

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030520AL\
 Data File : FC046126.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2020 13:57
 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: Mar 06 01:24:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.761	2272863	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
12) S 1-chlorooctadecane (S...	13.180	1756578	19.581 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.536	2204914	21.874 ug/ml
2) T n-Decane (C10)	4.605	2243415	22.242 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2428286	21.869 ug/ml
4) T n-Dodecane (C12)	6.615	2261819	22.170 ug/ml
5) T A~2-methylnaphthalene...	7.256	2445299	21.983 ug/ml
6) T n-Tetradecane (C14)	8.401	2242720	21.909 ug/ml
7) T n-Hexadecane (C16)	9.995	2218460	21.427 ug/ml
8) T n-Octadecane (C18)	11.430	2185543	20.790 ug/ml
10) T n-Eicosane (C20)	12.734	2120387	20.058 ug/ml
11) T n-Heneicosane (C21)	13.344	2103885	19.725 ug/ml
13) T n-Docosane (C22)	13.927	2060937	19.396 ug/ml
14) T n-Tetracosane (C24)	15.025	2014771	18.825 ug/ml
15) T n-Hexacosane (C26)	16.044	1961695	18.457 ug/ml
16) T n-Octacosane (C28)	16.989	1924477	18.381 ug/ml
17) T n-Tricontane (C30)	17.873	1890451	18.760 ug/ml
18) T n-Dotriacontane (C32)	18.700	1642085	19.187 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1410752	19.438 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1294442	19.141 ug/ml
21) T n-Octatriacontane (C38)	20.984	1210324	20.025 ug/ml
22) T n-Tetracontane (C40)	21.947	1241761	19.751 ug/ml

(f)=RT Delta > 1/2 Window

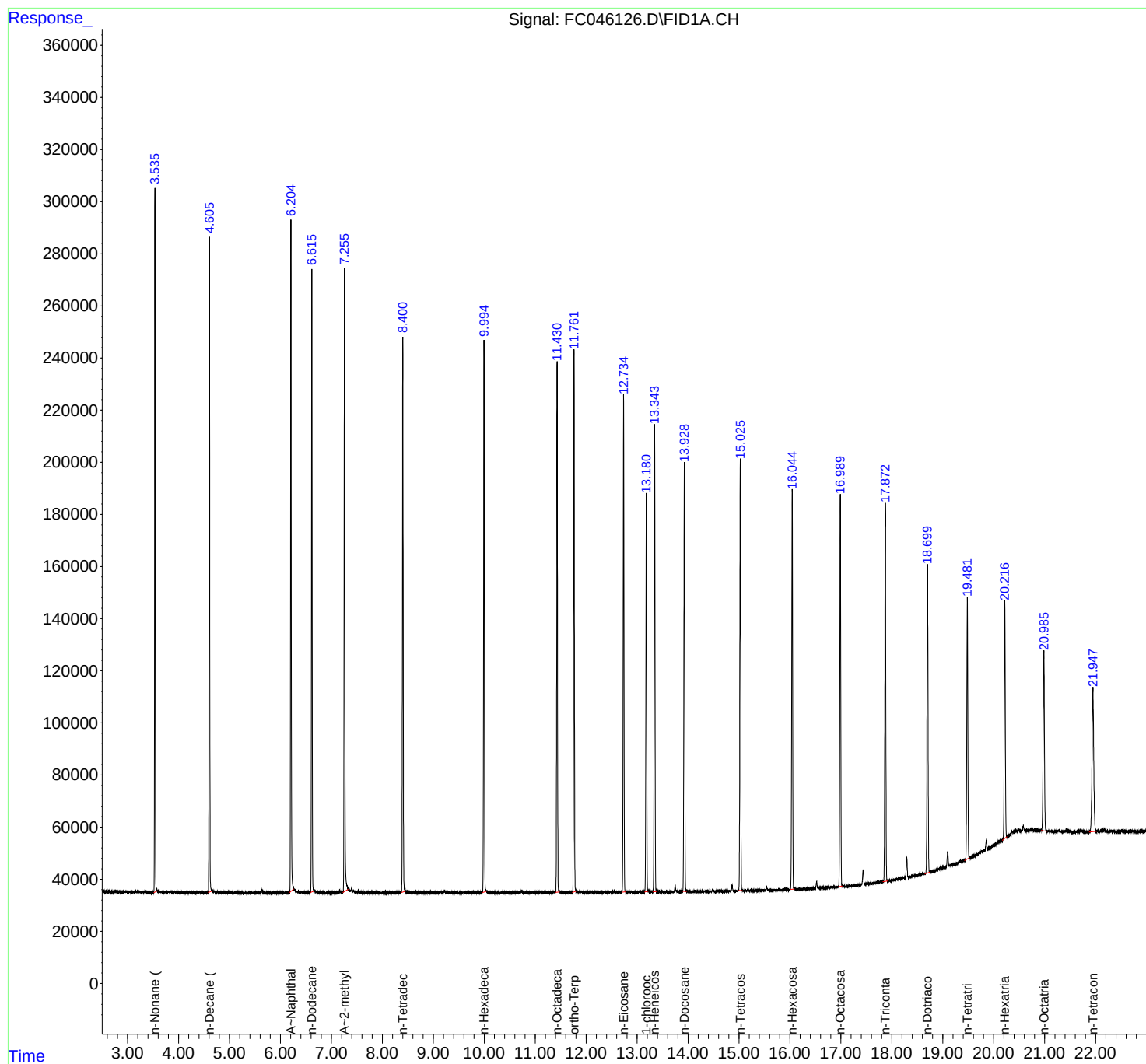
(m)=manual int.

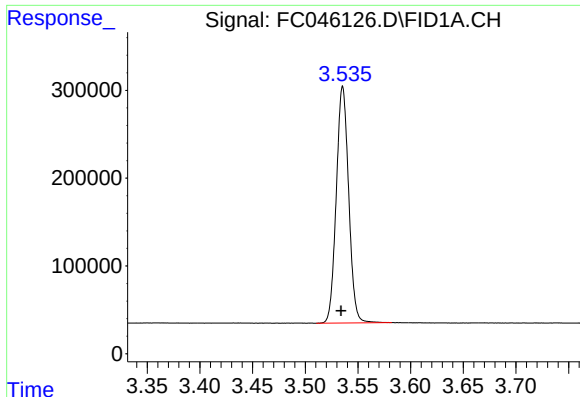
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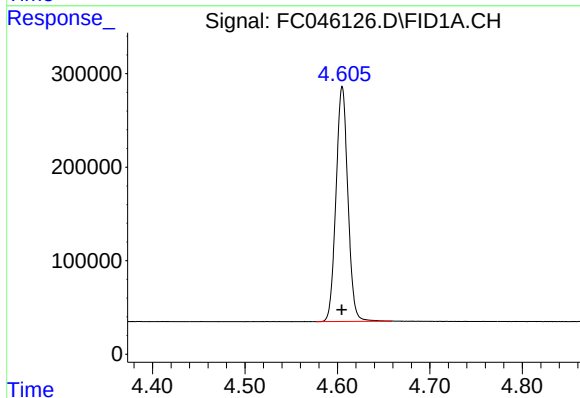




#1 n-Nonane (C9)

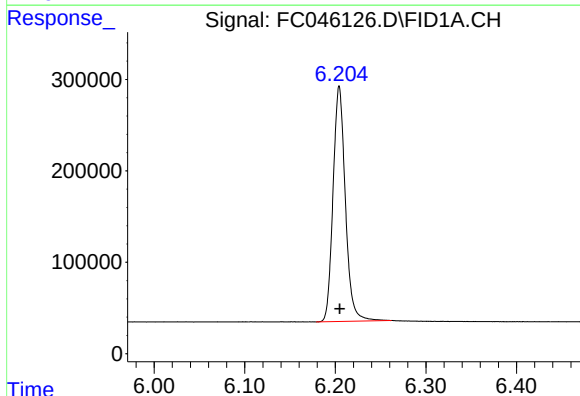
R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2204914
Conc: 21.87 ug/ml

Instrument :
FID_C
ClientSampleId :



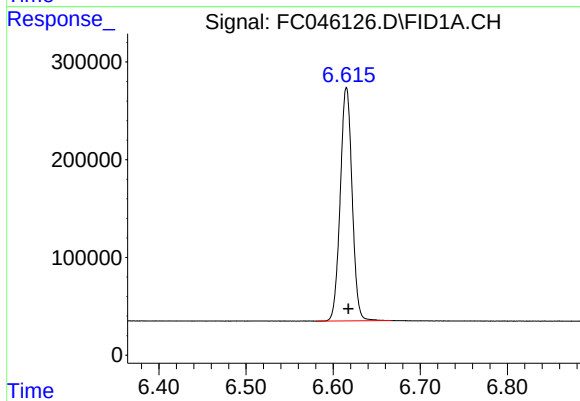
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2243415
Conc: 22.24 ug/ml



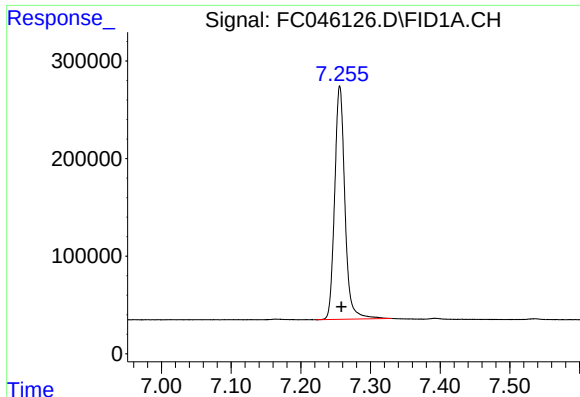
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 2428286
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

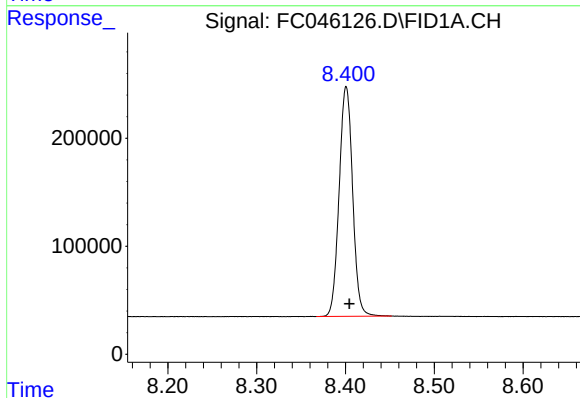
R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2261819
Conc: 22.17 ug/ml



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

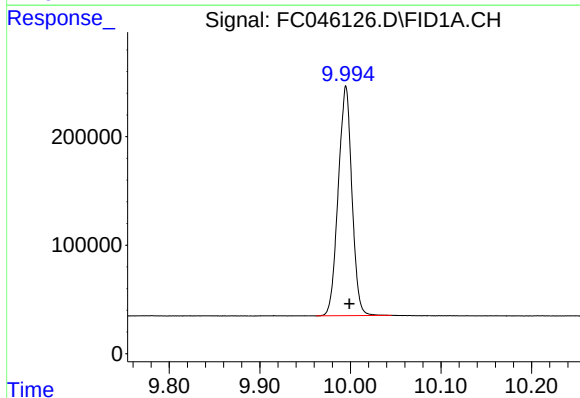
R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 2445299
Conc: 21.98 ug/ml

Instrument :
FID_C
ClientSampleId :



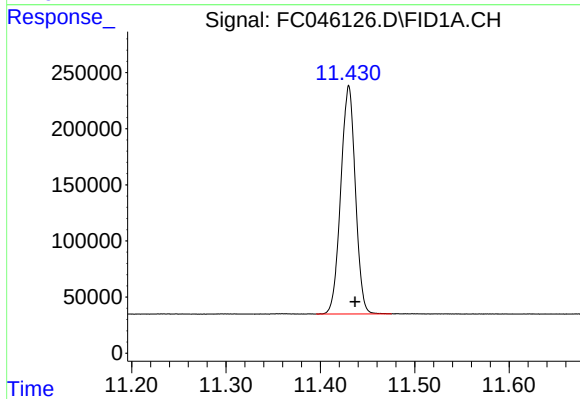
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2242720
Conc: 21.91 ug/ml



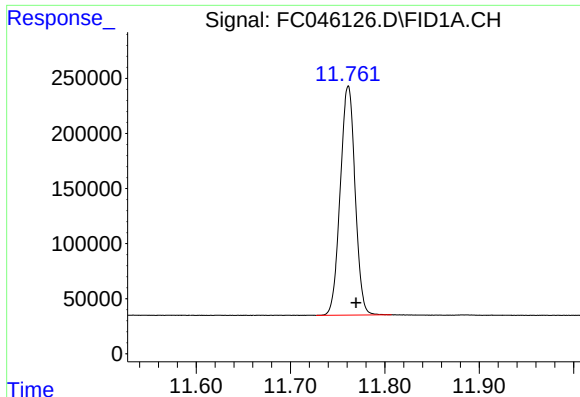
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.004 min
Response: 2218460
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

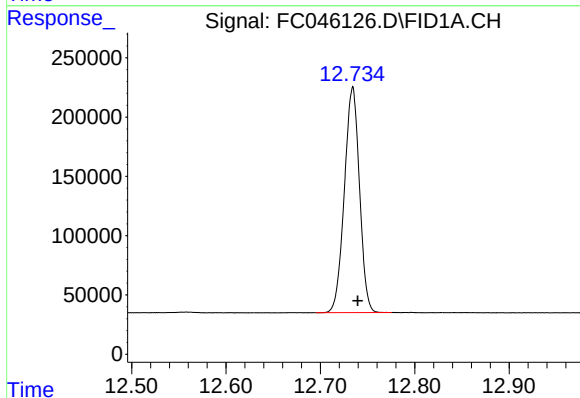
R.T.: 11.430 min
Delta R.T.: -0.007 min
Response: 2185543
Conc: 20.79 ug/ml



#9 ortho-Terphenyl (SURR)

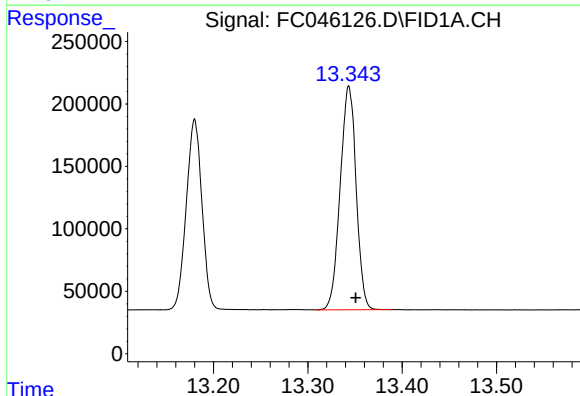
R.T.: 11.761 min
Delta R.T.: -0.008 min
Response: 2272863
Conc: 19.92 ug/ml

Instrument :
FID_C
ClientSampleId :



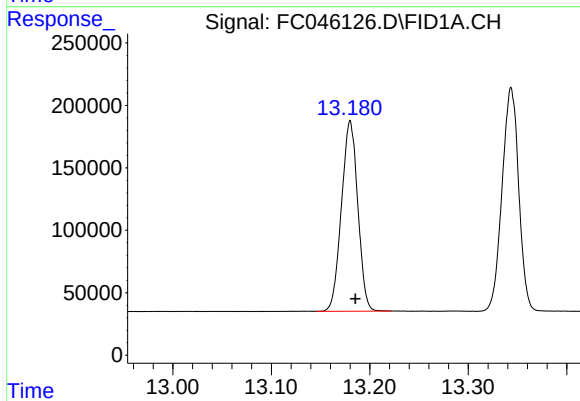
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 2120387
Conc: 20.06 ug/ml



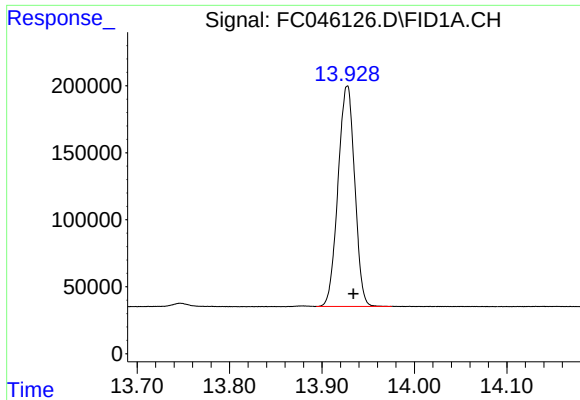
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.007 min
Response: 2103885
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

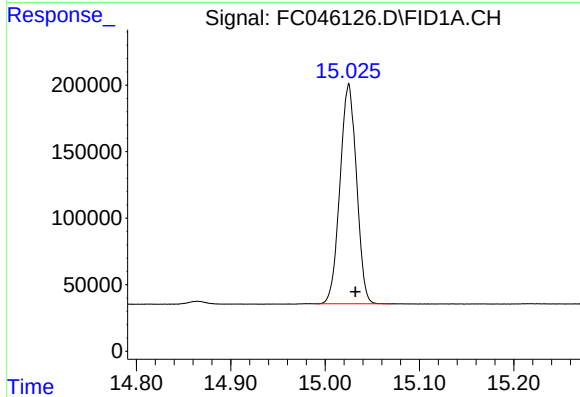
R.T.: 13.180 min
Delta R.T.: -0.005 min
Response: 1756578
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

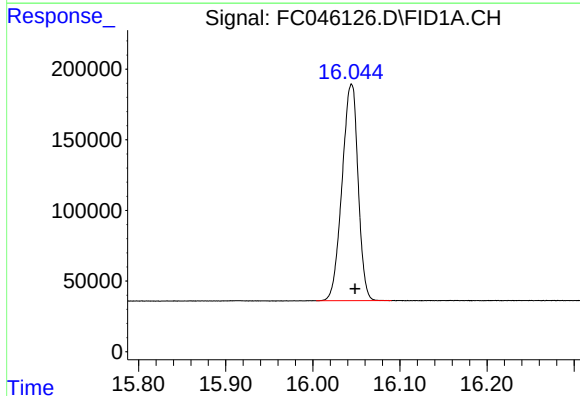
R.T.: 13.927 min
Delta R.T.: -0.007 min
Response: 2060937
Conc: 19.40 ug/ml

Instrument :
FID_C
ClientSampleId :



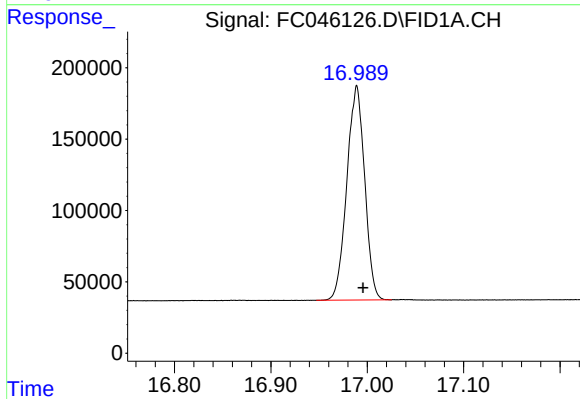
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: -0.007 min
Response: 2014771
Conc: 18.82 ug/ml



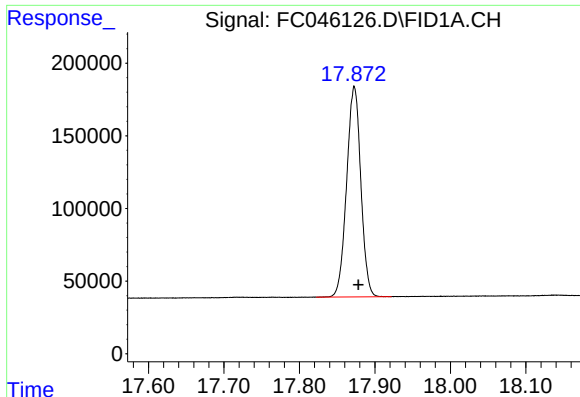
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.004 min
Response: 1961695
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

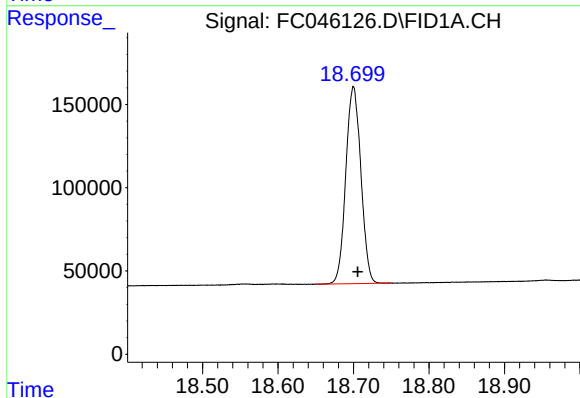
R.T.: 16.989 min
Delta R.T.: -0.007 min
Response: 1924477
Conc: 18.38 ug/ml



#17 n-Tricontane (C30)

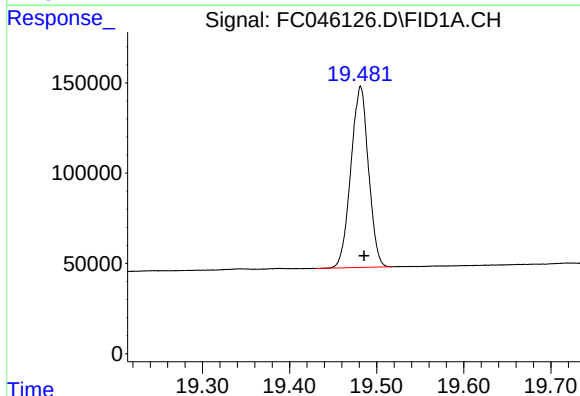
R.T.: 17.873 min
Delta R.T.: -0.005 min
Response: 1890451
Conc: 18.76 ug/ml

Instrument :
FID_C
ClientSampleId :



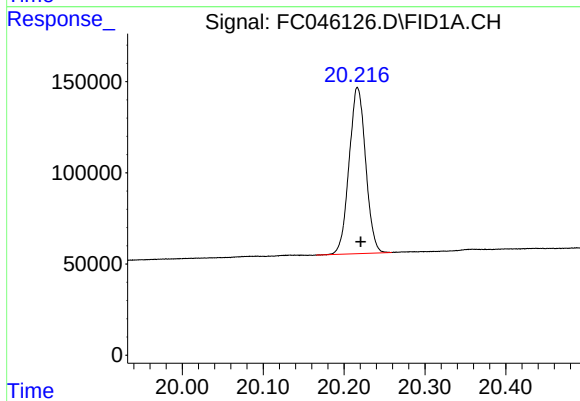
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1642085
Conc: 19.19 ug/ml



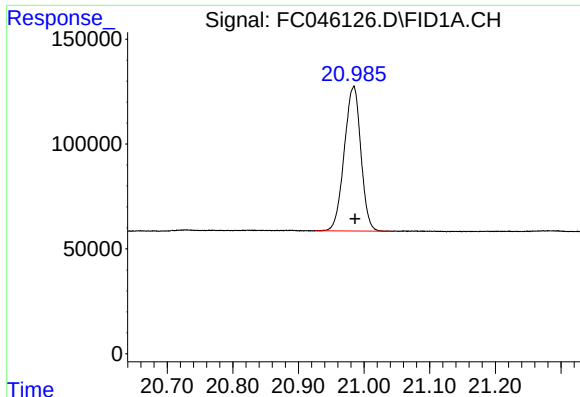
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.004 min
Response: 1410752
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

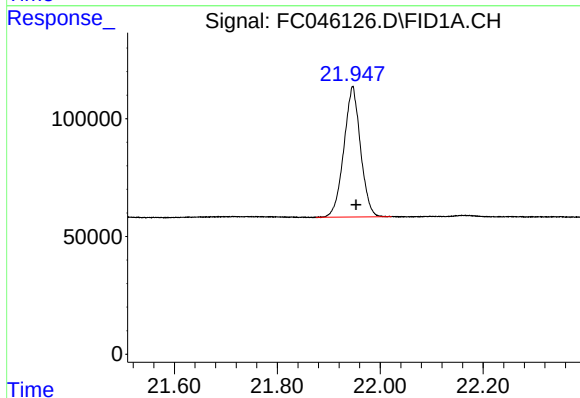
R.T.: 20.217 min
Delta R.T.: -0.004 min
Response: 1294442
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.984 min
Delta R.T.: -0.002 min
Response: 1210324
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.006 min
Response: 1241761
Conc: 19.75 ug/ml