

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
 Data File : FC049671.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2020 22:31
 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: sample.E
 Quant Time: Sep 22 00:40:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.662	2042686	17.779 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
12) S 1-chlorooctadecane (S...	13.094	1563236	17.550 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
Target Compounds			
1) T n-Nonane (C9)	3.400	2074599	20.054 ug/ml
2) T n-Decane (C10)	4.473	2080888	20.034 ug/ml
3) T A~Naphthalene (C11.7)	6.070	2245693	19.531 ug/ml
4) T n-Dodecane (C12)	6.497	2080431	19.681 ug/ml
5) T A~2-methylnaphthalene...	7.128	2248876	19.235 ug/ml
6) T n-Tetradecane (C14)	8.294	2028021	19.224 ug/ml
7) T n-Hexadecane (C16)	9.896	1943713	18.677 ug/ml
8) T n-Octadecane (C18)	11.339	1962598	18.262 ug/ml
10) T n-Eicosane (C20)	12.649	1910497	17.842 ug/ml
11) T n-Heneicosane (C21)	13.261	1877472	17.643 ug/ml
13) T n-Docosane (C22)	13.846	1854628	17.526 ug/ml
14) T n-Tetracosane (C24)	14.949	1815486	17.349 ug/ml
15) T n-Hexacosane (C26)	15.970	1778010	17.393 ug/ml
16) T n-Octacosane (C28)	16.919	1783924	17.751 ug/ml
17) T n-Tricontane (C30)	17.806	1776316	18.244 ug/ml
18) T n-Dotriacontane (C32)	18.636	1714872	18.978 ug/ml
19) T n-Tetratriacontane (C34)	19.419	1645951	19.228 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1585847	19.684 ug/ml
21) T n-Octatriacontane (C38)	20.909	1620033	21.399 ug/ml
22) T n-Tetracontane (C40)	21.851	1612646	20.725 ug/ml

(f)=RT Delta > 1/2 Window

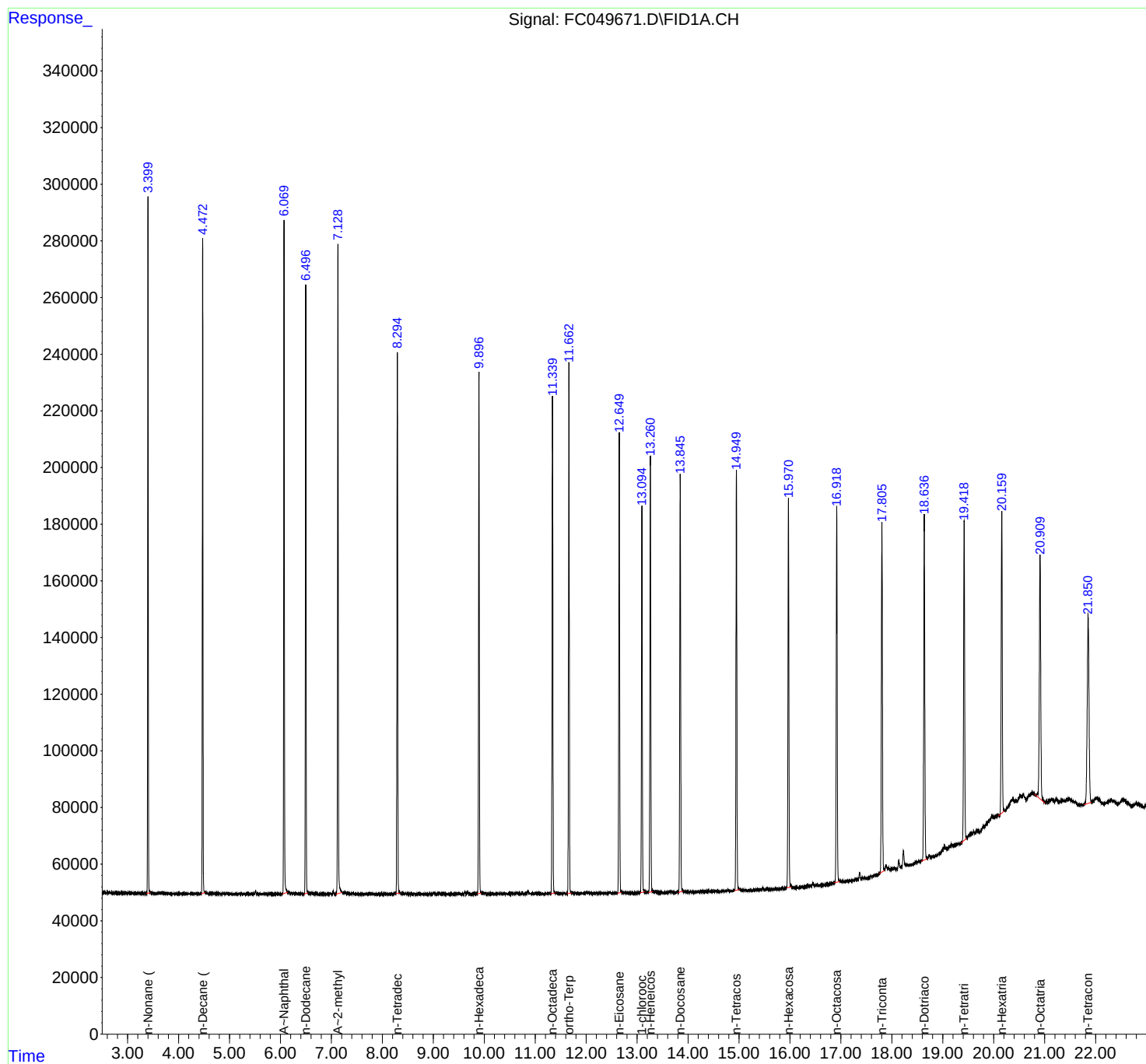
(m)=manual int.

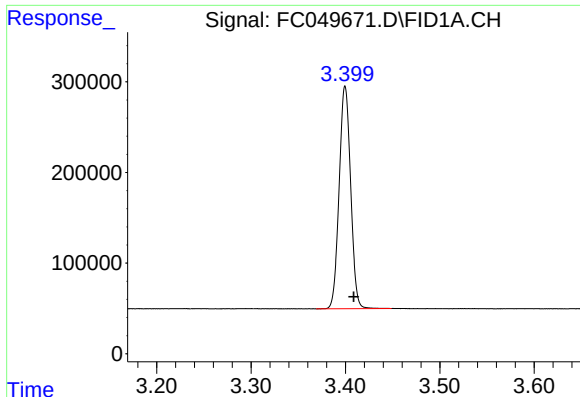
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092120AL\
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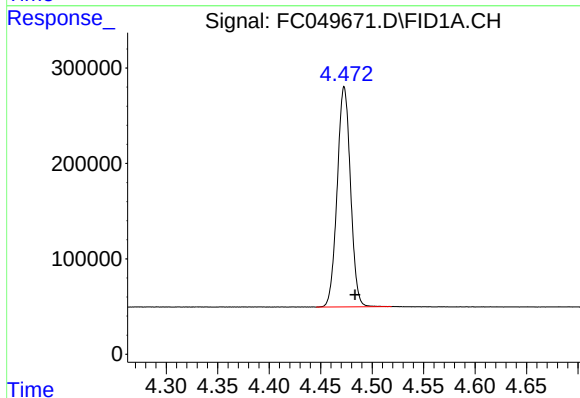




#1 n-Nonane (C9)

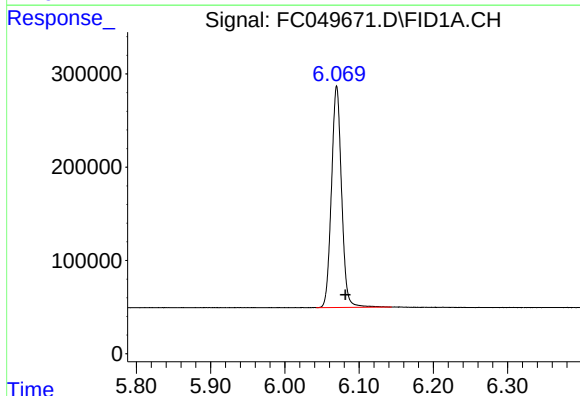
R.T.: 3.400 min
Delta R.T.: -0.009 min
Response: 2074599
Conc: 20.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



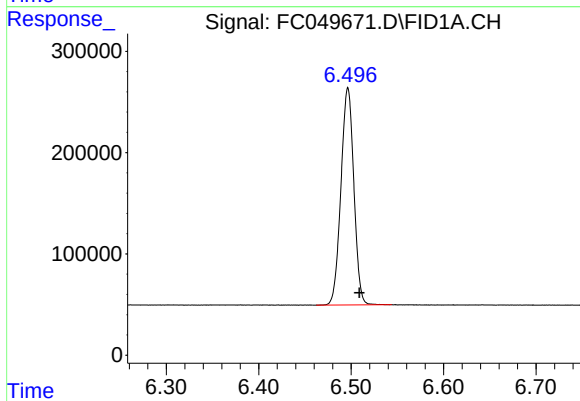
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.010 min
Response: 2080888
Conc: 20.03 ug/ml



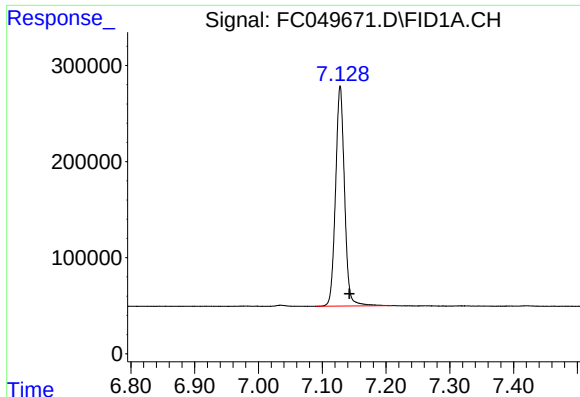
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: -0.012 min
Response: 2245693
Conc: 19.53 ug/ml



#4 n-Dodecane (C12)

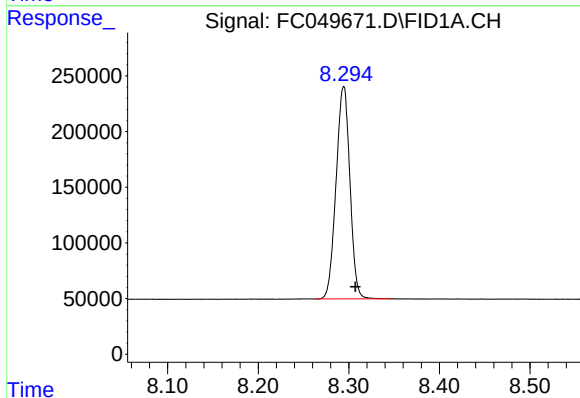
R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: 2080431
Conc: 19.68 ug/ml



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

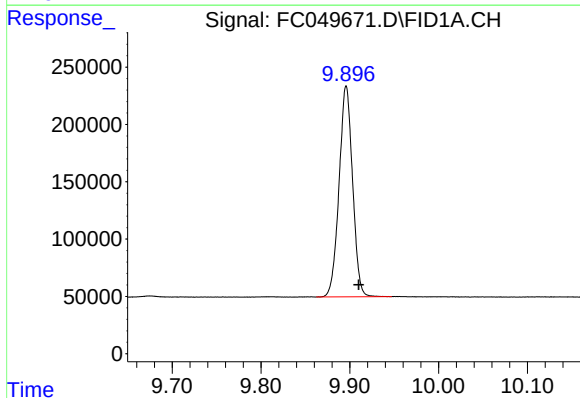
R.T.: 7.128 min
Delta R.T.: -0.014 min
Response: 2248876
Conc: 19.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



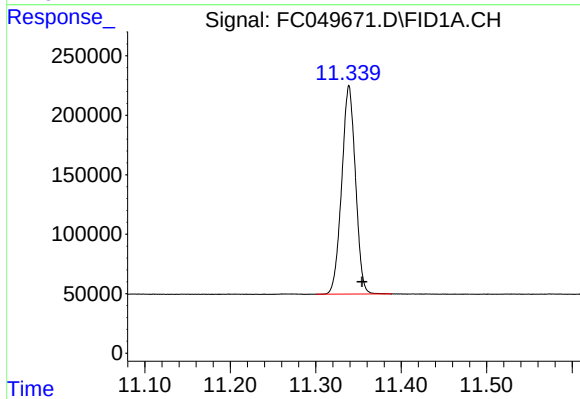
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 2028021
Conc: 19.22 ug/ml



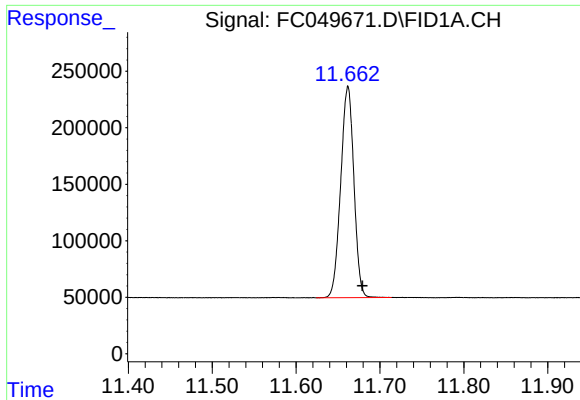
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.014 min
Response: 1943713
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

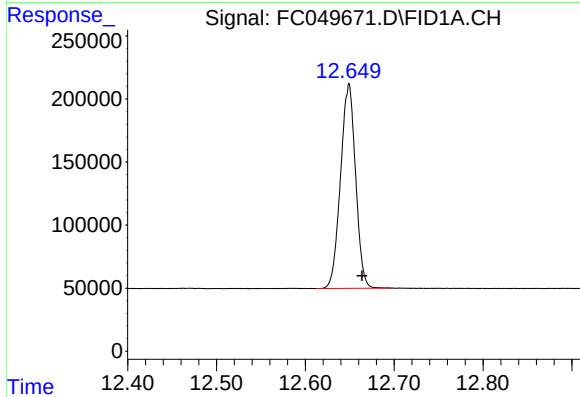
R.T.: 11.339 min
Delta R.T.: -0.015 min
Response: 1962598
Conc: 18.26 ug/ml



#9 ortho-Terphenyl (SURR)

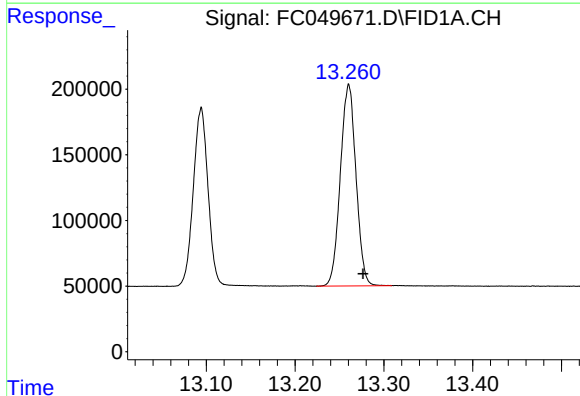
R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2042686
Conc: 17.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



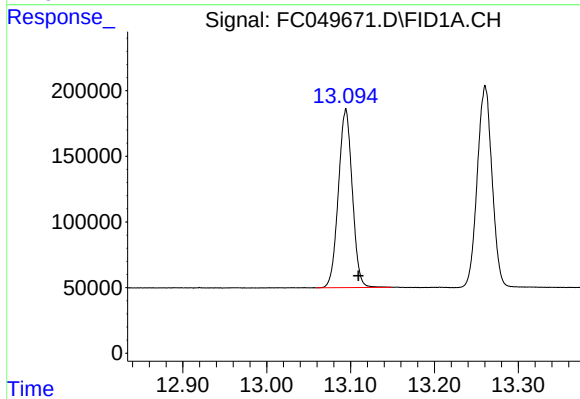
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.015 min
Response: 1910497
Conc: 17.84 ug/ml



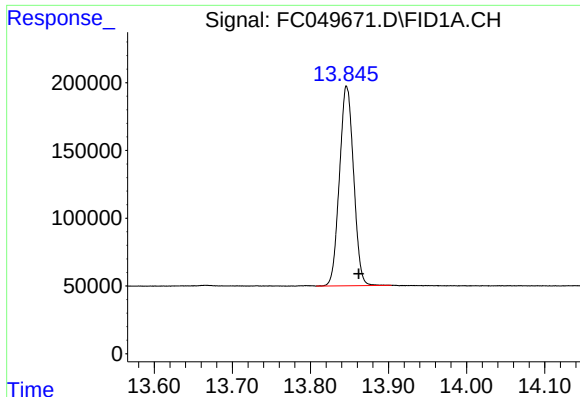
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.016 min
Response: 1877472
Conc: 17.64 ug/ml



#12 1-chlorooctadecane (SURR)

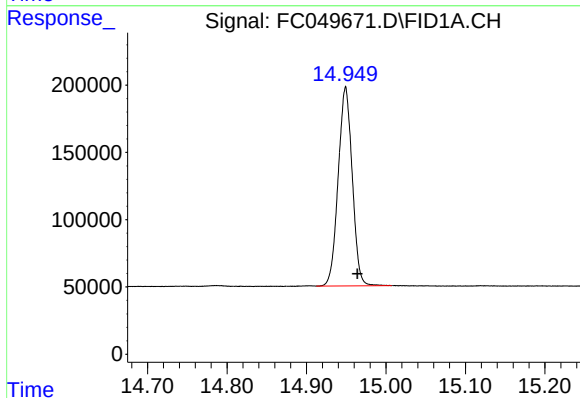
R.T.: 13.094 min
Delta R.T.: -0.015 min
Response: 1563236
Conc: 17.55 ug/ml



#13 n-Docosane (C22)

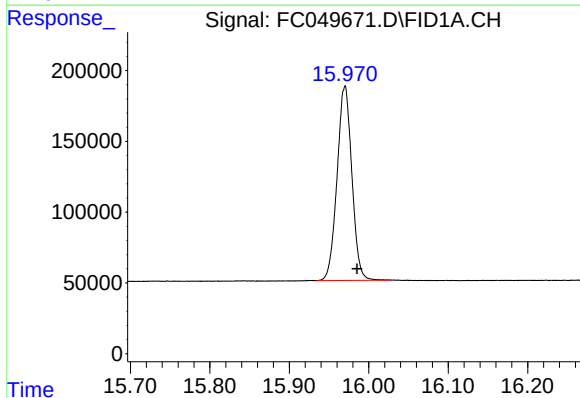
R.T.: 13.846 min
Delta R.T.: -0.015 min
Response: 1854628
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



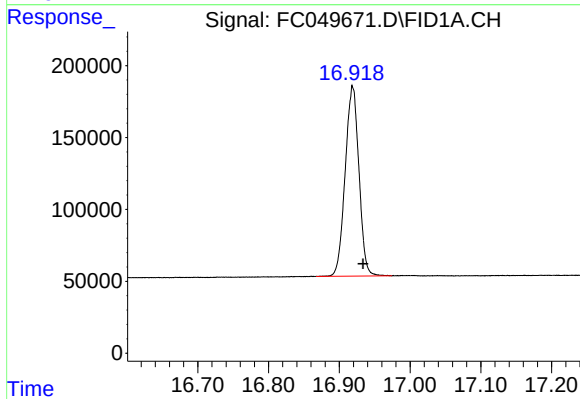
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.015 min
Response: 1815486
Conc: 17.35 ug/ml



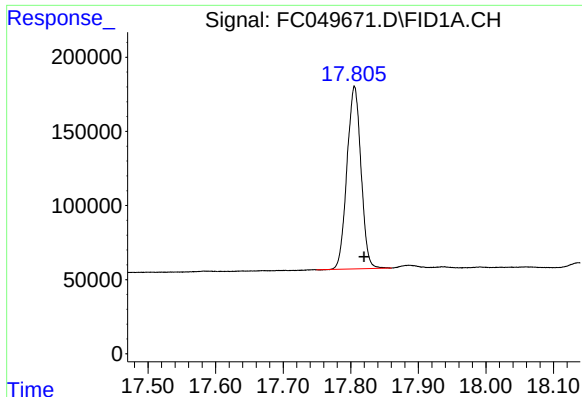
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.016 min
Response: 1778010
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

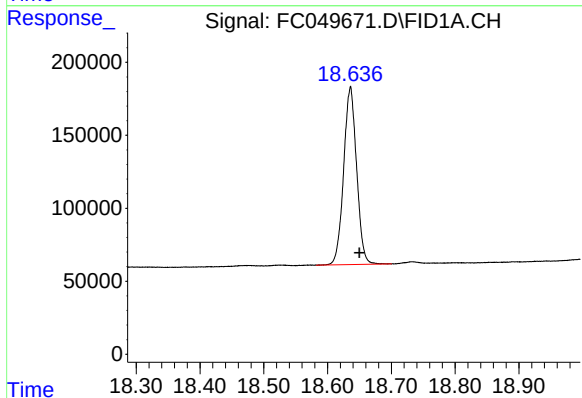
R.T.: 16.919 min
Delta R.T.: -0.014 min
Response: 1783924
Conc: 17.75 ug/ml



#17 n-Tricontane (C30)

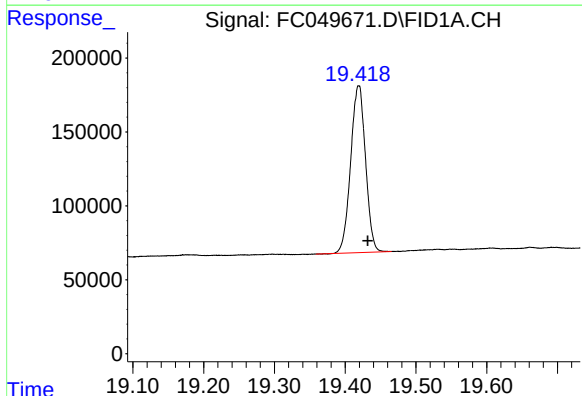
R.T.: 17.806 min
Delta R.T.: -0.014 min
Response: 1776316
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



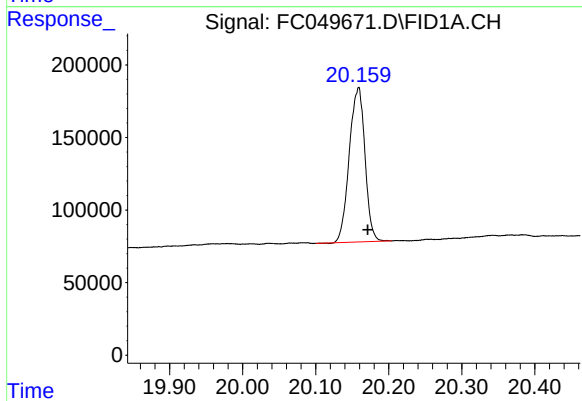
#18 n-Dotriacontane (C32)

R.T.: 18.636 min
Delta R.T.: -0.014 min
Response: 1714872
Conc: 18.98 ug/ml



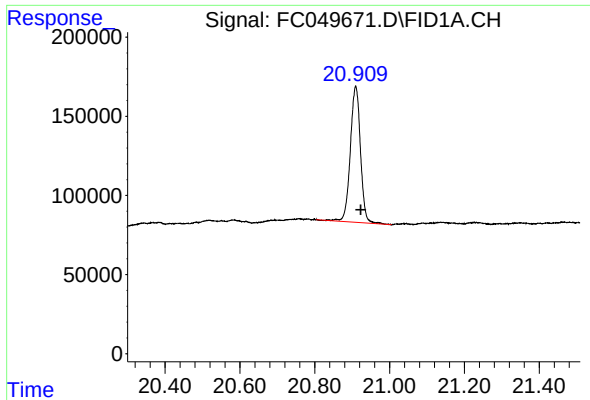
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.013 min
Response: 1645951
Conc: 19.23 ug/ml



#20 n-Hexatriacontane (C36)

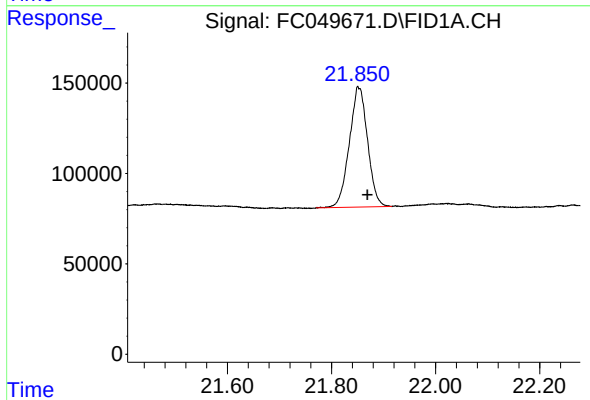
R.T.: 20.159 min
Delta R.T.: -0.012 min
Response: 1585847
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.014 min
Response: 1620033
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.018 min
Response: 1612646
Conc: 20.73 ug/ml