

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092320AL\
 Data File : FC049738.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2020 23:55
 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 24 01:43:07 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	2253129	19.610 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.095	1723157	19.346 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.399	2260287	21.849 ug/ml
2) T n-Decane (C10)	4.471	2275693	21.910 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2453585	21.340 ug/ml
4) T n-Dodecane (C12)	6.496	2281730	21.586 ug/ml
5) T A~2-methylnaphthalene...	7.129	2461870	21.056 ug/ml
6) T n-Tetradecane (C14)	8.294	2225896	21.099 ug/ml
7) T n-Hexadecane (C16)	9.896	2133247	20.499 ug/ml
8) T n-Octadecane (C18)	11.340	2158890	20.088 ug/ml
10) T n-Eicosane (C20)	12.650	2110584	19.710 ug/ml
11) T n-Heneicosane (C21)	13.262	2072007	19.471 ug/ml
13) T n-Docosane (C22)	13.847	2048509	19.358 ug/ml
14) T n-Tetracosane (C24)	14.952	2014235	19.249 ug/ml
15) T n-Hexacosane (C26)	15.971	1992169	19.488 ug/ml
16) T n-Octacosane (C28)	16.922	2016436	20.064 ug/ml
17) T n-Tricontane (C30)	17.808	2010818	20.652 ug/ml
18) T n-Dotriacontane (C32)	18.639	1931795	21.379 ug/ml
19) T n-Tetratriacontane (C34)	19.421	1881141	21.975 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1765421	21.913 ug/ml
21) T n-Octatriacontane (C38)	20.913	2224927	29.389 ug/ml
22) T n-Tetracontane (C40)	21.860	1612406	20.722 ug/ml

(f)=RT Delta > 1/2 Window

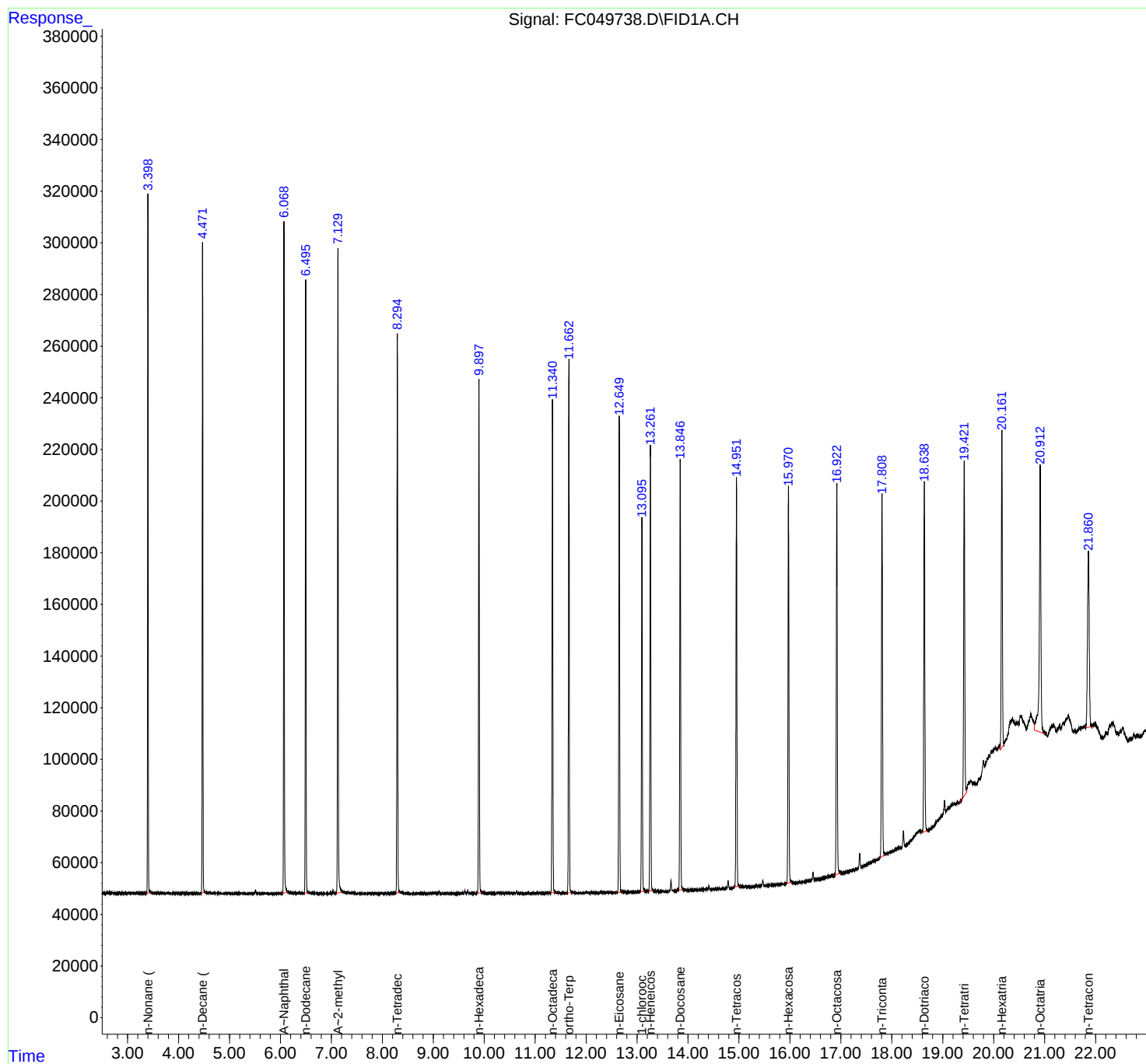
(m)=manual int.

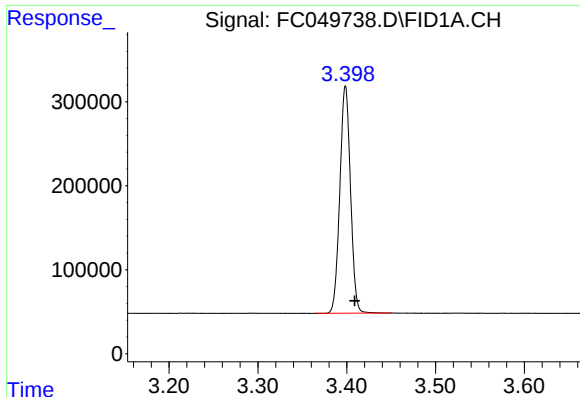
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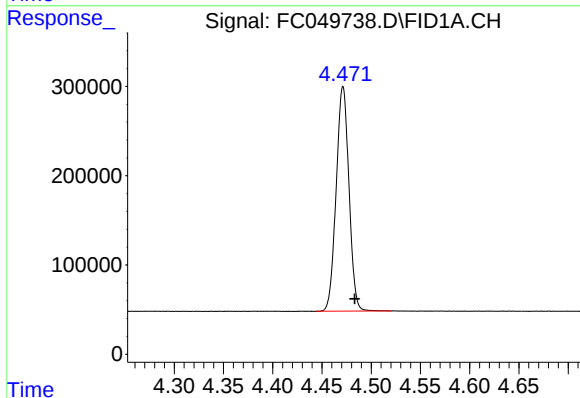




#1 n-Nonane (C9)

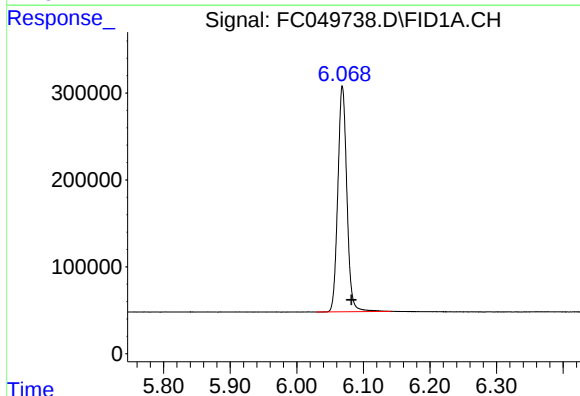
R.T.: 3.399 min
Delta R.T.: -0.010 min
Response: 2260287
Conc: 21.85 ug/ml

Instrument :
FID_C
ClientSampleId :



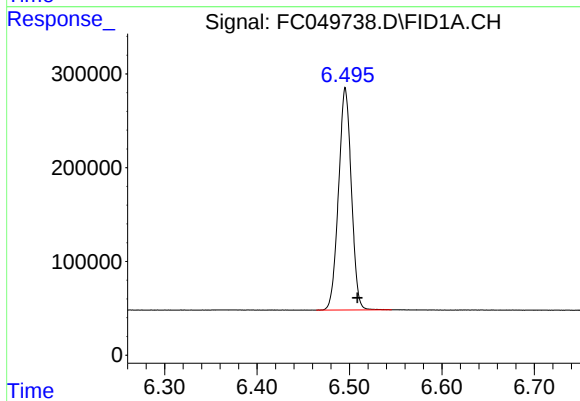
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.012 min
Response: 2275693
Conc: 21.91 ug/ml



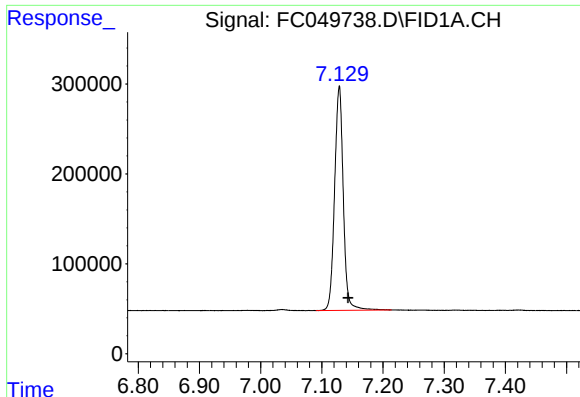
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.013 min
Response: 2453585
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

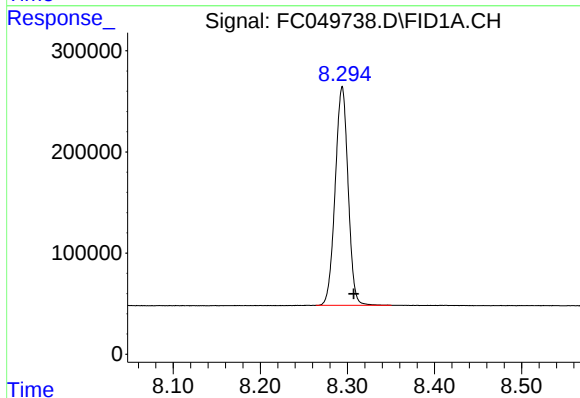
R.T.: 6.496 min
Delta R.T.: -0.013 min
Response: 2281730
Conc: 21.59 ug/ml



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

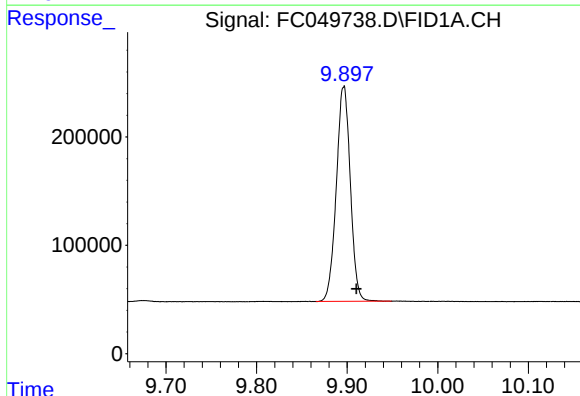
R.T.: 7.129 min
Delta R.T.: -0.014 min
Response: 2461870
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :



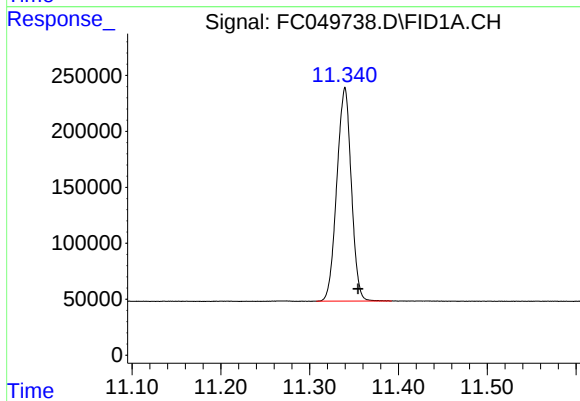
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.013 min
Response: 2225896
Conc: 21.10 ug/ml



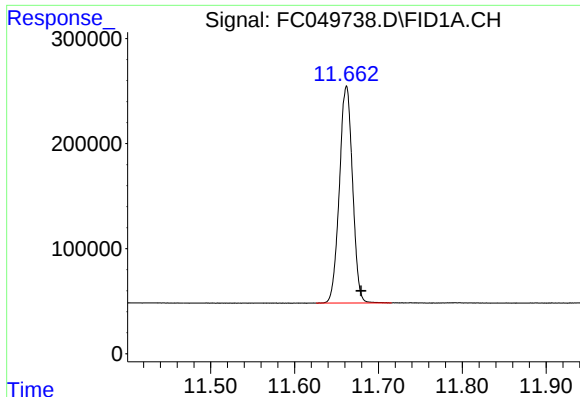
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: -0.014 min
Response: 2133247
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

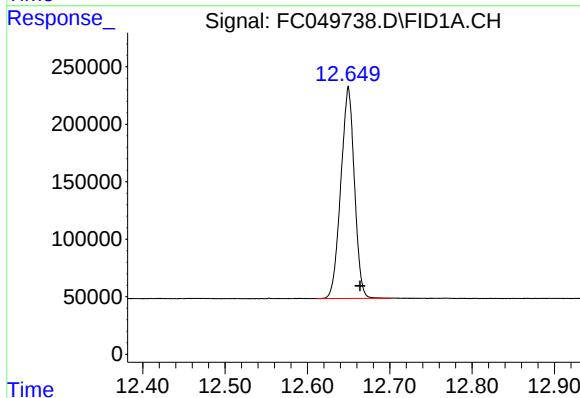
R.T.: 11.340 min
Delta R.T.: -0.015 min
Response: 2158890
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

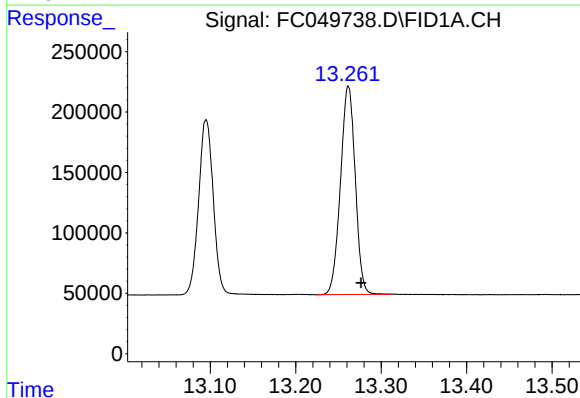
R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2253129
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :



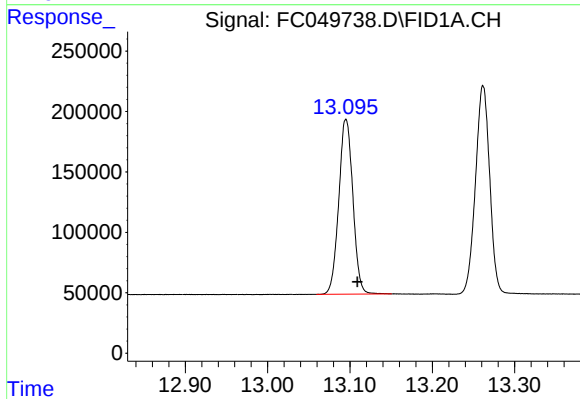
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.014 min
Response: 2110584
Conc: 19.71 ug/ml



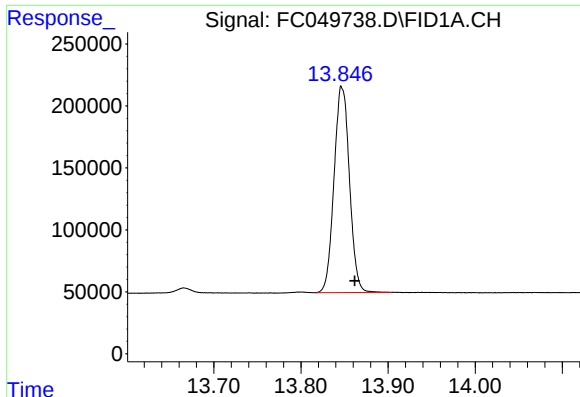
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.015 min
Response: 2072007
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

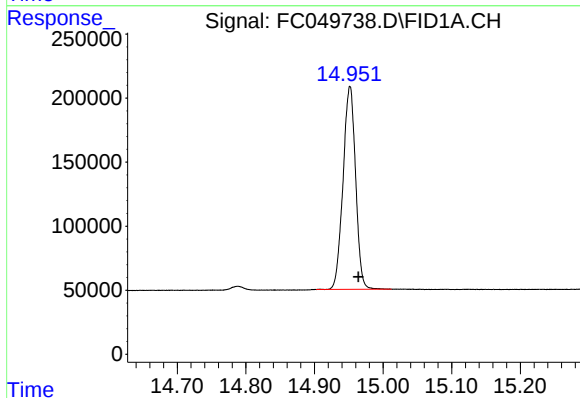
R.T.: 13.095 min
Delta R.T.: -0.014 min
Response: 1723157
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

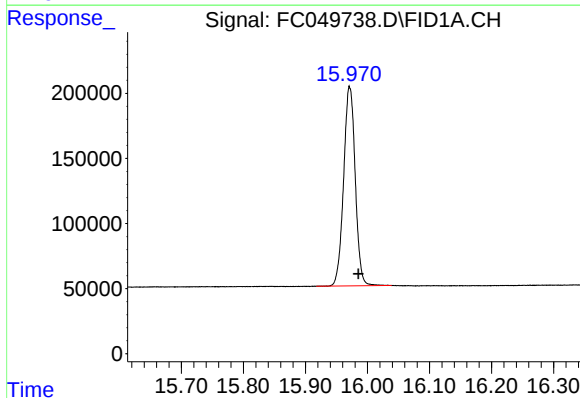
R.T.: 13.847 min
Delta R.T.: -0.015 min
Response: 2048509
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :



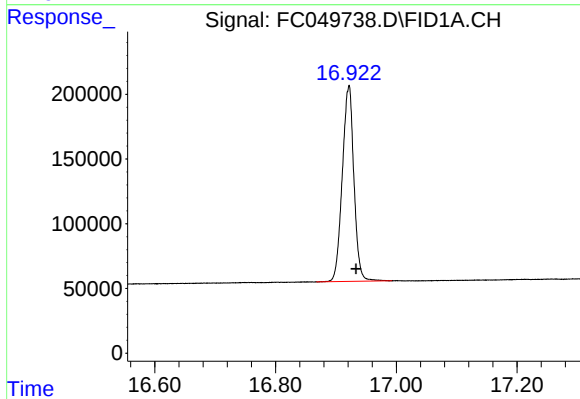
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.013 min
Response: 2014235
Conc: 19.25 ug/ml



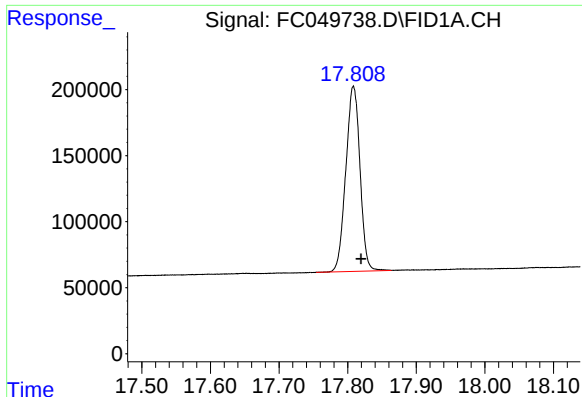
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.014 min
Response: 1992169
Conc: 19.49 ug/ml



#16 n-Octacosane (C28)

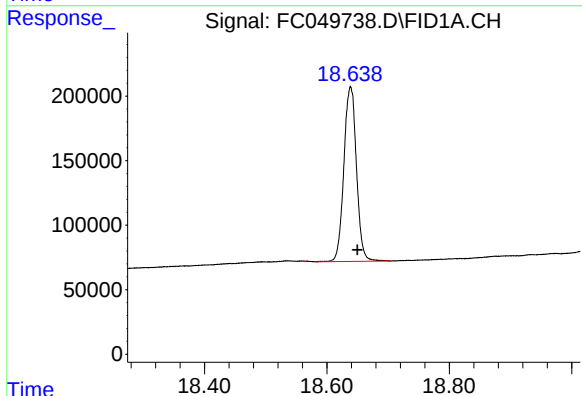
R.T.: 16.922 min
Delta R.T.: -0.012 min
Response: 2016436
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

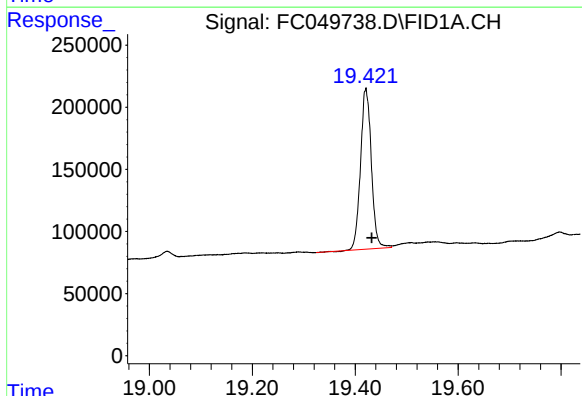
R.T.: 17.808 min
Delta R.T.: -0.011 min
Response: 2010818
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :



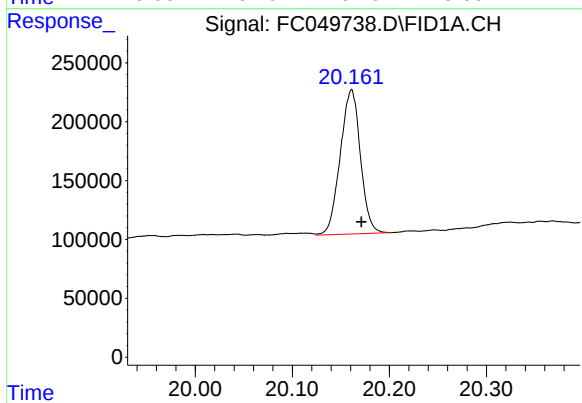
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.011 min
Response: 1931795
Conc: 21.38 ug/ml



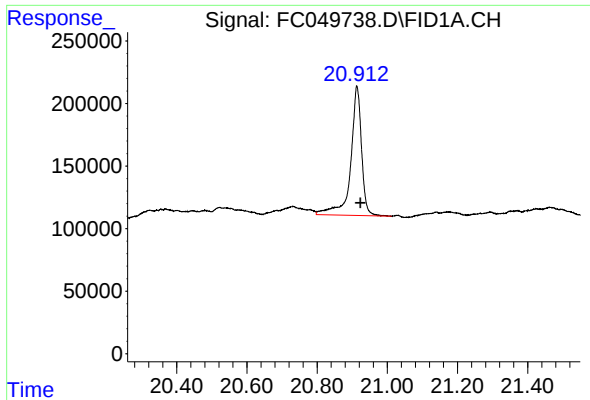
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min
Delta R.T.: -0.011 min
Response: 1881141
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

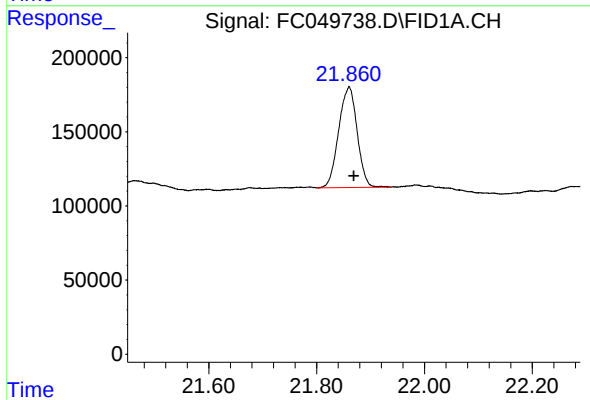
R.T.: 20.161 min
Delta R.T.: -0.010 min
Response: 1765421
Conc: 21.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.010 min
Response: 2224927
Conc: 29.39 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.008 min
Response: 1612406
Conc: 20.72 ug/ml