

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011222AL\
 Data File : FC057867.D
 Signal(s) : FID1A.CH
 Acq On : 13 Jan 2022 1:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 13 02:51:11 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)	10.706	3798565	19.645 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	12.143	2883662	19.565 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	2.633	3195513	19.983 ug/ml
2) T n-Decane (C10)	3.623	3284673	20.436 ug/ml
3) T A~Naphthalene (C11.7)	5.161	3726743	20.524 ug/ml
4) T n-Dodecane (C12)	5.595	3303878	20.486 ug/ml
5) T A~2-methylnaphthalene...	6.202	3766028	20.594 ug/ml
6) T n-Tetradecane (C14)	7.376	3397059	20.577 ug/ml
7) T n-Hexadecane (C16)	8.968	3434783	20.563 ug/ml
8) T n-Octadecane (C18)	10.402	3488540	20.272 ug/ml
10) T n-Eicosane (C20)	11.704	3379310	19.740 ug/ml
11) T n-Heneicosane (C21)	12.313	3357042	19.413 ug/ml
13) T n-Docosane (C22)	12.897	3302088	19.087 ug/ml
14) T n-Tetracosane (C24)	13.995	3250923	18.780 ug/ml
15) T n-Hexacosane (C26)	15.013	3110439	18.483 ug/ml
16) T n-Octacosane (C28)	15.959	3123901	19.090 ug/mlm
17) T n-Tricontane (C30)	16.844	3287310	21.056 ug/ml
18) T n-Dotriacontane (C32)	17.673	3162913	22.685 ug/ml
19) T n-Tetratriacontane (C34)	18.454	2838056	22.834 ug/ml
20) T n-Hexatriacontane (C36)	19.191	2569510	23.111 ug/ml
21) T n-Octatriacontane (C38)	19.897	2379918	22.815 ug/ml
22) T n-Tetracontane (C40)	20.721	2310436	24.129 ug/ml

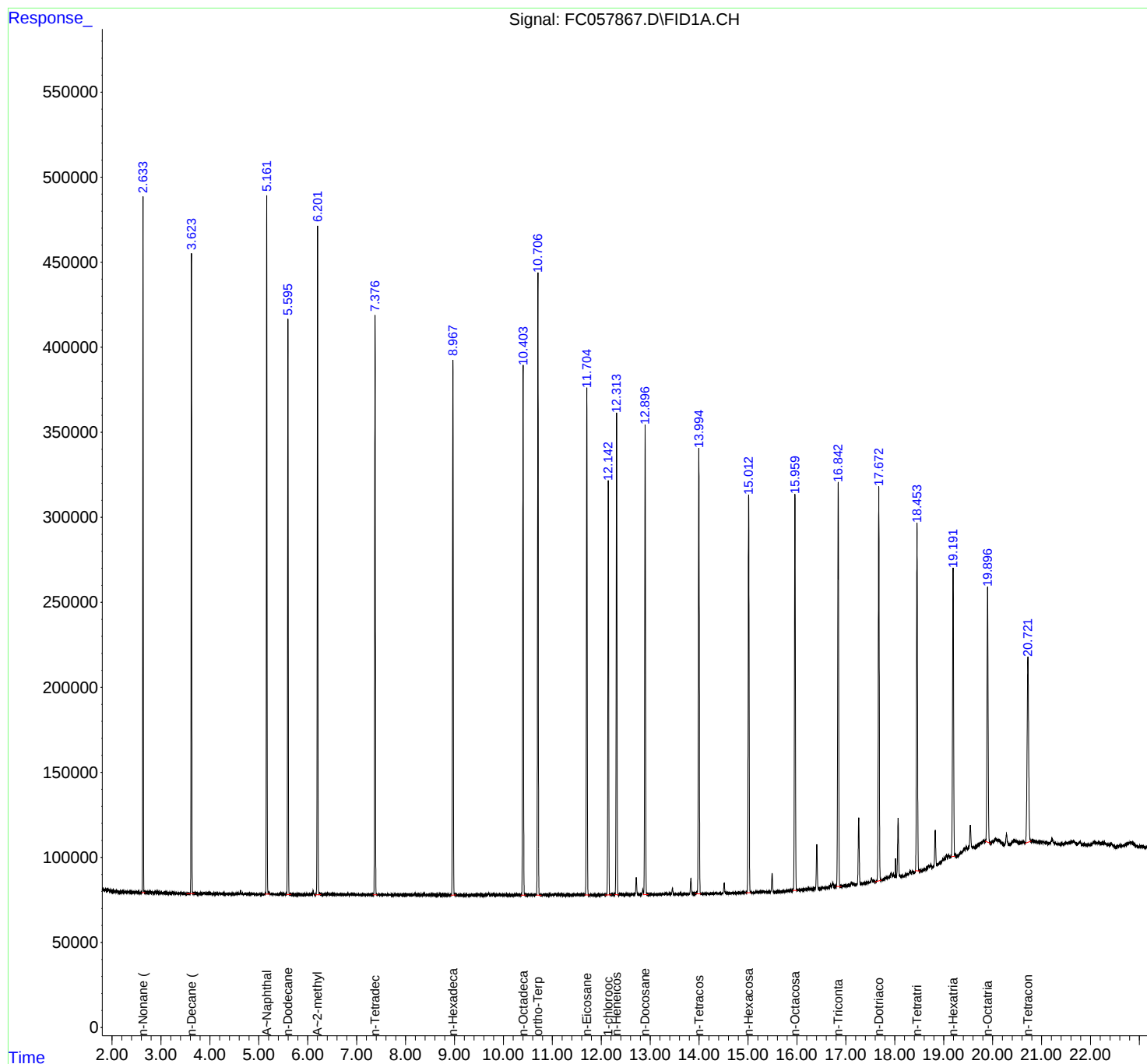
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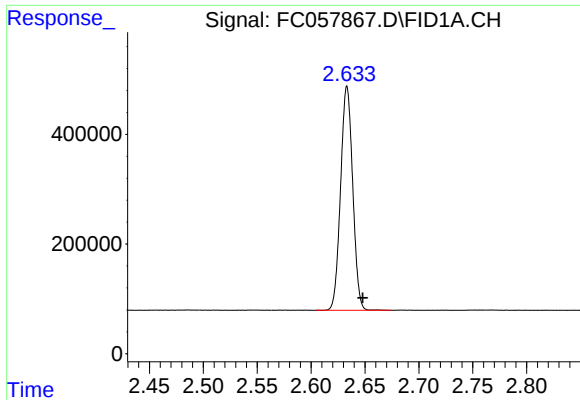
(m)=manual int.

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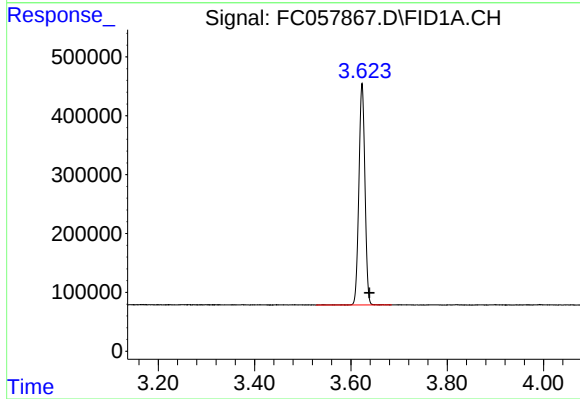
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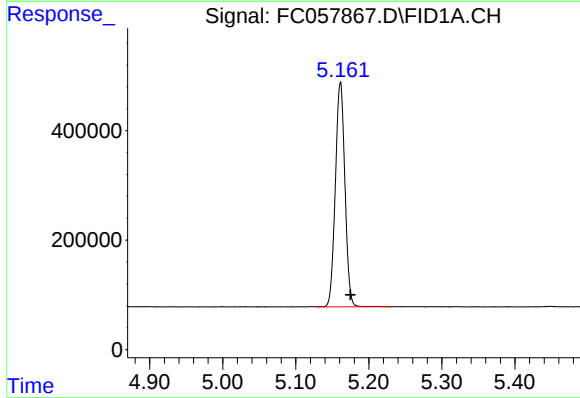
#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.015 min
Response: 3195513
Conc: 19.98 ug/ml



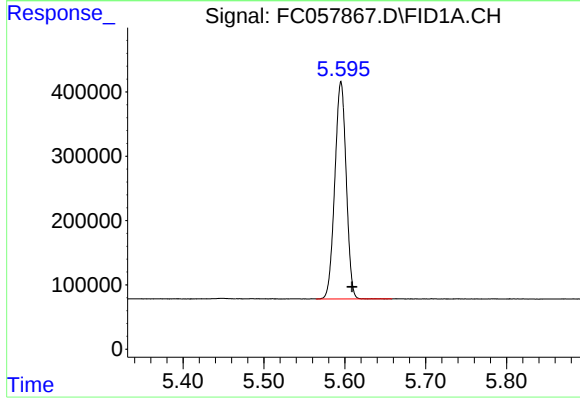
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 3284673
Conc: 20.44 ug/ml



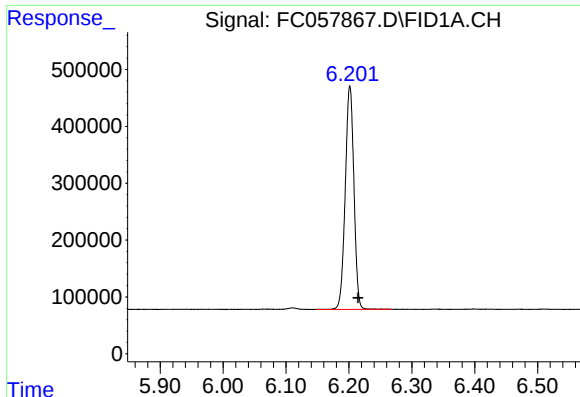
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.014 min
Response: 3726743
Conc: 20.52 ug/ml



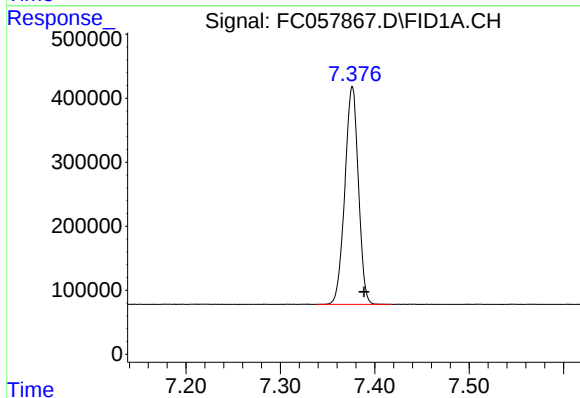
#4 n-Dodecane (C12)

R.T.: 5.595 min
Delta R.T.: -0.014 min
Response: 3303878
Conc: 20.49 ug/ml



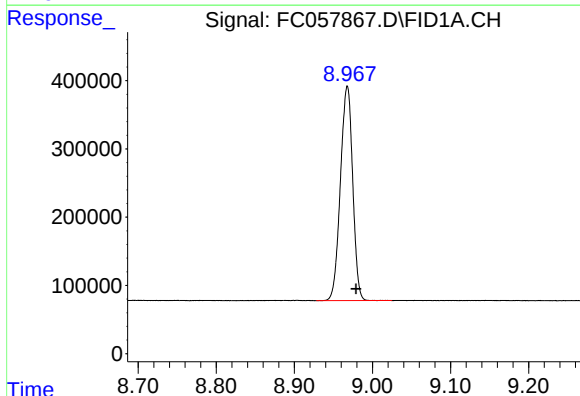
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.202 min
Delta R.T.: -0.013 min
Response: 3766028
Conc: 20.59 ug/ml



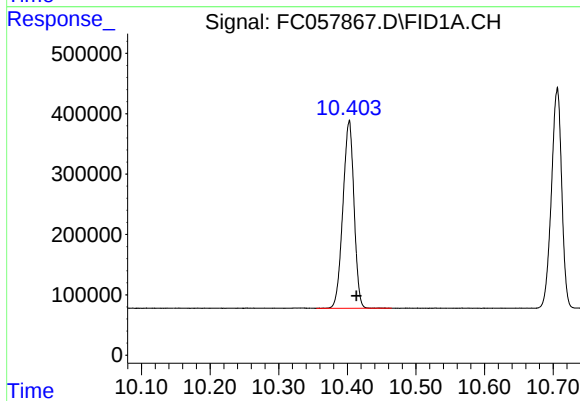
#6 n-Tetradecane (C14)

R.T.: 7.376 min
Delta R.T.: -0.013 min
Response: 3397059
Conc: 20.58 ug/ml



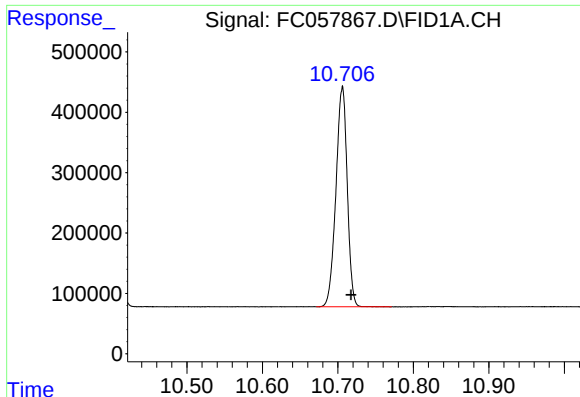
#7 n-Hexadecane (C16)

R.T.: 8.968 min
Delta R.T.: -0.011 min
Response: 3434783
Conc: 20.56 ug/ml



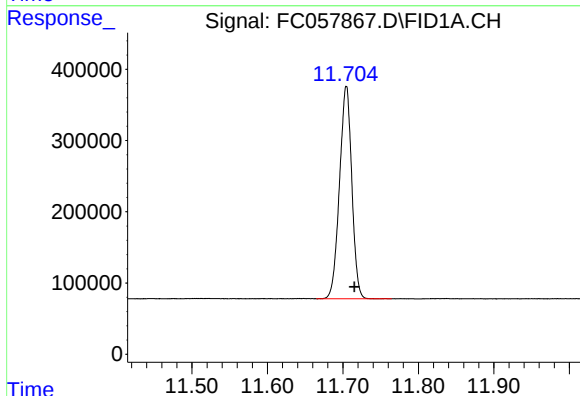
#8 n-Octadecane (C18)

R.T.: 10.402 min
Delta R.T.: -0.011 min
Response: 3488540
Conc: 20.27 ug/ml



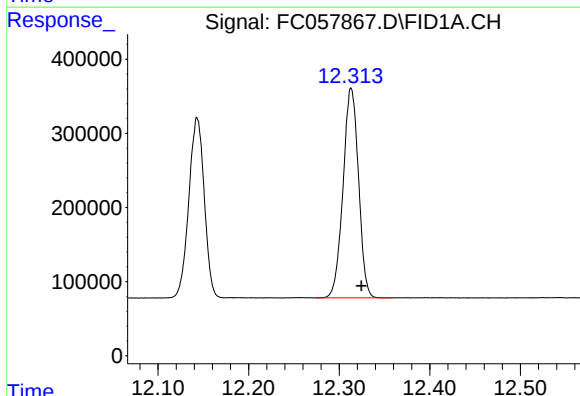
#9 ortho-Terphenyl (SURR)

R.T.: 10.706 min
Delta R.T.: -0.012 min
Response: 3798565
Conc: 19.64 ug/ml



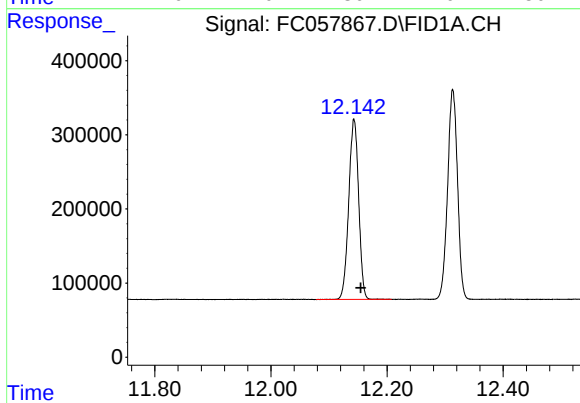
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: -0.011 min
Response: 3379310
Conc: 19.74 ug/ml



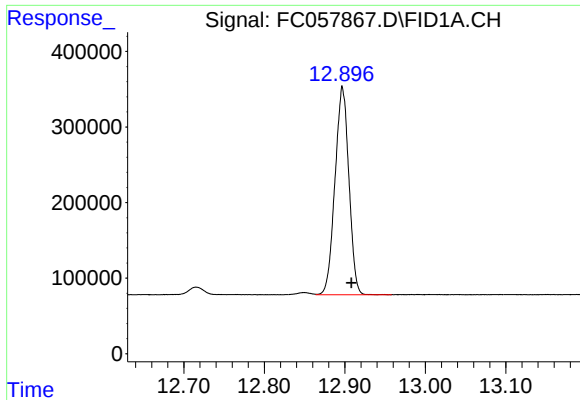
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.011 min
Response: 3357042
Conc: 19.41 ug/ml



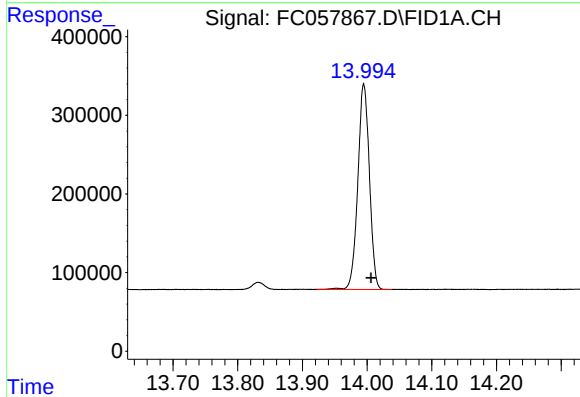
#12 1-chlorooctadecane (SURR)

R.T.: 12.143 min
Delta R.T.: -0.011 min
Response: 2883662
Conc: 19.57 ug/ml



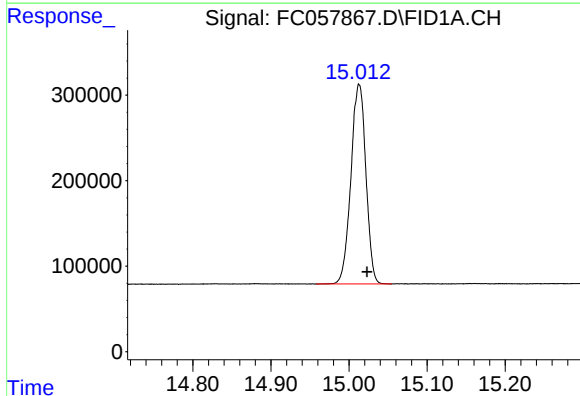
#13 n-Docosane (C22)

R.T.: 12.897 min
Delta R.T.: -0.011 min
Response: 3302088
Conc: 19.09 ug/ml



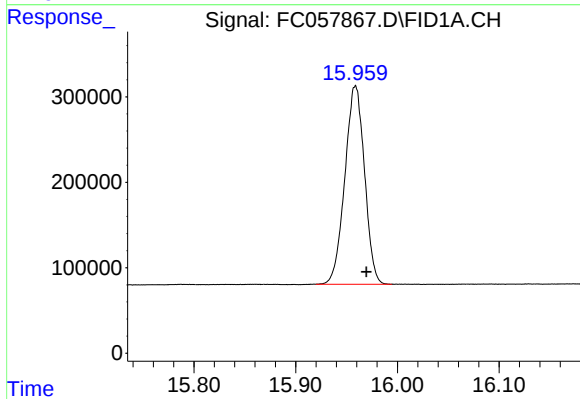
#14 n-Tetracosane (C24)

R.T.: 13.995 min
Delta R.T.: -0.011 min
Response: 3250923
Conc: 18.78 ug/ml



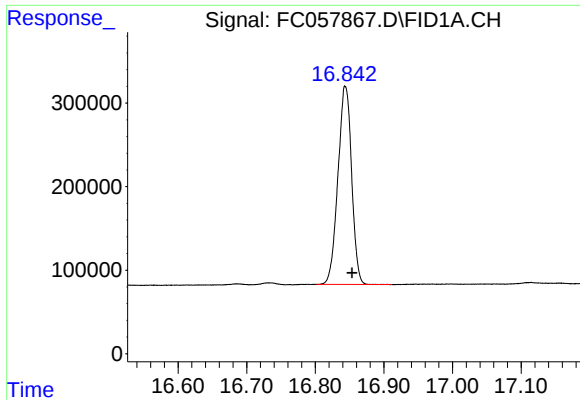
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.010 min
Response: 3110439
Conc: 18.48 ug/ml



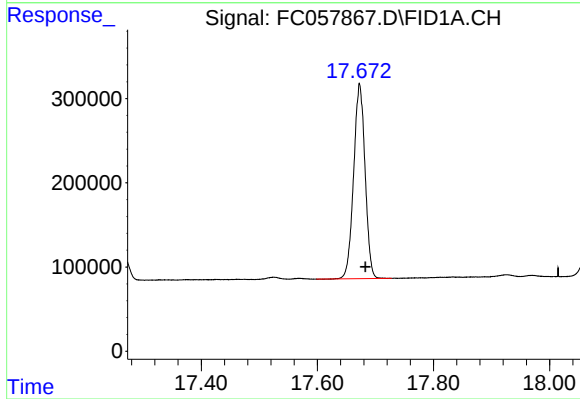
#16 n-Octacosane (C28)

R.T.: 15.959 min
Delta R.T.: -0.011 min
Response: 3123901
Conc: 19.09 ug/ml m



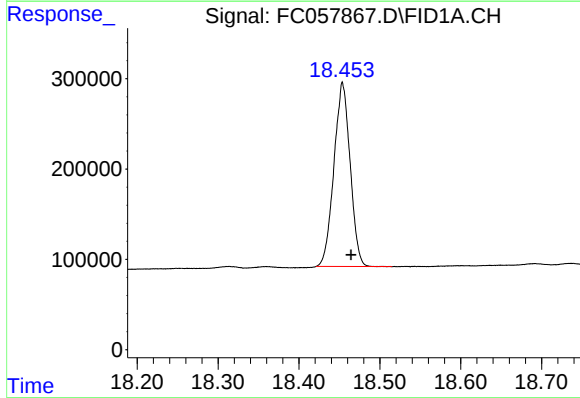
#17 n-Tricontane (C30)

R.T.: 16.844 min
Delta R.T.: -0.010 min
Response: 3287310
Conc: 21.06 ug/ml



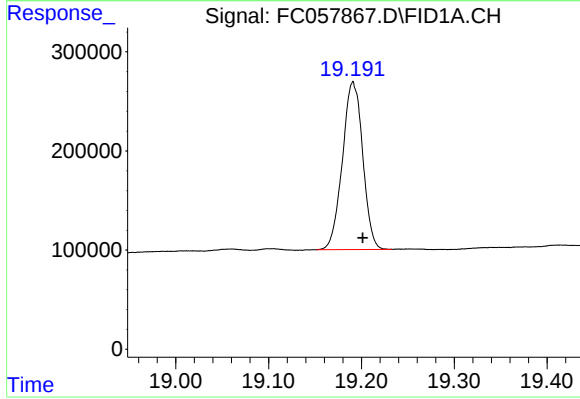
#18 n-Dotriacontane (C32)

R.T.: 17.673 min
Delta R.T.: -0.010 min
Response: 3162913
Conc: 22.69 ug/ml



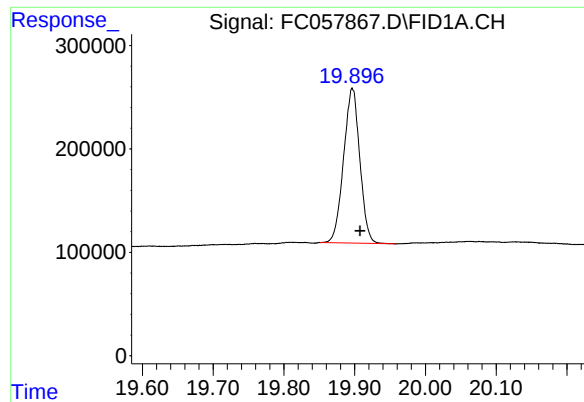
#19 n-Tetratriacontane (C34)

R.T.: 18.454 min
Delta R.T.: -0.010 min
Response: 2838056
Conc: 22.83 ug/ml



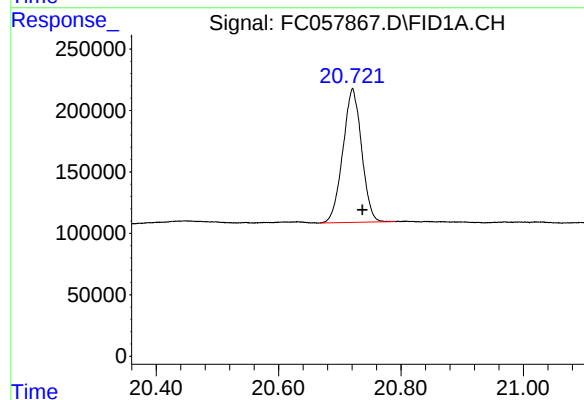
#20 n-Hexatriacontane (C36)

R.T.: 19.191 min
Delta R.T.: -0.010 min
Response: 2569510
Conc: 23.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.897 min
Delta R.T.: -0.011 min
Response: 2379918
Conc: 22.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.721 min
Delta R.T.: -0.016 min
Response: 2310436
Conc: 24.13 ug/ml