

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030922AL\
 Data File : FC058639.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2022 14:34
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 01:43:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.398	2661529	18.273 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	12.831	2024046	17.857 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
Target Compounds			
1) T n-Nonane (C9)	3.254	2415363	20.086 ug/ml
2) T n-Decane (C10)	4.303	2401237	20.179 ug/ml
3) T A~Naphthalene (C11.7)	5.865	2559052	19.718 ug/ml
4) T n-Dodecane (C12)	6.298	2481295	20.170 ug/ml
5) T A~2-methylnaphthalene...	6.909	2568341	19.700 ug/ml
6) T n-Tetradecane (C14)	8.075	2490612	19.876 ug/ml
7) T n-Hexadecane (C16)	9.662	2486022	19.304 ug/ml
8) T n-Octadecane (C18)	11.093	2473926	18.800 ug/ml
10) T n-Eicosane (C20)	12.392	2404242	18.284 ug/ml
11) T n-Heneicosane (C21)	12.999	2383614	18.036 ug/ml
13) T n-Docosane (C22)	13.582	2347633	18.007 ug/ml
14) T n-Tetracosane (C24)	14.678	2274503	17.614 ug/ml
15) T n-Hexacosane (C26)	15.692	2191732	17.718 ug/ml
16) T n-Octacosane (C28)	16.637	2142302	17.997 ug/ml
17) T n-Tricontane (C30)	17.519	2093981	18.603 ug/ml
18) T n-Dotriacontane (C32)	18.348	2005152	18.647 ug/ml
19) T n-Tetratriacontane (C34)	19.129	1920488	19.821 ug/ml
20) T n-Hexatriacontane (C36)	19.865	1819206	20.165 ug/ml
21) T n-Octatriacontane (C38)	20.570	1822519	20.943 ug/ml
22) T n-Tetracontane (C40)	21.398	1805296	21.513 ug/ml

(f)=RT Delta > 1/2 Window

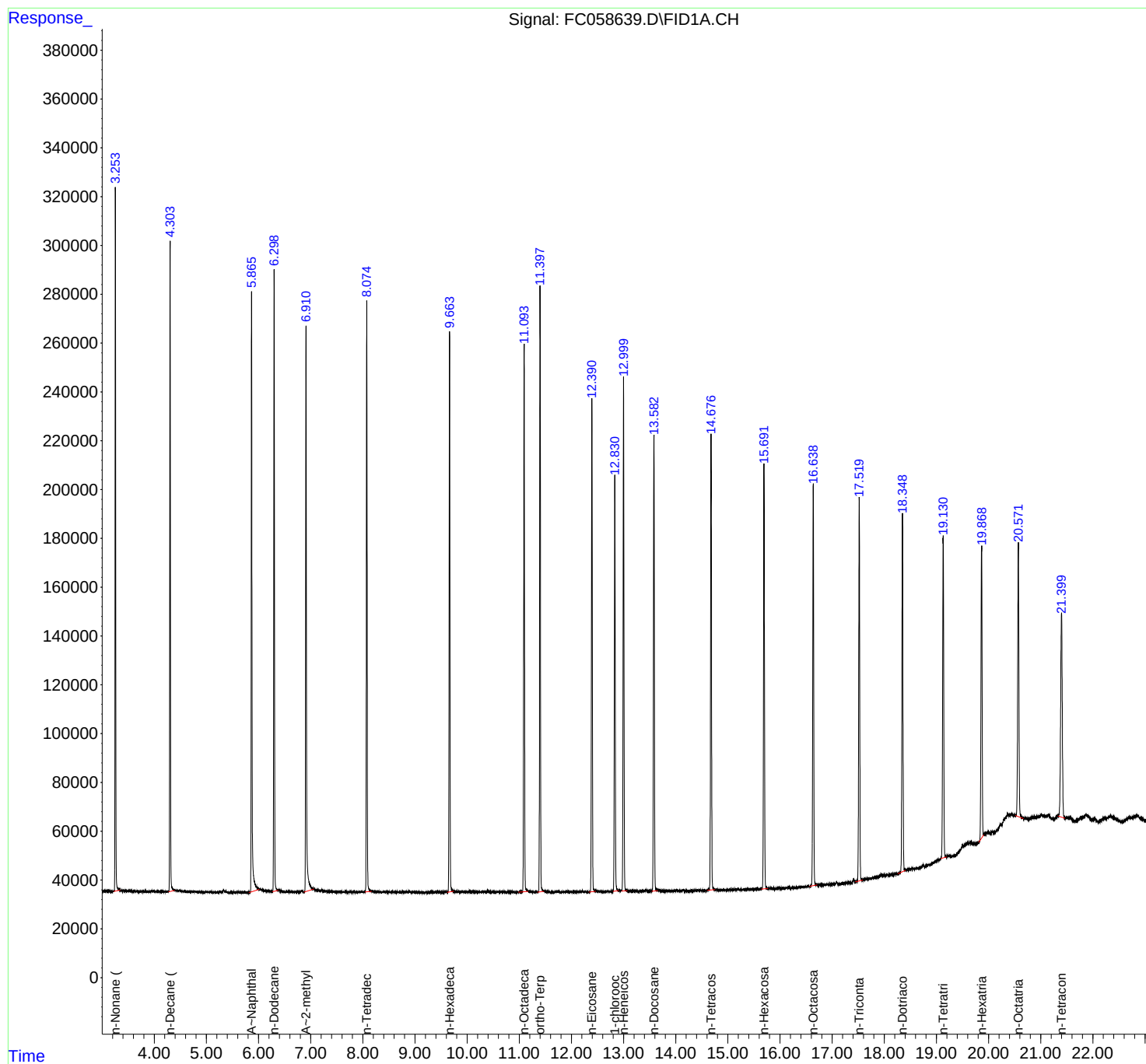
(m)=manual int.

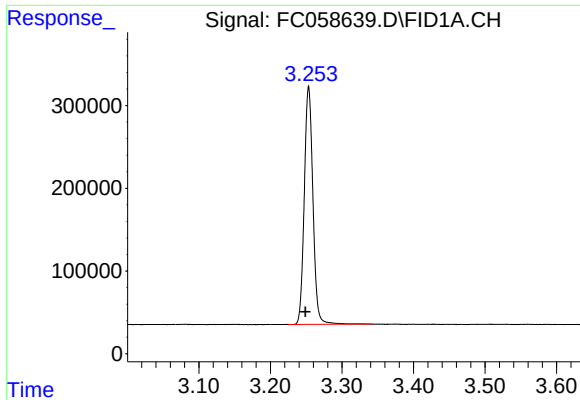
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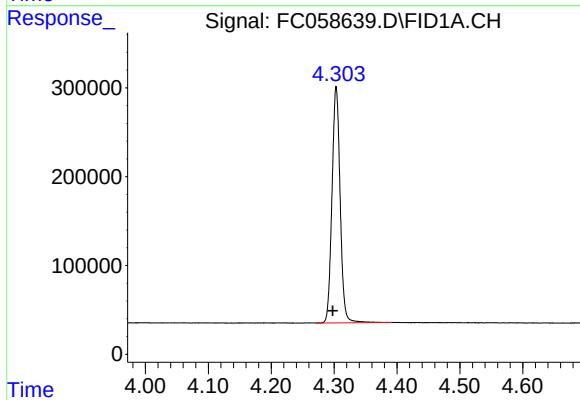




#1 n-Nonane (C9)

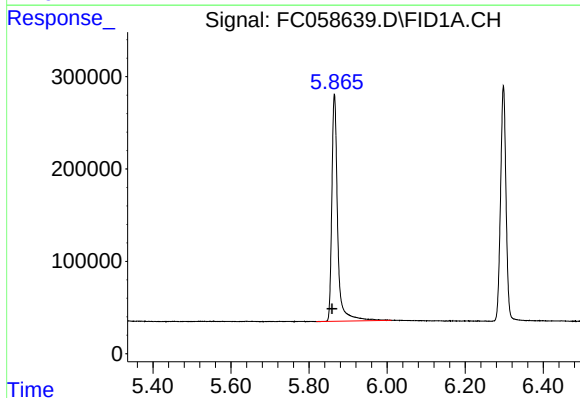
R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2415363
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :



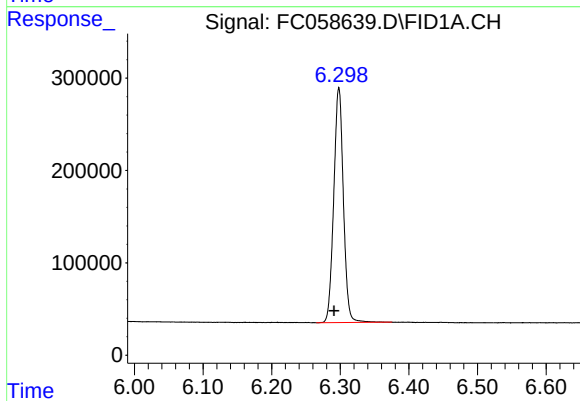
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 2401237
Conc: 20.18 ug/ml



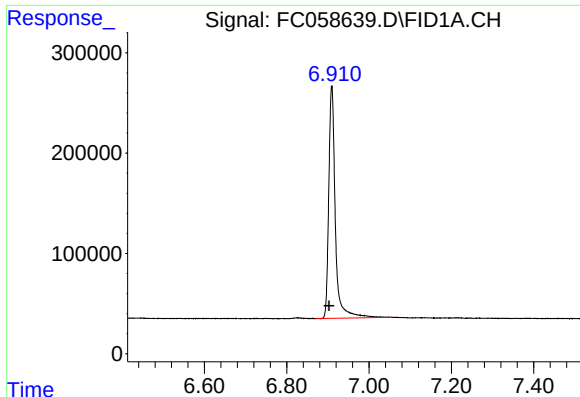
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 2559052
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

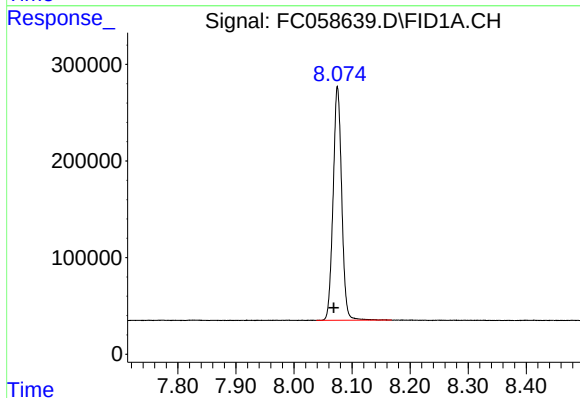
R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2481295
Conc: 20.17 ug/ml



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

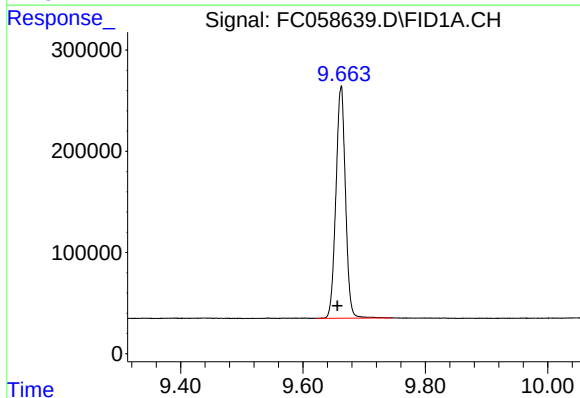
R.T.: 6.909 min
Delta R.T.: 0.007 min
Response: 2568341
Conc: 19.70 ug/ml

Instrument :
FID_C
ClientSampleId :



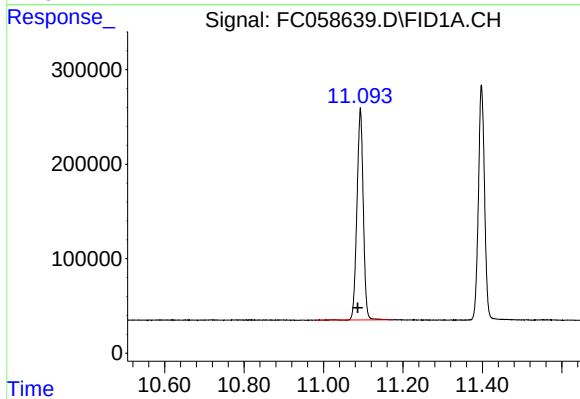
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.006 min
Response: 2490612
Conc: 19.88 ug/ml



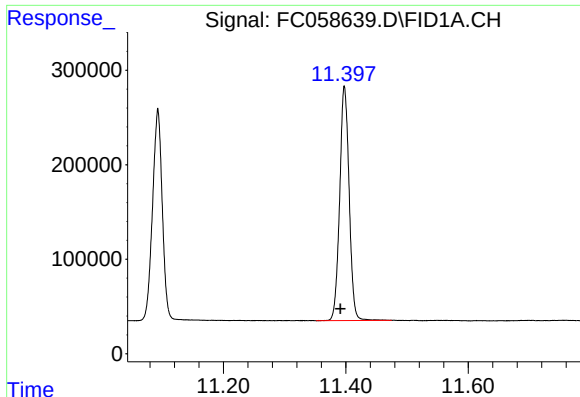
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.006 min
Response: 2486022
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

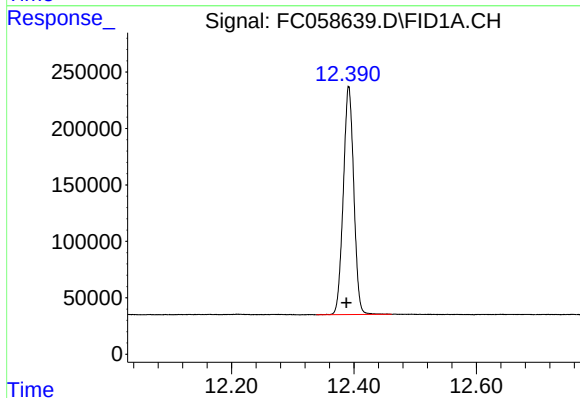
R.T.: 11.093 min
Delta R.T.: 0.006 min
Response: 2473926
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

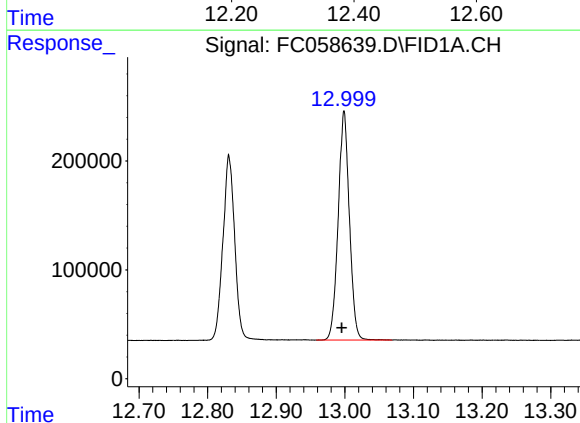
R.T.: 11.398 min
Delta R.T.: 0.007 min
Response: 2661529
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :



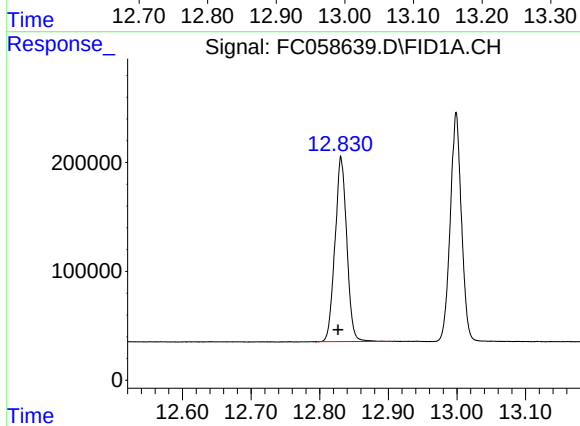
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: 0.004 min
Response: 2404242
Conc: 18.28 ug/ml



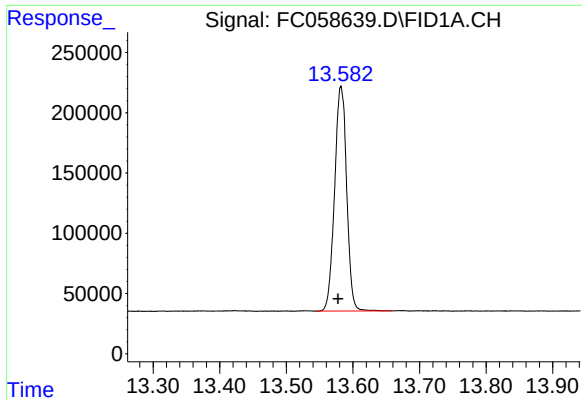
#11 n-Heneicosane (C21)

R.T.: 12.999 min
Delta R.T.: 0.003 min
Response: 2383614
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

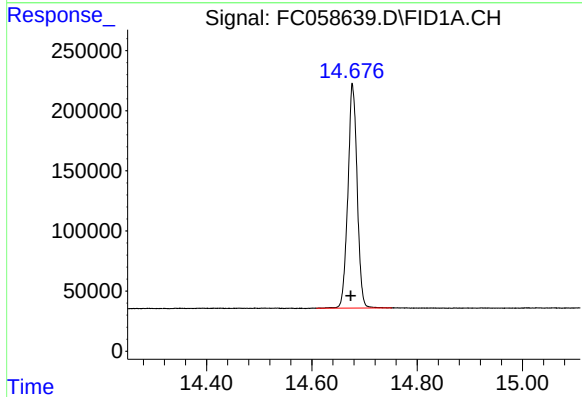
R.T.: 12.831 min
Delta R.T.: 0.004 min
Response: 2024046
Conc: 17.86 ug/ml



#13 n-Docosane (C22)

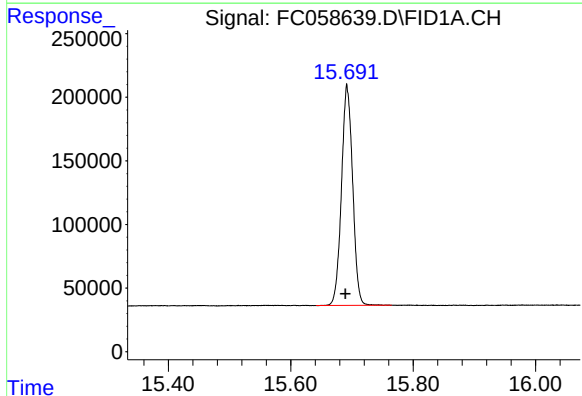
R.T.: 13.582 min
Delta R.T.: 0.004 min
Response: 2347633
Conc: 18.01 ug/ml

Instrument :
FID_C
ClientSampleId :



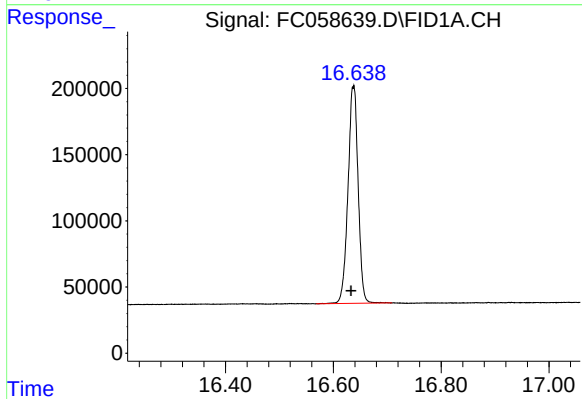
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: 0.004 min
Response: 2274503
Conc: 17.61 ug/ml



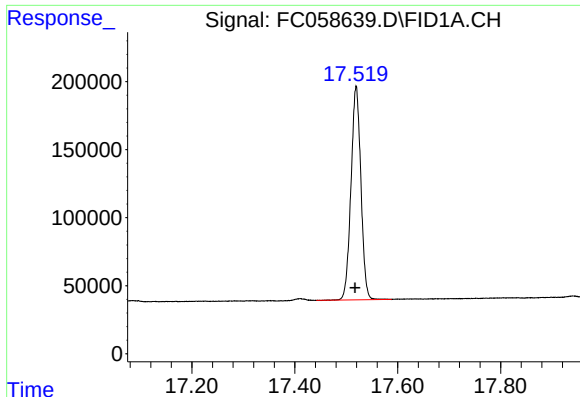
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: 0.003 min
Response: 2191732
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

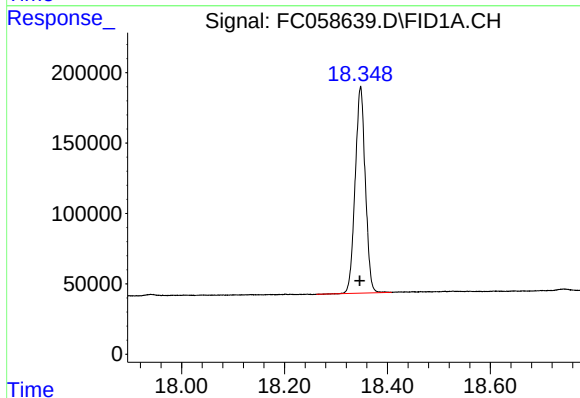
R.T.: 16.637 min
Delta R.T.: 0.004 min
Response: 2142302
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

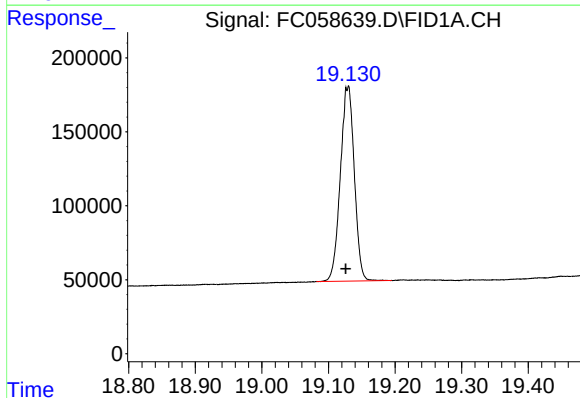
R.T.: 17.519 min
Delta R.T.: 0.002 min
Response: 2093981
Conc: 18.60 ug/ml

Instrument :
FID_C
ClientSampleId :



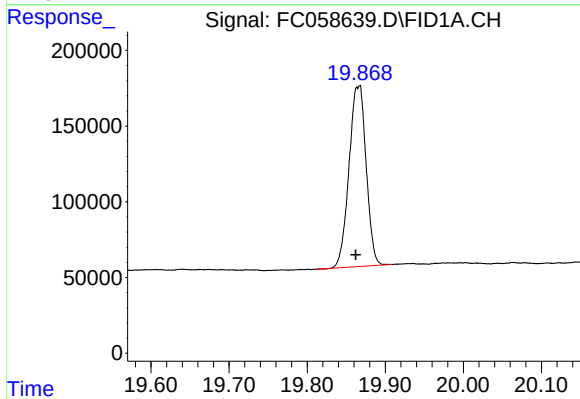
#18 n-Dotriacontane (C32)

R.T.: 18.348 min
Delta R.T.: 0.002 min
Response: 2005152
Conc: 18.65 ug/ml



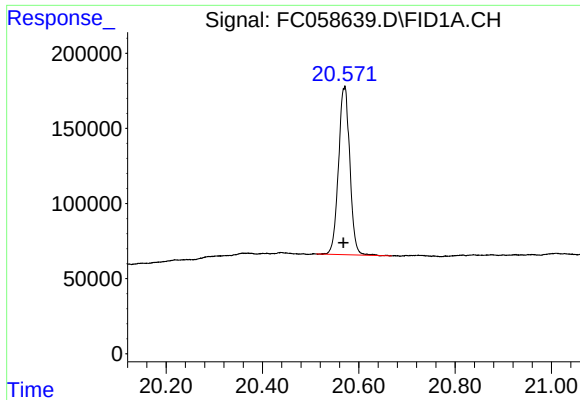
#19 n-Tetratriacontane (C34)

R.T.: 19.129 min
Delta R.T.: 0.003 min
Response: 1920488
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

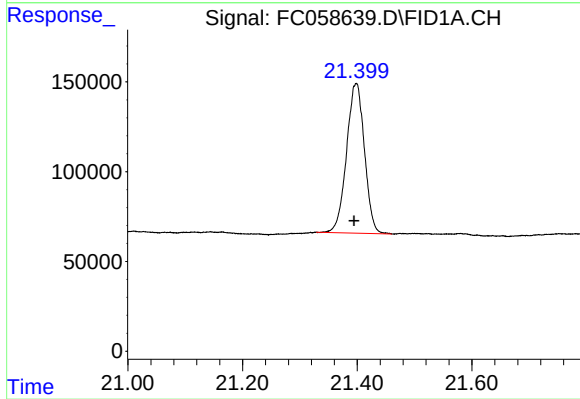
R.T.: 19.865 min
Delta R.T.: 0.003 min
Response: 1819206
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.002 min
Response: 1822519
Conc: 20.94 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.398 min
Delta R.T.: 0.003 min
Response: 1805296
Conc: 21.51 ug/ml