

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062520AL\
 Data File : FC048066.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2020 14:39
 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: Jun 26 02:04:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.721	2325669	19.388 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.133	1880521	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
Target Compounds			
1) T n-Nonane (C9)	3.535	2067477	20.660 ug/ml
2) T n-Decane (C10)	4.598	2113656	21.036 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2063138	20.448 ug/ml
4) T n-Dodecane (C12)	6.597	2205880	21.072 ug/ml
5) T A~2-methylnaphthalene...	7.245	2048901	19.795 ug/ml
6) T n-Tetradecane (C14)	8.373	2210209	21.059 ug/ml
7) T n-Hexadecane (C16)	9.958	2187002	20.932 ug/ml
8) T n-Octadecane (C18)	11.389	2263003	20.358 ug/ml
10) T n-Eicosane (C20)	12.687	2242729	19.707 ug/ml
11) T n-Heneicosane (C21)	13.295	2213433	19.343 ug/ml
13) T n-Docosane (C22)	13.876	2169975	18.917 ug/ml
14) T n-Tetracosane (C24)	14.972	2087837	18.169 ug/ml
15) T n-Hexacosane (C26)	15.985	1994891	17.465 ug/ml
16) T n-Octacosane (C28)	16.929	1955051	17.201 ug/ml
17) T n-Tricontane (C30)	17.812	1918760	17.507 ug/ml
18) T n-Dotriacontane (C32)	18.637	1781228	17.968 ug/ml
19) T n-Tetratriacontane (C34)	19.415	1683843	18.386 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1623550	18.932 ug/ml
21) T n-Octatriacontane (C38)	20.901	1547260	19.429 ug/ml
22) T n-Tetracontane (C40)	21.837	1590171	20.112 ug/ml

(f)=RT Delta > 1/2 Window

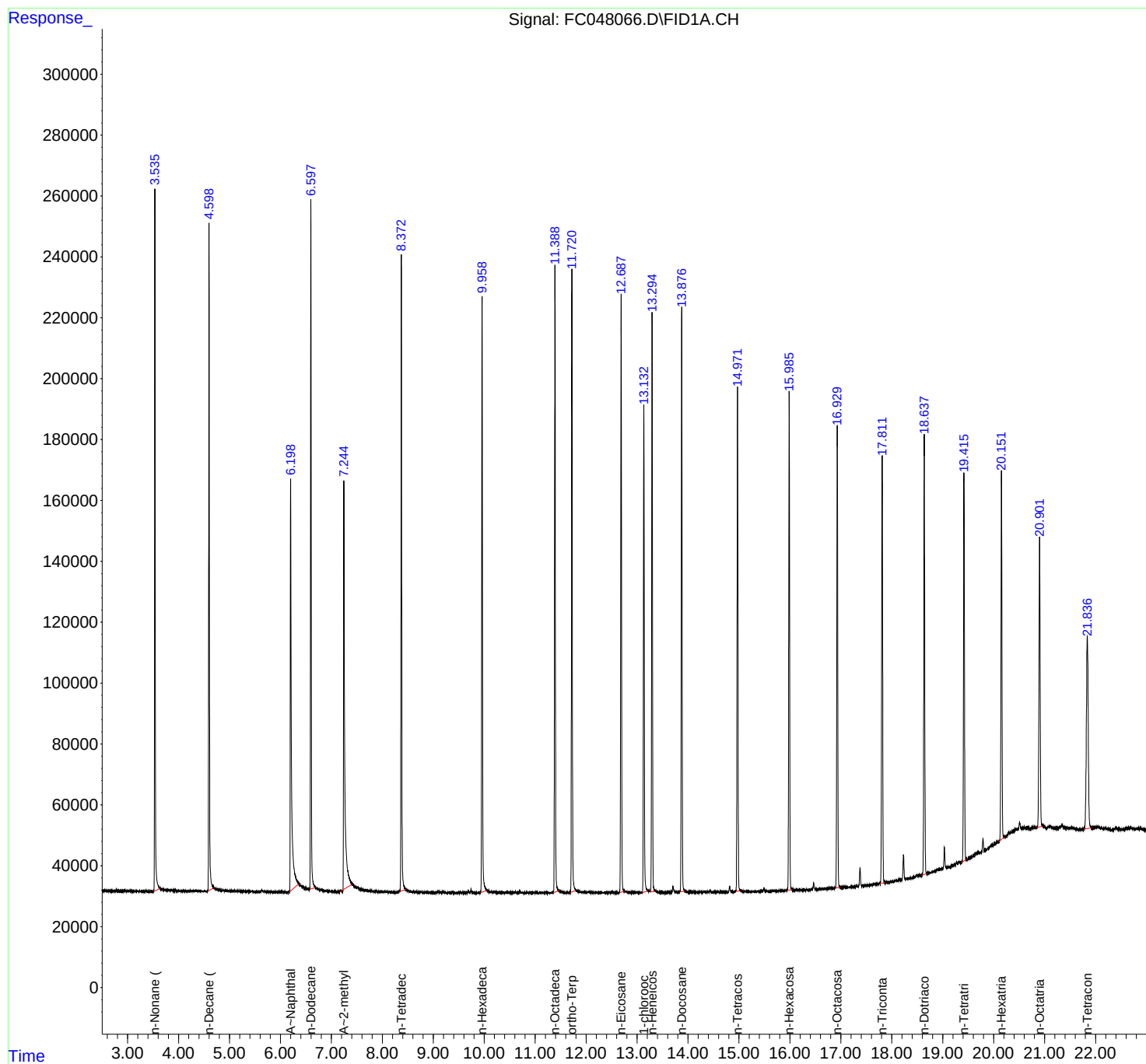
(m)=manual int.

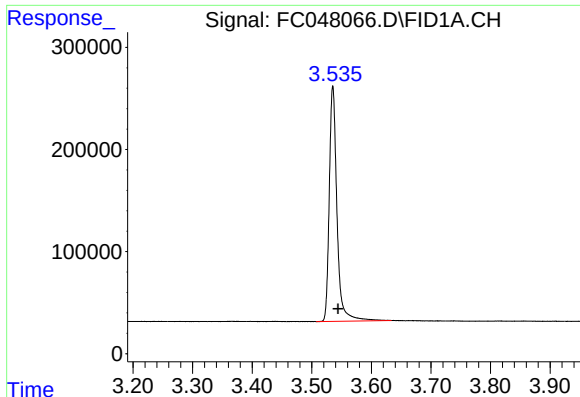
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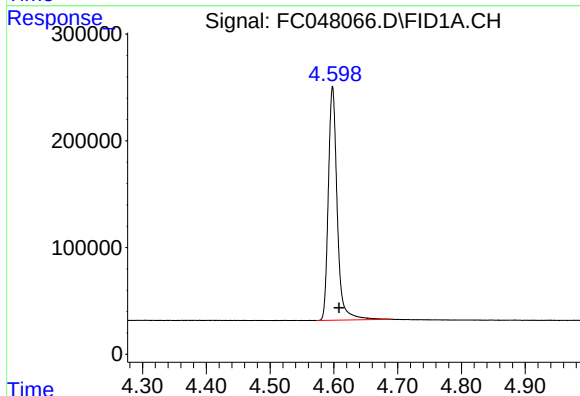




#1 n-Nonane (C9)

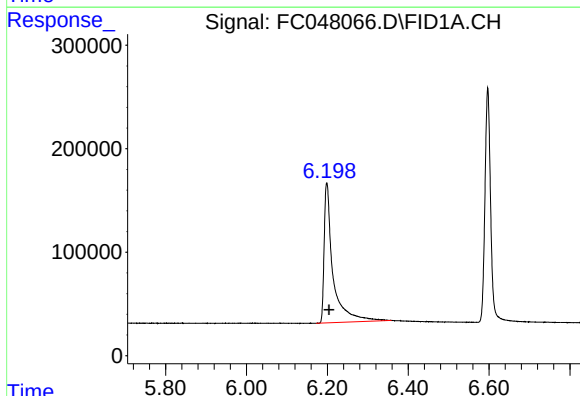
R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2067477
Conc: 20.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



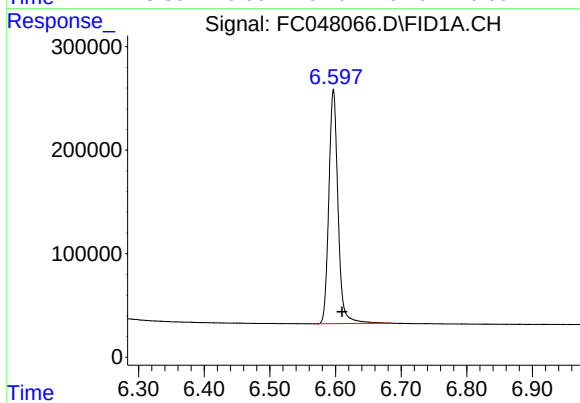
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.010 min
Response: 2113656
Conc: 21.04 ug/ml



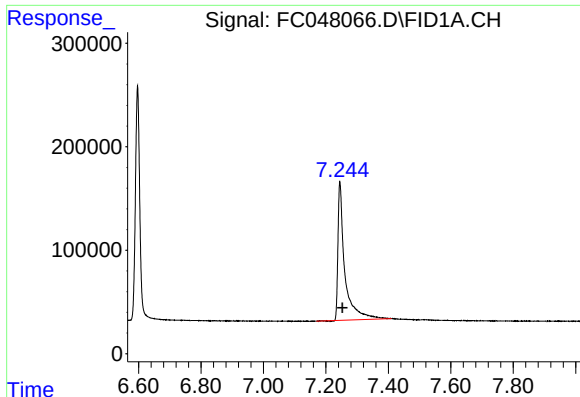
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 2063138
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

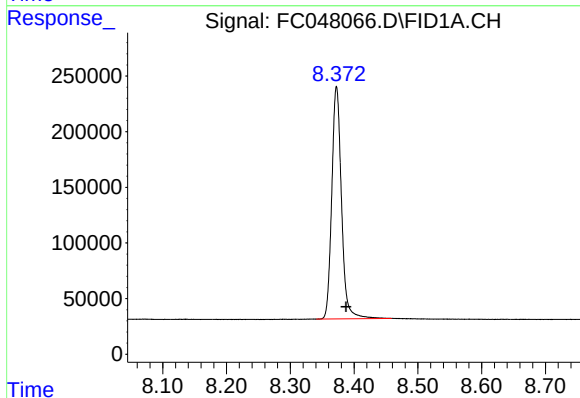
R.T.: 6.597 min
Delta R.T.: -0.013 min
Response: 2205880
Conc: 21.07 ug/ml



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

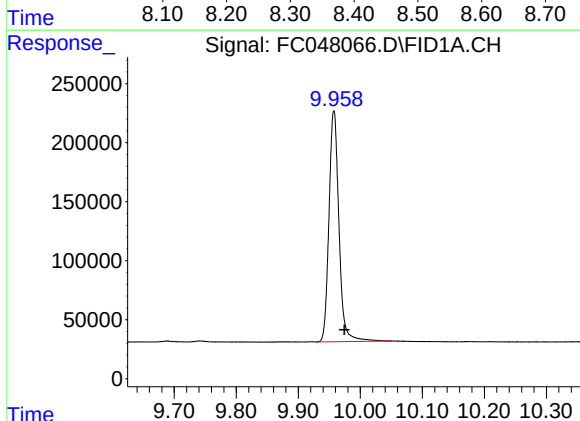
R.T.: 7.245 min
Delta R.T.: -0.008 min
Response: 2048901
Conc: 19.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



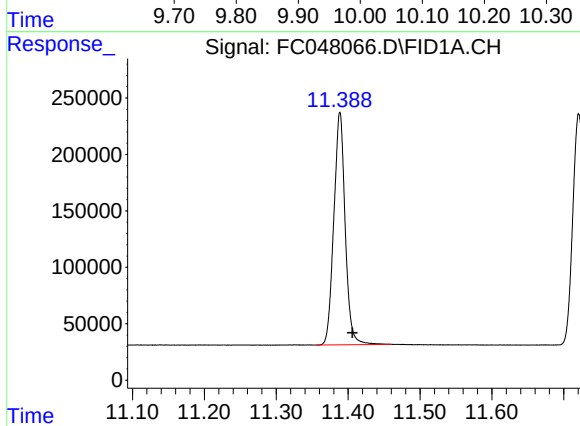
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: -0.015 min
Response: 2210209
Conc: 21.06 ug/ml



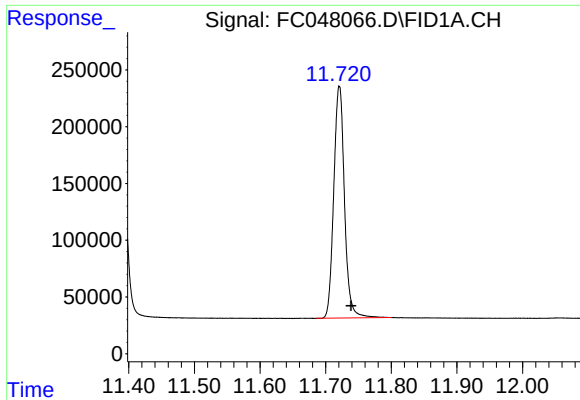
#7 n-Hexadecane (C16)

R.T.: 9.958 min
Delta R.T.: -0.017 min
Response: 2187002
Conc: 20.93 ug/ml



#8 n-Octadecane (C18)

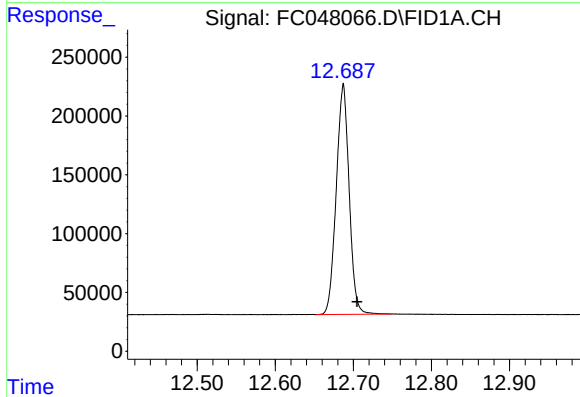
R.T.: 11.389 min
Delta R.T.: -0.017 min
Response: 2263003
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

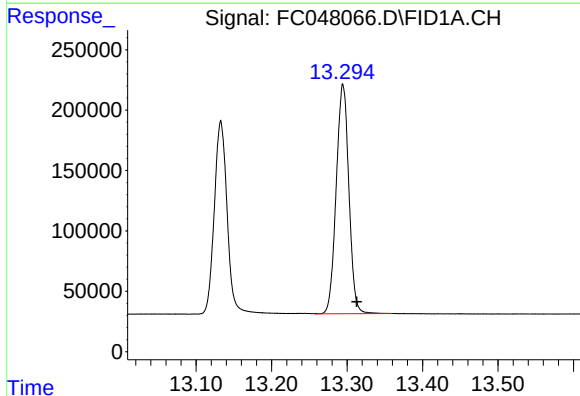
R.T.: 11.721 min
Delta R.T.: -0.018 min
Response: 2325669
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



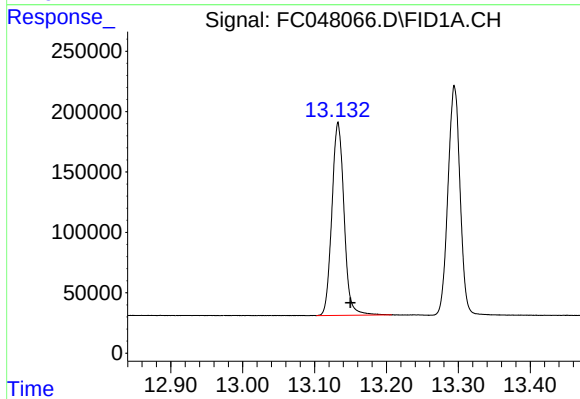
#10 n-Eicosane (C20)

R.T.: 12.687 min
Delta R.T.: -0.018 min
Response: 2242729
Conc: 19.71 ug/ml



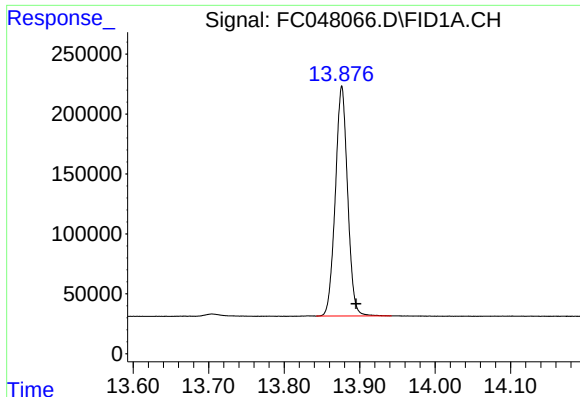
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: -0.018 min
Response: 2213433
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

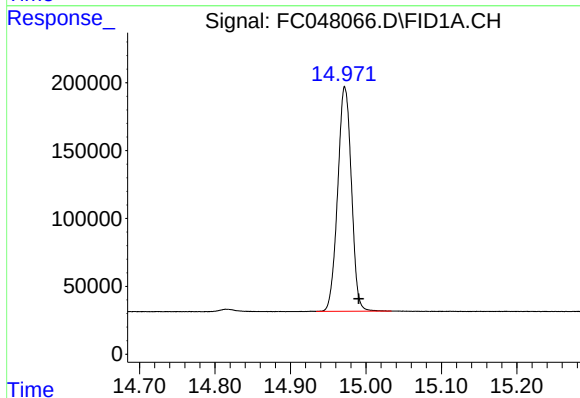
R.T.: 13.133 min
Delta R.T.: -0.017 min
Response: 1880521
Conc: 19.20 ug/ml



#13 n-Docosane (C22)

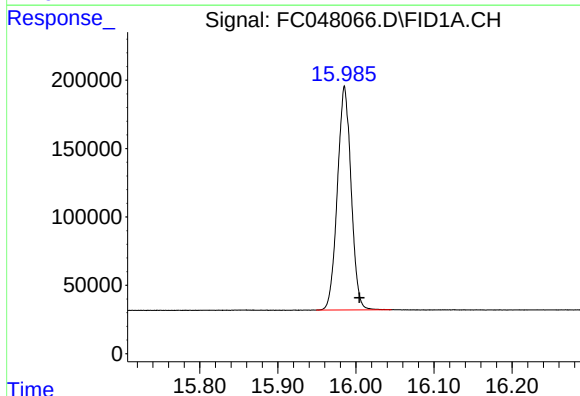
R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2169975
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



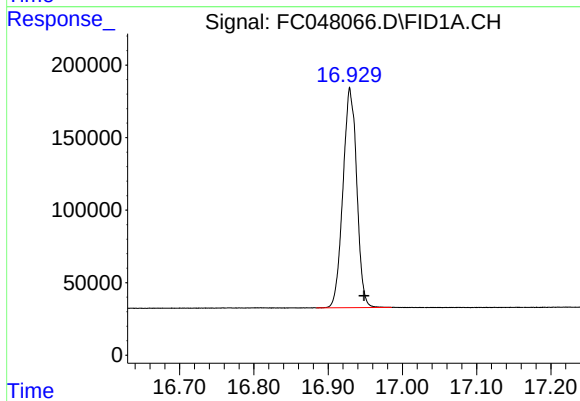
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.018 min
Response: 2087837
Conc: 18.17 ug/ml



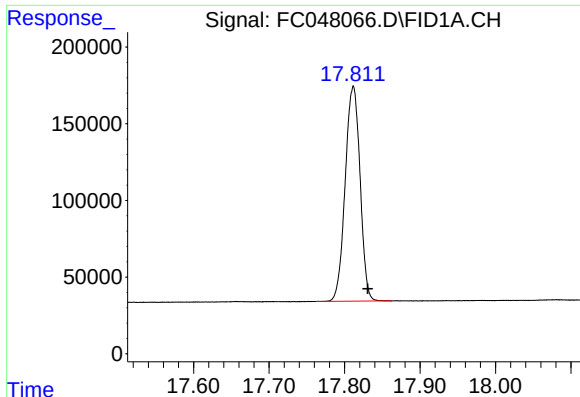
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.019 min
Response: 1994891
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

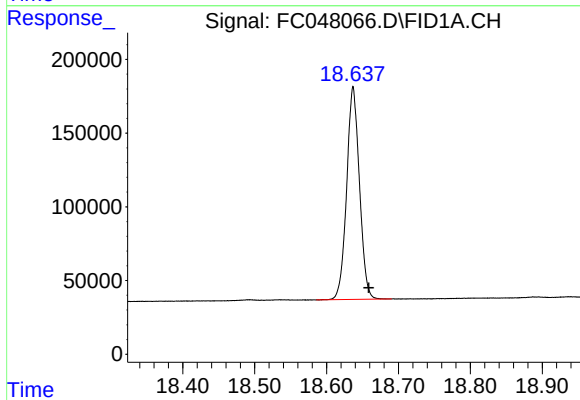
R.T.: 16.929 min
Delta R.T.: -0.019 min
Response: 1955051
Conc: 17.20 ug/ml



#17 n-Tricontane (C30)

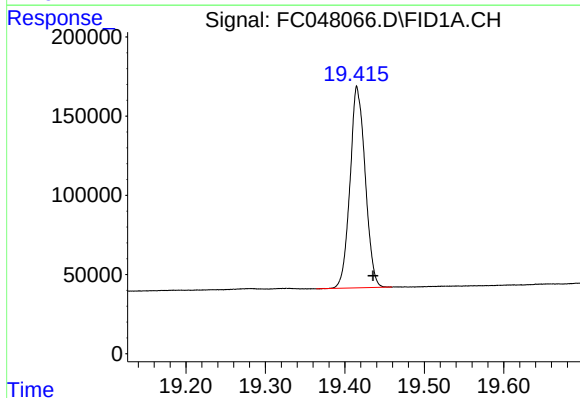
R.T.: 17.812 min
Delta R.T.: -0.019 min
Response: 1918760
Conc: 17.51 ug/ml

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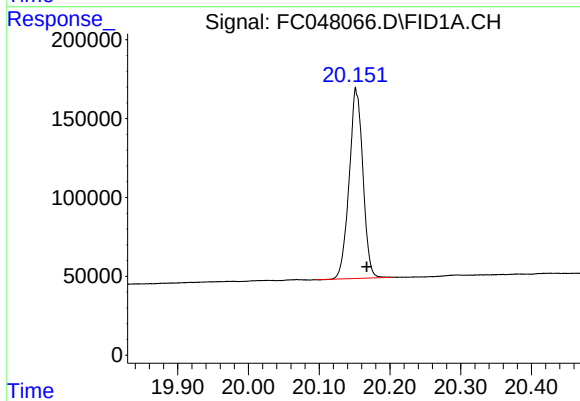
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.022 min
Response: 1781228
Conc: 17.97 ug/ml



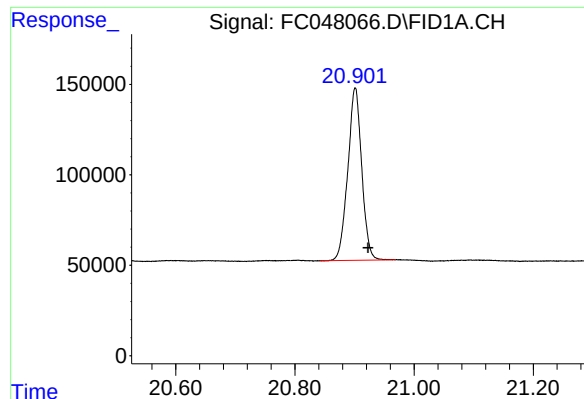
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: -0.020 min
Response: 1683843
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

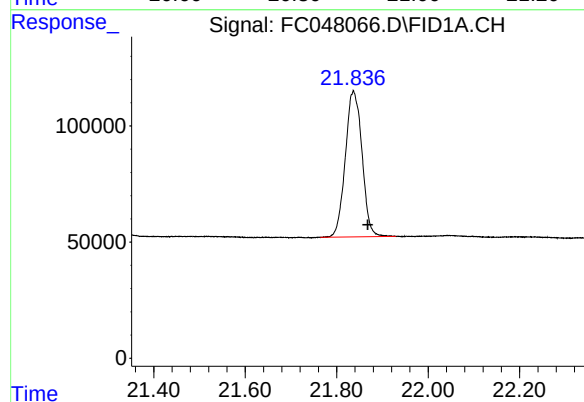
R.T.: 20.152 min
Delta R.T.: -0.015 min
Response: 1623550
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: -0.022 min
Response: 1547260
Conc: 19.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.837 min
Delta R.T.: -0.031 min
Response: 1590171
Conc: 20.11 ug/ml