

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020420AL\
 Data File : FC045659.D
 Signal(s) : FID1A.CH
 Acq On : 04 Feb 2020 15:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 05 01:13:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.764	2063307	18.769 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.185	1584927	18.229 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T n-Nonane (C9)	3.519	2022972	20.915 ug/ml
2) T n-Decane (C10)	4.594	2040467	21.068 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2192999	20.533 ug/ml
4) T n-Dodecane (C12)	6.612	2043484	20.903 ug/ml
5) T A~2-methylnaphthalene...	7.253	2197144	20.497 ug/ml
6) T n-Tetradecane (C14)	8.401	2007047	20.367 ug/ml
7) T n-Hexadecane (C16)	9.995	1981308	19.790 ug/ml
8) T n-Octadecane (C18)	11.432	1957133	19.215 ug/ml
10) T n-Eicosane (C20)	12.738	1915255	18.676 ug/ml
11) T n-Heneicosane (C21)	13.348	1896533	18.323 ug/ml
13) T n-Docosane (C22)	13.933	1862128	18.048 ug/ml
14) T n-Tetracosane (C24)	15.031	1825711	17.570 ug/ml
15) T n-Hexacosane (C26)	16.050	1784251	17.270 ug/ml
16) T n-Octacosane (C28)	16.998	1757979	17.199 ug/ml
17) T n-Tricontane (C30)	17.883	1715108	17.471 ug/ml
18) T n-Dotriacontane (C32)	18.712	1480421	17.791 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1276886	18.043 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1183251	18.454 ug/ml
21) T n-Octatriacontane (C38)	21.000	1100370	18.813 ug/ml
22) T n-Tetracontane (C40)	21.968	1128065	19.122 ug/ml

(f)=RT Delta > 1/2 Window

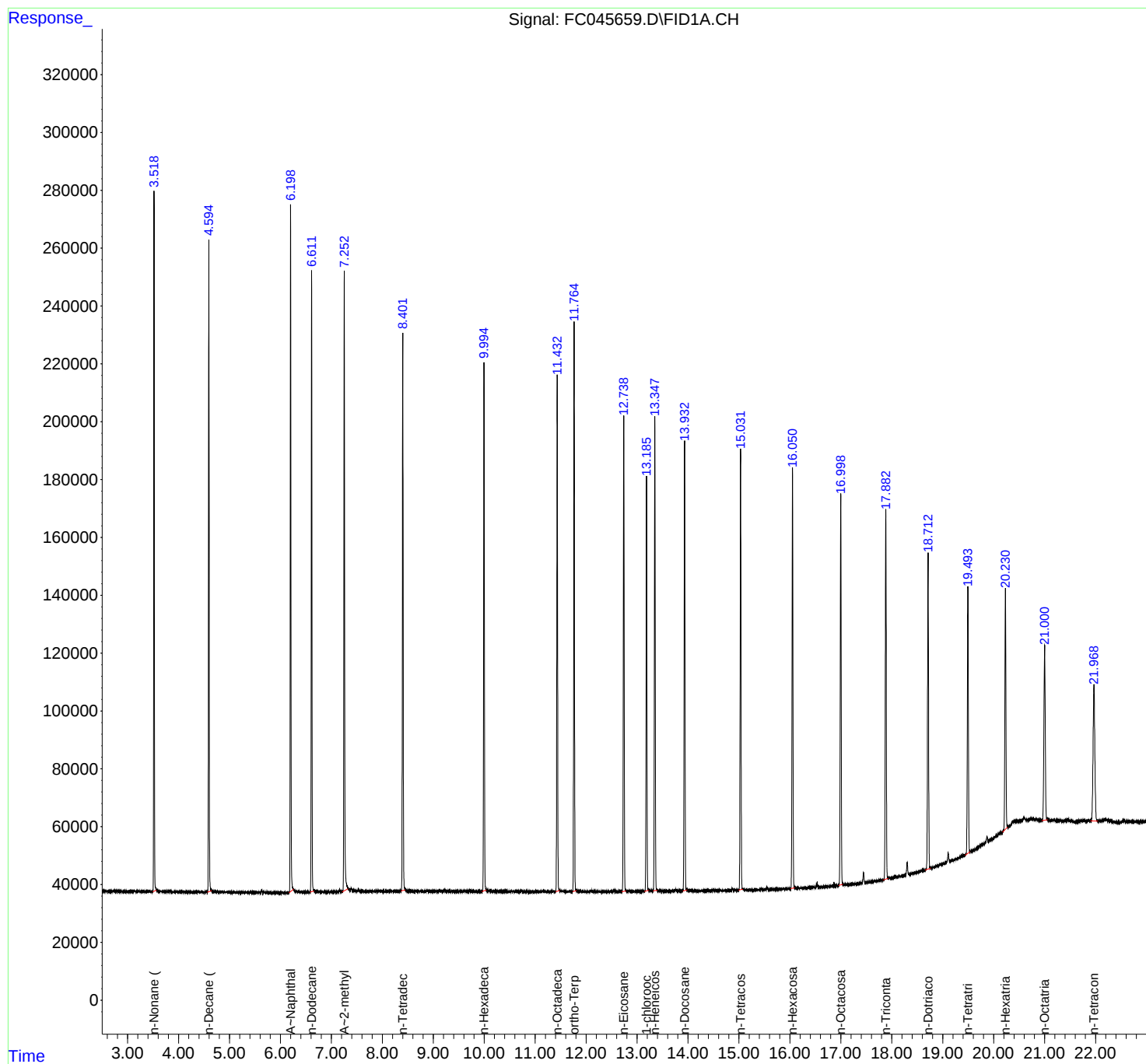
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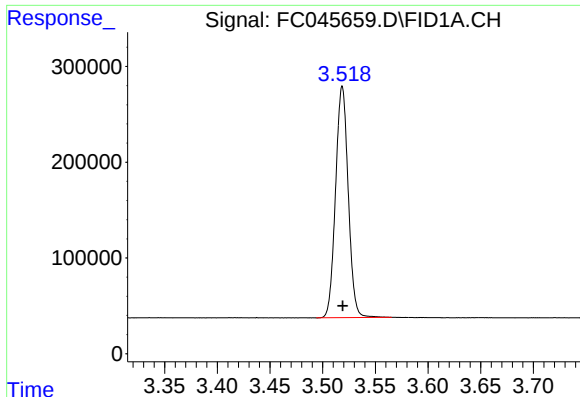
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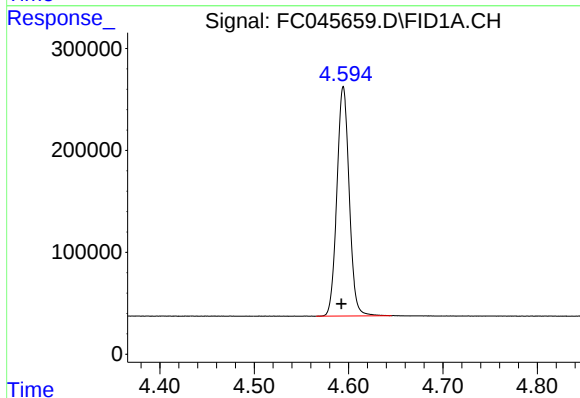




#1 n-Nonane (C9)

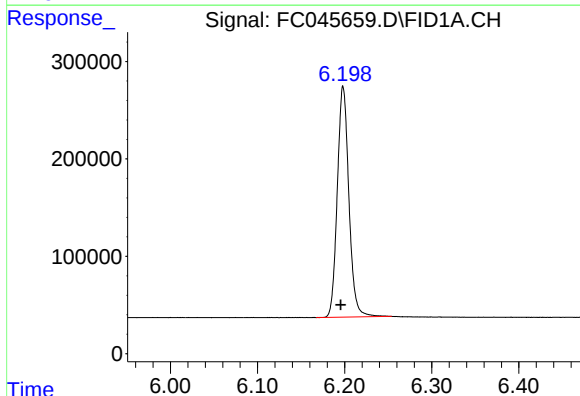
R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 2022972
Conc: 20.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



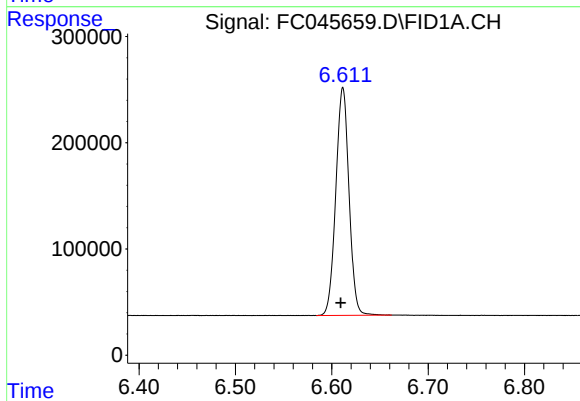
#2 n-Decane (C10)

R.T.: 4.594 min
Delta R.T.: 0.002 min
Response: 2040467
Conc: 21.07 ug/ml



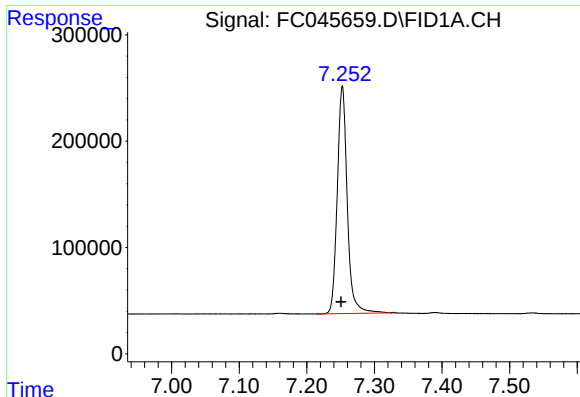
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2192999
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

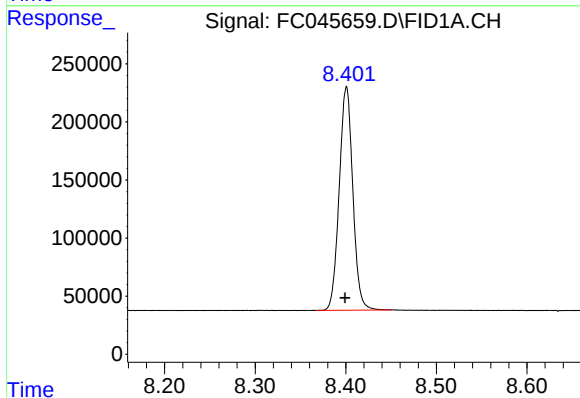
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 2043484
Conc: 20.90 ug/ml



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

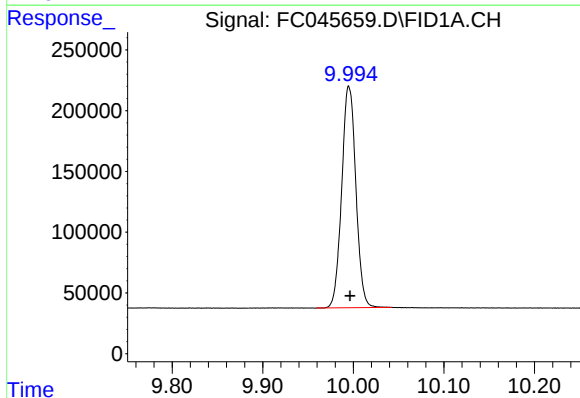
R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2197144
Conc: 20.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



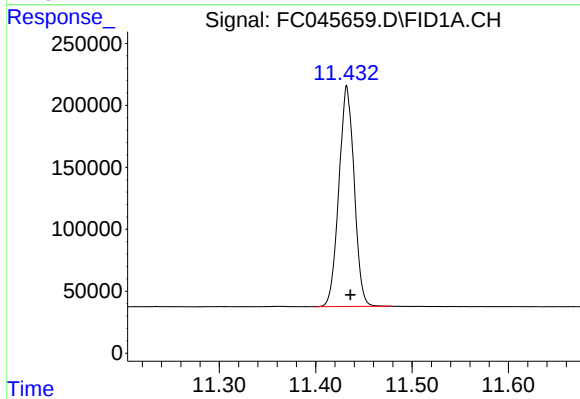
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.001 min
Response: 2007047
Conc: 20.37 ug/ml



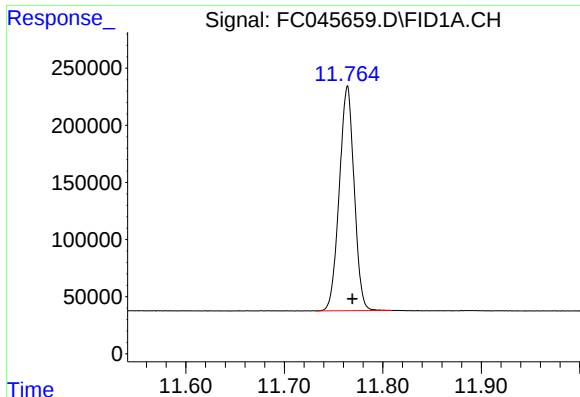
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 1981308
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

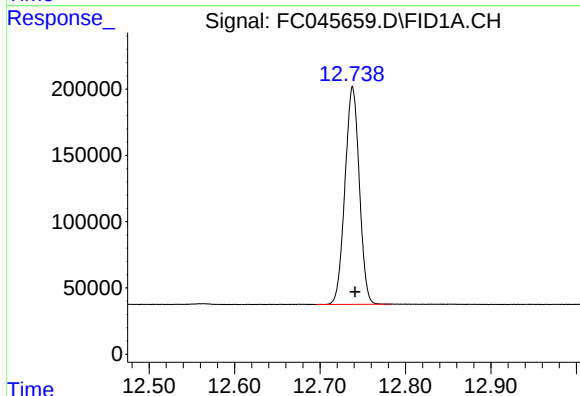
R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 1957133
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

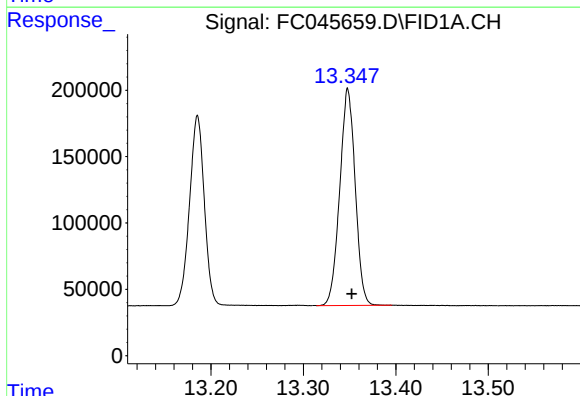
R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2063307
Conc: 18.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



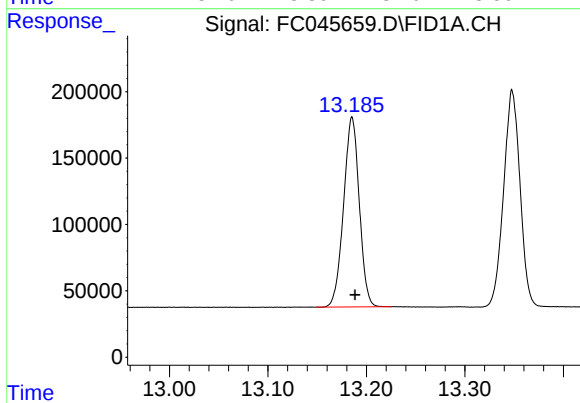
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 1915255
Conc: 18.68 ug/ml



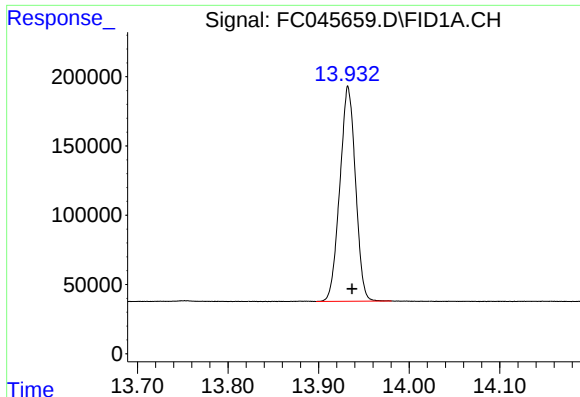
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.004 min
Response: 1896533
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

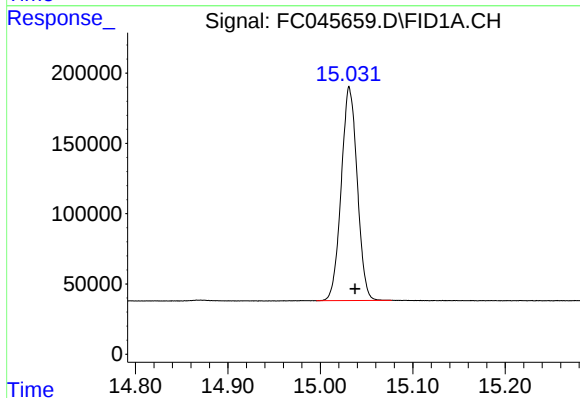
R.T.: 13.185 min
Delta R.T.: -0.003 min
Response: 1584927
Conc: 18.23 ug/ml



#13 n-Docosane (C22)

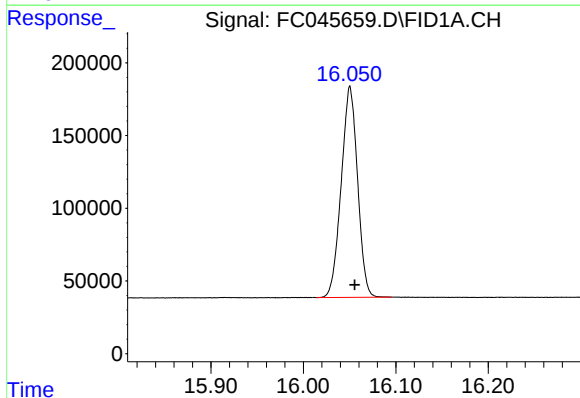
R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 1862128
Conc: 18.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



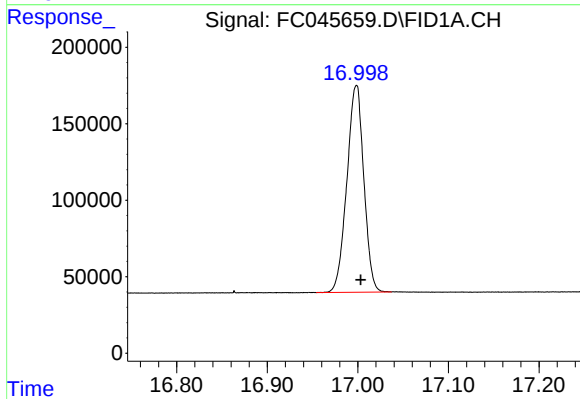
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.006 min
Response: 1825711
Conc: 17.57 ug/ml



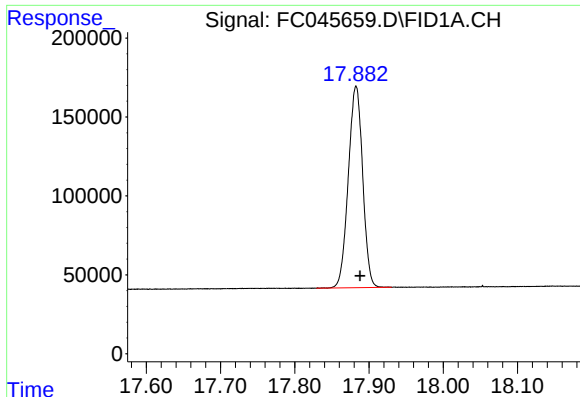
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.005 min
Response: 1784251
Conc: 17.27 ug/ml



#16 n-Octacosane (C28)

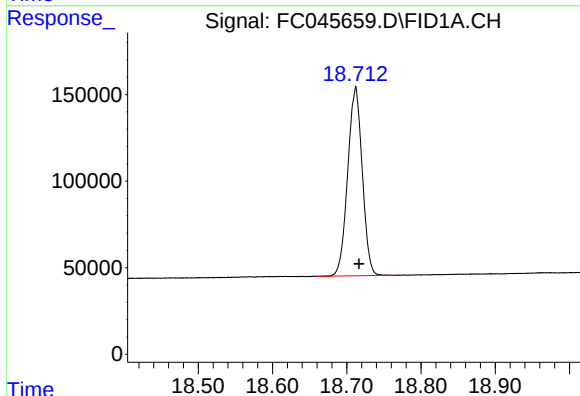
R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 1757979
Conc: 17.20 ug/ml



#17 n-Tricontane (C30)

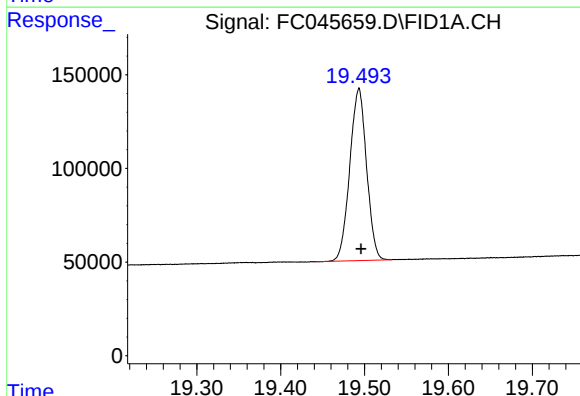
R.T.: 17.883 min
Delta R.T.: -0.005 min
Response: 1715108
Conc: 17.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



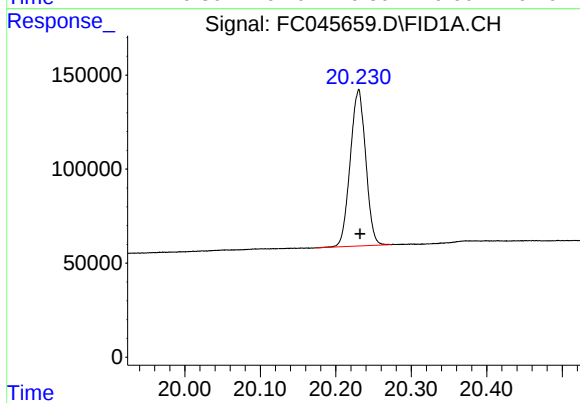
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.005 min
Response: 1480421
Conc: 17.79 ug/ml



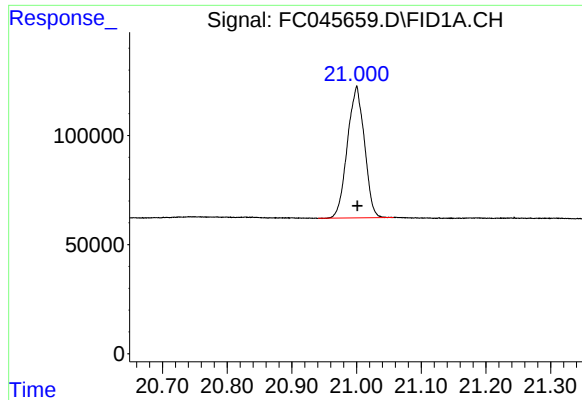
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 1276886
Conc: 18.04 ug/ml



#20 n-Hexatriacontane (C36)

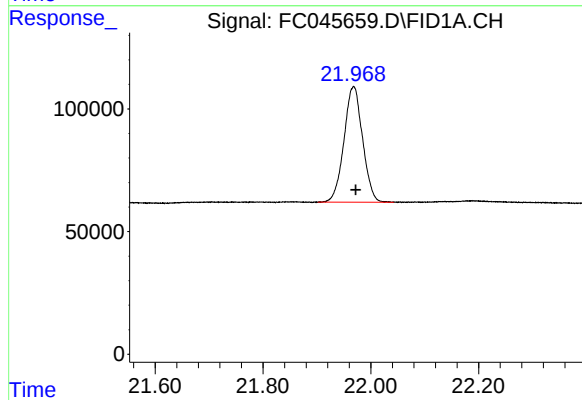
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 1183251
Conc: 18.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.001 min
Response: 1100370
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.004 min
Response: 1128065
Conc: 19.12 ug/ml