

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057092.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2021 10:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 25 23:54:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.595	2354114	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
12) S 1-chlorooctadecane (S...	13.028	1817655	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.356	2165884	21.374 ug/ml
2) T n-Decane (C10)	4.423	2194172	21.911 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2444225	21.890 ug/ml
4) T n-Dodecane (C12)	6.441	2239028	22.083 ug/ml
5) T A~2-methylnaphthalene...	7.070	2447620	22.198 ug/ml
6) T n-Tetradecane (C14)	8.235	2226601	21.976 ug/ml
7) T n-Hexadecane (C16)	9.835	2219017	21.624 ug/ml
8) T n-Octadecane (C18)	11.275	2264562	21.137 ug/ml
10) T n-Eicosane (C20)	12.583	2193862	20.512 ug/ml
11) T n-Heneicosane (C21)	13.194	2182636	20.155 ug/ml
13) T n-Docosane (C22)	13.779	2122518	19.812 ug/ml
14) T n-Tetracosane (C24)	14.879	2078280	19.198 ug/ml
15) T n-Hexacosane (C26)	15.897	1977007	18.560 ug/ml
16) T n-Octacosane (C28)	16.844	1950140	18.283 ug/ml
17) T n-Tricontane (C30)	17.729	1966510	18.450 ug/ml
18) T n-Dotriacontane (C32)	18.557	1953803	18.523 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1947286	18.744 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2176193	21.545 ug/ml
21) T n-Octatriacontane (C38)	20.807	1953193	21.277 ug/ml
22) T n-Tetracontane (C40)	21.716	1869849	20.757 ug/ml

(f)=RT Delta > 1/2 Window

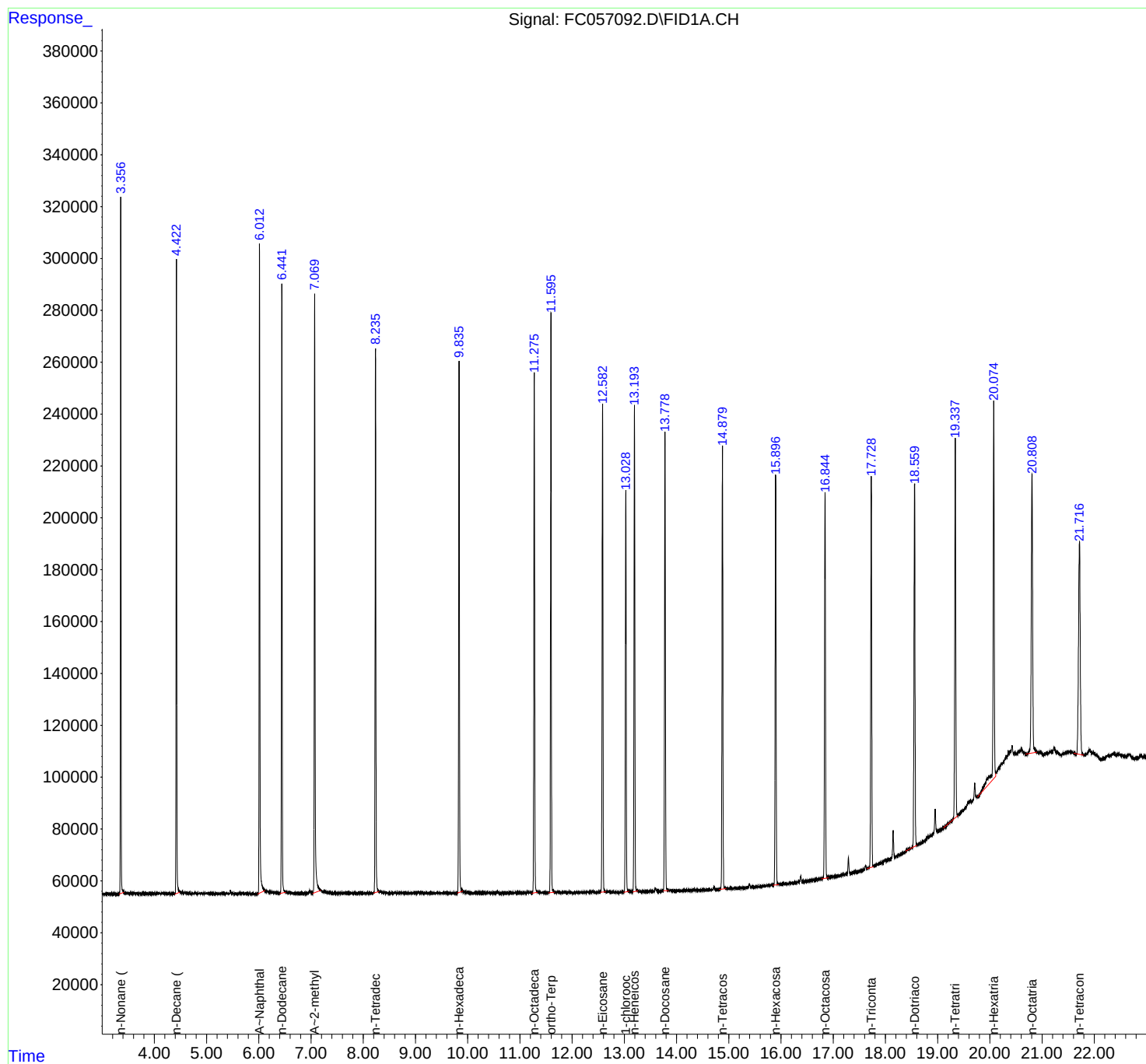
(m)=manual int.

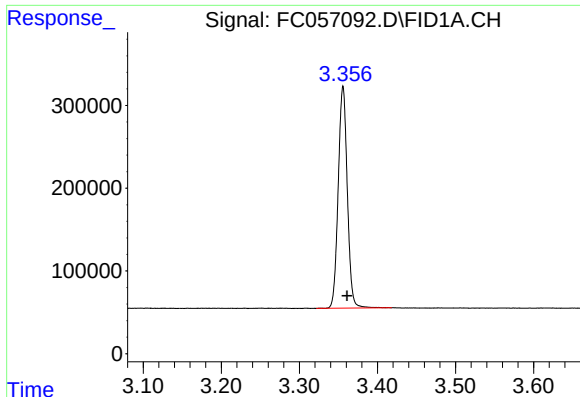
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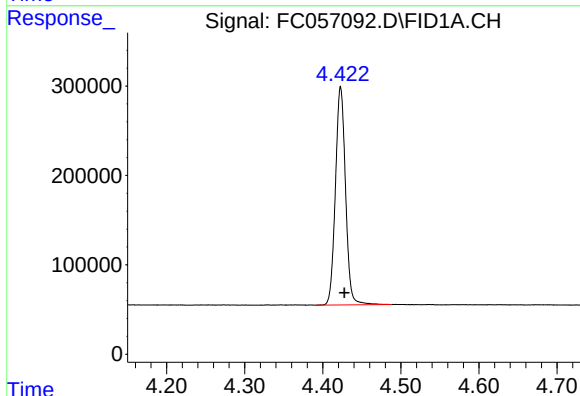




#1 n-Nonane (C9)

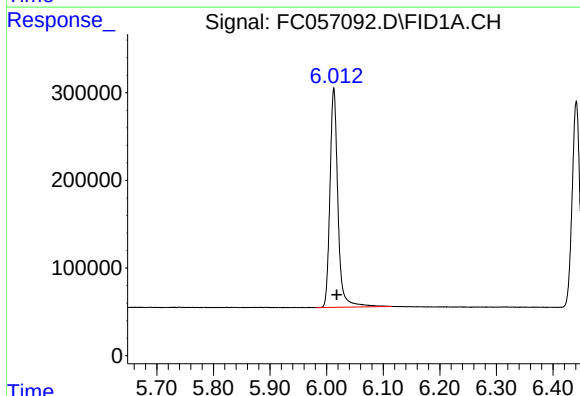
R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 2165884
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :



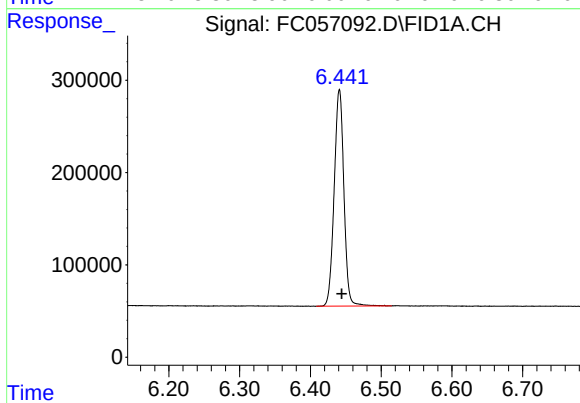
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.005 min
Response: 2194172
Conc: 21.91 ug/ml



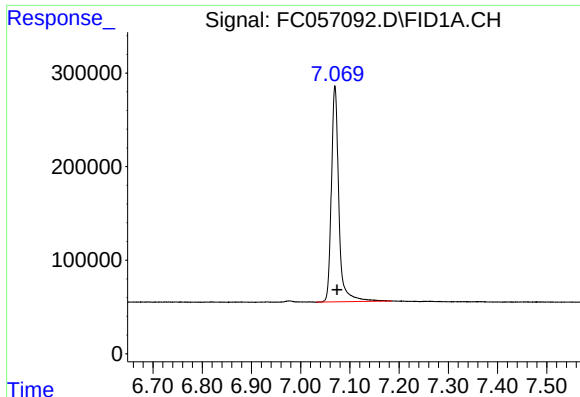
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 2444225
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

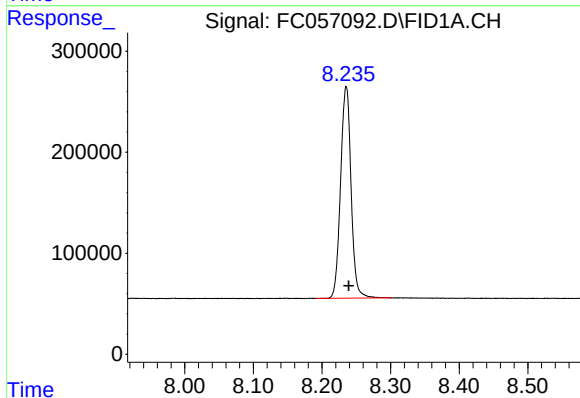
R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 2239028
Conc: 22.08 ug/ml



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

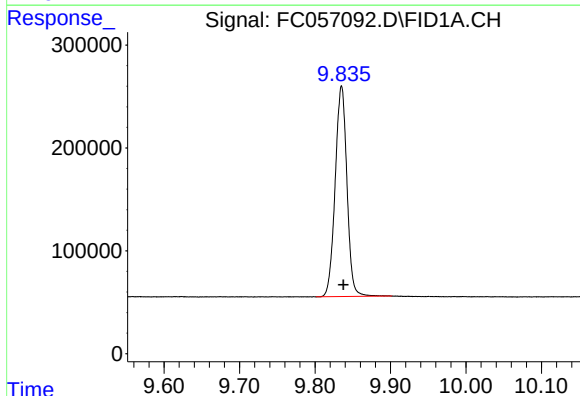
R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2447620
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :



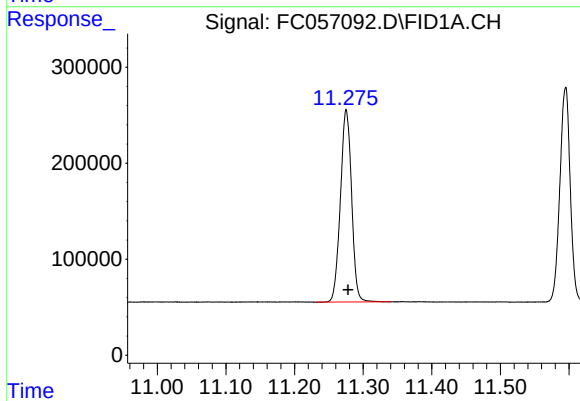
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2226601
Conc: 21.98 ug/ml



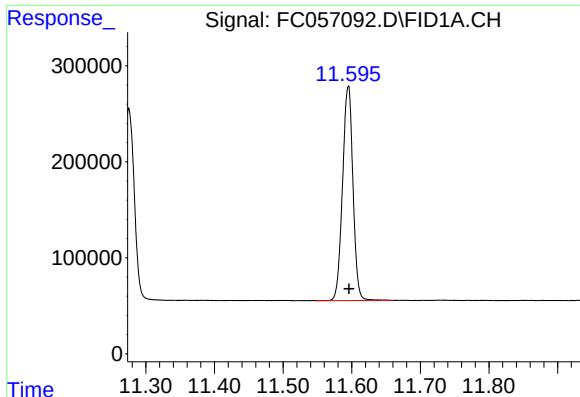
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.003 min
Response: 2219017
Conc: 21.62 ug/ml



#8 n-Octadecane (C18)

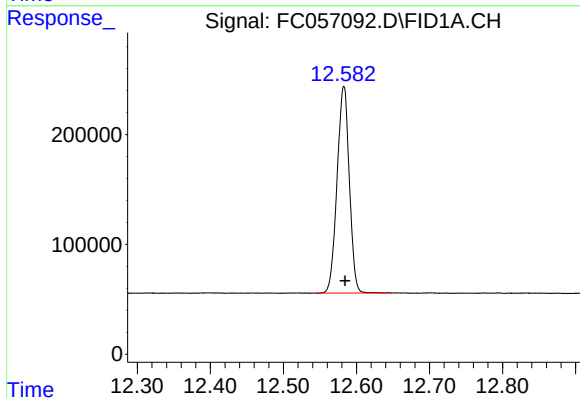
R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 2264562
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

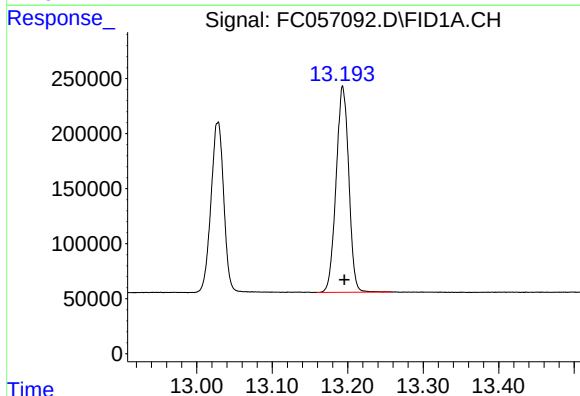
R.T.: 11.595 min
Delta R.T.: -0.001 min
Response: 2354114
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :



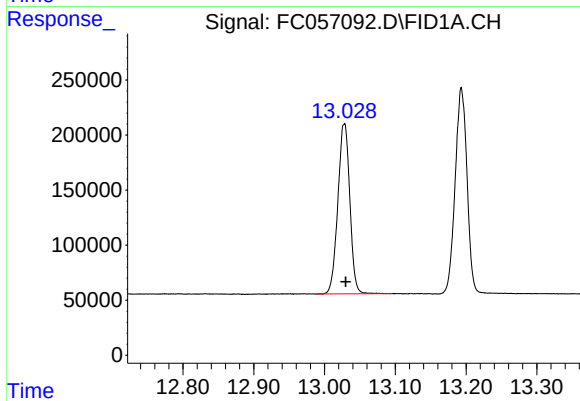
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 2193862
Conc: 20.51 ug/ml



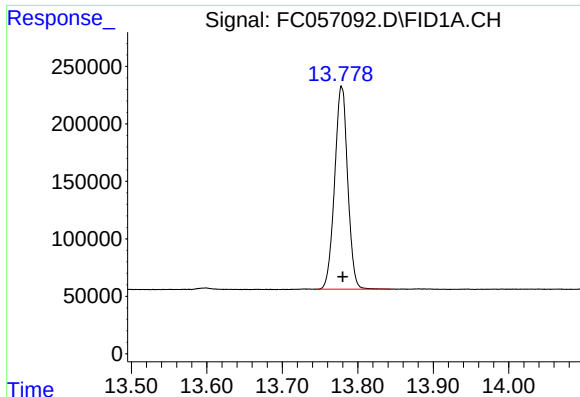
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 2182636
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

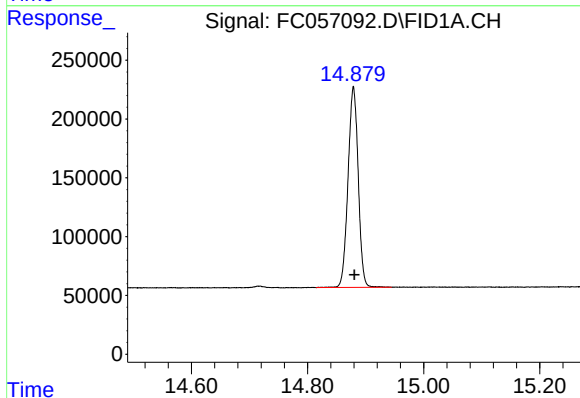
R.T.: 13.028 min
Delta R.T.: -0.002 min
Response: 1817655
Conc: 19.97 ug/ml



#13 n-Docosane (C22)

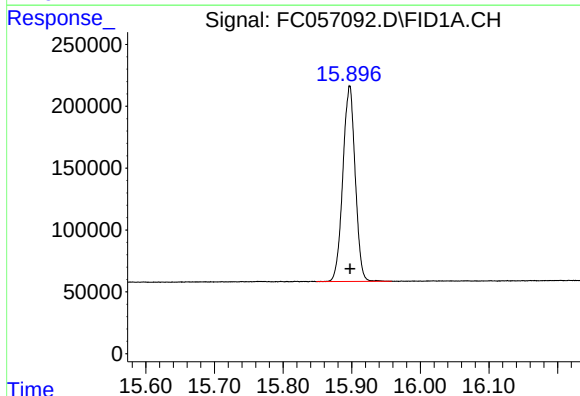
R.T.: 13.779 min
Delta R.T.: -0.001 min
Response: 2122518
Conc: 19.81 ug/ml

Instrument :
FID_C
ClientSampleId :



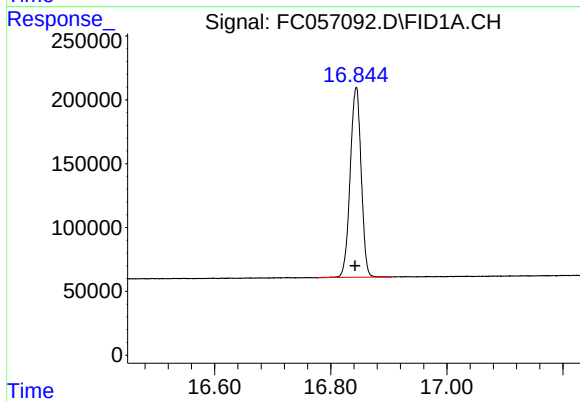
#14 n-Tetracosane (C24)

R.T.: 14.879 min
Delta R.T.: -0.002 min
Response: 2078280
Conc: 19.20 ug/ml



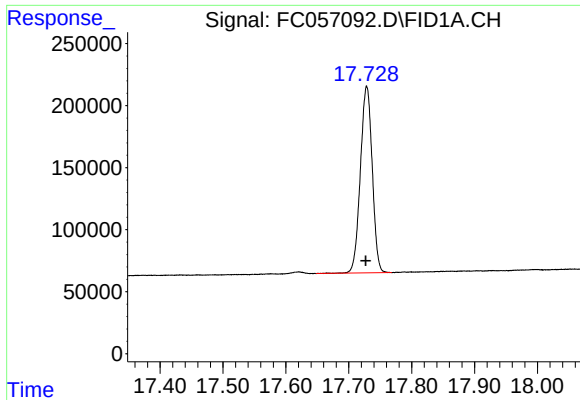
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.001 min
Response: 1977007
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

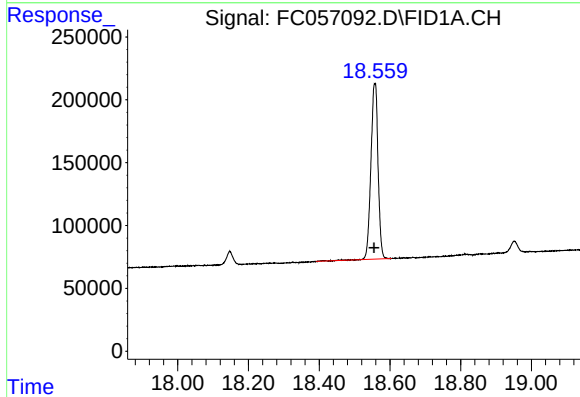
R.T.: 16.844 min
Delta R.T.: 0.001 min
Response: 1950140
Conc: 18.28 ug/ml



#17 n-Tricontane (C30)

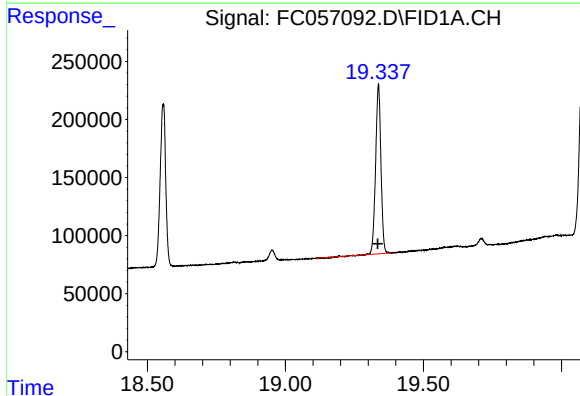
R.T.: 17.729 min
Delta R.T.: 0.001 min
Response: 1966510
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :



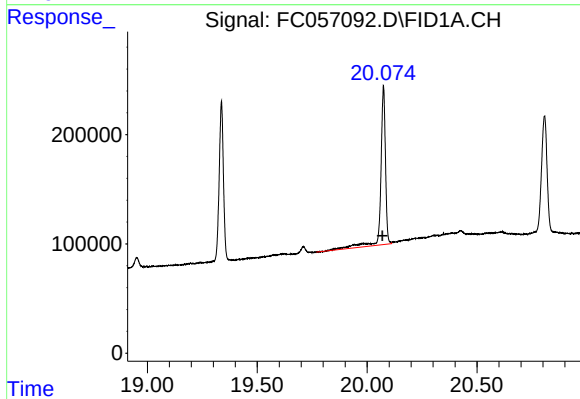
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: 0.002 min
Response: 1953803
Conc: 18.52 ug/ml



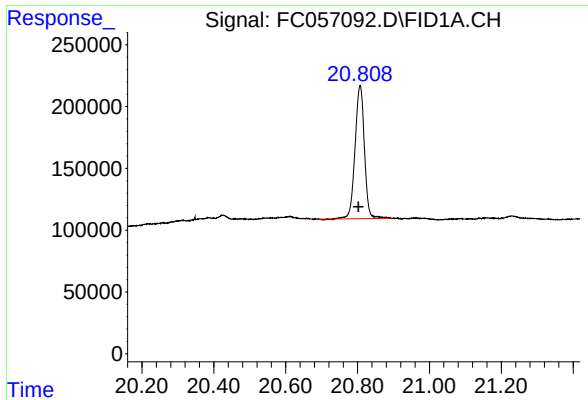
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.003 min
Response: 1947286
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

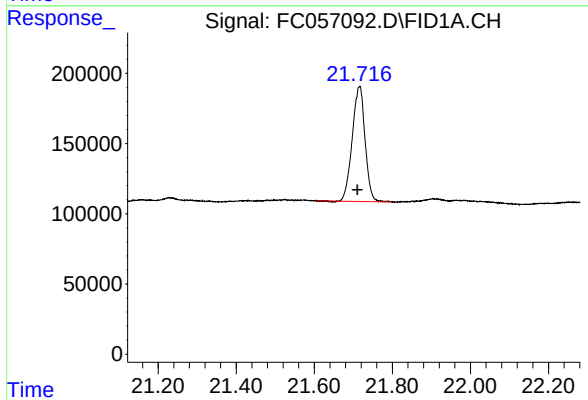
R.T.: 20.074 min
Delta R.T.: 0.004 min
Response: 2176193
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.004 min
Response: 1953193
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: 0.006 min
Response: 1869849
Conc: 20.76 ug/ml