

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090320AL\
 Data File : FC049404.D
 Signal(s) : FID1A.CH
 Acq On : 03 Sep 2020 10:58
 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: Sep 04 01:42:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.670	2486735	20.929 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
12) S 1-chlorooctadecane (S...	13.102	2027272	20.840 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.402	2148544	20.600 ug/ml
2) T n-Decane (C10)	4.477	2231001	21.270 ug/ml
3) T A~Naphthalene (C11.7)	6.074	2542665	21.500 ug/ml
4) T n-Dodecane (C12)	6.502	2298462	21.670 ug/ml
5) T A~2-methylnaphthalene...	7.134	2615749	21.695 ug/ml
6) T n-Tetradecane (C14)	8.300	2314649	21.980 ug/ml
7) T n-Hexadecane (C16)	9.903	2308522	21.994 ug/ml
8) T n-Octadecane (C18)	11.347	2408837	21.926 ug/ml
10) T n-Eicosane (C20)	12.657	2383603	21.420 ug/ml
11) T n-Heneicosane (C21)	13.268	2351393	21.049 ug/ml
13) T n-Docosane (C22)	13.855	2328256	20.714 ug/ml
14) T n-Tetracosane (C24)	14.956	2247519	19.769 ug/ml
15) T n-Hexacosane (C26)	15.976	2159707	18.876 ug/ml
16) T n-Octacosane (C28)	16.925	2120712	18.229 ug/ml
17) T n-Tricontane (C30)	17.810	2091670	18.094 ug/ml
18) T n-Dotriacontane (C32)	18.642	1952008	18.053 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1845476	17.793 ug/ml
20) T n-Hexatriacontane (C36)	20.162	1768909	17.791 ug/ml
21) T n-Octatriacontane (C38)	20.917	1707791	18.060 ug/ml
22) T n-Tetracontane (C40)	21.859	1739976	18.226 ug/ml

(f)=RT Delta > 1/2 Window

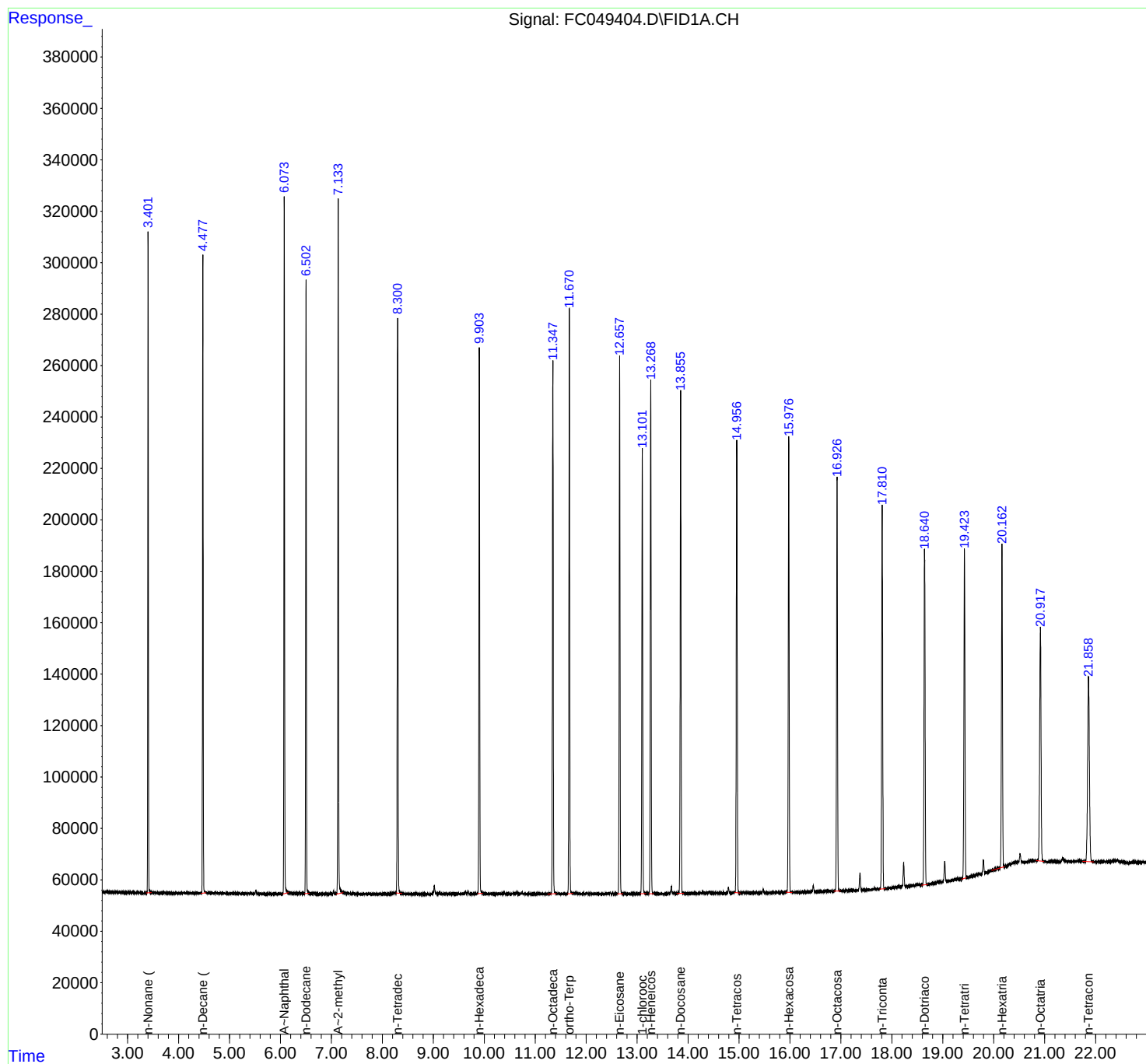
(m)=manual int.

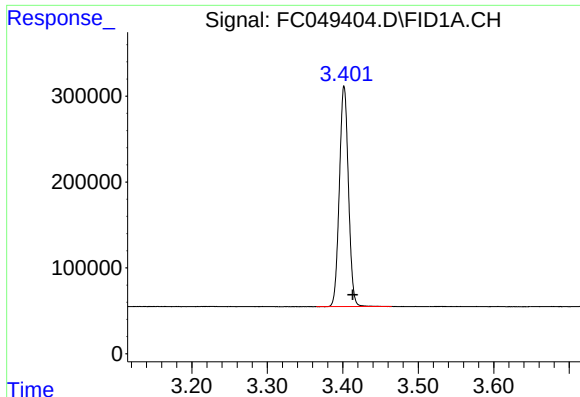
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Instrument :
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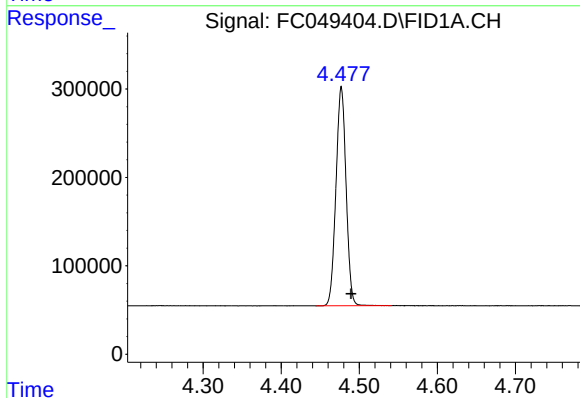




#1 n-Nonane (C9)

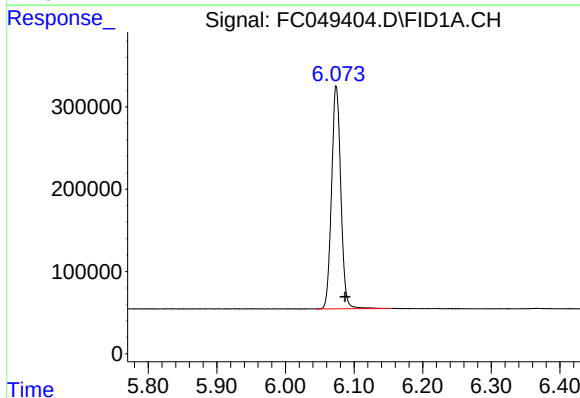
R.T.: 3.402 min
Delta R.T.: -0.011 min
Response: 2148544
Conc: 20.60 ug/ml

Instrument :
FID_C
ClientSampleId :



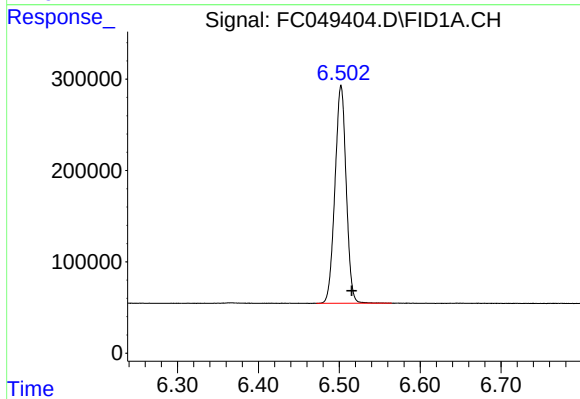
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.012 min
Response: 2231001
Conc: 21.27 ug/ml



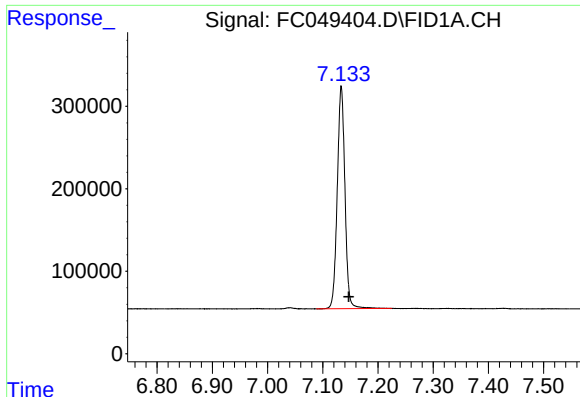
#3 A~Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: -0.013 min
Response: 2542665
Conc: 21.50 ug/ml



#4 n-Dodecane (C12)

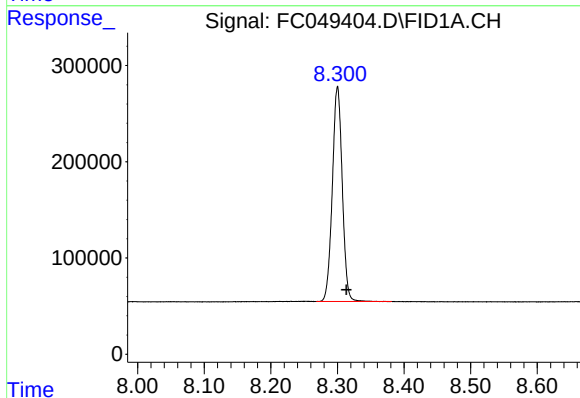
R.T.: 6.502 min
Delta R.T.: -0.013 min
Response: 2298462
Conc: 21.67 ug/ml



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

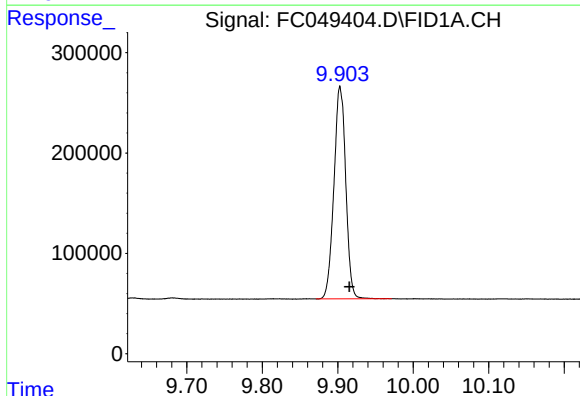
R.T.: 7.134 min
Delta R.T.: -0.014 min
Response: 2615749
Conc: 21.69 ug/ml

Instrument :
FID_C
ClientSampleId :



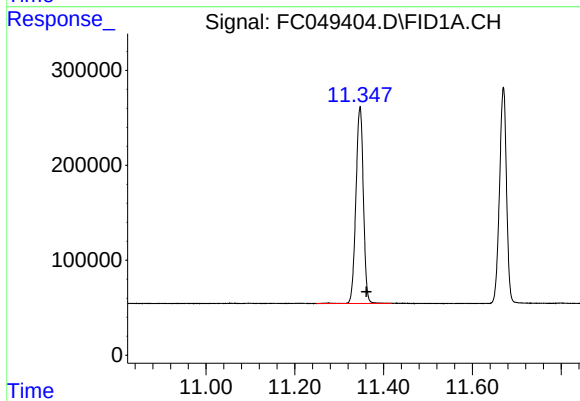
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.013 min
Response: 2314649
Conc: 21.98 ug/ml



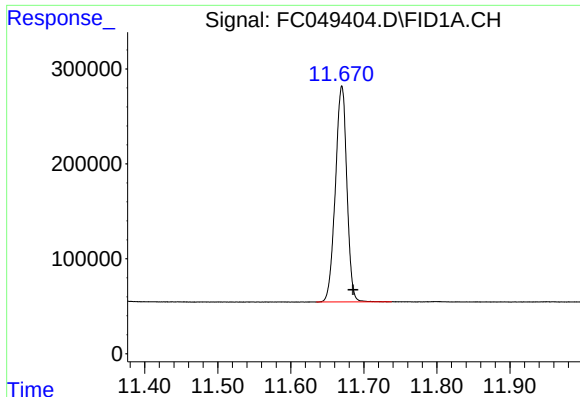
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: -0.012 min
Response: 2308522
Conc: 21.99 ug/ml



#8 n-Octadecane (C18)

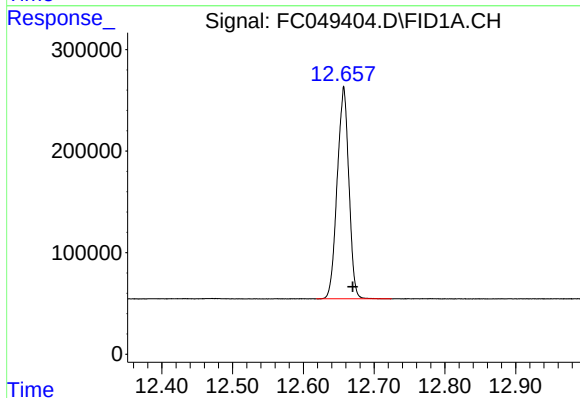
R.T.: 11.347 min
Delta R.T.: -0.014 min
Response: 2408837
Conc: 21.93 ug/ml



#9 ortho-Terphenyl (SURR)

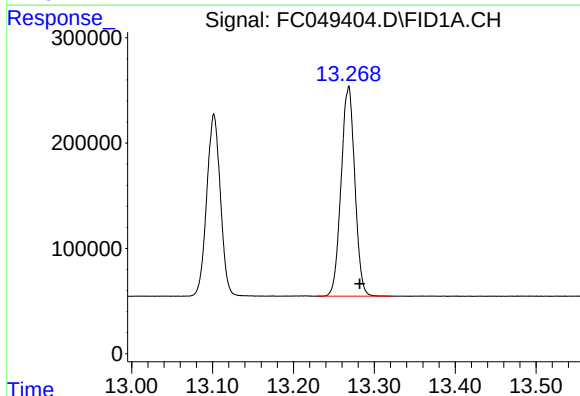
R.T.: 11.670 min
Delta R.T.: -0.016 min
Response: 2486735
Conc: 20.93 ug/ml

Instrument :
FID_C
ClientSampleId :



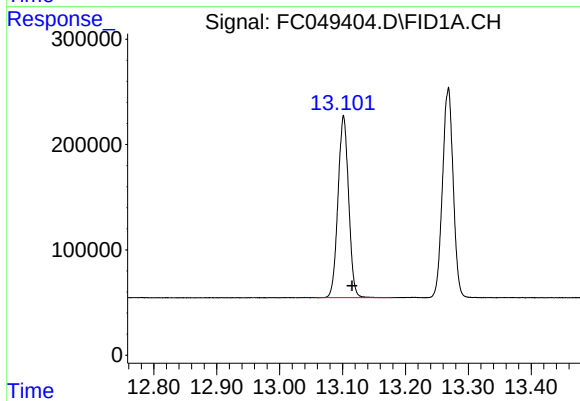
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.013 min
Response: 2383603
Conc: 21.42 ug/ml



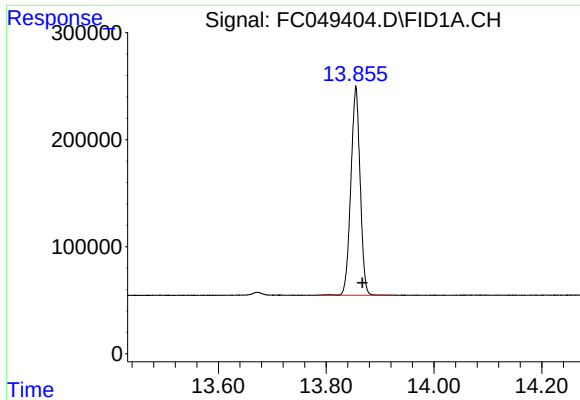
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.014 min
Response: 2351393
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

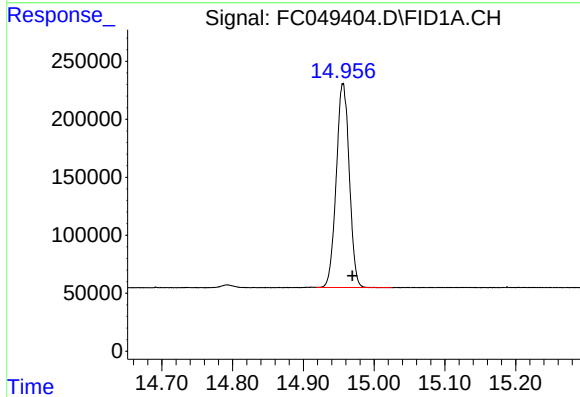
R.T.: 13.102 min
Delta R.T.: -0.013 min
Response: 2027272
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

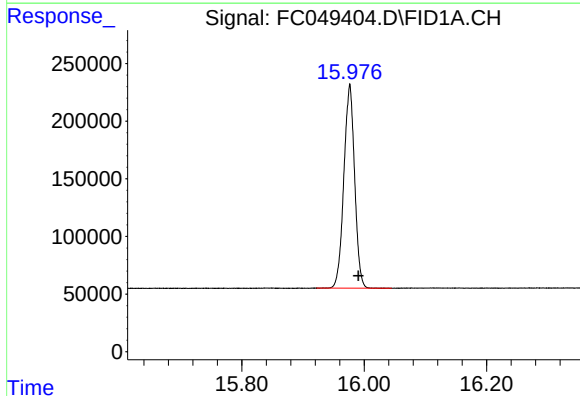
R.T.: 13.855 min
Delta R.T.: -0.012 min
Response: 2328256
Conc: 20.71 ug/ml

Instrument :
FID_C
ClientSampleId :



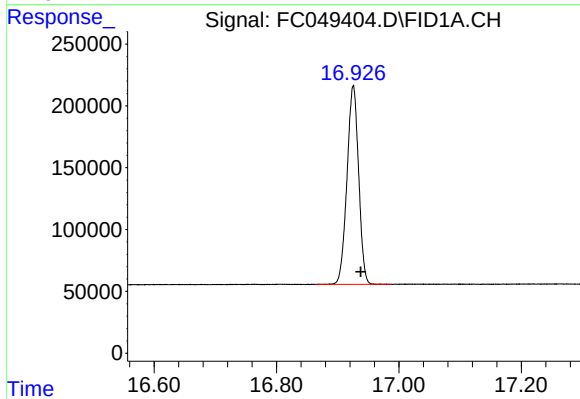
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.013 min
Response: 2247519
Conc: 19.77 ug/ml



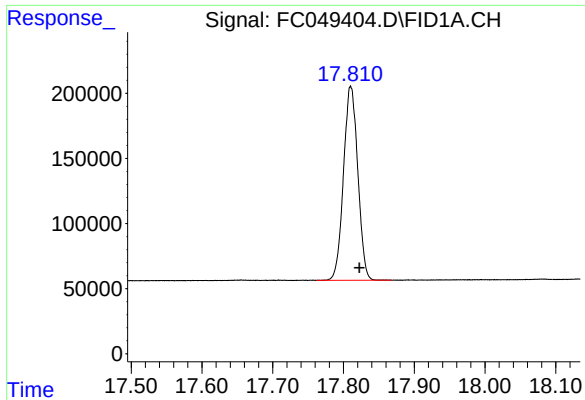
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: -0.014 min
Response: 2159707
Conc: 18.88 ug/ml



#16 n-Octacosane (C28)

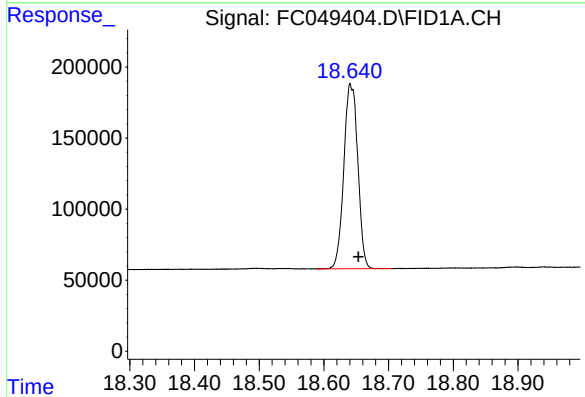
R.T.: 16.925 min
Delta R.T.: -0.012 min
Response: 2120712
Conc: 18.23 ug/ml



#17 n-Tricontane (C30)

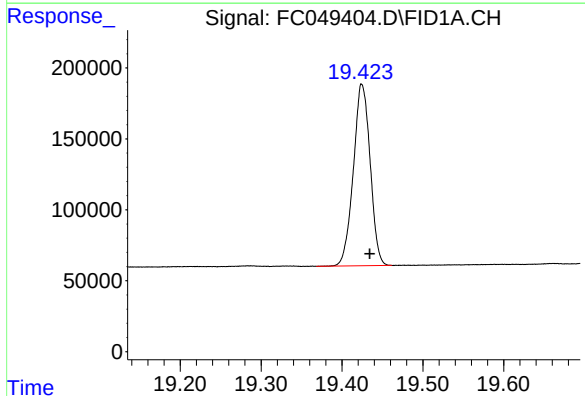
R.T.: 17.810 min
Delta R.T.: -0.012 min
Response: 2091670
Conc: 18.09 ug/ml

Instrument :
FID_C
ClientSampleId :



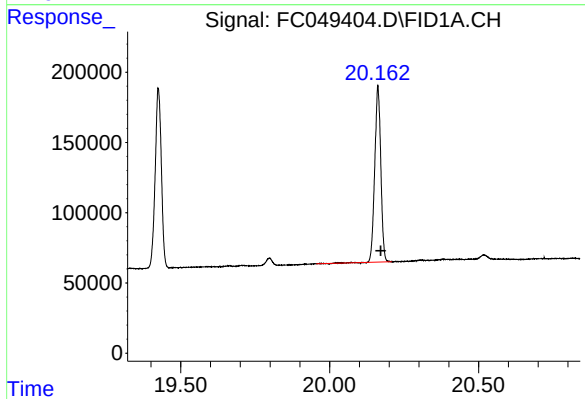
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: -0.011 min
Response: 1952008
Conc: 18.05 ug/ml



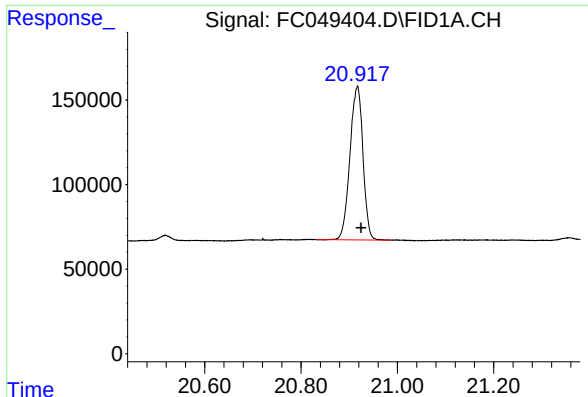
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.009 min
Response: 1845476
Conc: 17.79 ug/ml



#20 n-Hexatriacontane (C36)

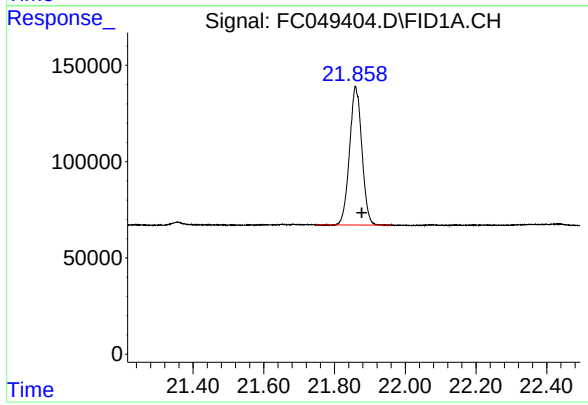
R.T.: 20.162 min
Delta R.T.: -0.010 min
Response: 1768909
Conc: 17.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.007 min
Response: 1707791
Conc: 18.06 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.017 min
Response: 1739976
Conc: 18.23 ug/ml