

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052532.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 5:05
 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: Mar 19 06:01:57 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.569	2879689	21.484 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
12) S 1-chlorooctadecane (S...	13.006	2293574	21.265 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T n-Nonane (C9)	3.328	2517882	21.678 ug/ml
2) T n-Decane (C10)	4.394	2549313	21.755 ug/ml
3) T A~Naphthalene (C11.7)	5.979	2844425	21.725 ug/ml
4) T n-Dodecane (C12)	6.413	2623523	21.851 ug/ml
5) T A~2-methylnaphthalene...	7.036	2925310	21.854 ug/ml
6) T n-Tetradecane (C14)	8.210	2645139	21.870 ug/ml
7) T n-Hexadecane (C16)	9.811	2624167	21.819 ug/ml
8) T n-Octadecane (C18)	11.253	2728938	21.629 ug/ml
10) T n-Eicosane (C20)	12.562	2720362	21.304 ug/ml
11) T n-Heneicosane (C21)	13.173	2692918	21.186 ug/ml
13) T n-Docosane (C22)	13.759	2663170	21.023 ug/ml
14) T n-Tetracosane (C24)	14.861	2578207	20.639 ug/ml
15) T n-Hexacosane (C26)	15.882	2436136	20.232 ug/ml
16) T n-Octacosane (C28)	16.831	2311346	20.047 ug/ml
17) T n-Tricontane (C30)	17.718	2188347	20.086 ug/ml
18) T n-Dotriacontane (C32)	18.548	2045658	20.387 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1936527	21.068 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1840813	20.187 ug/ml
21) T n-Octatriacontane (C38)	20.802	1789146	21.922 ug/ml
22) T n-Tetracontane (C40)	21.708	1893029	21.976 ug/ml

(f)=RT Delta > 1/2 Window

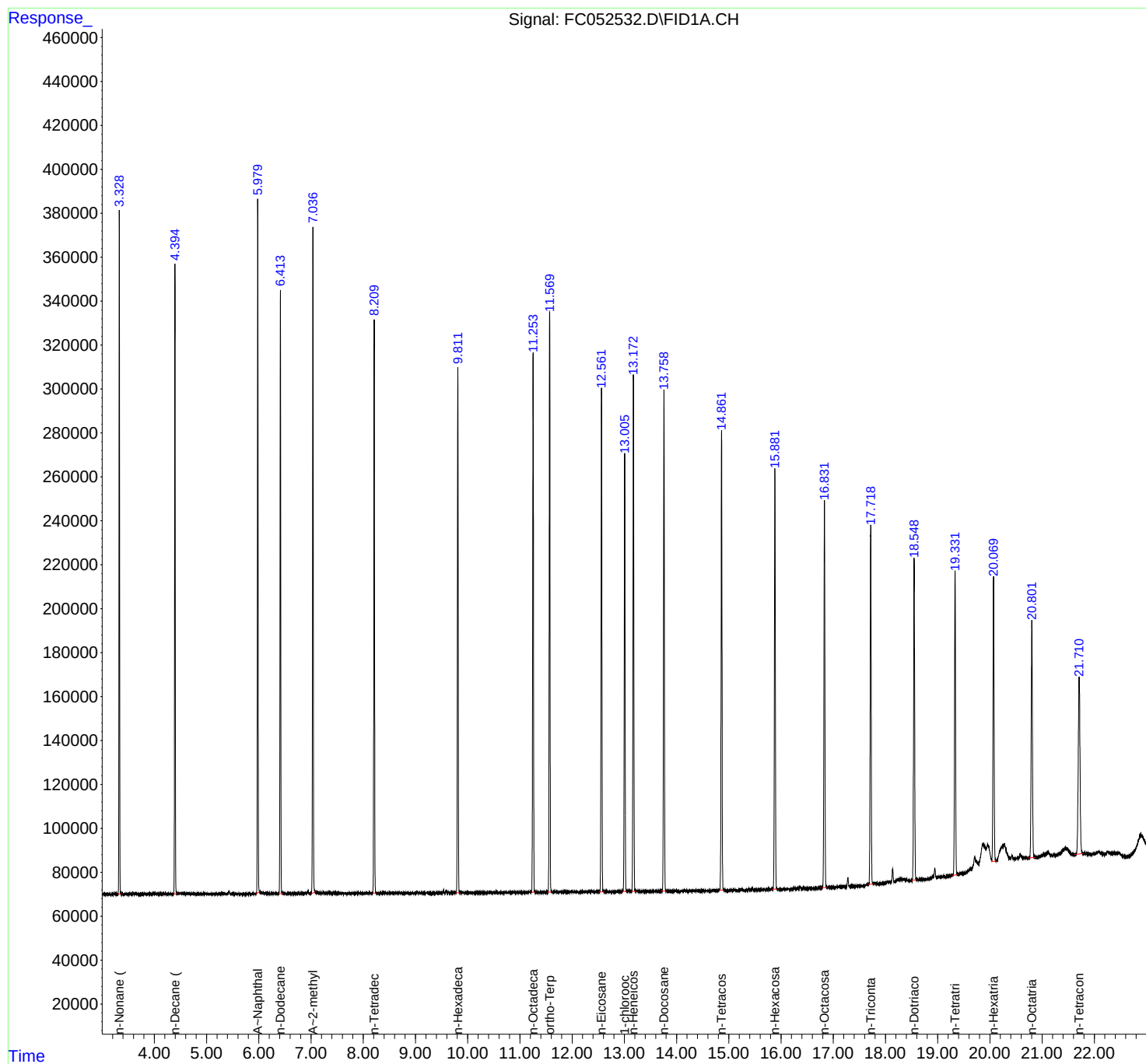
(m)=manual int.

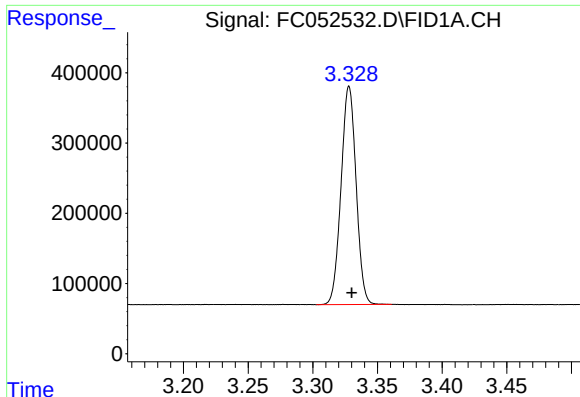
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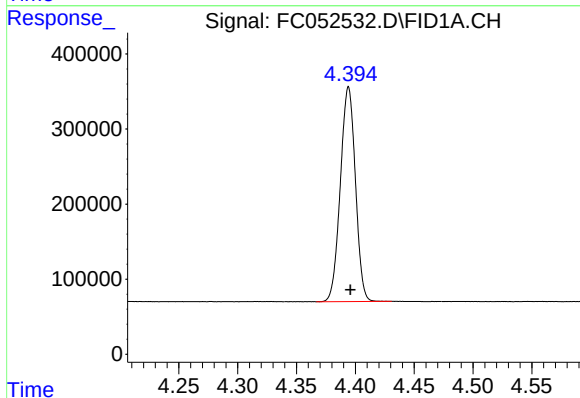




#1 n-Nonane (C9)

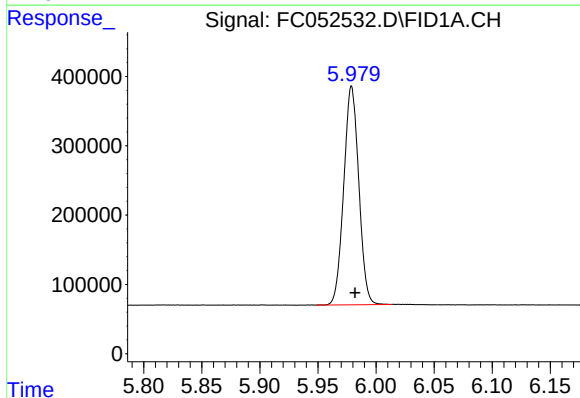
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 2517882
Conc: 21.68 ug/ml

Instrument :
FID_C
ClientSampleId :



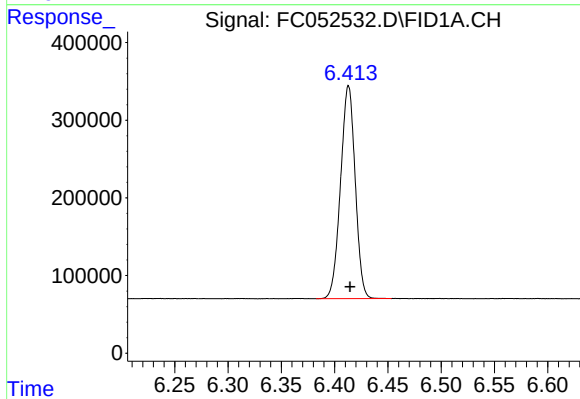
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.001 min
Response: 2549313
Conc: 21.75 ug/ml



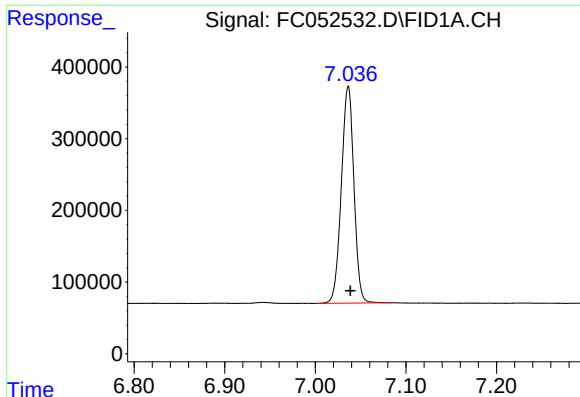
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 2844425
Conc: 21.73 ug/ml



#4 n-Dodecane (C12)

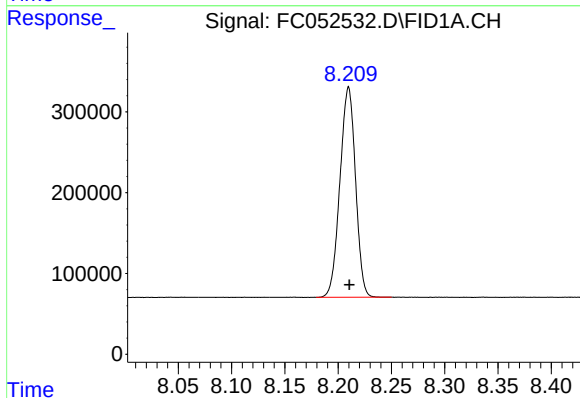
R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 2623523
Conc: 21.85 ug/ml



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

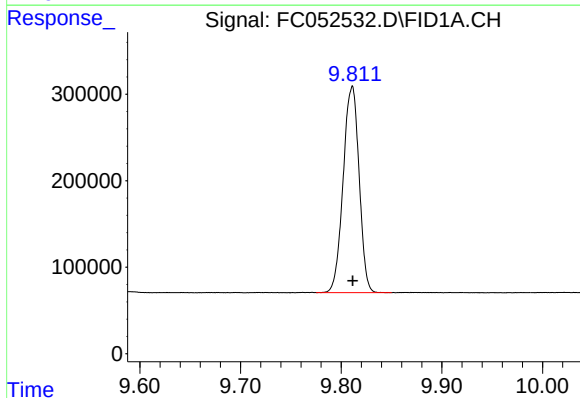
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2925310
Conc: 21.85 ug/ml

Instrument :
FID_C
ClientSampleId :



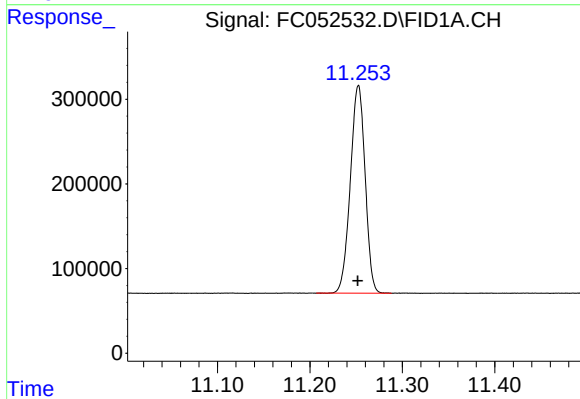
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2645139
Conc: 21.87 ug/ml



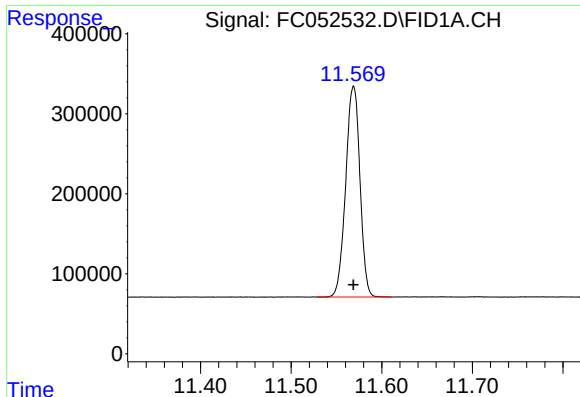
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: 0.000 min
Response: 2624167
Conc: 21.82 ug/ml



#8 n-Octadecane (C18)

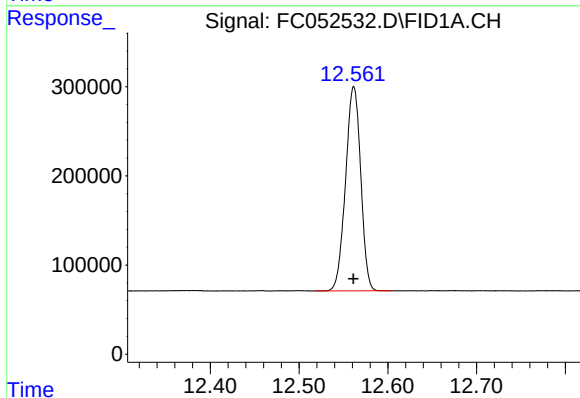
R.T.: 11.253 min
Delta R.T.: 0.000 min
Response: 2728938
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

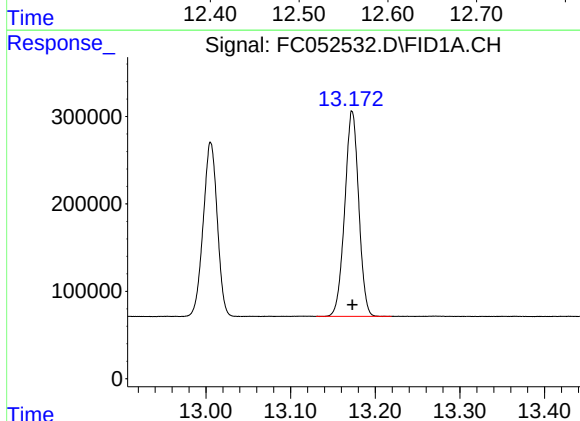
R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2879689
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



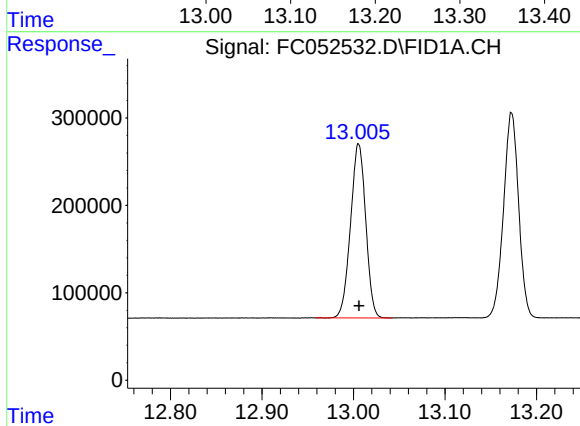
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 2720362
Conc: 21.30 ug/ml



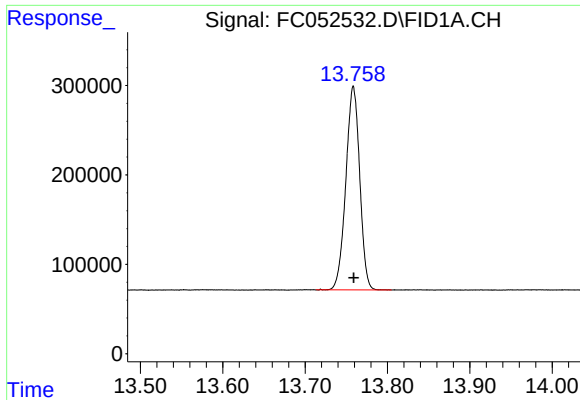
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: 0.000 min
Response: 2692918
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

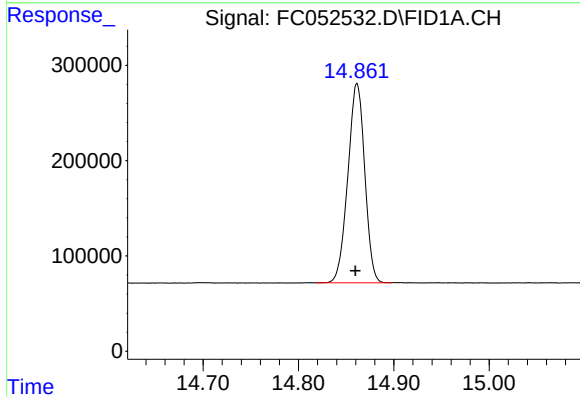
R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 2293574
Conc: 21.26 ug/ml



#13 n-Docosane (C22)

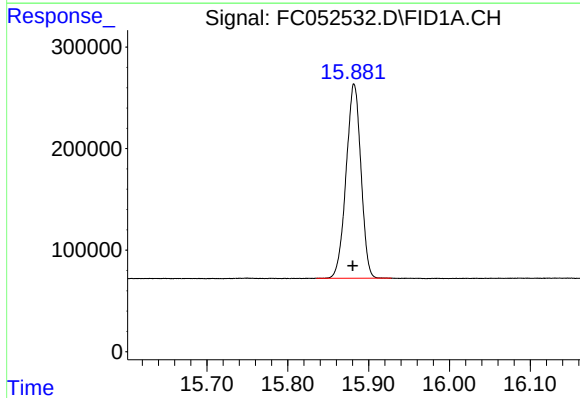
R.T.: 13.759 min
Delta R.T.: 0.000 min
Response: 2663170
Conc: 21.02 ug/ml

Instrument :
FID_C
ClientSampleId :



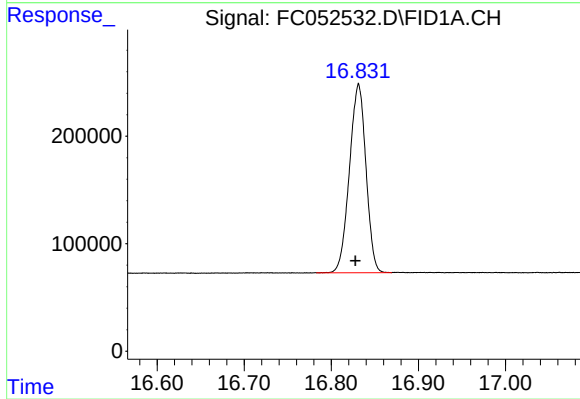
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.002 min
Response: 2578207
Conc: 20.64 ug/ml



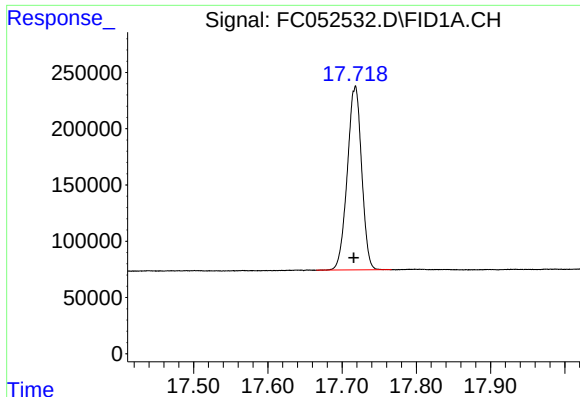
#15 n-Hexacosane (C26)

R.T.: 15.882 min
Delta R.T.: 0.002 min
Response: 2436136
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

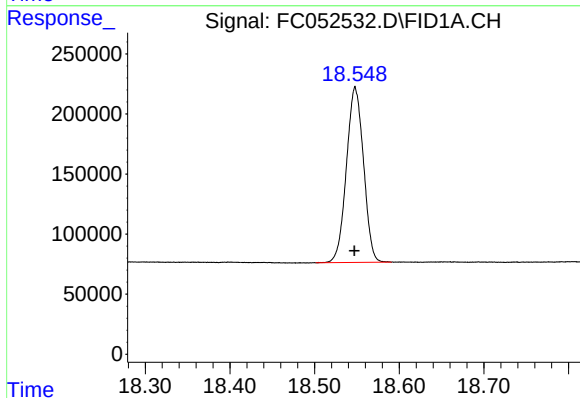
R.T.: 16.831 min
Delta R.T.: 0.004 min
Response: 2311346
Conc: 20.05 ug/ml



#17 n-Tricontane (C30)

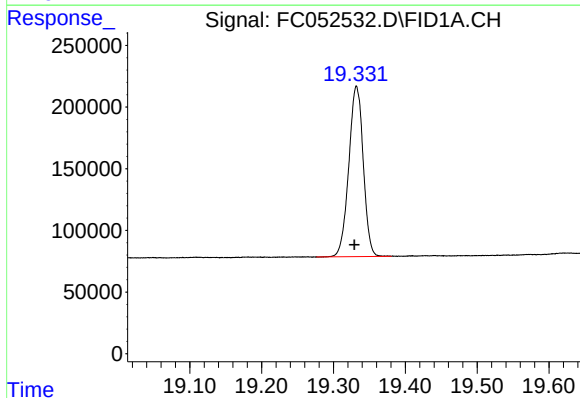
R.T.: 17.718 min
Delta R.T.: 0.002 min
Response: 2188347
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :



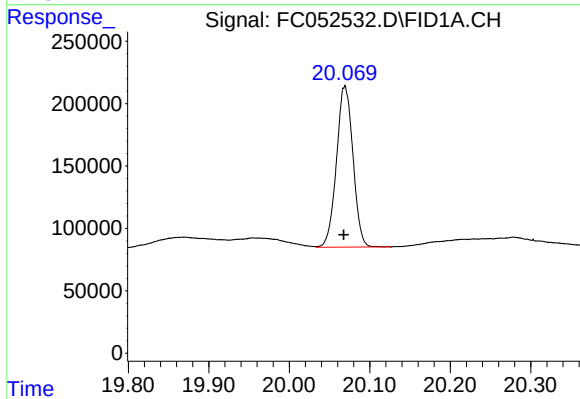
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.000 min
Response: 2045658
Conc: 20.39 ug/ml



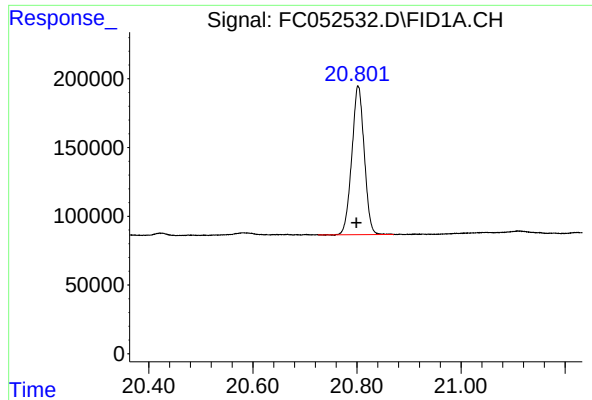
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.003 min
Response: 1936527
Conc: 21.07 ug/ml



#20 n-Hexatriacontane (C36)

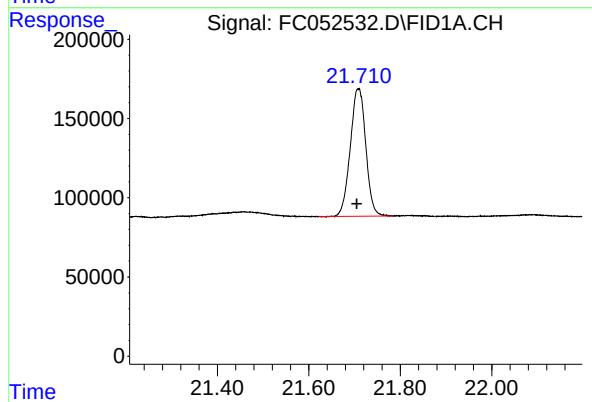
R.T.: 20.069 min
Delta R.T.: 0.001 min
Response: 1840813
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.003 min
Response: 1789146
Conc: 21.92 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: 0.003 min
Response: 1893029
Conc: 21.98 ug/ml