

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012122AL\
 Data File : FC058050.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jan 2022 10:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 11:13:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.701	3872997	20.029 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.138	2935264	19.915 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	2.632	3682441	23.028 ug/ml
2) T n-Decane (C10)	3.621	3729154	23.201 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4130656	22.748 ug/ml
4) T n-Dodecane (C12)	5.592	3753398	23.273 ug/ml
5) T A~2-methylnaphthalene...	6.200	4124709	22.556 ug/ml
6) T n-Tetradecane (C14)	7.373	3798958	23.011 ug/ml
7) T n-Hexadecane (C16)	8.964	3731139	22.337 ug/ml
8) T n-Octadecane (C18)	10.398	3688172	21.432 ug/ml
10) T n-Eicosane (C20)	11.699	3495214	20.417 ug/ml
11) T n-Heneicosane (C21)	12.308	3450929	19.956 ug/ml
13) T n-Docosane (C22)	12.891	3353141	19.382 ug/ml
14) T n-Tetracosane (C24)	13.989	3254696	18.801 ug/ml
15) T n-Hexacosane (C26)	15.005	3134191	18.624 ug/ml
16) T n-Octacosane (C28)	15.951	3145018	19.219 ug/ml
17) T n-Tricontane (C30)	16.836	3167064	20.286 ug/ml
18) T n-Dotriacontane (C32)	17.665	2994479	21.477 ug/ml
19) T n-Tetratriacontane (C34)	18.445	2676848	21.537 ug/ml
20) T n-Hexatriacontane (C36)	19.182	2225389	20.016 ug/ml
21) T n-Octatriacontane (C38)	19.886	1896478	18.180 ug/ml
22) T n-Tetracontane (C40)	20.710	1716386	17.925 ug/ml

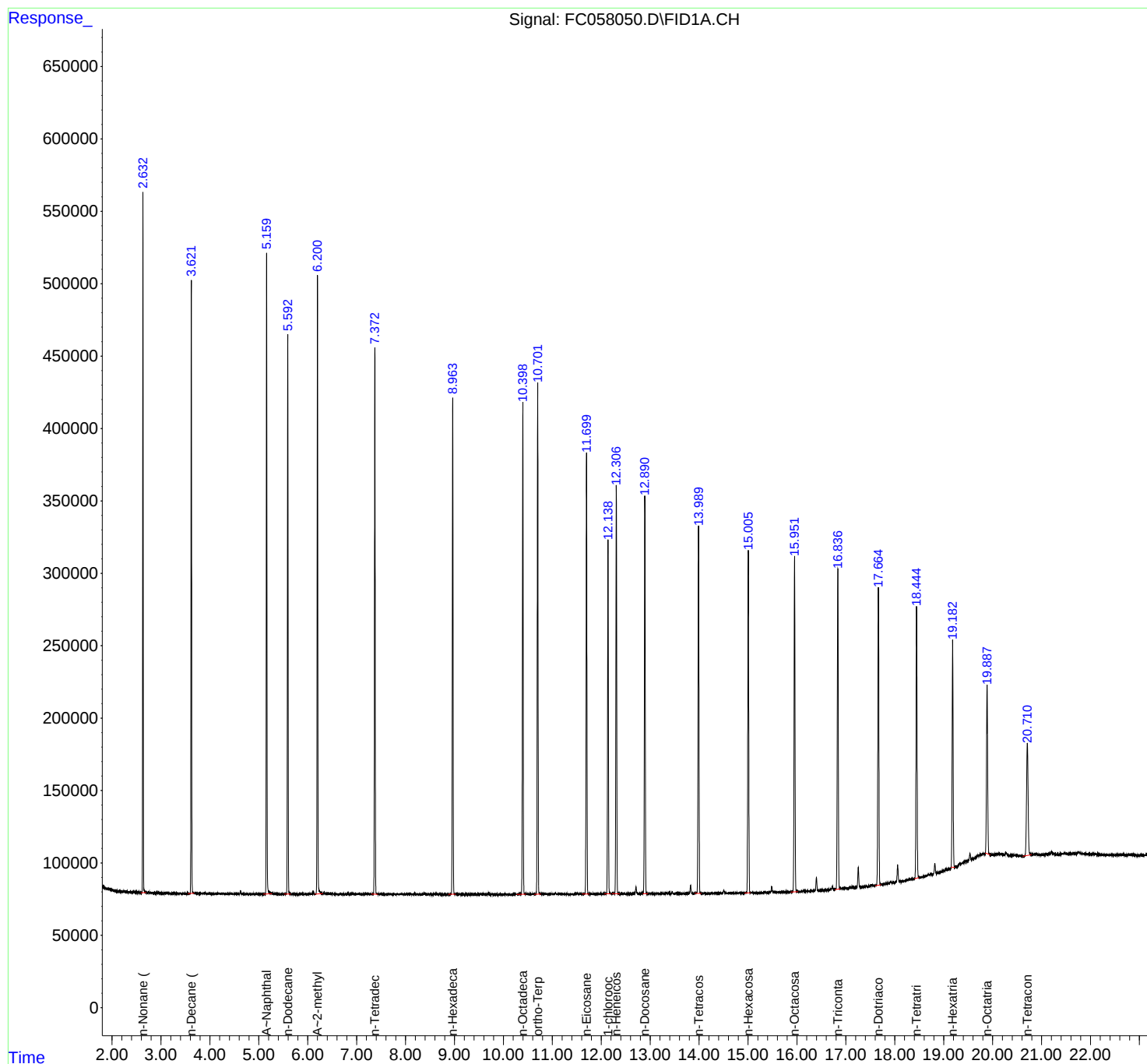
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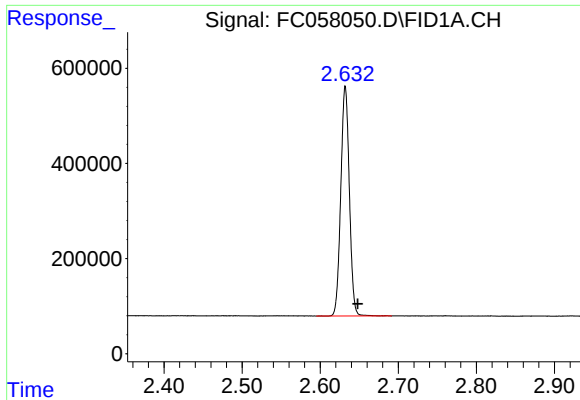
(m)=manual int.

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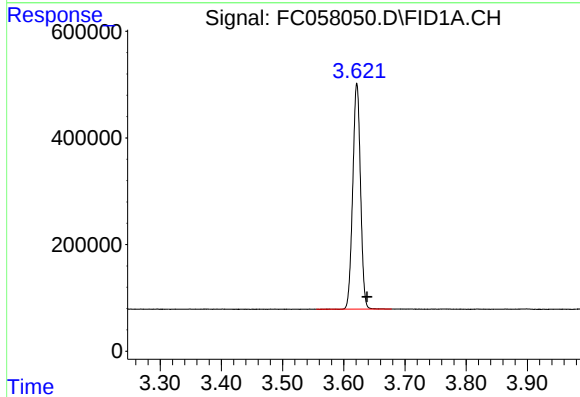
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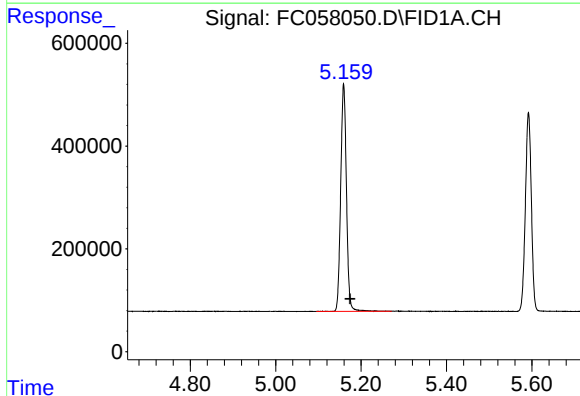
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.016 min
Response: 3682441
Conc: 23.03 ug/ml



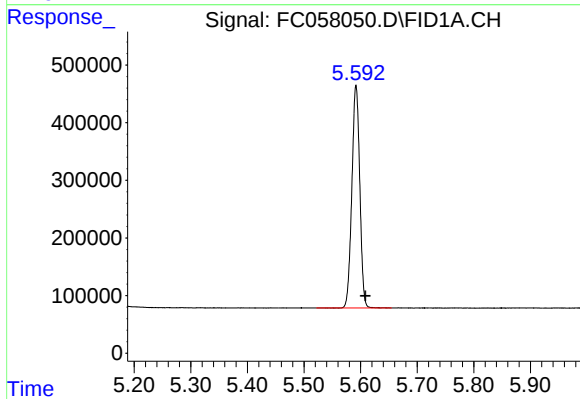
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 3729154
Conc: 23.20 ug/ml



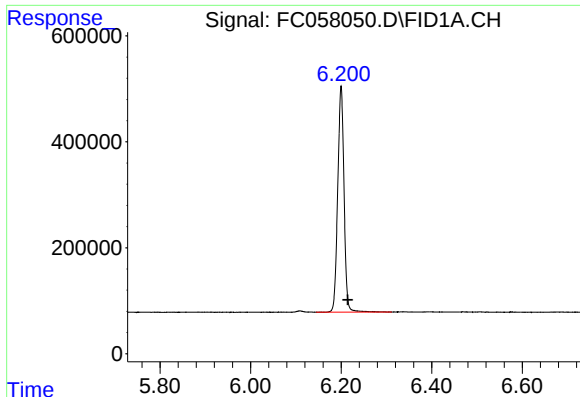
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.015 min
Response: 4130656
Conc: 22.75 ug/ml



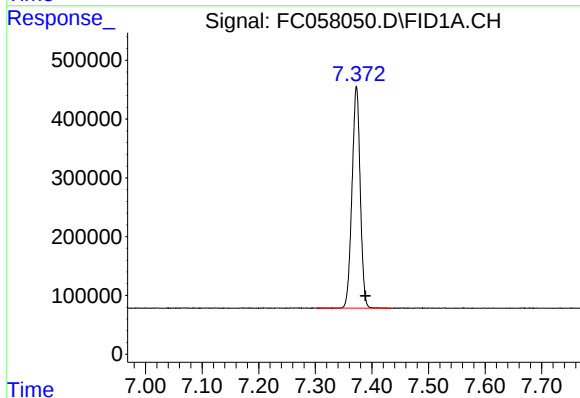
#4 n-Dodecane (C12)

R.T.: 5.592 min
Delta R.T.: -0.017 min
Response: 3753398
Conc: 23.27 ug/ml



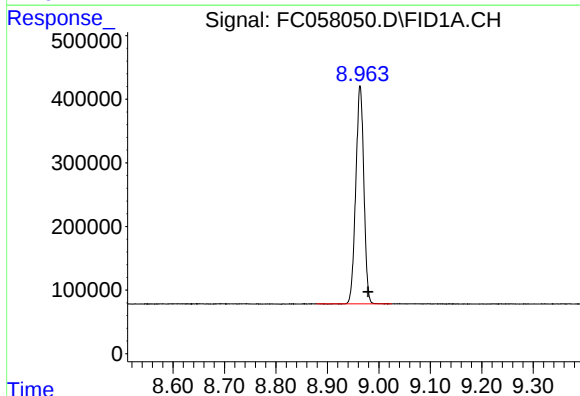
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.200 min
Delta R.T.: -0.015 min
Response: 4124709
Conc: 22.56 ug/ml



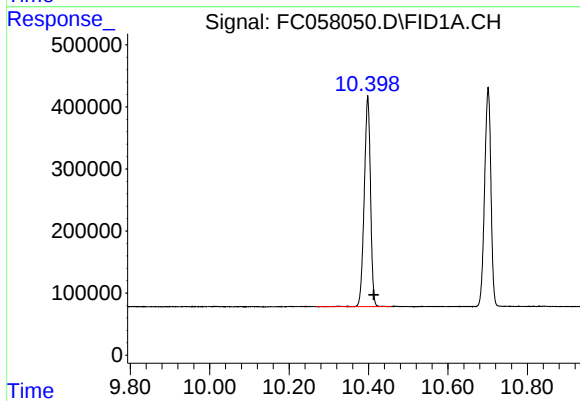
#6 n-Tetradecane (C14)

R.T.: 7.373 min
Delta R.T.: -0.016 min
Response: 3798958
Conc: 23.01 ug/ml



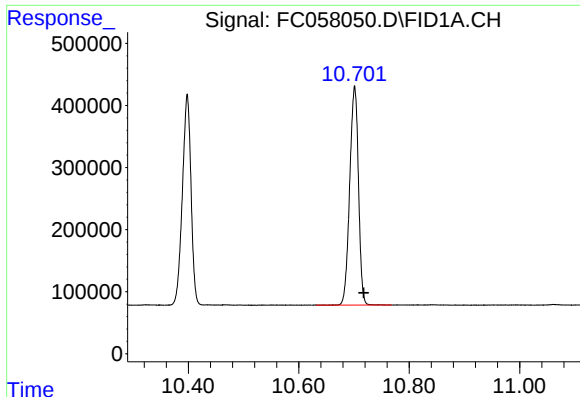
#7 n-Hexadecane (C16)

R.T.: 8.964 min
Delta R.T.: -0.015 min
Response: 3731139
Conc: 22.34 ug/ml



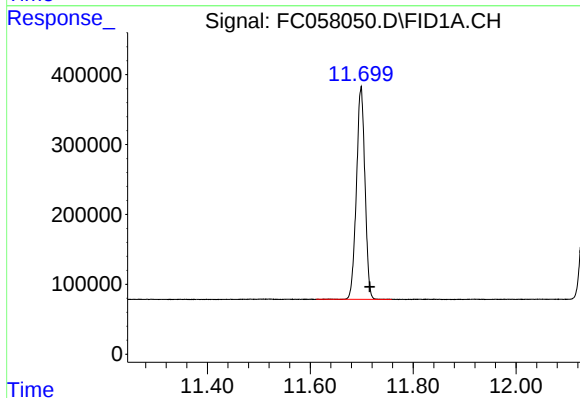
#8 n-Octadecane (C18)

R.T.: 10.398 min
Delta R.T.: -0.015 min
Response: 3688172
Conc: 21.43 ug/ml



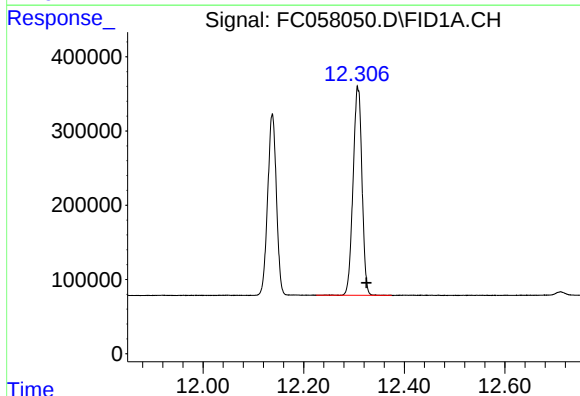
#9 ortho-Terphenyl (SURR)

R.T.: 10.701 min
Delta R.T.: -0.016 min
Response: 3872997
Conc: 20.03 ug/ml



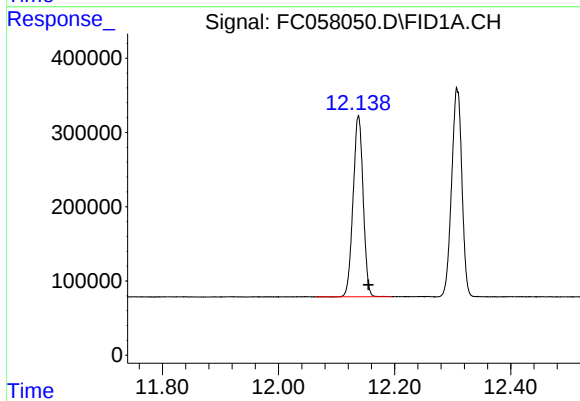
#10 n-Eicosane (C20)

R.T.: 11.699 min
Delta R.T.: -0.017 min
Response: 3495214
Conc: 20.42 ug/ml



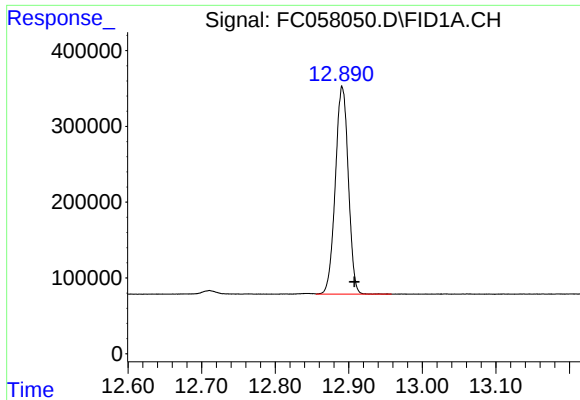
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.017 min
Response: 3450929
Conc: 19.96 ug/ml



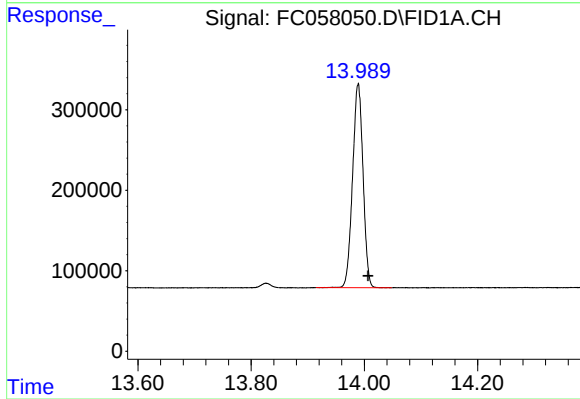
#12 1-chlorooctadecane (SURR)

R.T.: 12.138 min
Delta R.T.: -0.017 min
Response: 2935264
Conc: 19.92 ug/ml



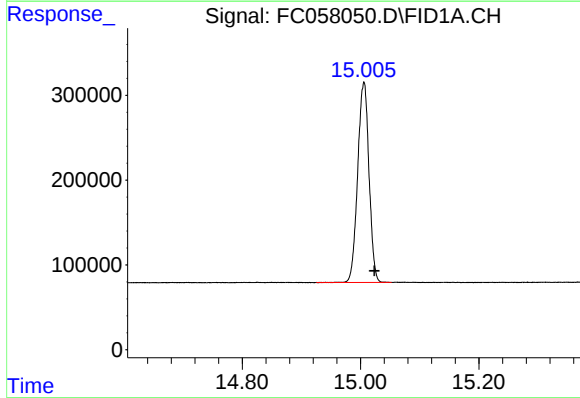
#13 n-Docosane (C22)

R.T.: 12.891 min
Delta R.T.: -0.017 min
Response: 3353141
Conc: 19.38 ug/ml



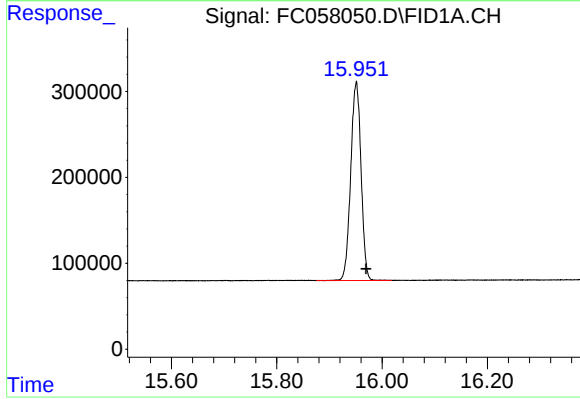
#14 n-Tetracosane (C24)

R.T.: 13.989 min
Delta R.T.: -0.017 min
Response: 3254696
Conc: 18.80 ug/ml



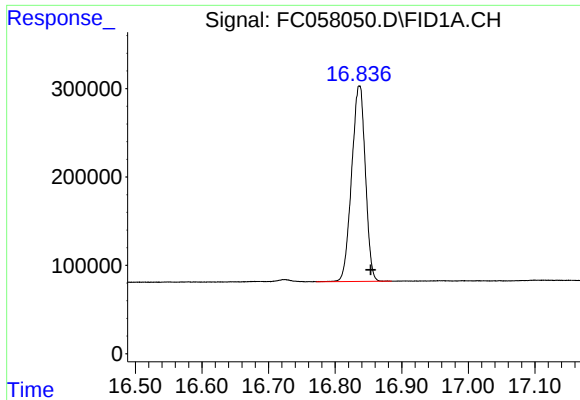
#15 n-Hexacosane (C26)

R.T.: 15.005 min
Delta R.T.: -0.018 min
Response: 3134191
Conc: 18.62 ug/ml



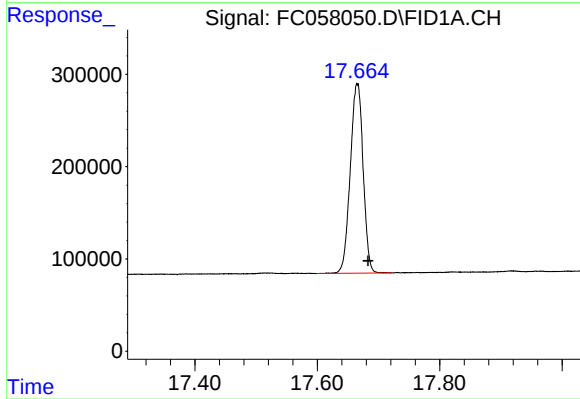
#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.019 min
Response: 3145018
Conc: 19.22 ug/ml



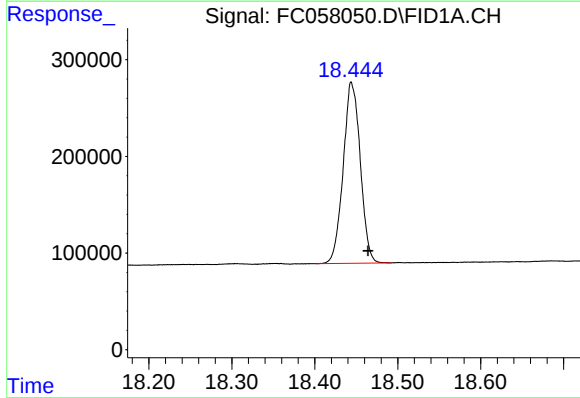
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.017 min
Response: 3167064
Conc: 20.29 ug/ml



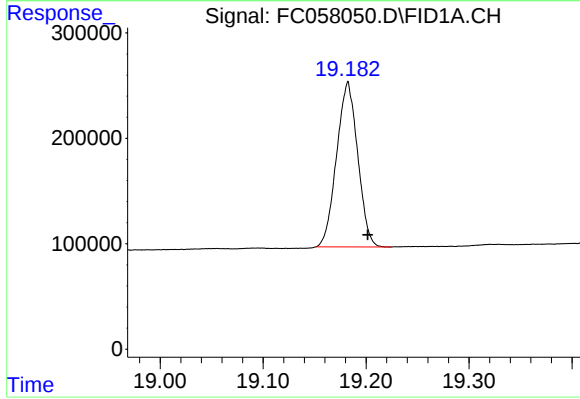
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.018 min
Response: 2994479
Conc: 21.48 ug/ml



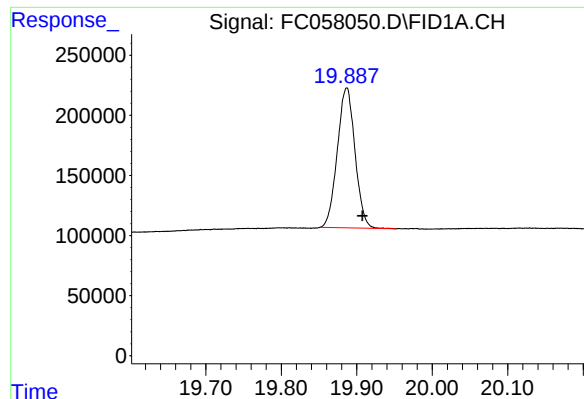
#19 n-Tetratriacontane (C34)

R.T.: 18.445 min
Delta R.T.: -0.019 min
Response: 2676848
Conc: 21.54 ug/ml



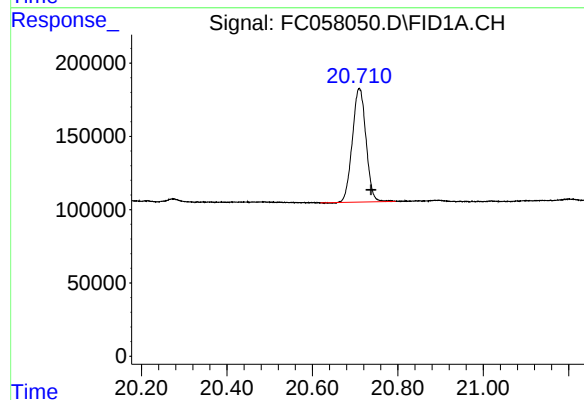
#20 n-Hexatriacontane (C36)

R.T.: 19.182 min
Delta R.T.: -0.019 min
Response: 2225389
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.886 min
Delta R.T.: -0.021 min
Response: 1896478
Conc: 18.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.710 min
Delta R.T.: -0.027 min
Response: 1716386
Conc: 17.93 ug/ml