

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110421AL\
 Data File : FC056635.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2021 11:01
 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 08 00:18:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.610	2257125	18.229 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	13.040	1786462	18.566 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.372	2308041	21.325 ug/ml
2) T n-Decane (C10)	4.439	2324178	21.576 ug/ml
3) T A~Naphthalene (C11.7)	6.029	2558996	20.989 ug/ml
4) T n-Dodecane (C12)	6.457	2369882	21.498 ug/ml
5) T A~2-methylnaphthalene...	7.086	2591363	21.161 ug/ml
6) T n-Tetradecane (C14)	8.251	2341110	20.853 ug/ml
7) T n-Hexadecane (C16)	9.850	2327771	20.475 ug/ml
8) T n-Octadecane (C18)	11.290	2302509	19.704 ug/ml
10) T n-Eicosane (C20)	12.596	2209973	19.229 ug/ml
11) T n-Heneicosane (C21)	13.206	2180130	18.970 ug/ml
13) T n-Docosane (C22)	13.791	2115515	18.790 ug/ml
14) T n-Tetracosane (C24)	14.890	2009854	18.238 ug/ml
15) T n-Hexacosane (C26)	15.907	1936749	18.350 ug/ml
16) T n-Octacosane (C28)	16.854	1824091	17.585 ug/ml
17) T n-Tricontane (C30)	17.737	1908924	18.424 ug/ml
18) T n-Dotriacontane (C32)	18.565	1919945	20.039 ug/ml
19) T n-Tetratriacontane (C34)	19.345	1852938	21.126 ug/ml
20) T n-Hexatriacontane (C36)	20.080	1867908	22.821 ug/ml
21) T n-Octatriacontane (C38)	20.812	1829057	22.870 ug/ml
22) T n-Tetracontane (C40)	21.723	1790724	21.735 ug/ml

(f)=RT Delta > 1/2 Window

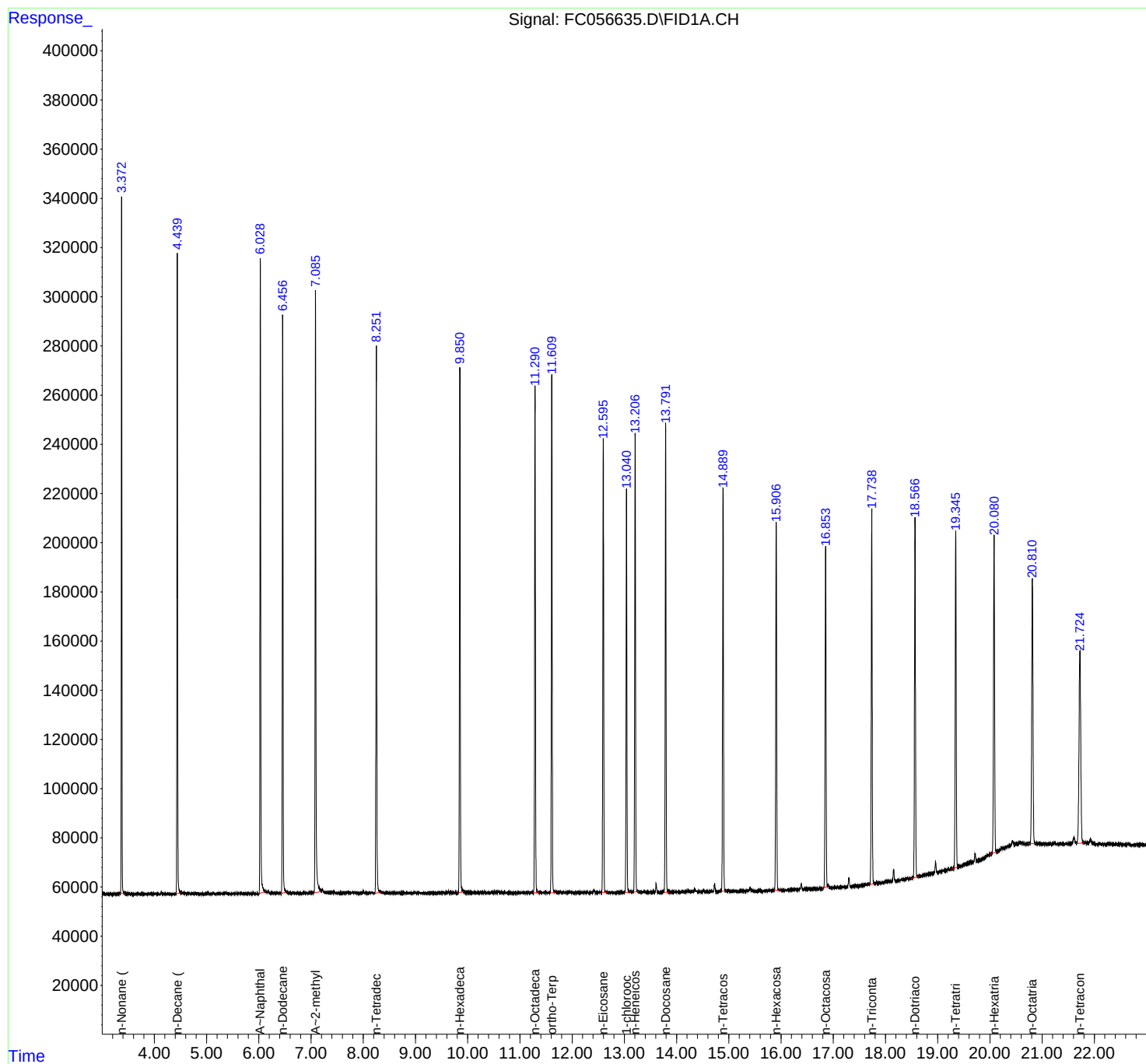
(m)=manual int.

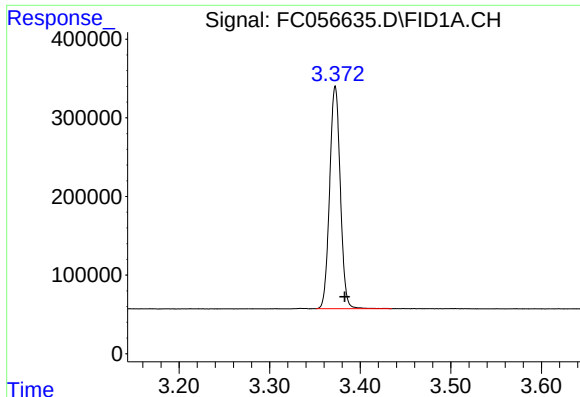
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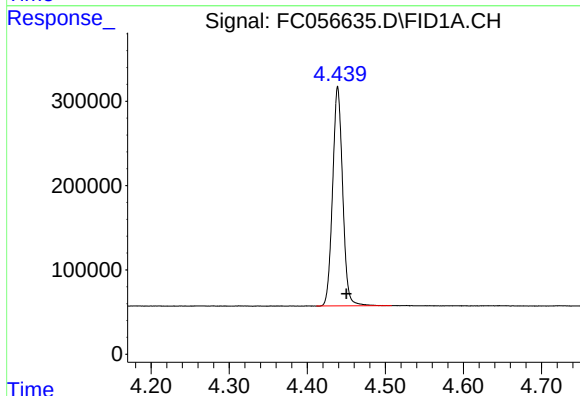




#1 n-Nonane (C9)

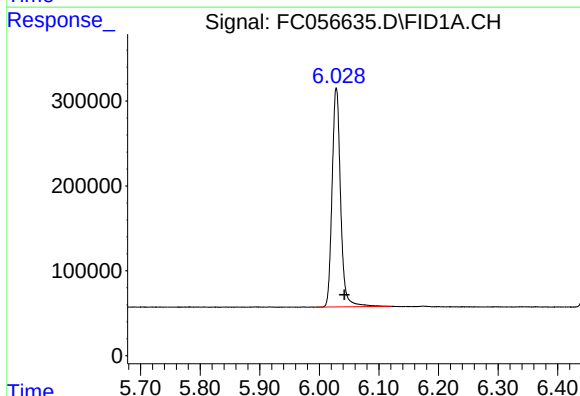
R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2308041
Conc: 21.32 ug/ml

Instrument :
FID_C
ClientSampleId :



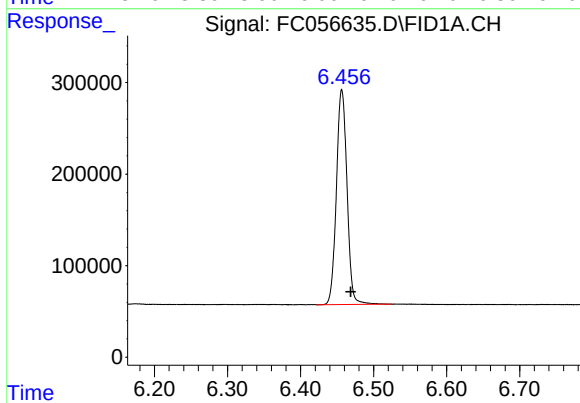
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2324178
Conc: 21.58 ug/ml



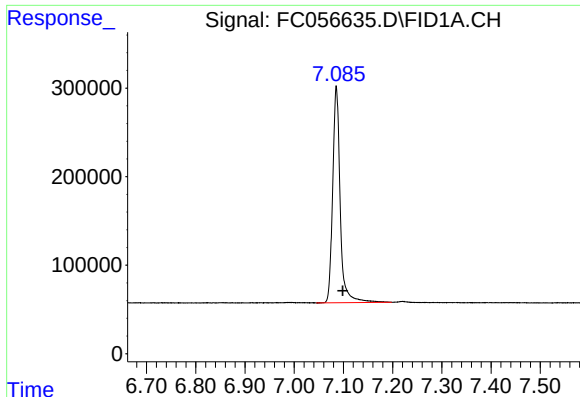
#3 A~Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.013 min
Response: 2558996
Conc: 20.99 ug/ml



#4 n-Dodecane (C12)

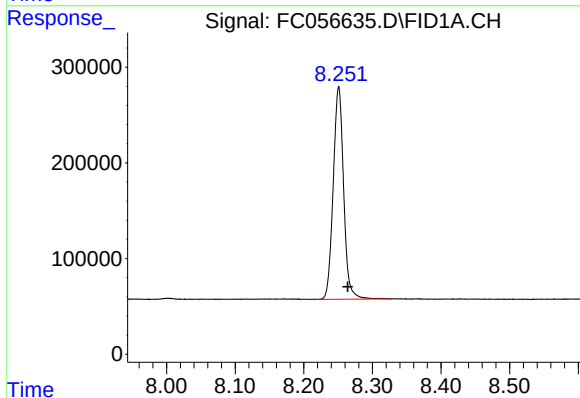
R.T.: 6.457 min
Delta R.T.: -0.012 min
Response: 2369882
Conc: 21.50 ug/ml



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

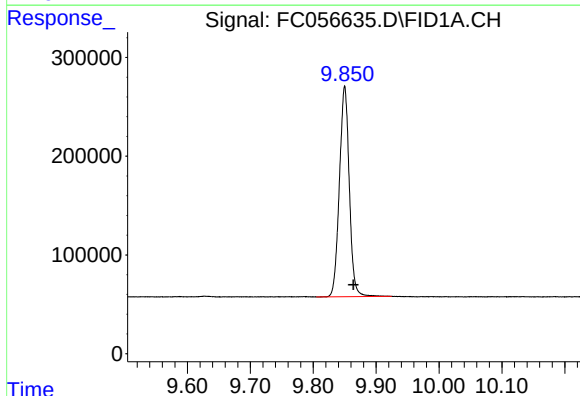
R.T.: 7.086 min
Delta R.T.: -0.013 min
Response: 2591363
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :



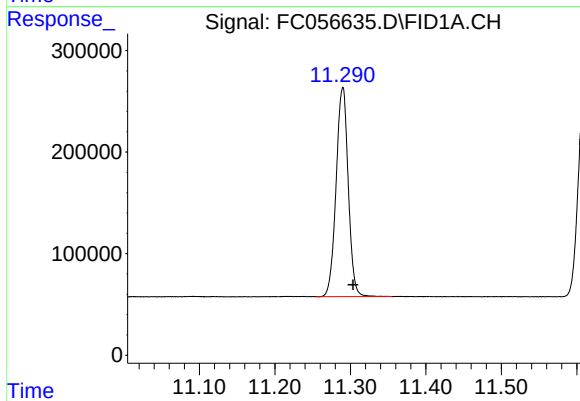
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.013 min
Response: 2341110
Conc: 20.85 ug/ml



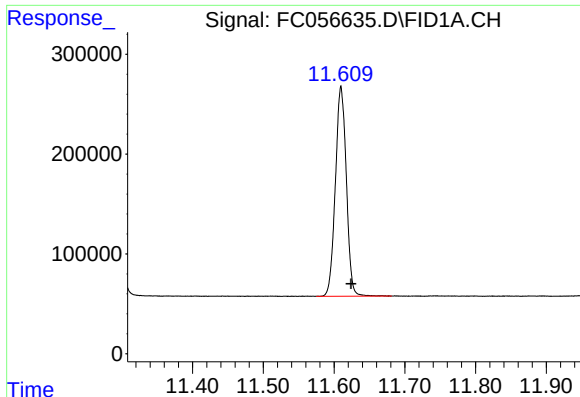
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.014 min
Response: 2327771
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

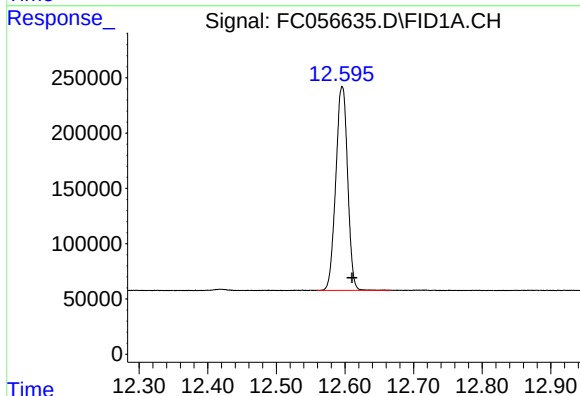
R.T.: 11.290 min
Delta R.T.: -0.014 min
Response: 2302509
Conc: 19.70 ug/ml



#9 ortho-Terphenyl (SURR)

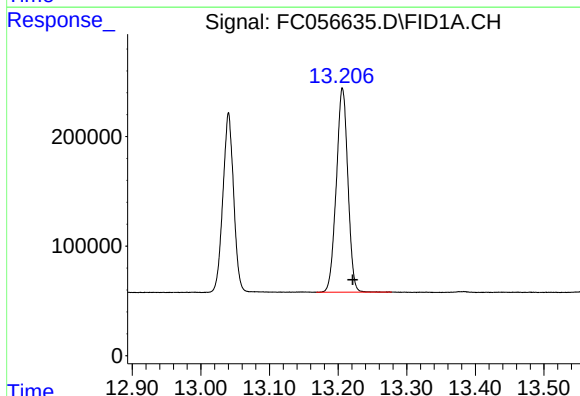
R.T.: 11.610 min
Delta R.T.: -0.014 min
Response: 2257125
Conc: 18.23 ug/ml

Instrument :
FID_C
ClientSampleId :



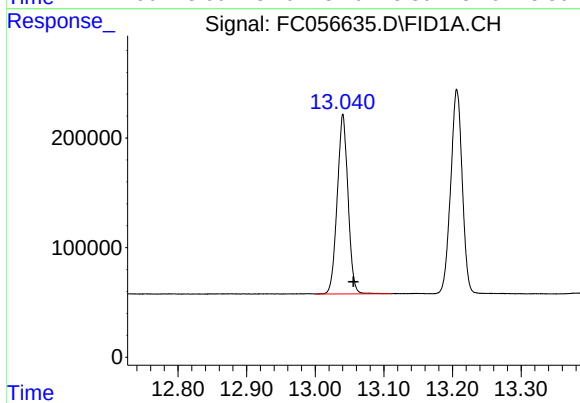
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.014 min
Response: 2209973
Conc: 19.23 ug/ml



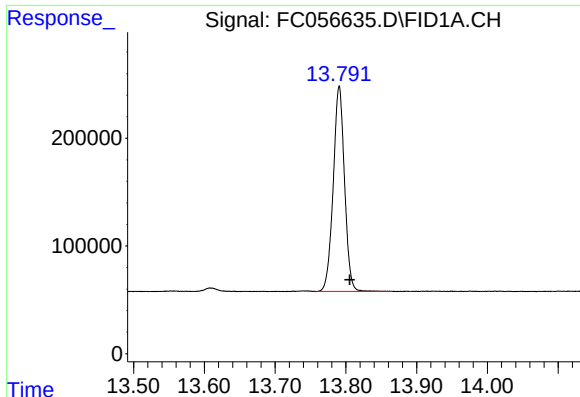
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.015 min
Response: 2180130
Conc: 18.97 ug/ml



#12 1-chlorooctadecane (SURR)

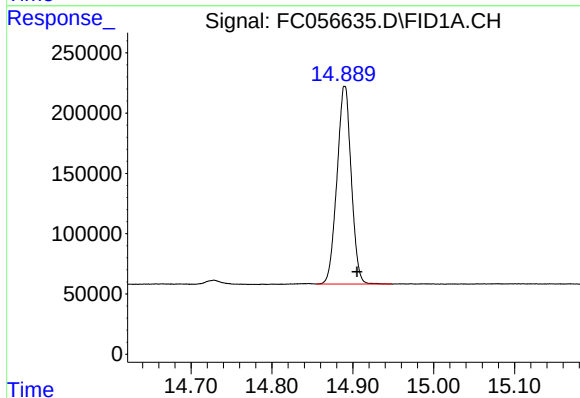
R.T.: 13.040 min
Delta R.T.: -0.015 min
Response: 1786462
Conc: 18.57 ug/ml



#13 n-Docosane (C22)

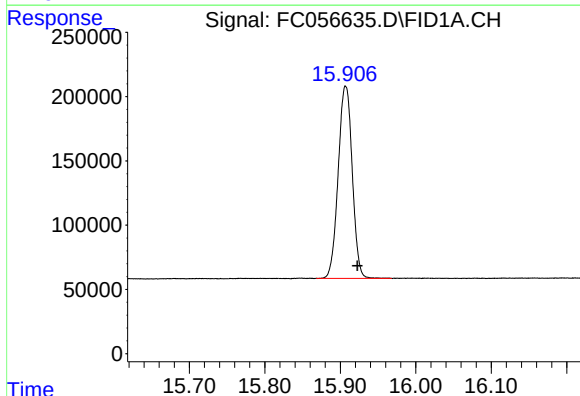
R.T.: 13.791 min
Delta R.T.: -0.015 min
Response: 2115515
Conc: 18.79 ug/ml

Instrument :
FID_C
ClientSampleId :



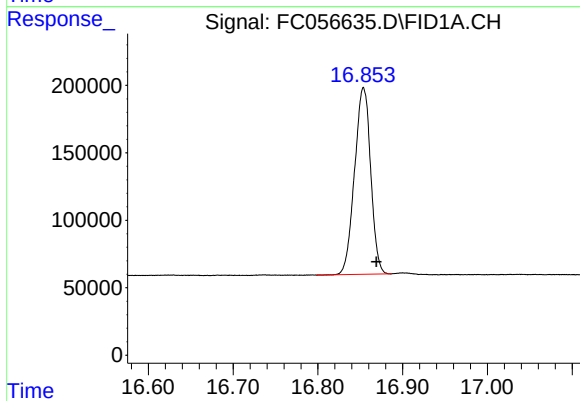
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.015 min
Response: 2009854
Conc: 18.24 ug/ml



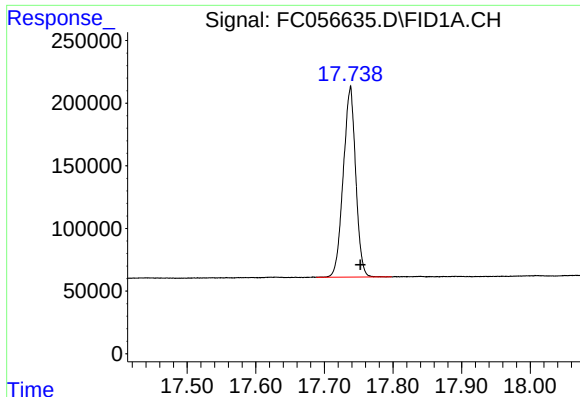
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.016 min
Response: 1936749
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

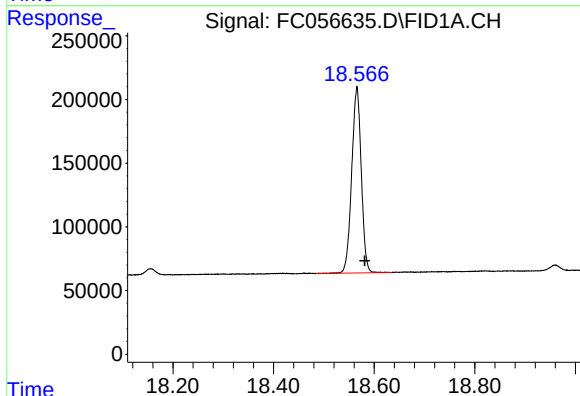
R.T.: 16.854 min
Delta R.T.: -0.015 min
Response: 1824091
Conc: 17.59 ug/ml



#17 n-Tricontane (C30)

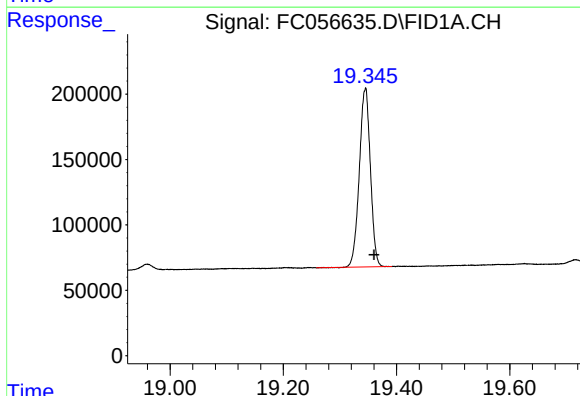
R.T.: 17.737 min
Delta R.T.: -0.015 min
Response: 1908924
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :



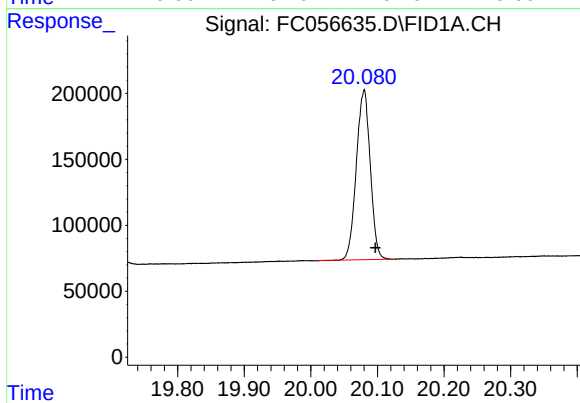
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.015 min
Response: 1919945
Conc: 20.04 ug/ml



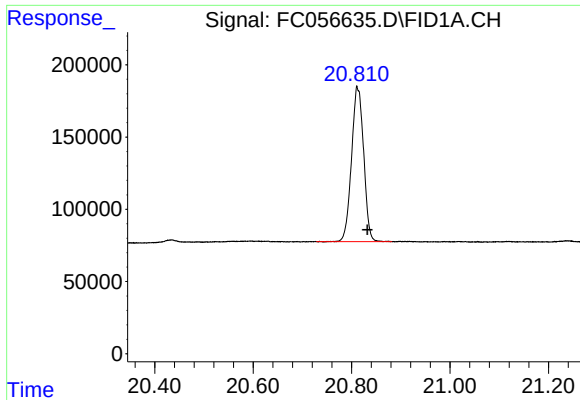
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.016 min
Response: 1852938
Conc: 21.13 ug/ml



#20 n-Hexatriacontane (C36)

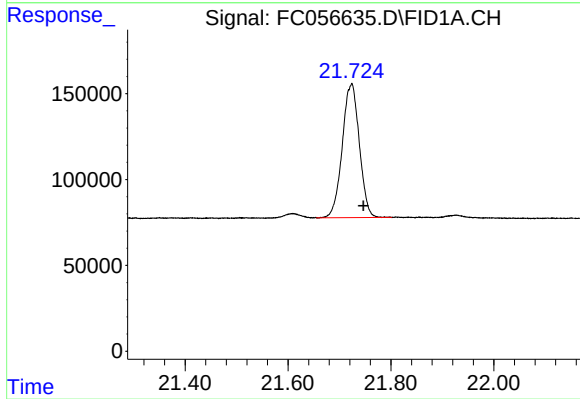
R.T.: 20.080 min
Delta R.T.: -0.017 min
Response: 1867908
Conc: 22.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.020 min
Response: 1829057
Conc: 22.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.024 min
Response: 1790724
Conc: 21.73 ug/ml