

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111721AL\
 Data File : FC056892.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 1:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 04:12:32 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)	11.604	2173266	17.552 ug/ml
Spiked Amount 50.000		Recovery =	35.10%
12) S 1-chlorooctadecane (S...	13.034	1677760	17.436 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.366	2183559	20.174 ug/ml
2) T n-Decane (C10)	4.432	2184269	20.278 ug/ml
3) T A~Naphthalene (C11.7)	6.021	2407250	19.744 ug/ml
4) T n-Dodecane (C12)	6.449	2216233	20.104 ug/ml
5) T A~2-methylnaphthalene...	7.078	2397853	19.581 ug/ml
6) T n-Tetradecane (C14)	8.243	2198430	19.582 ug/ml
7) T n-Hexadecane (C16)	9.842	2164911	19.042 ug/ml
8) T n-Octadecane (C18)	11.284	2161381	18.496 ug/ml
10) T n-Eicosane (C20)	12.590	2047504	17.816 ug/ml
11) T n-Heneicosane (C21)	13.200	2016914	17.550 ug/ml
13) T n-Docosane (C22)	13.785	1957743	17.389 ug/ml
14) T n-Tetracosane (C24)	14.886	1889946	17.150 ug/ml
15) T n-Hexacosane (C26)	15.904	1827336	17.313 ug/ml
16) T n-Octacosane (C28)	16.850	1819725	17.543 ug/ml
17) T n-Tricontane (C30)	17.734	1823525	17.600 ug/ml
18) T n-Dotriacontane (C32)	18.563	1828756	19.088 ug/ml
19) T n-Tetratriacontane (C34)	19.343	1834067	20.911 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1842572	22.511 ug/ml
21) T n-Octatriacontane (C38)	20.812	1768438	22.112 ug/ml
22) T n-Tetracontane (C40)	21.722	1790521	21.732 ug/ml

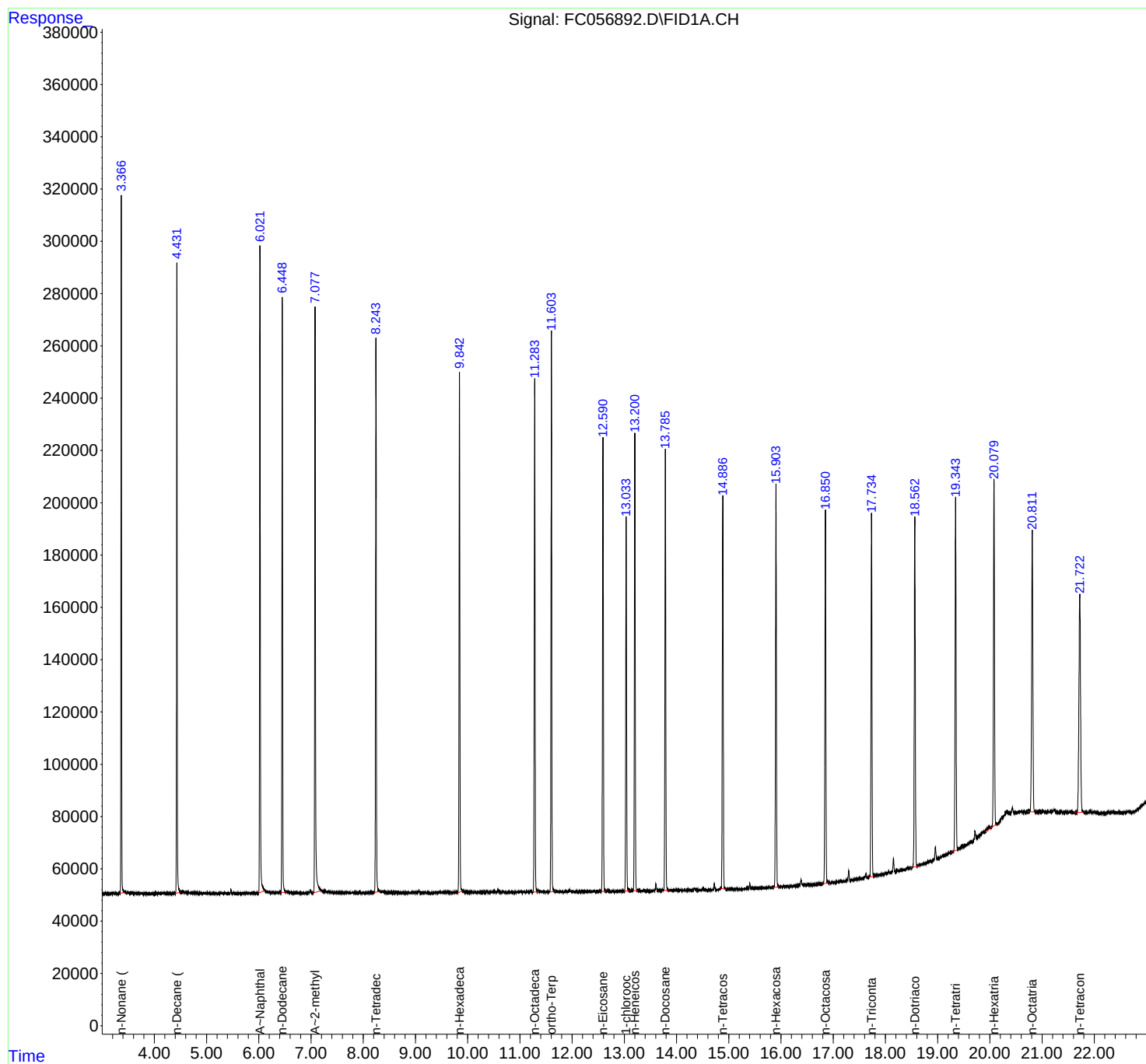
(f)=RT Delta > 1/2 Window

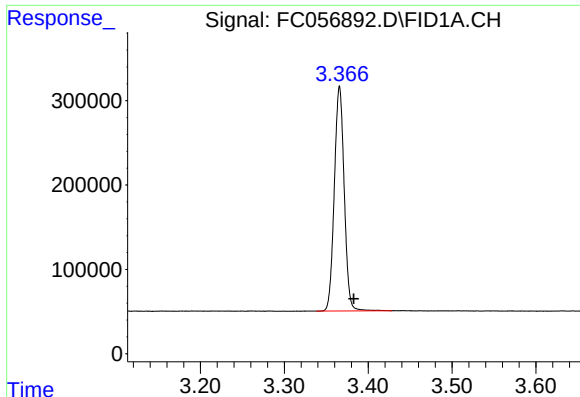
(m)=manual int.

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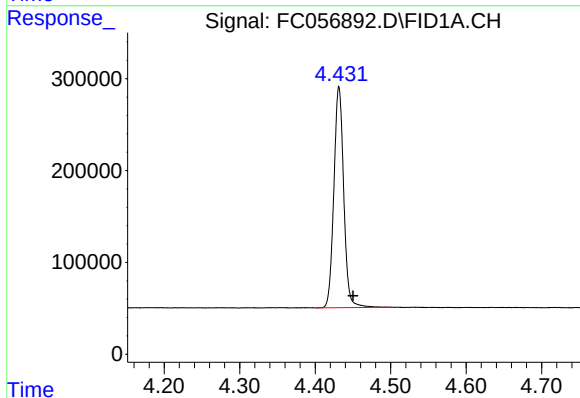
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Signal Info : 20M x 0.18mm x 0.18um





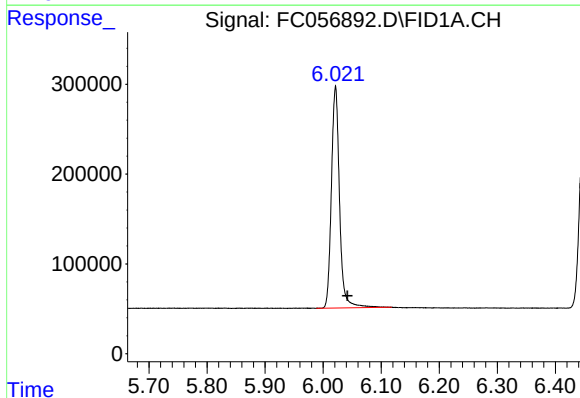
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.017 min
Response: 2183559
Conc: 20.17 ug/ml



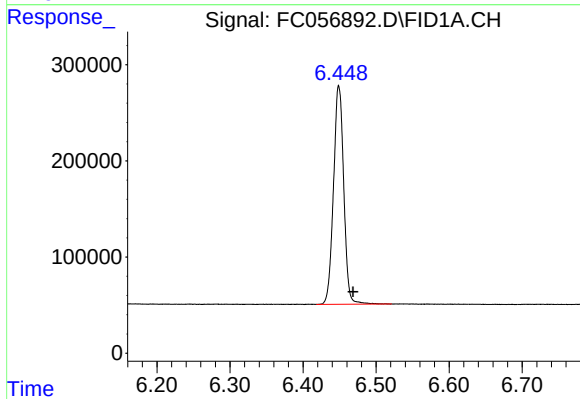
#2 n-Decane (C10)

R.T.: 4.432 min
Delta R.T.: -0.019 min
Response: 2184269
Conc: 20.28 ug/ml



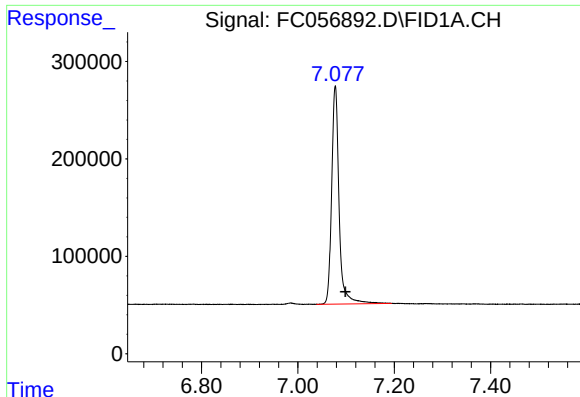
#3 A~Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.021 min
Response: 2407250
Conc: 19.74 ug/ml



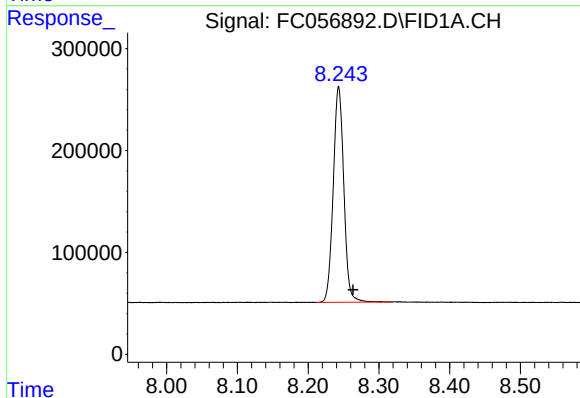
#4 n-Dodecane (C12)

R.T.: 6.449 min
Delta R.T.: -0.020 min
Response: 2216233
Conc: 20.10 ug/ml



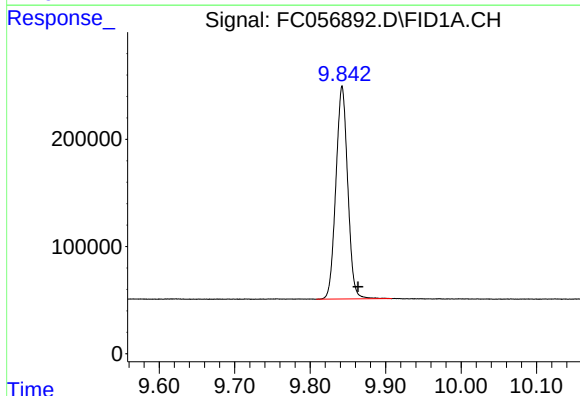
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.021 min
Response: 2397853
Conc: 19.58 ug/ml



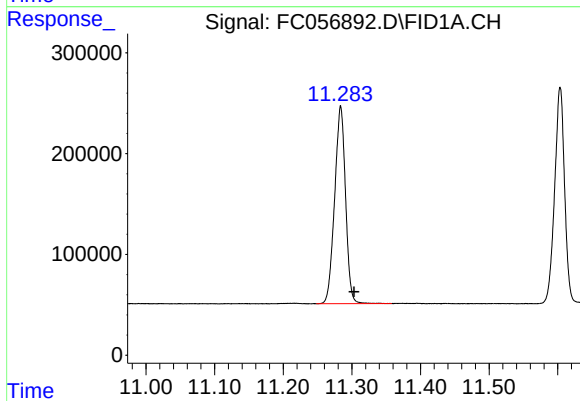
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.021 min
Response: 2198430
Conc: 19.58 ug/ml



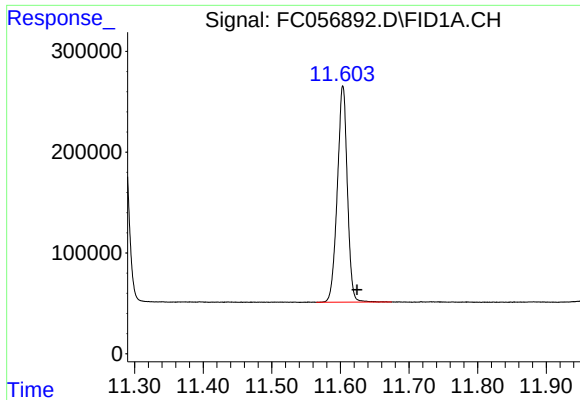
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.021 min
Response: 2164911
Conc: 19.04 ug/ml



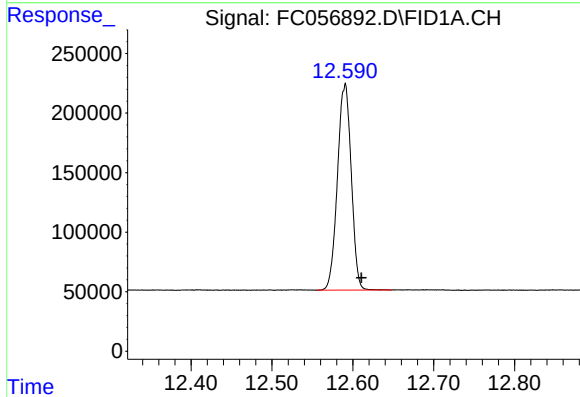
#8 n-Octadecane (C18)

R.T.: 11.284 min
Delta R.T.: -0.020 min
Response: 2161381
Conc: 18.50 ug/ml



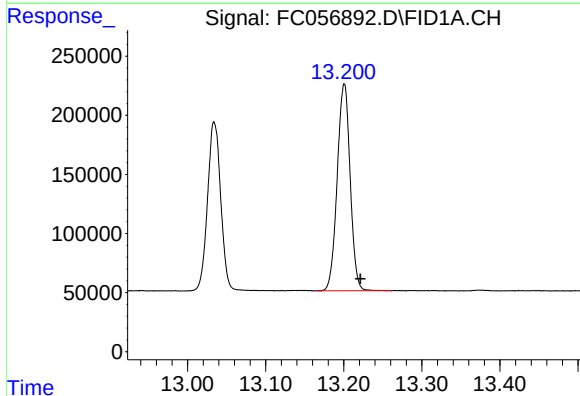
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: -0.021 min
Response: 2173266
Conc: 17.55 ug/ml



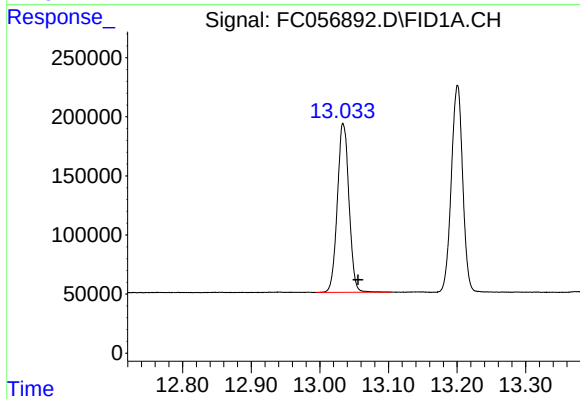
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: -0.020 min
Response: 2047504
Conc: 17.82 ug/ml



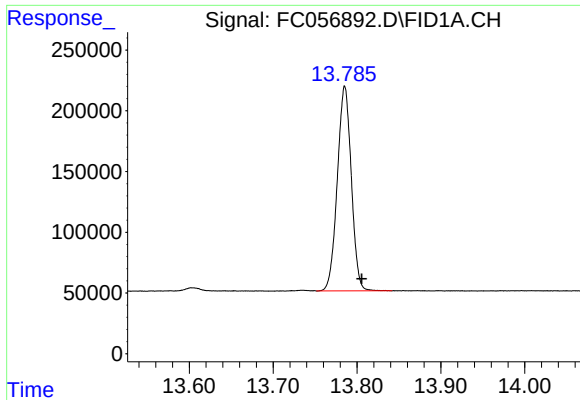
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: -0.021 min
Response: 2016914
Conc: 17.55 ug/ml



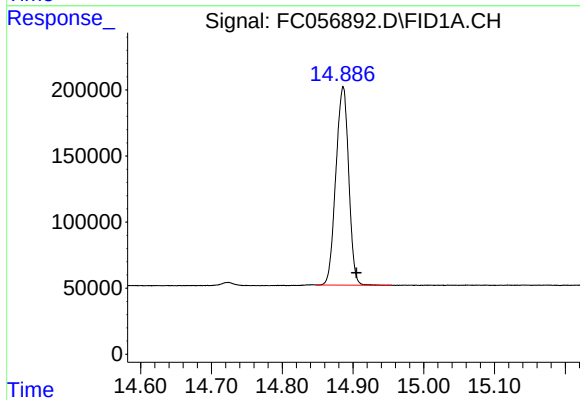
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: -0.021 min
Response: 1677760
Conc: 17.44 ug/ml



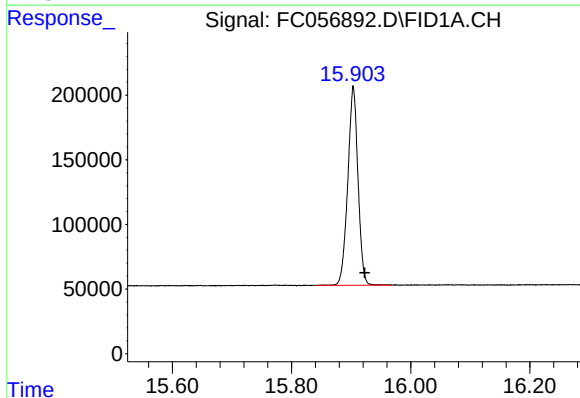
#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: -0.020 min
Response: 1957743
Conc: 17.39 ug/ml



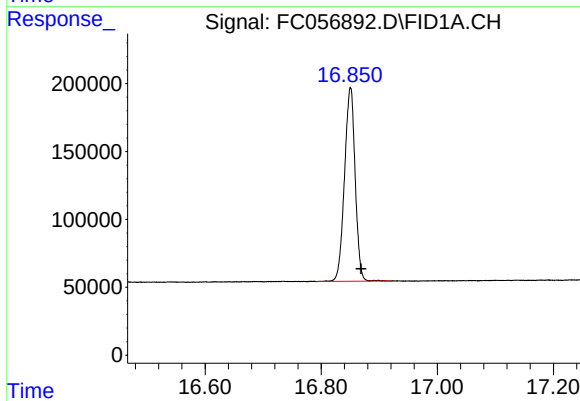
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.019 min
Response: 1889946
Conc: 17.15 ug/ml



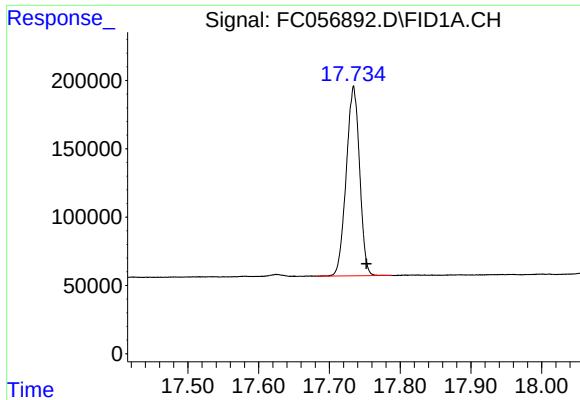
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: -0.019 min
Response: 1827336
Conc: 17.31 ug/ml



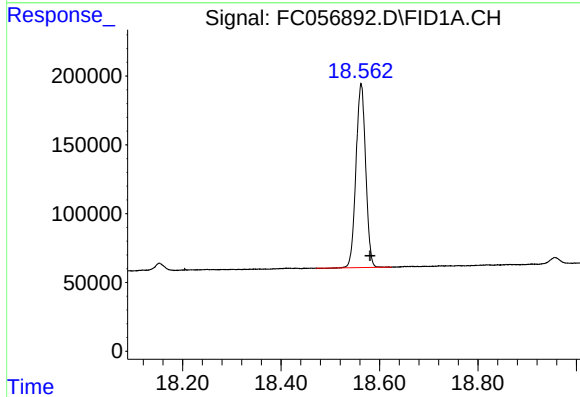
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.019 min
Response: 1819725
Conc: 17.54 ug/ml



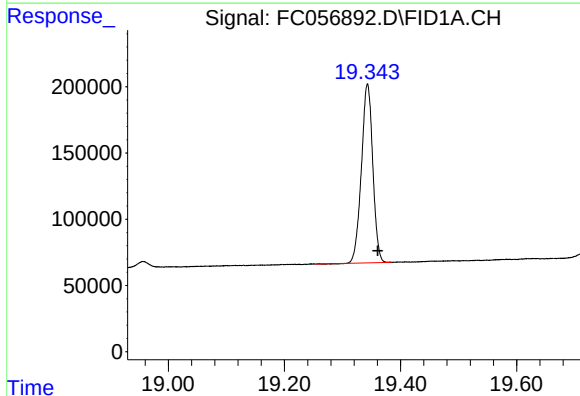
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.018 min
Response: 1823525
Conc: 17.60 ug/ml



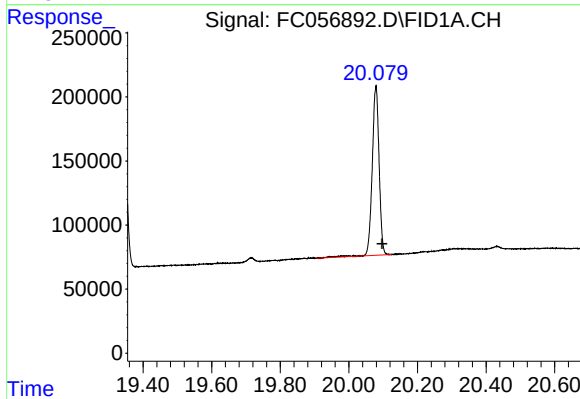
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: -0.018 min
Response: 1828756
Conc: 19.09 ug/ml



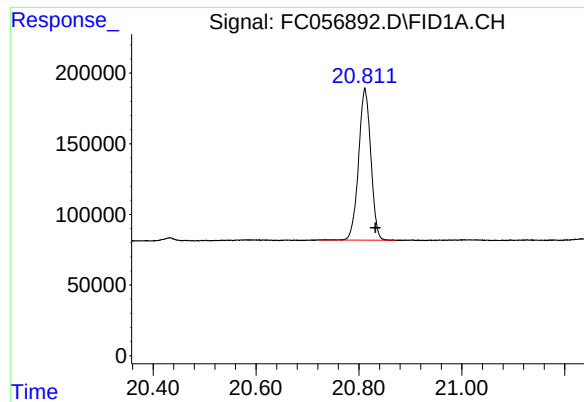
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.018 min
Response: 1834067
Conc: 20.91 ug/ml



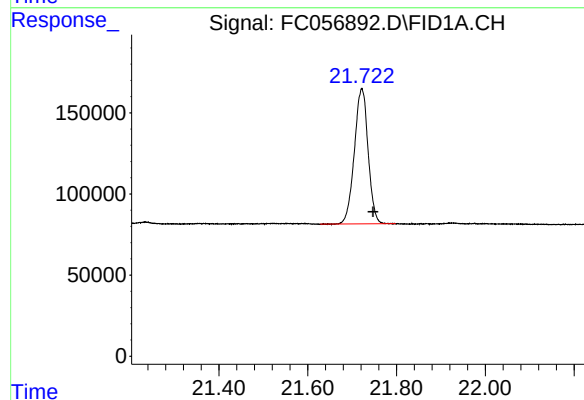
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 1842572
Conc: 22.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.021 min
Response: 1768438
Conc: 22.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.025 min
Response: 1790521
Conc: 21.73 ug/ml