

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121120AL\
 Data File : FC051264.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2020 2:10
 Operator : DD\AJ
 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: Dec 12 03:21:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.578	2343081	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.012	1813407	18.589 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.337	2259719	21.234 ug/ml
2) T n-Decane (C10)	4.404	2278367	21.452 ug/ml
3) T A~Naphthalene (C11.7)	5.996	2399034	21.339 ug/ml
4) T n-Dodecane (C12)	6.422	2319786	21.320 ug/ml
5) T A~2-methylnaphthalene...	7.053	2346633	20.764 ug/ml
6) T n-Tetradecane (C14)	8.217	2292103	21.184 ug/ml
7) T n-Hexadecane (C16)	9.817	2234161	20.819 ug/ml
8) T n-Octadecane (C18)	11.258	2276383	19.958 ug/ml
10) T n-Eicosane (C20)	12.567	2225446	19.157 ug/ml
11) T n-Heneicosane (C21)	13.178	2177485	18.794 ug/ml
13) T n-Docosane (C22)	13.764	2153006	18.589 ug/ml
14) T n-Tetracosane (C24)	14.865	2086749	18.144 ug/ml
15) T n-Hexacosane (C26)	15.884	2043776	18.151 ug/ml
16) T n-Octacosane (C28)	16.833	2058856	18.594 ug/ml
17) T n-Tricontane (C30)	17.719	2083408	19.613 ug/ml
18) T n-Dotriacontane (C32)	18.550	2001179	20.481 ug/ml
19) T n-Tetratriacontane (C34)	19.332	1876761	21.028 ug/ml
20) T n-Hexatriacontane (C36)	20.071	1800485	21.588 ug/ml
21) T n-Octatriacontane (C38)	20.806	1683702	21.620 ug/ml
22) T n-Tetracontane (C40)	21.718	1690879	20.422 ug/ml

(f)=RT Delta > 1/2 Window

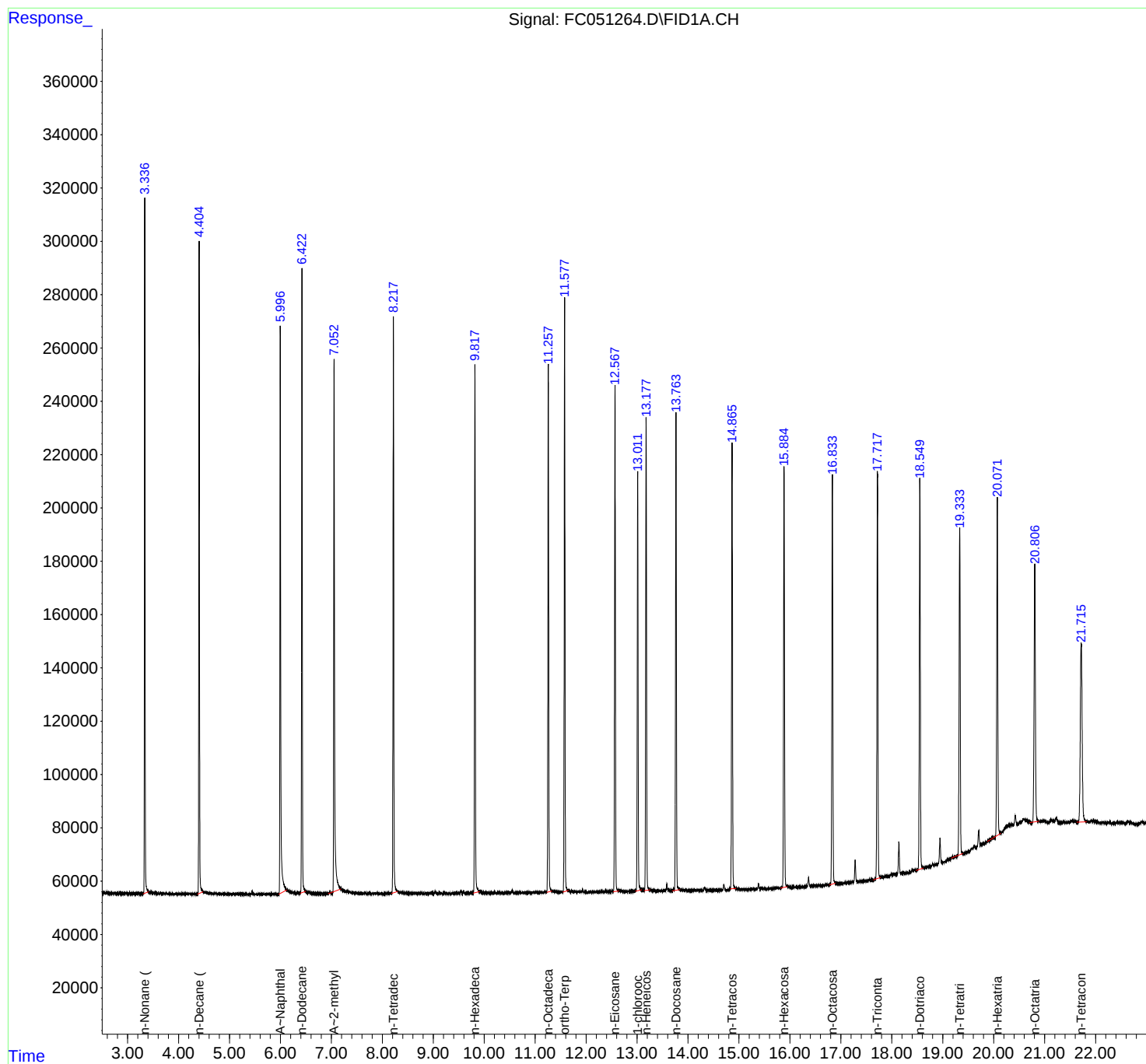
(m)=manual int.

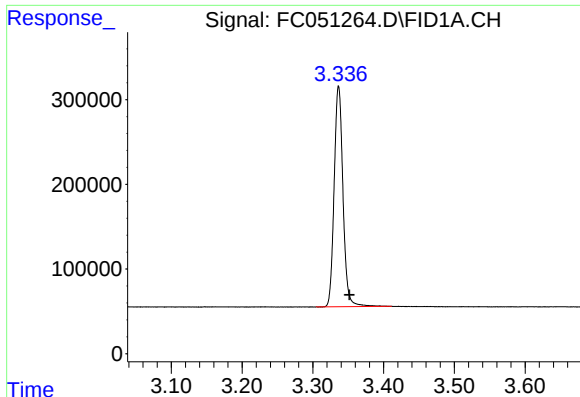
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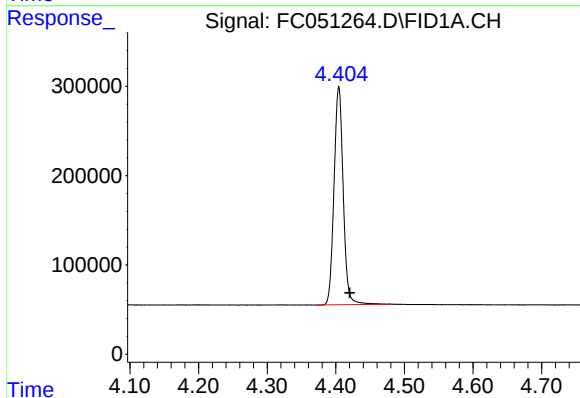




#1 n-Nonane (C9)

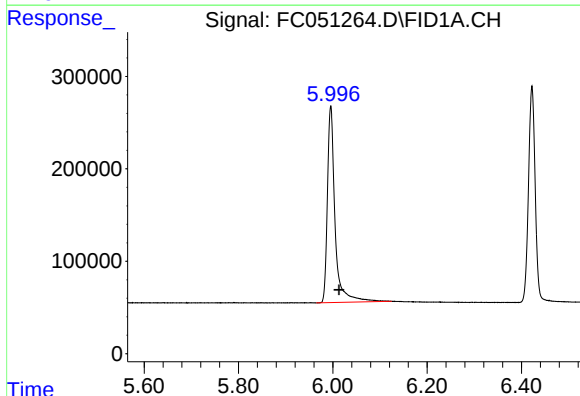
R.T.: 3.337 min
Delta R.T.: -0.015 min
Response: 2259719
Conc: 21.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



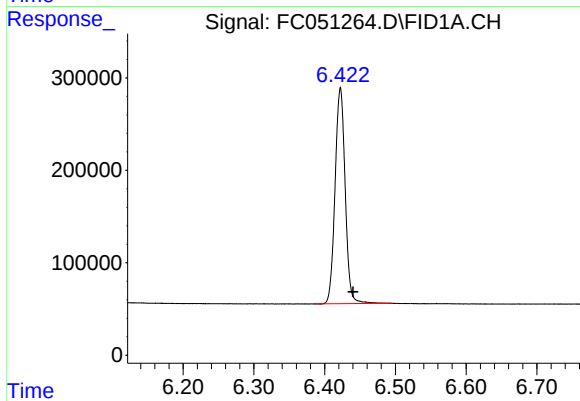
#2 n-Decane (C10)

R.T.: 4.404 min
Delta R.T.: -0.016 min
Response: 2278367
Conc: 21.45 ug/ml



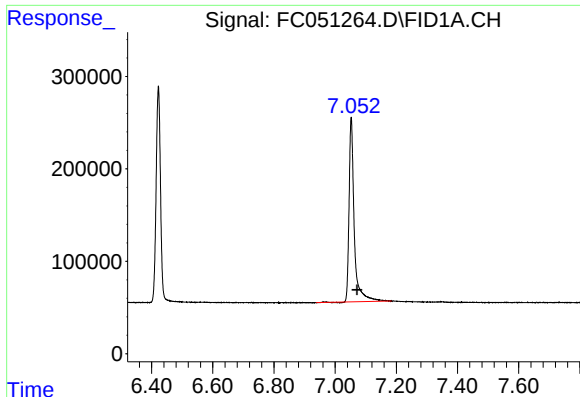
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.018 min
Response: 2399034
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

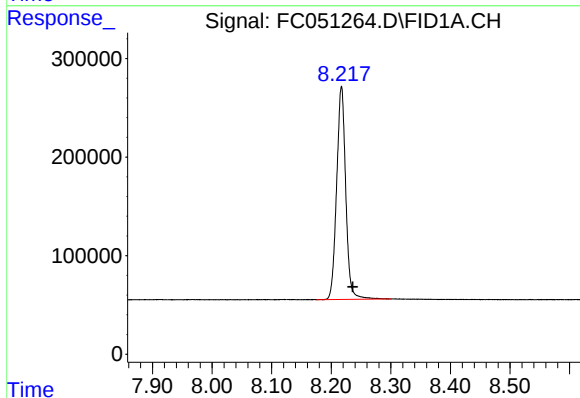
R.T.: 6.422 min
Delta R.T.: -0.018 min
Response: 2319786
Conc: 21.32 ug/ml



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

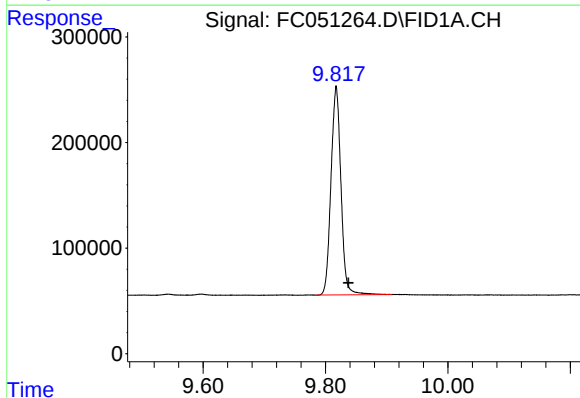
R.T.: 7.053 min
Delta R.T.: -0.019 min
Response: 2346633
Conc: 20.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



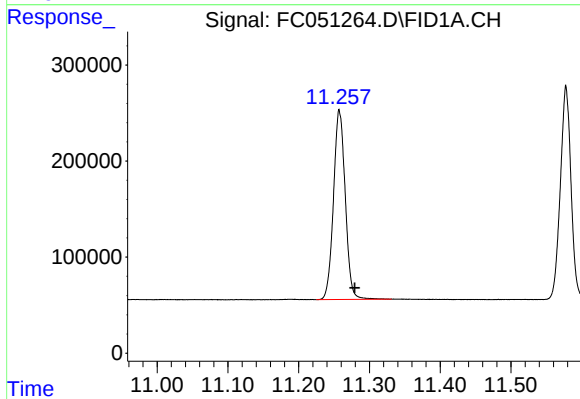
#6 n-Tetradecane (C14)

R.T.: 8.217 min
Delta R.T.: -0.019 min
Response: 2292103
Conc: 21.18 ug/ml



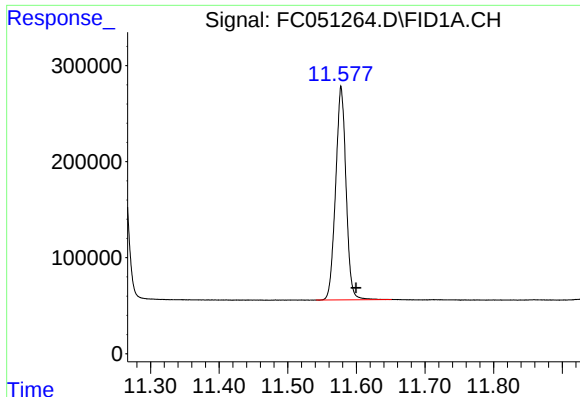
#7 n-Hexadecane (C16)

R.T.: 9.817 min
Delta R.T.: -0.020 min
Response: 2234161
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

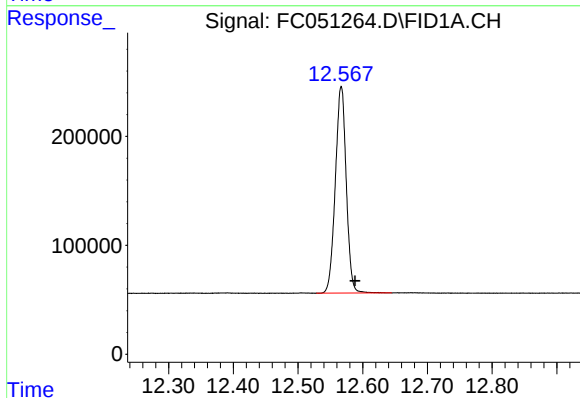
R.T.: 11.258 min
Delta R.T.: -0.021 min
Response: 2276383
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

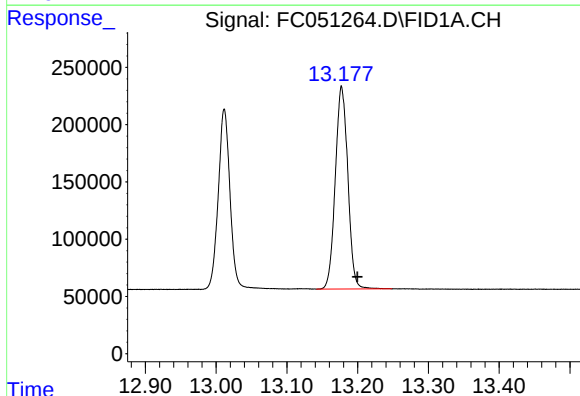
R.T.: 11.578 min
Delta R.T.: -0.022 min
Response: 2343081
Conc: 19.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



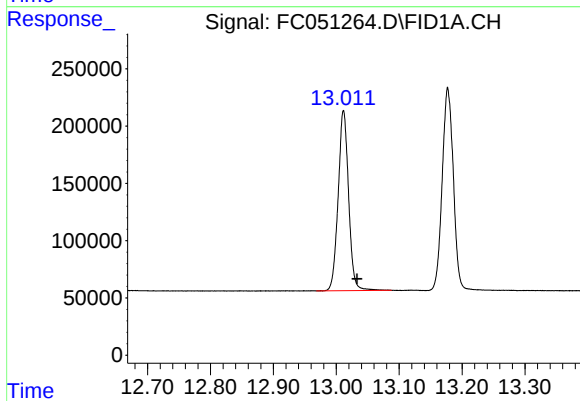
#10 n-Eicosane (C20)

R.T.: 12.567 min
Delta R.T.: -0.021 min
Response: 2225446
Conc: 19.16 ug/ml



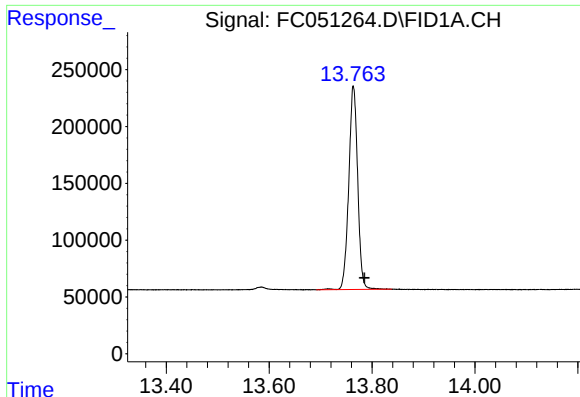
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: -0.022 min
Response: 2177485
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

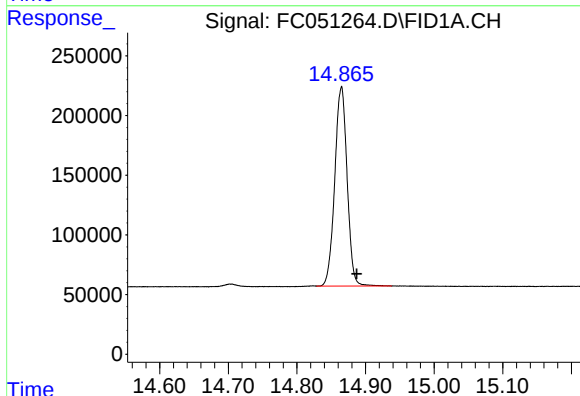
R.T.: 13.012 min
Delta R.T.: -0.022 min
Response: 1813407
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

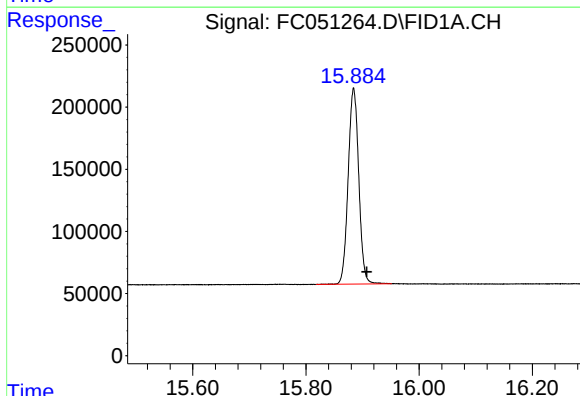
R.T.: 13.764 min
Delta R.T.: -0.021 min
Response: 2153006
Conc: 18.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



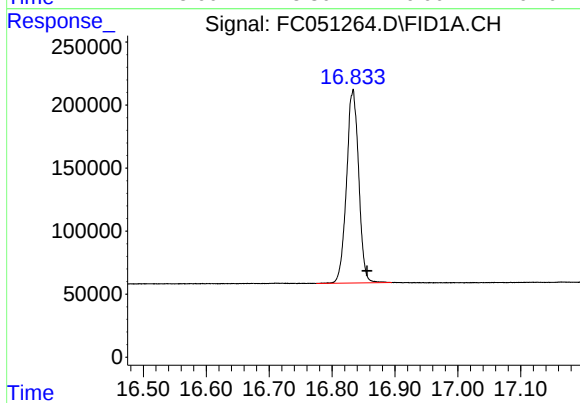
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.023 min
Response: 2086749
Conc: 18.14 ug/ml



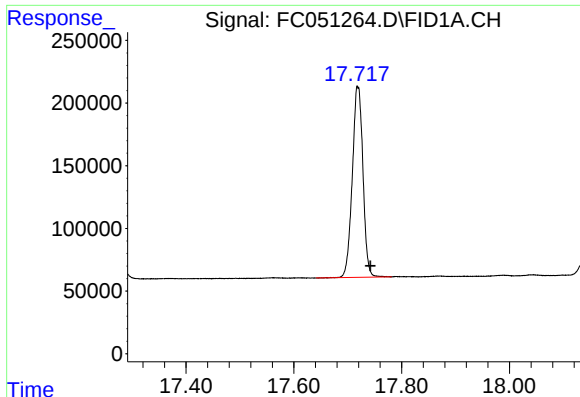
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.023 min
Response: 2043776
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

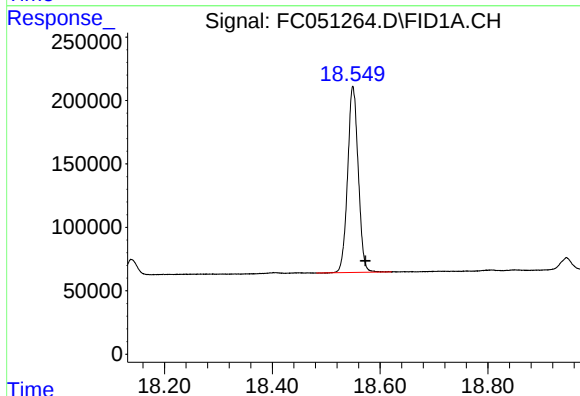
R.T.: 16.833 min
Delta R.T.: -0.023 min
Response: 2058856
Conc: 18.59 ug/ml



#17 n-Tricontane (C30)

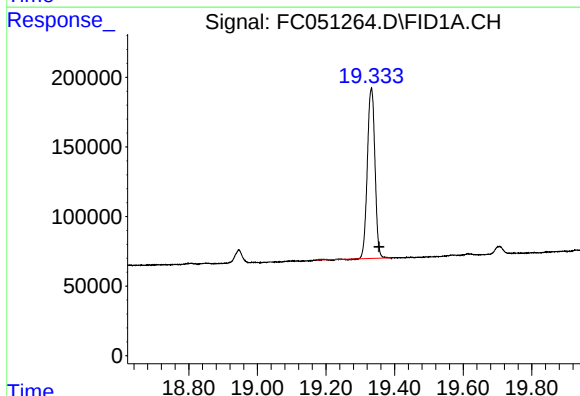
R.T.: 17.719 min
Delta R.T.: -0.023 min
Response: 2083408
Conc: 19.61 ug/ml

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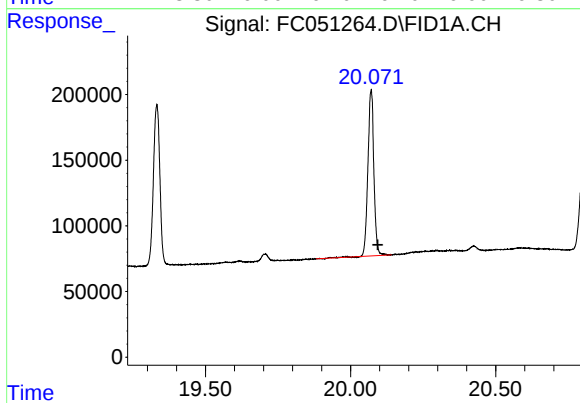
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.023 min
Response: 2001179
Conc: 20.48 ug/ml



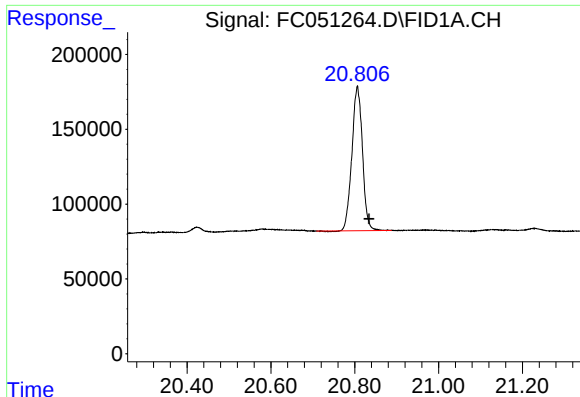
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: -0.022 min
Response: 1876761
Conc: 21.03 ug/ml



#20 n-Hexatriacontane (C36)

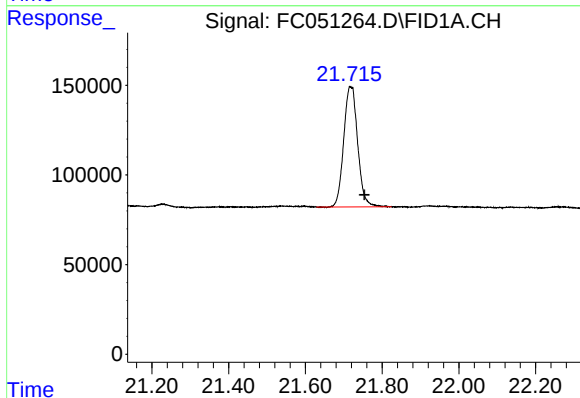
R.T.: 20.071 min
Delta R.T.: -0.023 min
Response: 1800485
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: -0.028 min
Response: 1683702
Conc: 21.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.718 min
Delta R.T.: -0.035 min
Response: 1690879
Conc: 20.42 ug/ml