

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056496.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2021 11:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 29 14:40:42 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)	11.623	2230783	18.017 ug/ml
Spiked Amount 50.000		Recovery =	36.03%
12) S 1-chlorooctadecane (S...	13.053	1702578	17.694 ug/ml
Spiked Amount 50.000		Recovery =	35.39%
Target Compounds			
1) T n-Nonane (C9)	3.379	2233832	20.639 ug/ml
2) T n-Decane (C10)	4.447	2246964	20.860 ug/ml
3) T A~Naphthalene (C11.7)	6.038	2506254	20.556 ug/ml
4) T n-Dodecane (C12)	6.466	2265290	20.549 ug/ml
5) T A~2-methylnaphthalene...	7.095	2475803	20.217 ug/ml
6) T n-Tetradecane (C14)	8.260	2254756	20.084 ug/ml
7) T n-Hexadecane (C16)	9.860	2221157	19.537 ug/ml
8) T n-Octadecane (C18)	11.301	2203561	18.857 ug/ml
10) T n-Eicosane (C20)	12.608	2091974	18.203 ug/ml
11) T n-Heneicosane (C21)	13.218	2056006	17.890 ug/ml
13) T n-Docosane (C22)	13.804	1999436	17.759 ug/ml
14) T n-Tetracosane (C24)	14.904	1922526	17.445 ug/ml
15) T n-Hexacosane (C26)	15.921	1857815	17.602 ug/ml
16) T n-Octacosane (C28)	16.867	1844984	17.787 ug/ml
17) T n-Tricontane (C30)	17.752	1864815	17.999 ug/ml
18) T n-Dotriacontane (C32)	18.580	1855287	19.365 ug/ml
19) T n-Tetratriacontane (C34)	19.361	1836129	20.934 ug/ml
20) T n-Hexatriacontane (C36)	20.096	1764524	21.558 ug/ml
21) T n-Octatriacontane (C38)	20.832	1795916	22.456 ug/ml
22) T n-Tetracontane (C40)	21.750	1811861	21.991 ug/ml

(f)=RT Delta > 1/2 Window

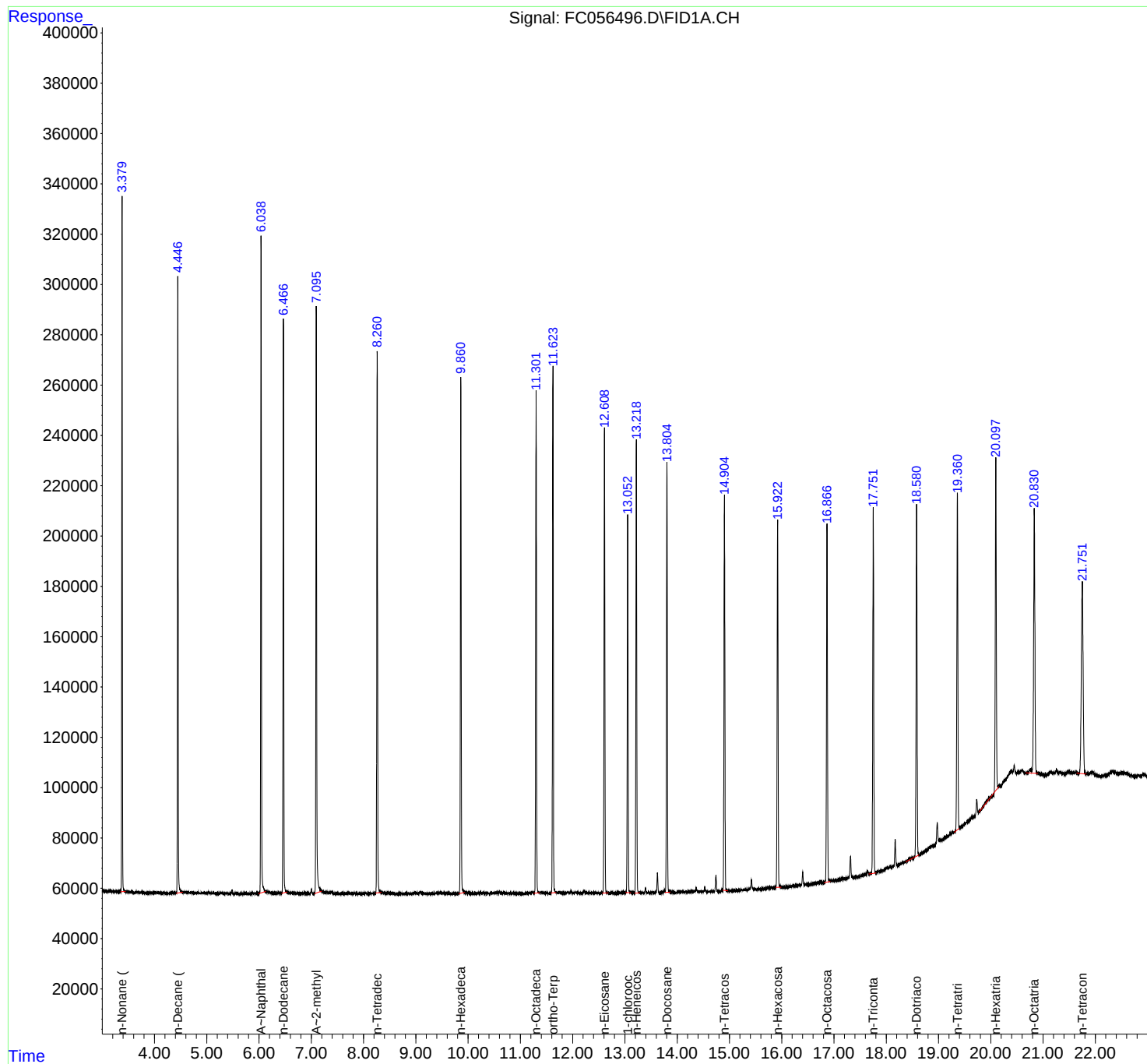
(m)=manual int.

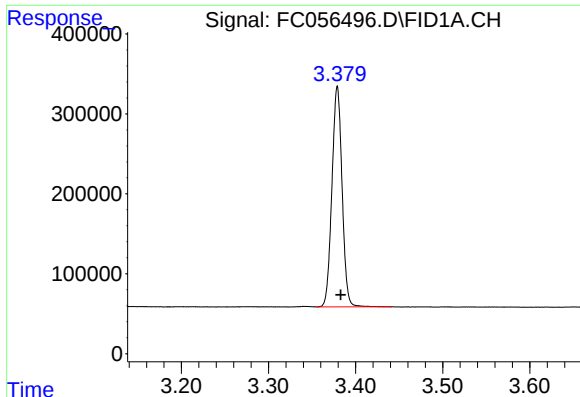
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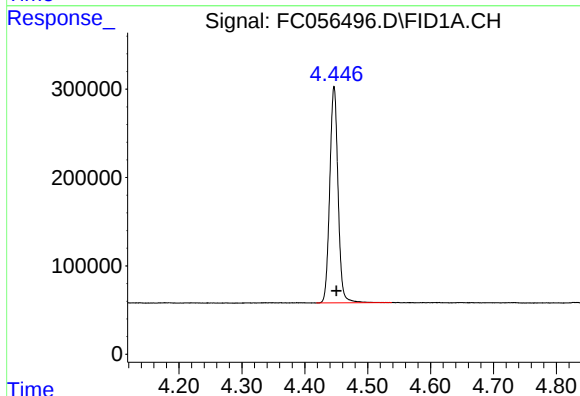




#1 n-Nonane (C9)

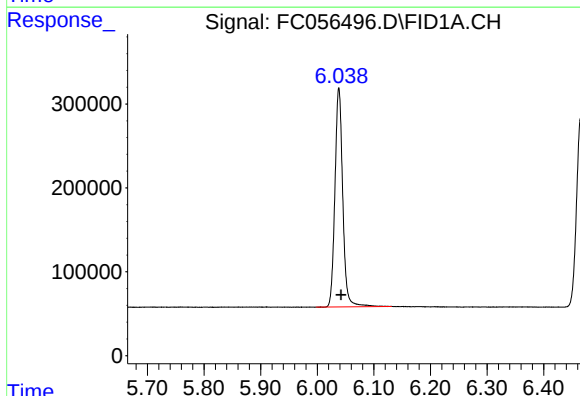
R.T.: 3.379 min
Delta R.T.: -0.004 min
Response: 2233832
Conc: 20.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



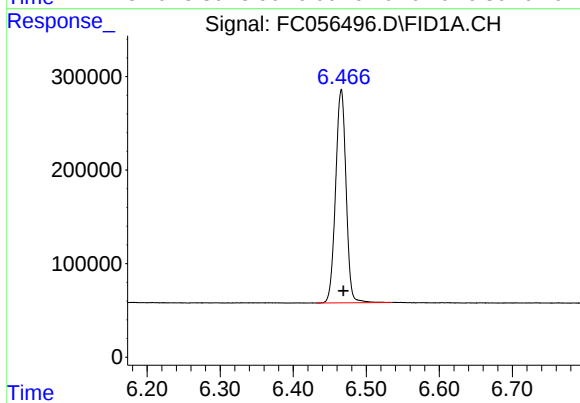
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.004 min
Response: 2246964
Conc: 20.86 ug/ml



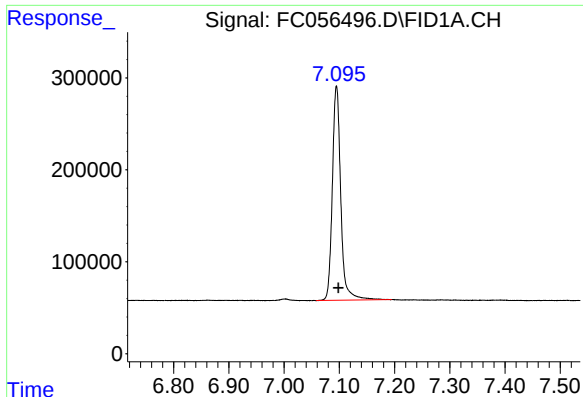
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 2506254
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

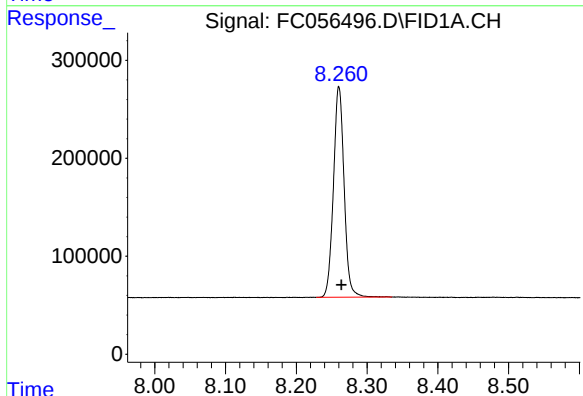
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 2265290
Conc: 20.55 ug/ml



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

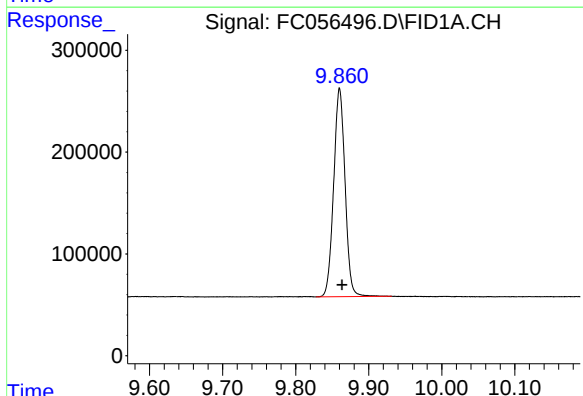
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 2475803
Conc: 20.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



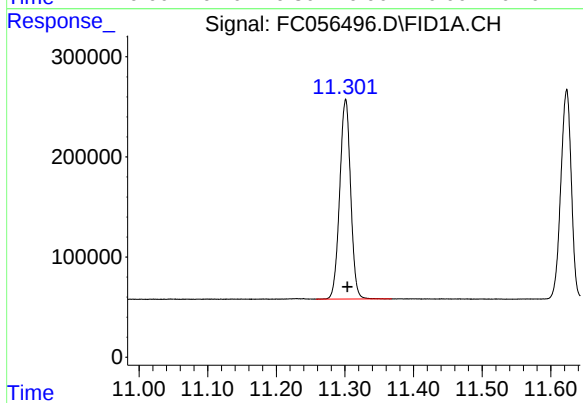
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.003 min
Response: 2254756
Conc: 20.08 ug/ml



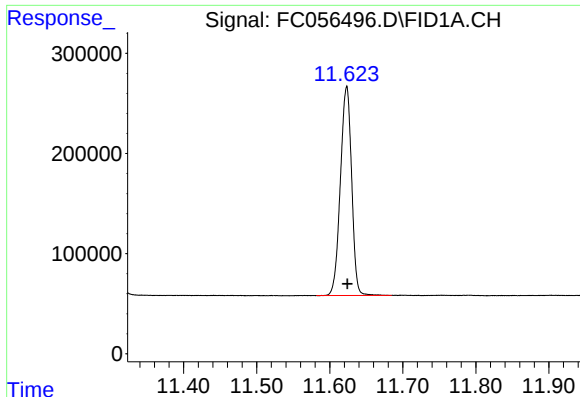
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.004 min
Response: 2221157
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

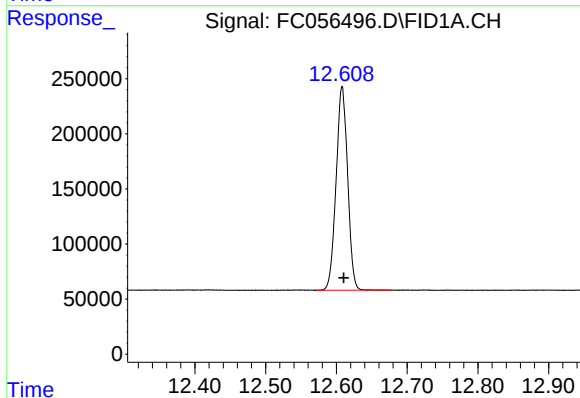
R.T.: 11.301 min
Delta R.T.: -0.003 min
Response: 2203561
Conc: 18.86 ug/ml



#9 ortho-Terphenyl (SURR)

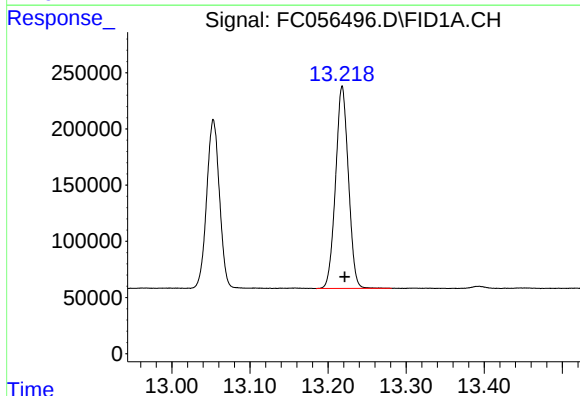
R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 2230783
Conc: 18.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



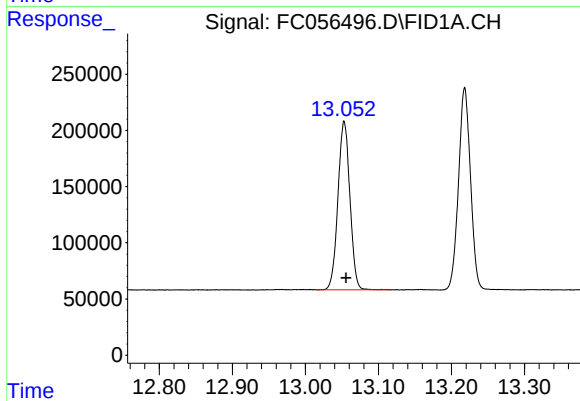
#10 n-Eicosane (C20)

R.T.: 12.608 min
Delta R.T.: -0.002 min
Response: 2091974
Conc: 18.20 ug/ml



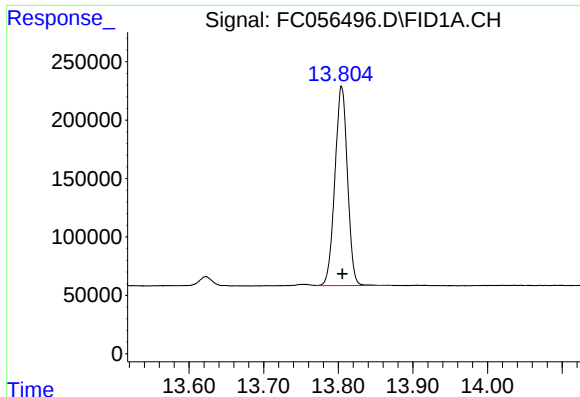
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.003 min
Response: 2056006
Conc: 17.89 ug/ml



#12 1-chlorooctadecane (SURR)

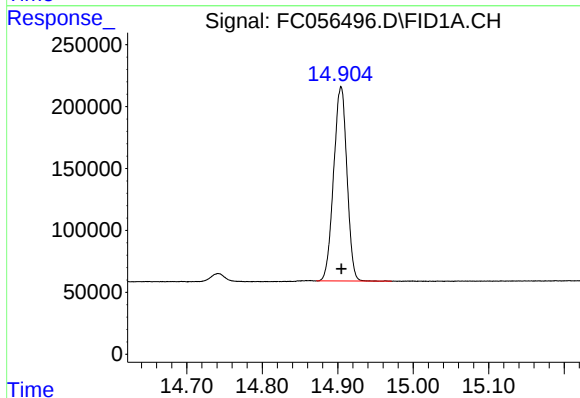
R.T.: 13.053 min
Delta R.T.: -0.003 min
Response: 1702578
Conc: 17.69 ug/ml



#13 n-Docosane (C22)

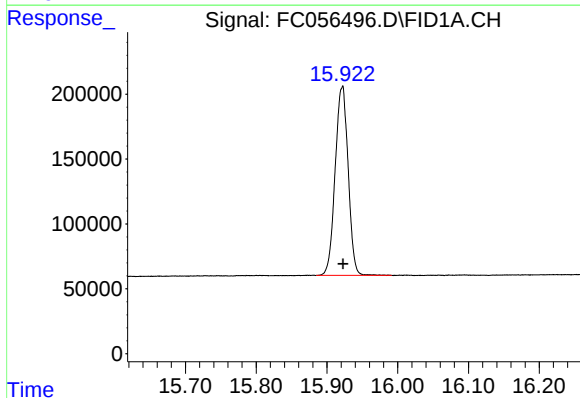
R.T.: 13.804 min
Delta R.T.: -0.001 min
Response: 1999436
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



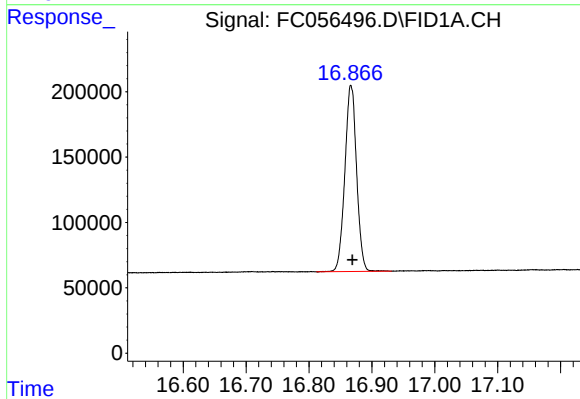
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 1922526
Conc: 17.45 ug/ml



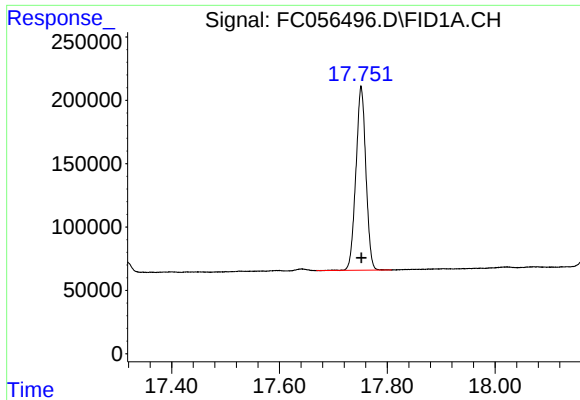
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.001 min
Response: 1857815
Conc: 17.60 ug/ml



#16 n-Octacosane (C28)

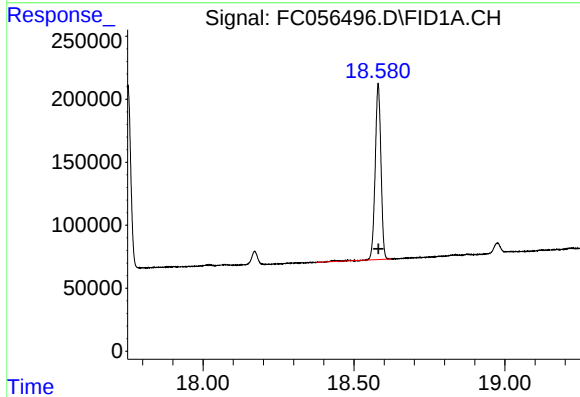
R.T.: 16.867 min
Delta R.T.: -0.002 min
Response: 1844984
Conc: 17.79 ug/ml



#17 n-Tricontane (C30)

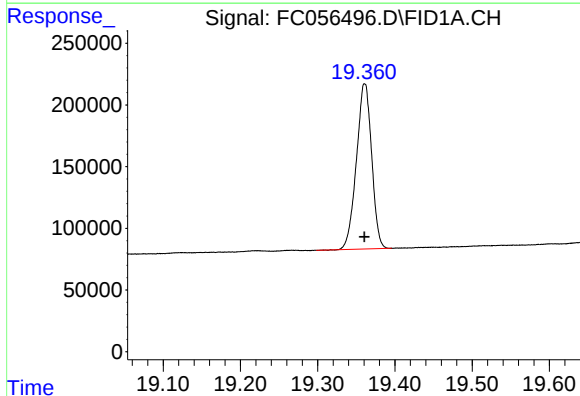
R.T.: 17.752 min
Delta R.T.: 0.000 min
Response: 1864815
Conc: 18.00 ug/ml

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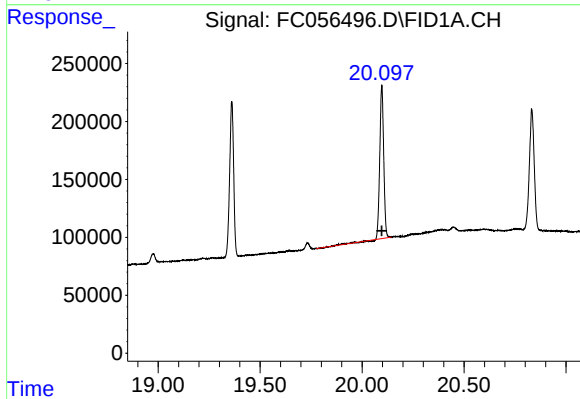
#18 n-Dotriacontane (C32)

R.T.: 18.580 min
Delta R.T.: 0.000 min
Response: 1855287
Conc: 19.36 ug/ml



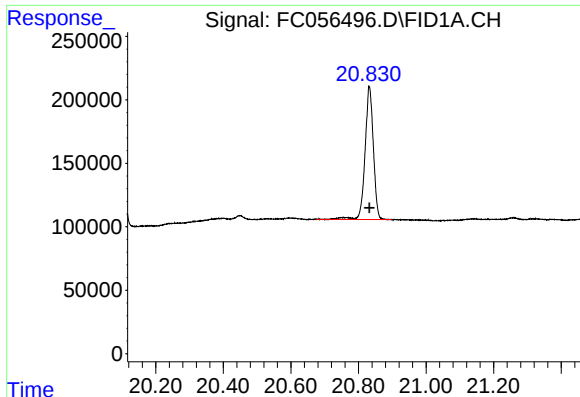
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.000 min
Response: 1836129
Conc: 20.93 ug/ml



#20 n-Hexatriacontane (C36)

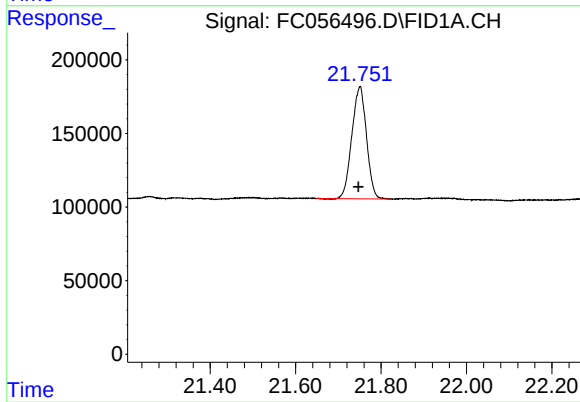
R.T.: 20.096 min
Delta R.T.: 0.000 min
Response: 1764524
Conc: 21.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 1795916
Conc: 22.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.750 min
Delta R.T.: 0.004 min
Response: 1811861
Conc: 21.99 ug/ml