

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080320AL\
 Data File : FC048842.D
 Signal(s) : FID1A.CH
 Acq On : 03 Aug 2020 21:51
 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: Aug 04 02:37:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.674	2428943	17.697 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
12) S 1-chlorooctadecane (S...	13.109	1955674	17.355 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T n-Nonane (C9)	3.410	2391993	20.066 ug/ml
2) T n-Decane (C10)	4.484	2419965	20.105 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2664959	19.803 ug/ml
4) T n-Dodecane (C12)	6.509	2459544	20.104 ug/ml
5) T A~2-methylnaphthalene...	7.140	2698550	19.578 ug/ml
6) T n-Tetradecane (C14)	8.307	2443541	19.836 ug/ml
7) T n-Hexadecane (C16)	9.910	2367398	19.339 ug/ml
8) T n-Octadecane (C18)	11.352	2404688	18.789 ug/ml
10) T n-Eicosane (C20)	12.663	2325798	17.983 ug/ml
11) T n-Heneicosane (C21)	13.274	2281336	17.599 ug/ml
13) T n-Docosane (C22)	13.860	2235782	17.220 ug/ml
14) T n-Tetracosane (C24)	14.962	2149644	16.399 ug/ml
15) T n-Hexacosane (C26)	15.982	2059255	15.837 ug/ml
16) T n-Octacosane (C28)	16.929	2018327	15.446 ug/ml
17) T n-Tricontane (C30)	17.816	1958303	15.233 ug/ml
18) T n-Dotriacontane (C32)	18.646	1797082	15.211 ug/ml
19) T n-Tetratriacontane (C34)	19.428	1719880	15.408 ug/ml
20) T n-Hexatriacontane (C36)	20.166	1660181	15.785 ug/ml
21) T n-Octatriacontane (C38)	20.918	1604416	16.343 ug/ml
22) T n-Tetracontane (C40)	21.866	1646571	16.944 ug/ml

(f)=RT Delta > 1/2 Window

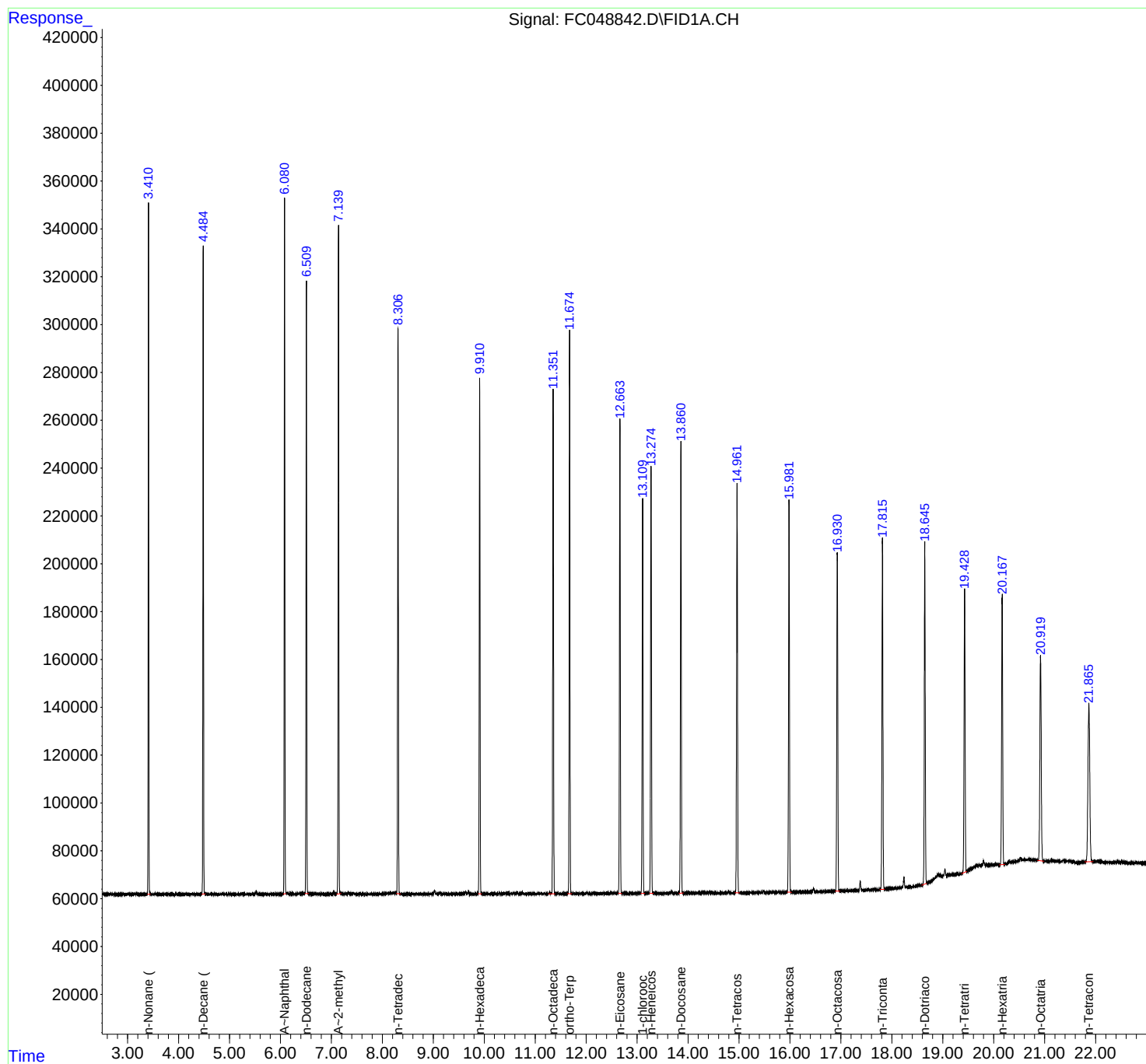
(m)=manual int.

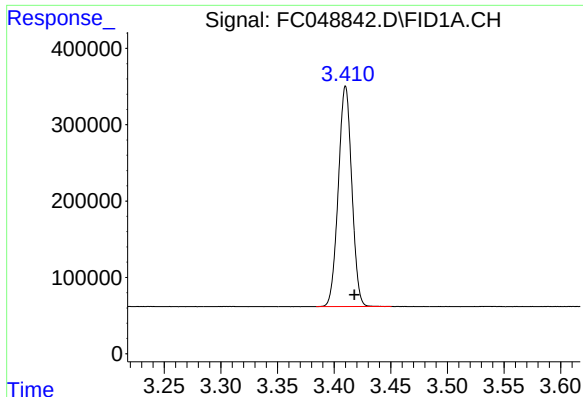
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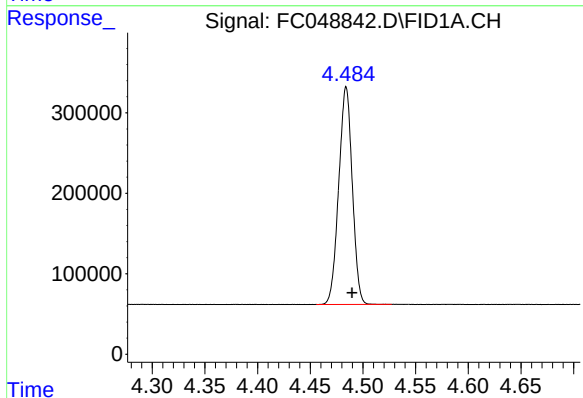




#1 n-Nonane (C9)

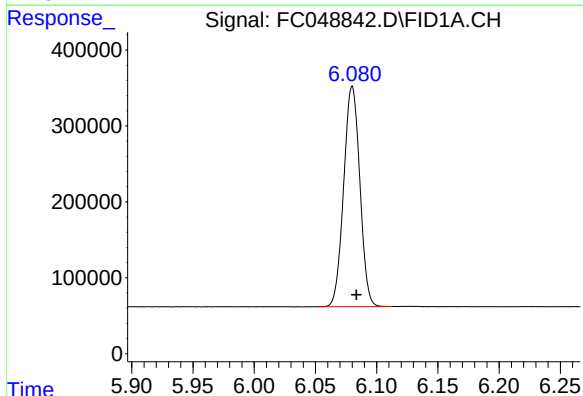
R.T.: 3.410 min
Delta R.T.: -0.008 min
Response: 2391993
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :



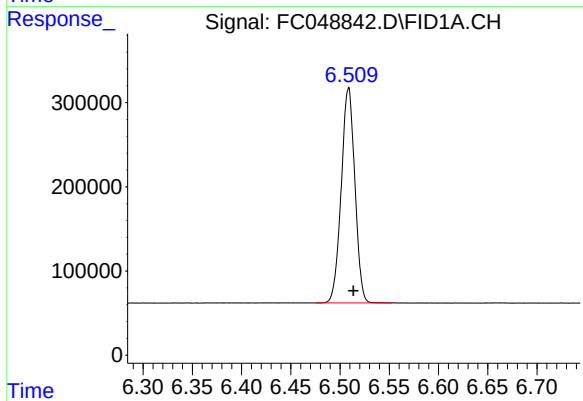
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2419965
Conc: 20.10 ug/ml



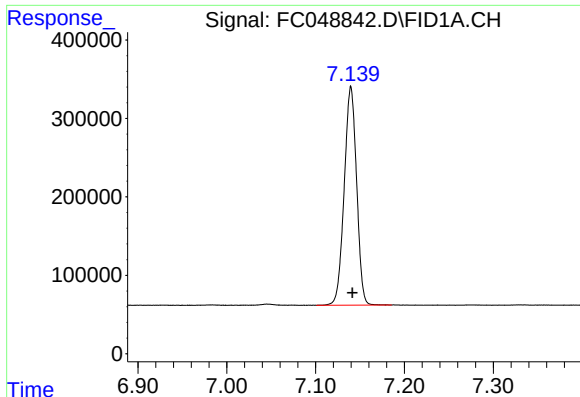
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 2664959
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

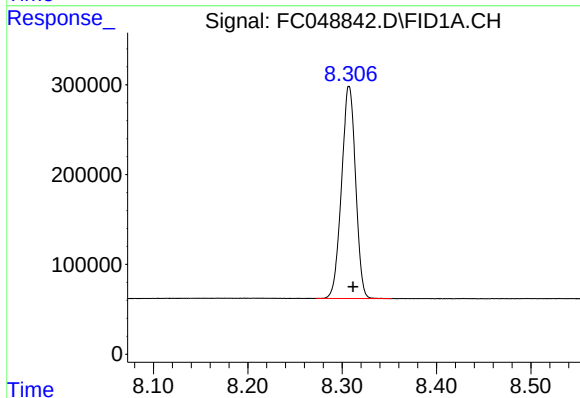
R.T.: 6.509 min
Delta R.T.: -0.005 min
Response: 2459544
Conc: 20.10 ug/ml



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

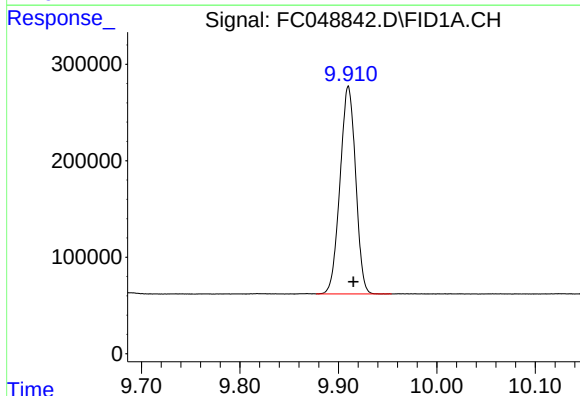
R.T.: 7.140 min
Delta R.T.: -0.002 min
Response: 2698550
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :



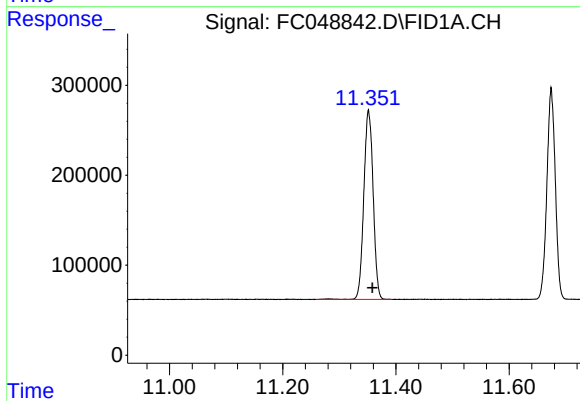
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.004 min
Response: 2443541
Conc: 19.84 ug/ml



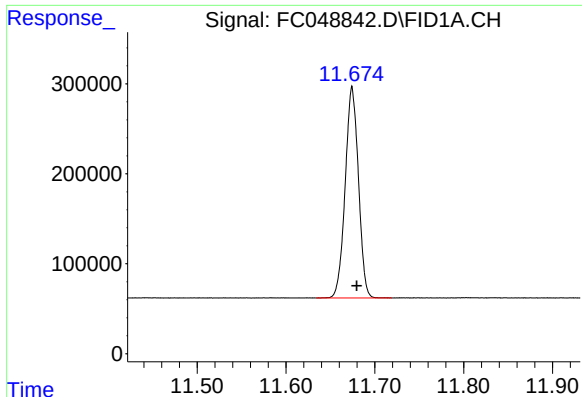
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.005 min
Response: 2367398
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

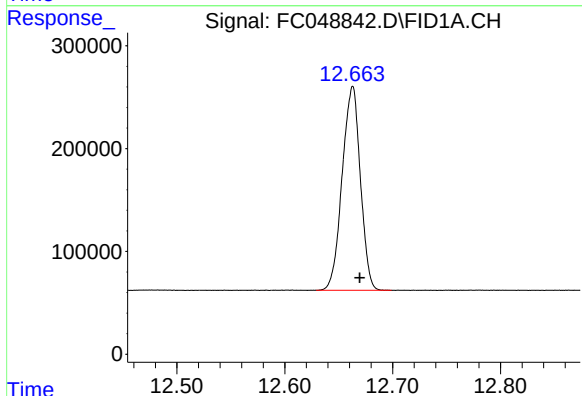
R.T.: 11.352 min
Delta R.T.: -0.007 min
Response: 2404688
Conc: 18.79 ug/ml



#9 ortho-Terphenyl (SURR)

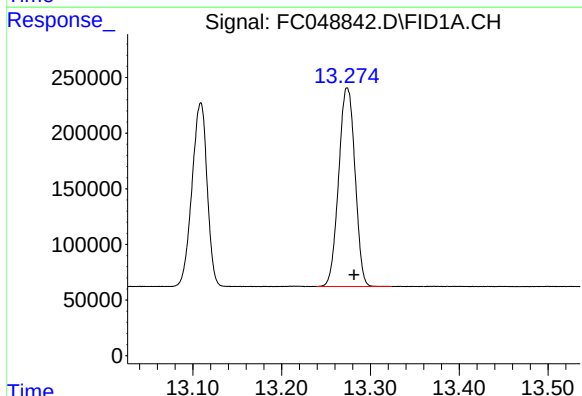
R.T.: 11.674 min
Delta R.T.: -0.005 min
Response: 2428943
Conc: 17.70 ug/ml

Instrument :
FID_C
ClientSampleId :



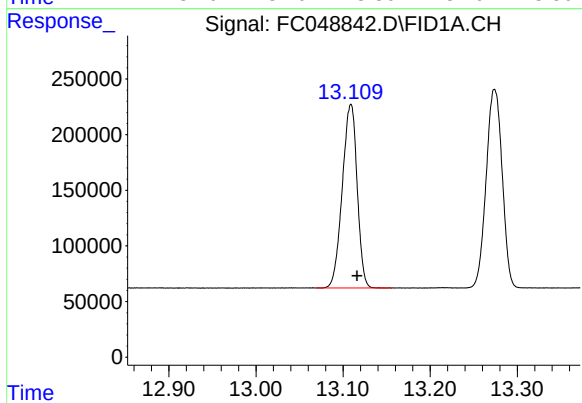
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2325798
Conc: 17.98 ug/ml



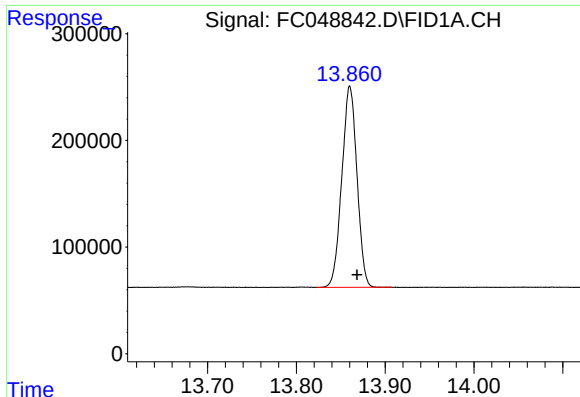
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2281336
Conc: 17.60 ug/ml



#12 1-chlorooctadecane (SURR)

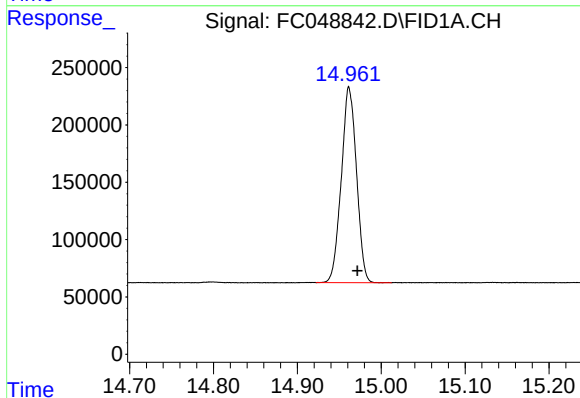
R.T.: 13.109 min
Delta R.T.: -0.007 min
Response: 1955674
Conc: 17.35 ug/ml



#13 n-Docosane (C22)

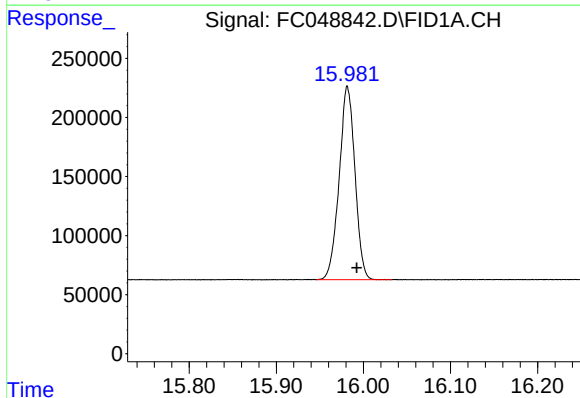
R.T.: 13.860 min
Delta R.T.: -0.008 min
Response: 2235782
Conc: 17.22 ug/ml

Instrument :
FID_C
ClientSampleId :



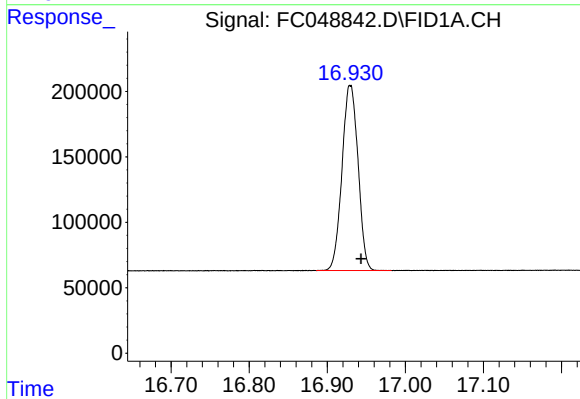
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.010 min
Response: 2149644
Conc: 16.40 ug/ml



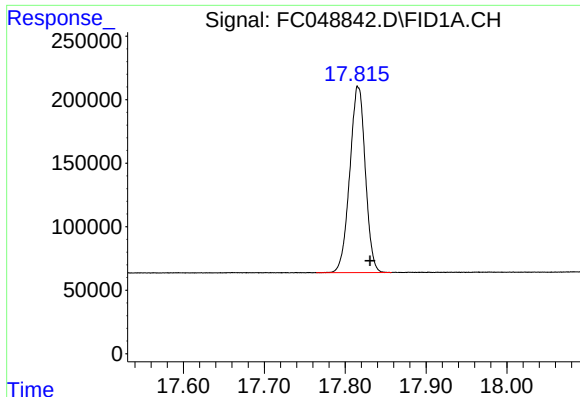
#15 n-Hexacosane (C26)

R.T.: 15.982 min
Delta R.T.: -0.011 min
Response: 2059255
Conc: 15.84 ug/ml



#16 n-Octacosane (C28)

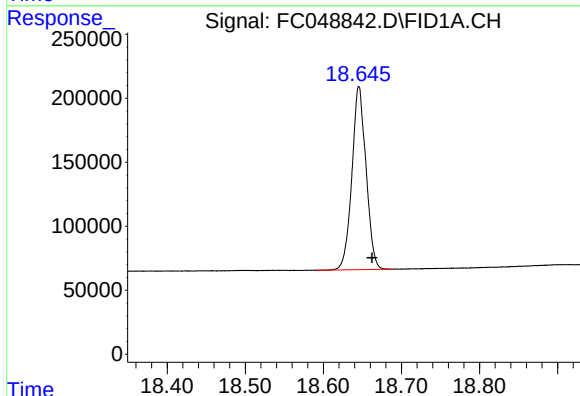
R.T.: 16.929 min
Delta R.T.: -0.014 min
Response: 2018327
Conc: 15.45 ug/ml



#17 n-Tricontane (C30)

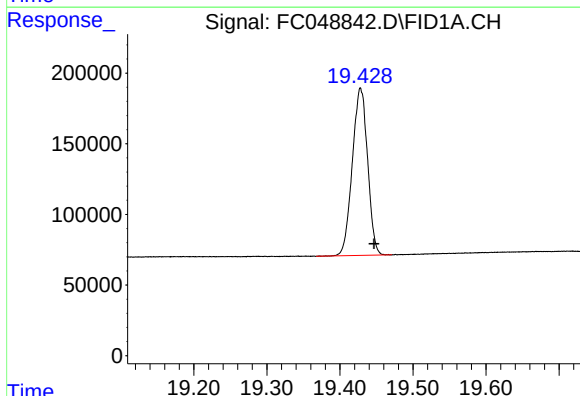
R.T.: 17.816 min
Delta R.T.: -0.015 min
Response: 1958303
Conc: 15.23 ug/ml

Instrument :
FID_C
ClientSampleId :



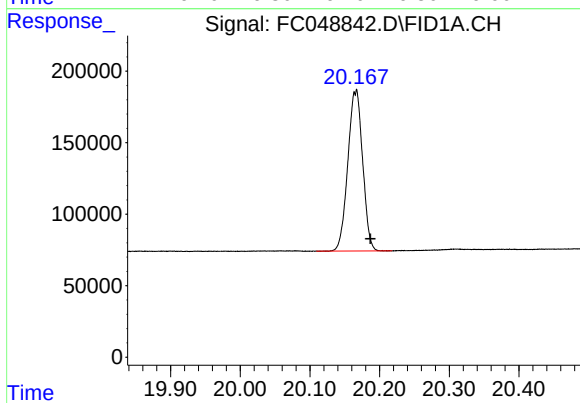
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.017 min
Response: 1797082
Conc: 15.21 ug/ml



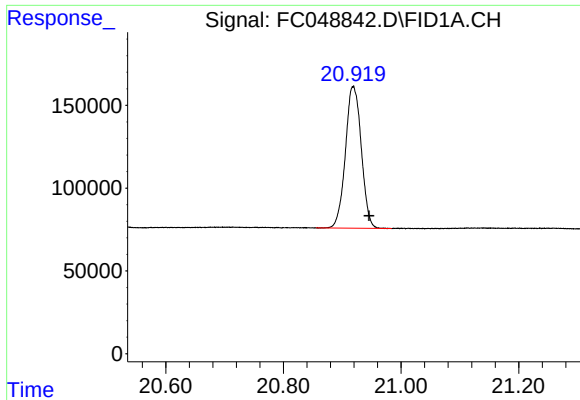
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: -0.019 min
Response: 1719880
Conc: 15.41 ug/ml



#20 n-Hexatriacontane (C36)

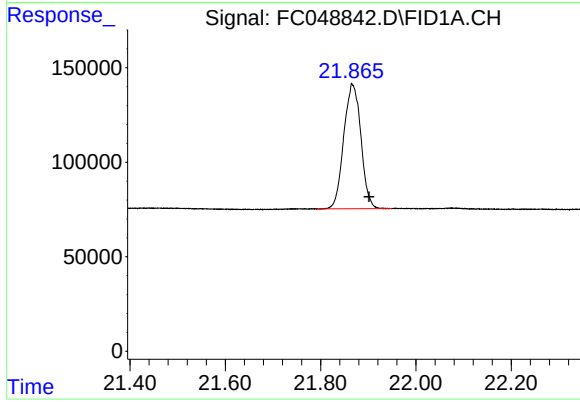
R.T.: 20.166 min
Delta R.T.: -0.020 min
Response: 1660181
Conc: 15.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.027 min
Response: 1604416
Conc: 16.34 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.035 min
Response: 1646571
Conc: 16.94 ug/ml