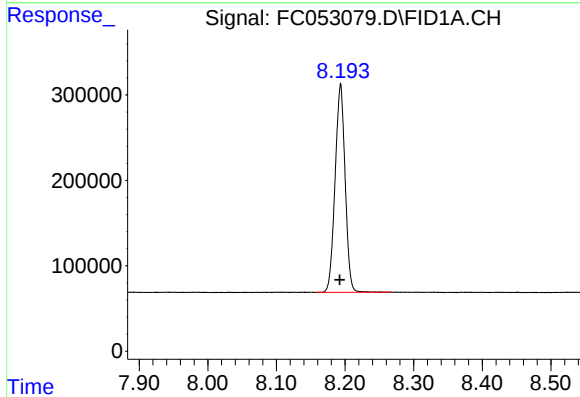
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 2475270
Conc: 19.33 ug/ml



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

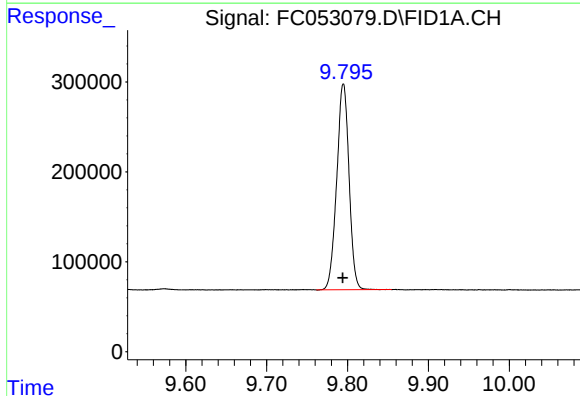
R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 2698140
Conc: 19.09 ug/ml

Instrument :
FID_C
ClientSampleId :



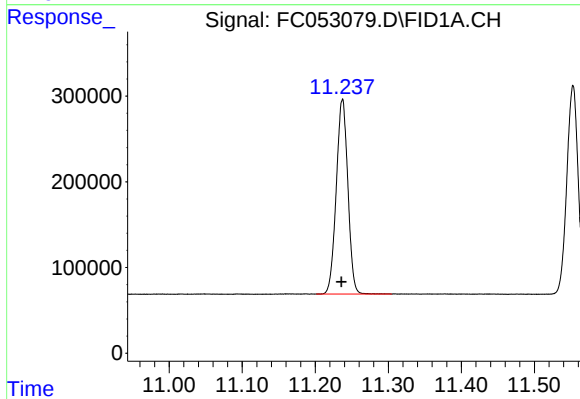
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: 0.001 min
Response: 2474442
Conc: 19.23 ug/ml



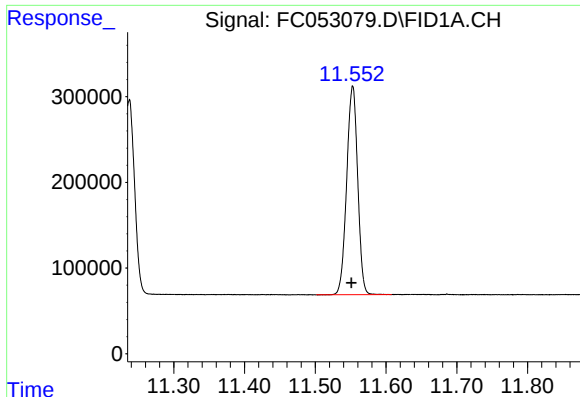
#7 n-Hexadecane (C16)

R.T.: 9.795 min
Delta R.T.: 0.000 min
Response: 2425288
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

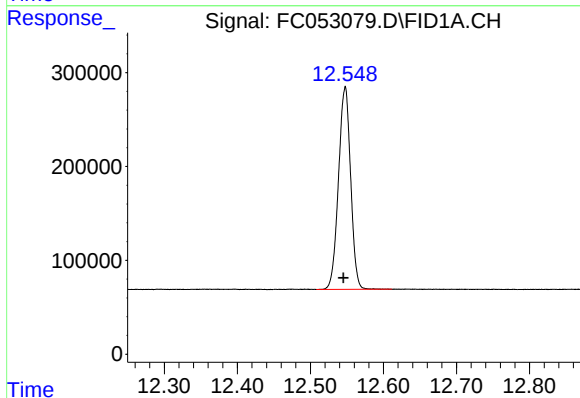
R.T.: 11.237 min
Delta R.T.: 0.001 min
Response: 2507728
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

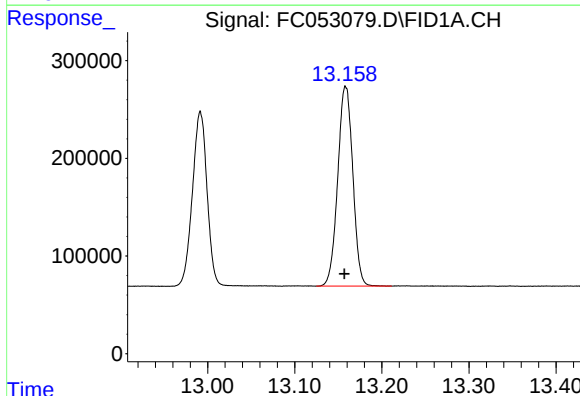
R.T.: 11.553 min
Delta R.T.: 0.001 min
Response: 2633222
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :



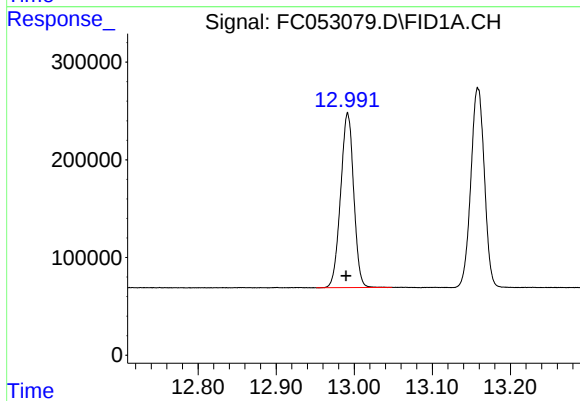
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: 0.002 min
Response: 2490565
Conc: 18.13 ug/ml



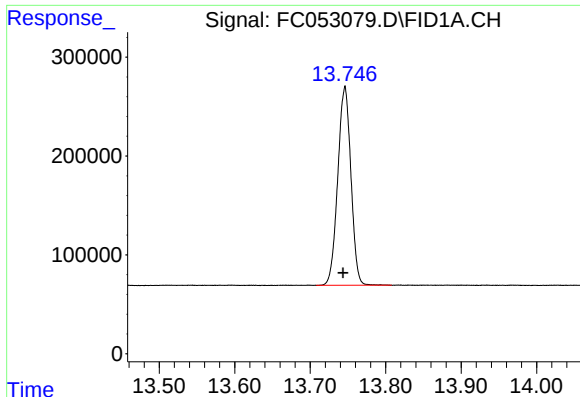
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.001 min
Response: 2457980
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

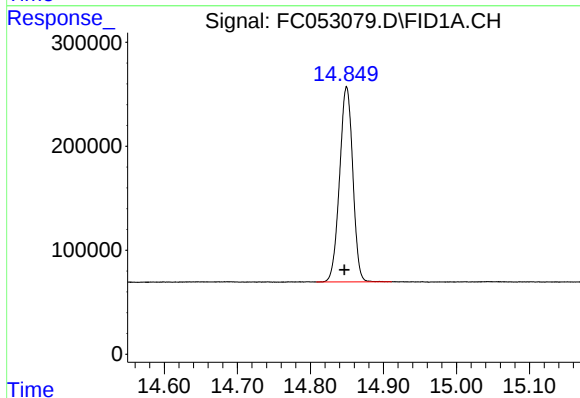
R.T.: 12.992 min
Delta R.T.: 0.002 min
Response: 2082488
Conc: 18.02 ug/ml



#13 n-Docosane (C22)

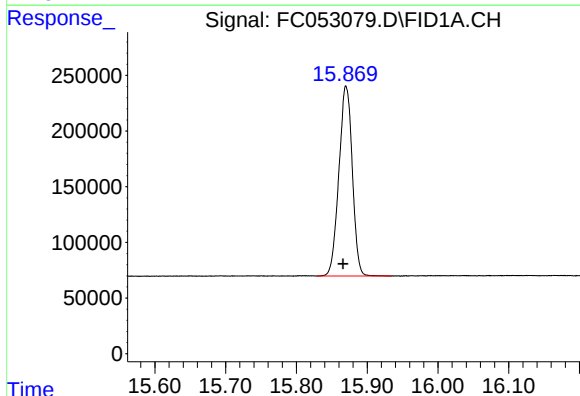
R.T.: 13.746 min
Delta R.T.: 0.002 min
Response: 2433743
Conc: 17.66 ug/ml

Instrument :
FID_C
ClientSampleId :



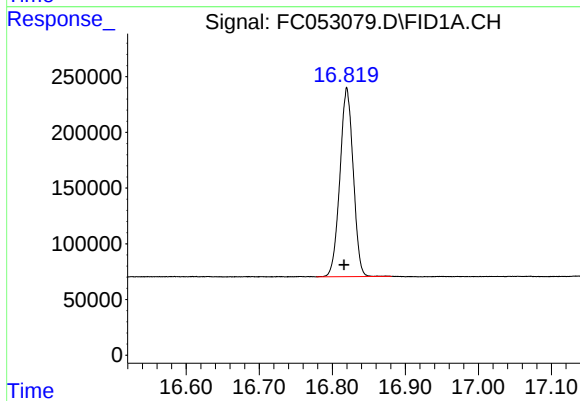
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.003 min
Response: 2354479
Conc: 17.08 ug/ml



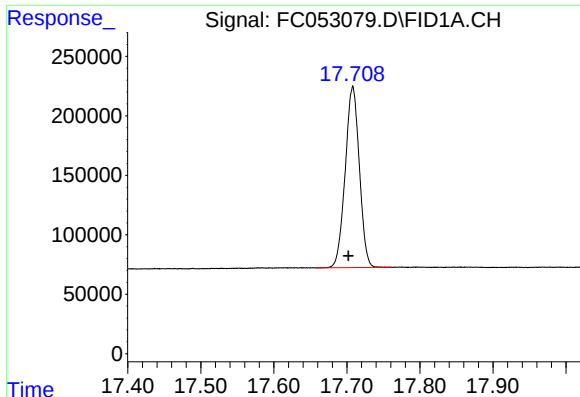
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.004 min
Response: 2245085
Conc: 16.56 ug/ml



#16 n-Octacosane (C28)

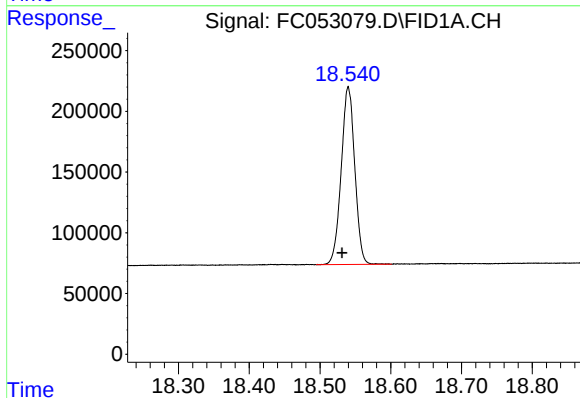
R.T.: 16.820 min
Delta R.T.: 0.004 min
Response: 2146143
Conc: 16.10 ug/ml



#17 n-Tricontane (C30)

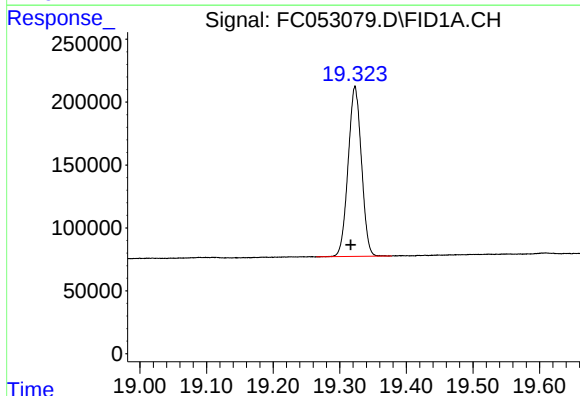
R.T.: 17.708 min
Delta R.T.: 0.006 min
Response: 2047608
Conc: 15.95 ug/ml

Instrument :
FID_C
ClientSampleId :



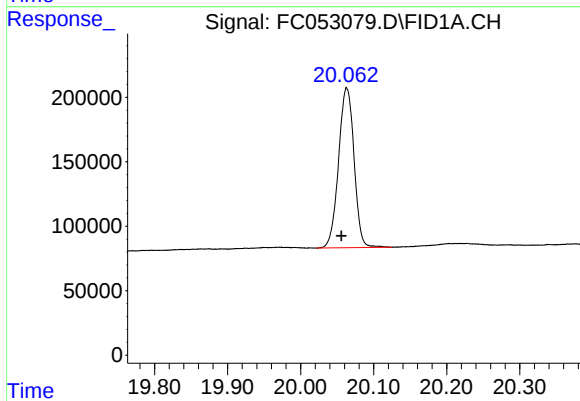
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: 0.009 min
Response: 1947399
Conc: 16.30 ug/ml



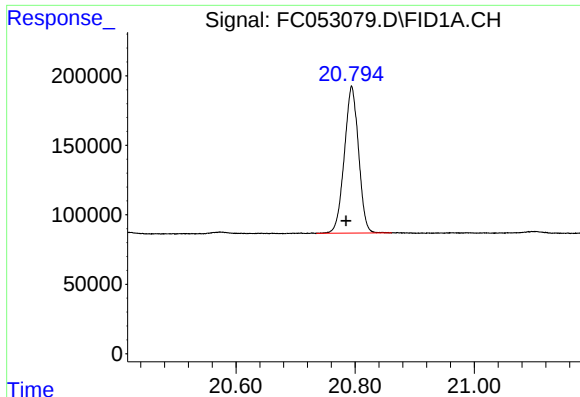
#19 n-Tetratriacontane (C34)

R.T.: 19.323 min
Delta R.T.: 0.007 min
Response: 1879241
Conc: 16.97 ug/ml



#20 n-Hexatriacontane (C36)

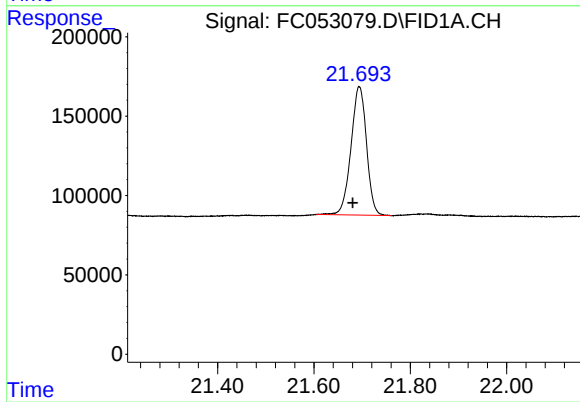
R.T.: 20.063 min
Delta R.T.: 0.007 min
Response: 1828961
Conc: 18.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: 0.010 min
Response: 1752328
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: 0.014 min
Response: 1816441
Conc: 22.69 ug/ml