

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056431.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 14:10
 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 28 02:10:30 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)	11.620	2509544	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	13.051	1924500	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.381	2385903	22.044 ug/ml
2) T n-Decane (C10)	4.447	2410161	22.375 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2722813	22.333 ug/ml
4) T n-Dodecane (C12)	6.465	2446363	22.191 ug/ml
5) T A~2-methylnaphthalene...	7.094	2724020	22.244 ug/ml
6) T n-Tetradecane (C14)	8.260	2448712	21.811 ug/ml
7) T n-Hexadecane (C16)	9.859	2437174	21.437 ug/ml
8) T n-Octadecane (C18)	11.299	2446684	20.937 ug/ml
10) T n-Eicosane (C20)	12.606	2339175	20.354 ug/ml
11) T n-Heneicosane (C21)	13.217	2315496	20.148 ug/ml
13) T n-Docosane (C22)	13.802	2255017	20.029 ug/ml
14) T n-Tetracosane (C24)	14.901	2153387	19.540 ug/ml
15) T n-Hexacosane (C26)	15.919	2041548	19.343 ug/ml
16) T n-Octacosane (C28)	16.865	1966122	18.955 ug/ml
17) T n-Tricontane (C30)	17.748	1913718	18.471 ug/ml
18) T n-Dotriacontane (C32)	18.577	1866445	19.481 ug/ml
19) T n-Tetratriacontane (C34)	19.357	1862595	21.236 ug/ml
20) T n-Hexatriacontane (C36)	20.092	1840803	22.490 ug/ml
21) T n-Octatriacontane (C38)	20.827	1808399	22.612 ug/ml
22) T n-Tetracontane (C40)	21.740	1868840	22.683 ug/ml

(f)=RT Delta > 1/2 Window

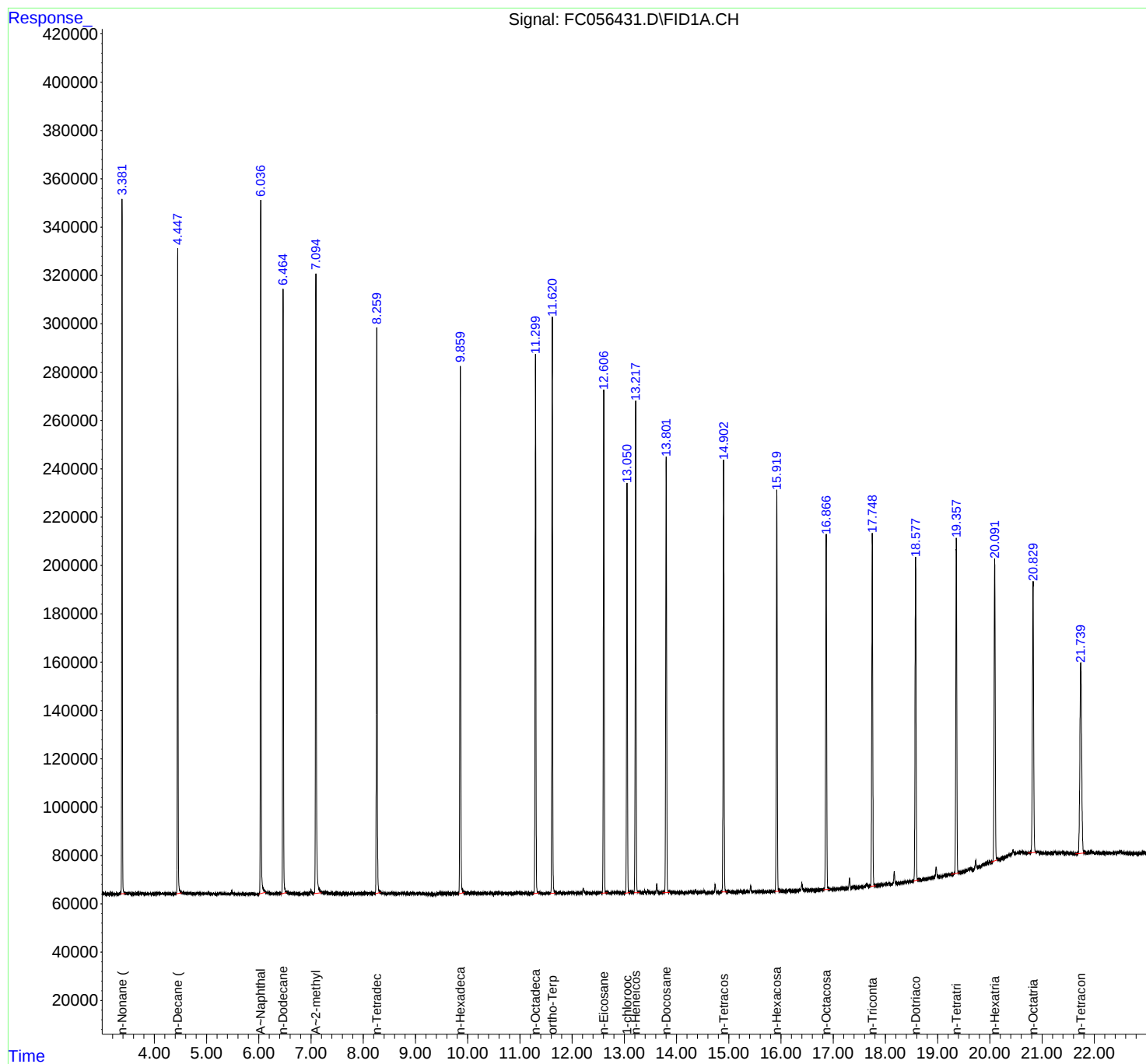
(m)=manual int.

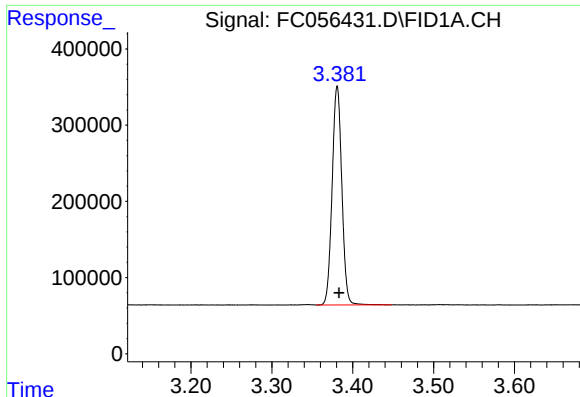
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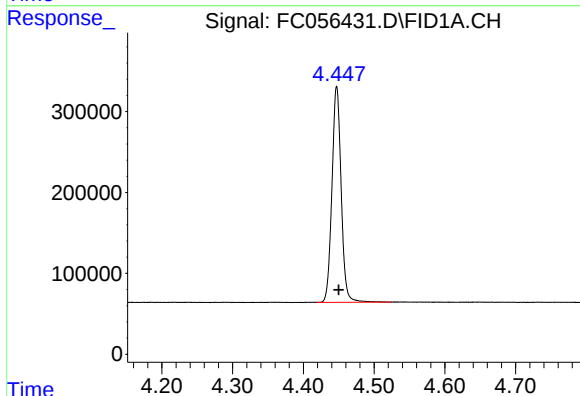




#1 n-Nonane (C9)

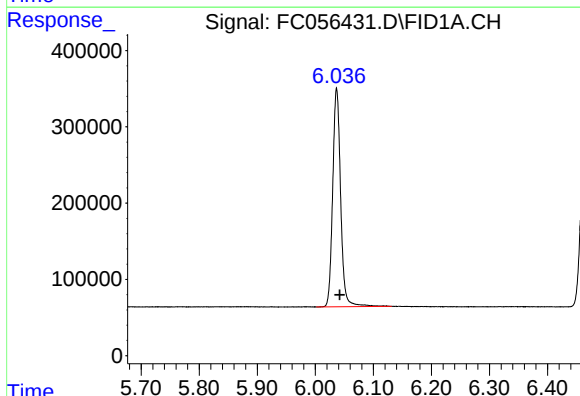
R.T.: 3.381 min
Delta R.T.: -0.002 min
Response: 2385903
Conc: 22.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



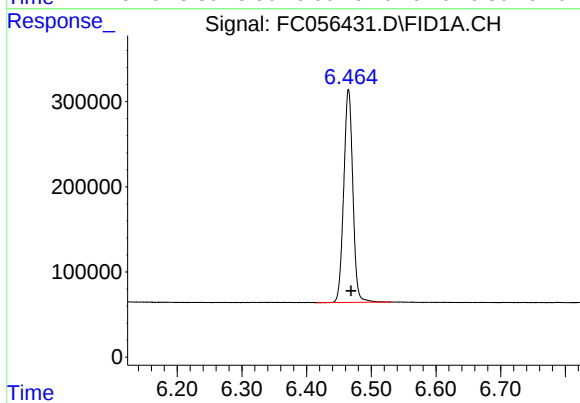
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.003 min
Response: 2410161
Conc: 22.37 ug/ml



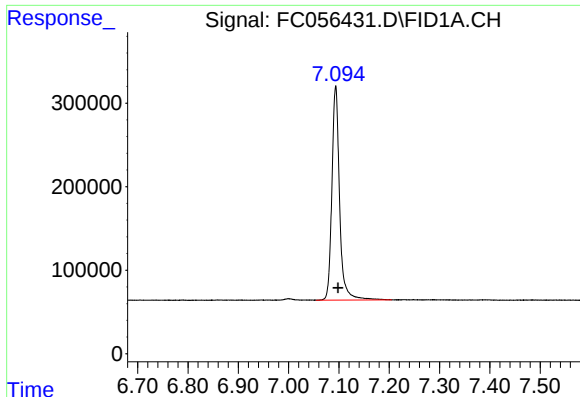
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 2722813
Conc: 22.33 ug/ml



#4 n-Dodecane (C12)

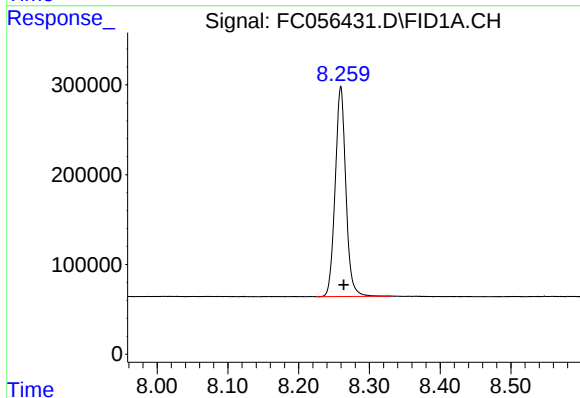
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 2446363
Conc: 22.19 ug/ml



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

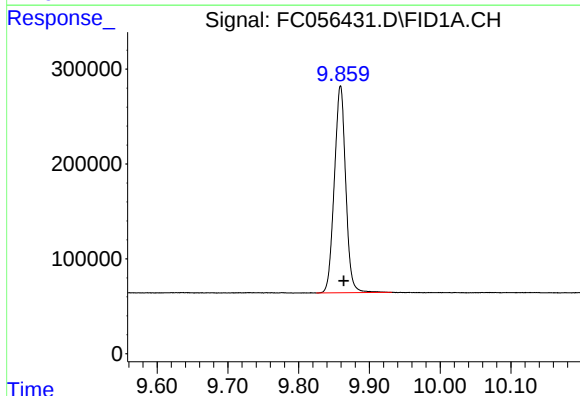
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 2724020
Conc: 22.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



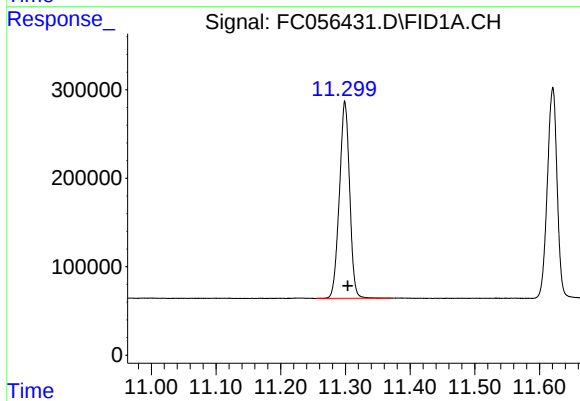
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.004 min
Response: 2448712
Conc: 21.81 ug/ml



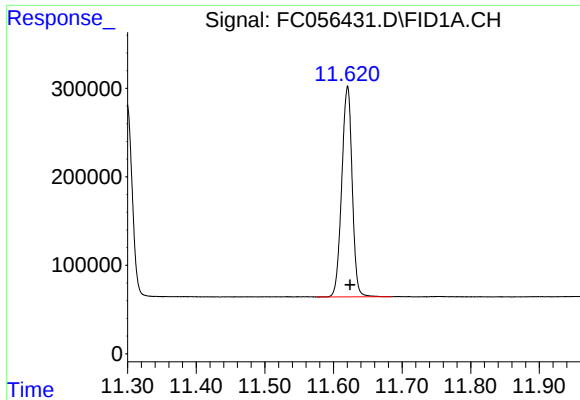
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.005 min
Response: 2437174
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

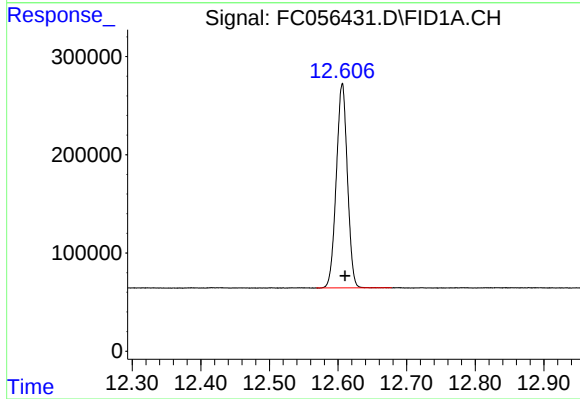
R.T.: 11.299 min
Delta R.T.: -0.004 min
Response: 2446684
Conc: 20.94 ug/ml



#9 ortho-Terphenyl (SURR)

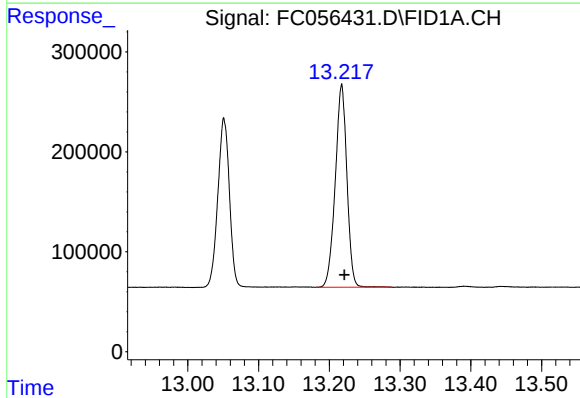
R.T.: 11.620 min
Delta R.T.: -0.004 min
Response: 2509544
Conc: 20.27 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



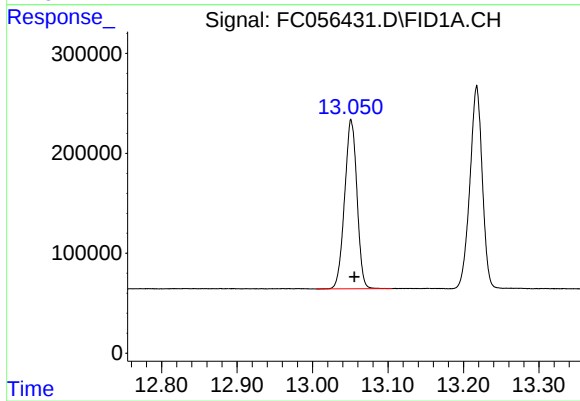
#10 n-Eicosane (C20)

R.T.: 12.606 min
Delta R.T.: -0.004 min
Response: 2339175
Conc: 20.35 ug/ml



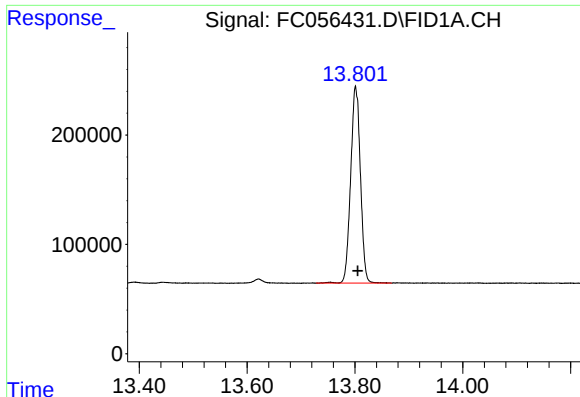
#11 n-Heneicosane (C21)

R.T.: 13.217 min
Delta R.T.: -0.004 min
Response: 2315496
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

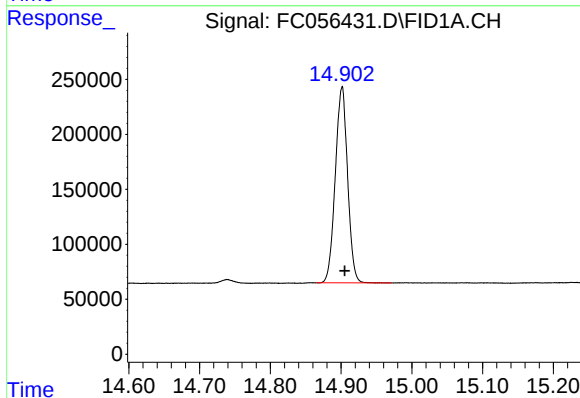
R.T.: 13.051 min
Delta R.T.: -0.004 min
Response: 1924500
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

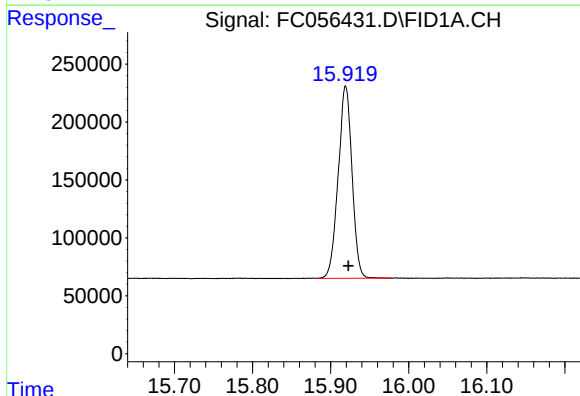
R.T.: 13.802 min
Delta R.T.: -0.004 min
Response: 2255017
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



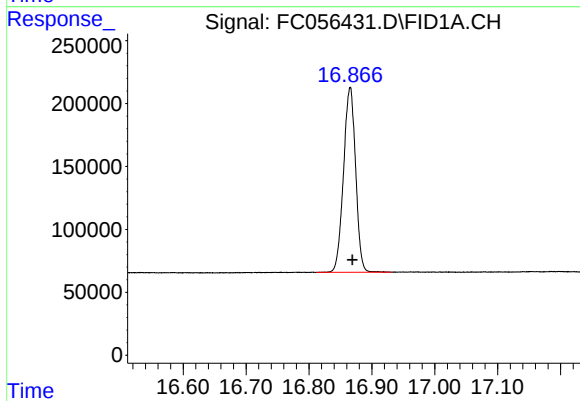
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.004 min
Response: 2153387
Conc: 19.54 ug/ml



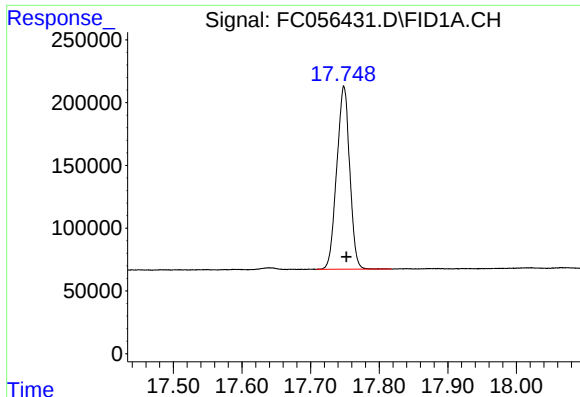
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.004 min
Response: 2041548
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

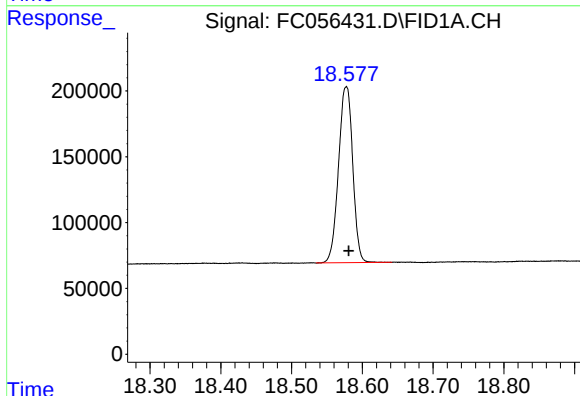
R.T.: 16.865 min
Delta R.T.: -0.004 min
Response: 1966122
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

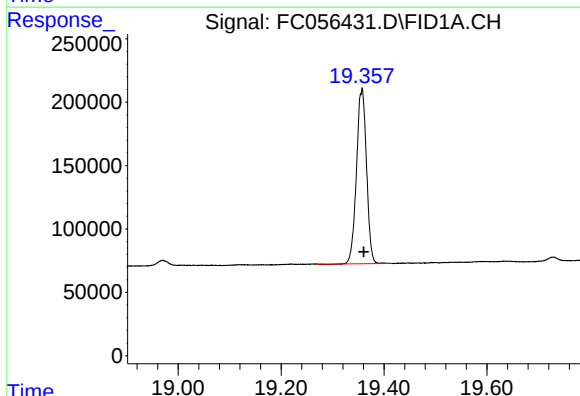
R.T.: 17.748 min
Delta R.T.: -0.004 min
Response: 1913718
Conc: 18.47 ug/ml

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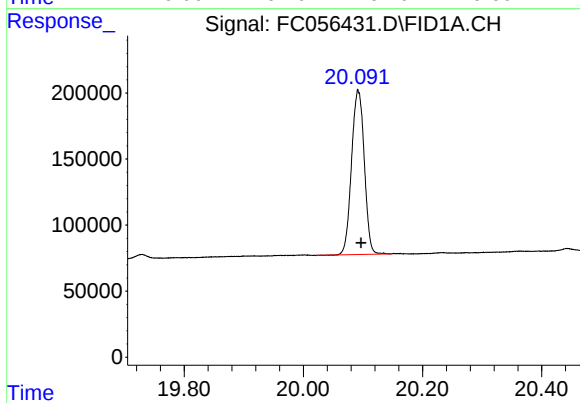
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.004 min
Response: 1866445
Conc: 19.48 ug/ml



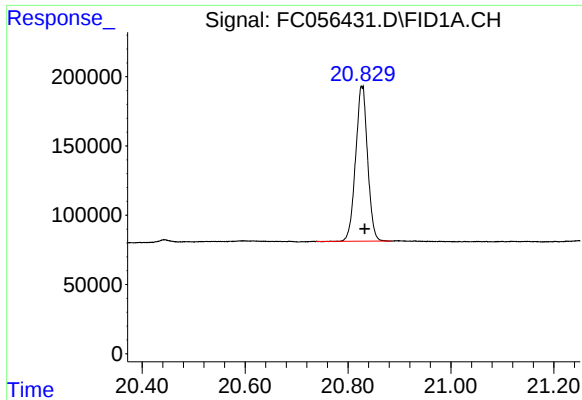
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.004 min
Response: 1862595
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

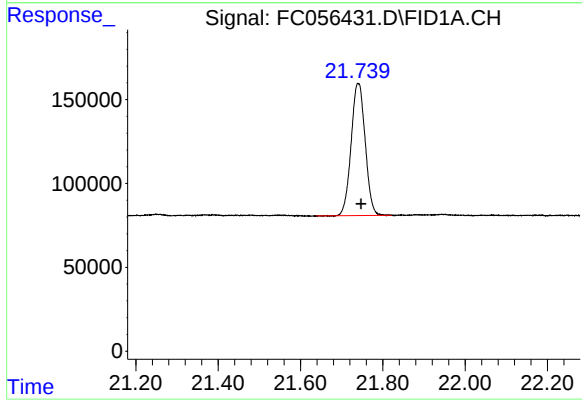
R.T.: 20.092 min
Delta R.T.: -0.005 min
Response: 1840803
Conc: 22.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.005 min
Response: 1808399
Conc: 22.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.006 min
Response: 1868840
Conc: 22.68 ug/ml