

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012122AL\
 Data File : FC058071.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jan 2022 21:58
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 22 00:09:47 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	4135565	21.387 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
12) S 1-chlorooctadecane (S...	12.138	3136746	21.282 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
Target Compounds			
1) T n-Nonane (C9)	2.632	3882030	24.276 ug/ml
2) T n-Decane (C10)	3.621	3939750	24.512 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4442143	24.464 ug/ml
4) T n-Dodecane (C12)	5.592	3966004	24.591 ug/ml
5) T A~2-methylnaphthalene...	6.200	4419339	24.167 ug/ml
6) T n-Tetradecane (C14)	7.372	4042447	24.486 ug/ml
7) T n-Hexadecane (C16)	8.963	3976902	23.808 ug/ml
8) T n-Octadecane (C18)	10.397	3922489	22.794 ug/ml
10) T n-Eicosane (C20)	11.700	3716137	21.707 ug/ml
11) T n-Heneicosane (C21)	12.308	3678823	21.274 ug/ml
13) T n-Docosane (C22)	12.891	3558245	20.567 ug/ml
14) T n-Tetracosane (C24)	13.990	3456740	19.969 ug/ml
15) T n-Hexacosane (C26)	15.006	3327974	19.775 ug/ml
16) T n-Octacosane (C28)	15.952	3283059	20.062 ug/ml
17) T n-Tricontane (C30)	16.836	3266294	20.921 ug/ml
18) T n-Dotriacontane (C32)	17.665	3124747	22.412 ug/ml
19) T n-Tetratriacontane (C34)	18.447	2916533	23.466 ug/ml
20) T n-Hexatriacontane (C36)	19.183	3421333	30.773 ug/ml
21) T n-Octatriacontane (C38)	19.888	5866695	56.240 ug/ml
22) T n-Tetracontane (C40)	20.713	4820923	50.348 ug/ml

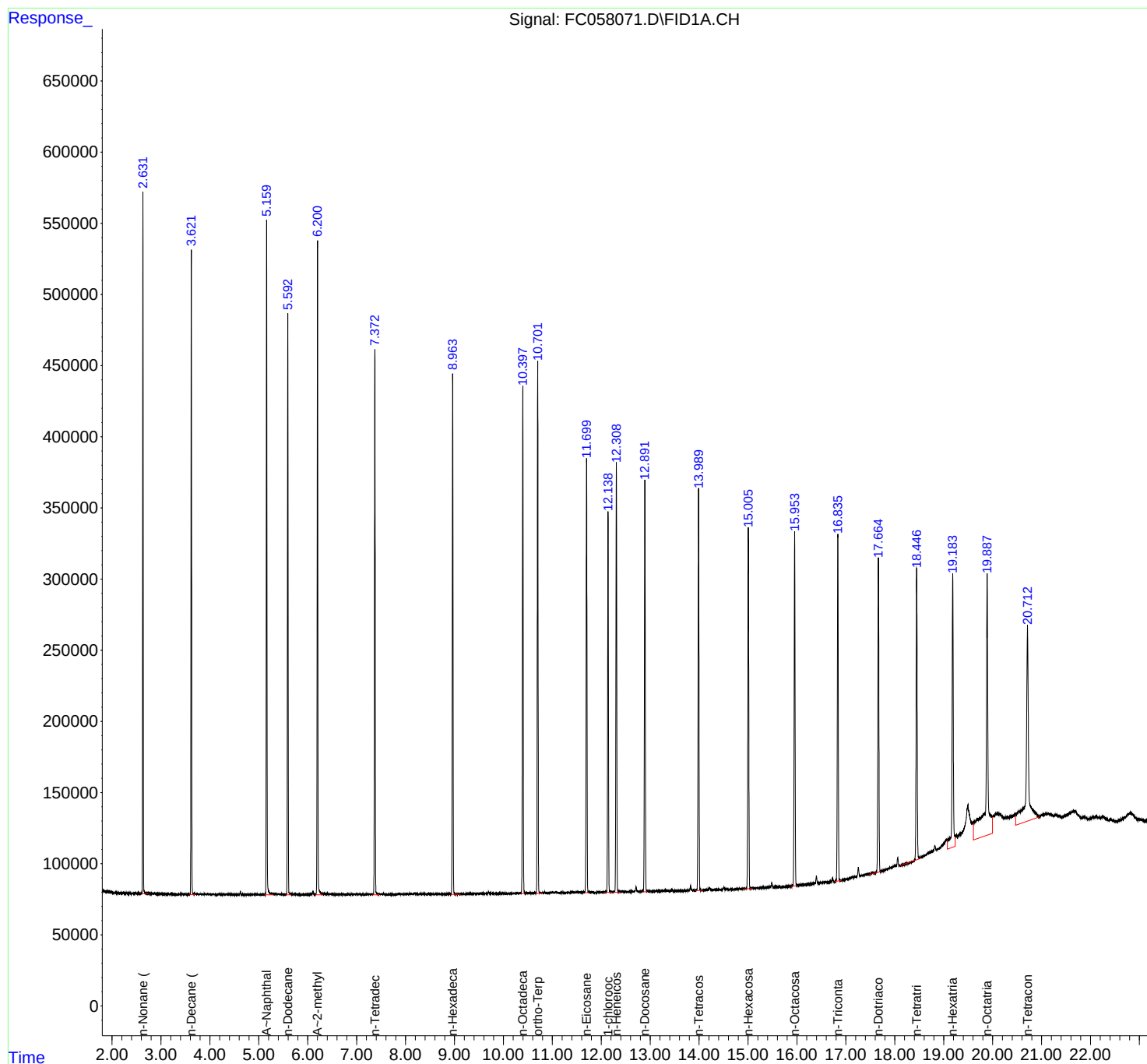
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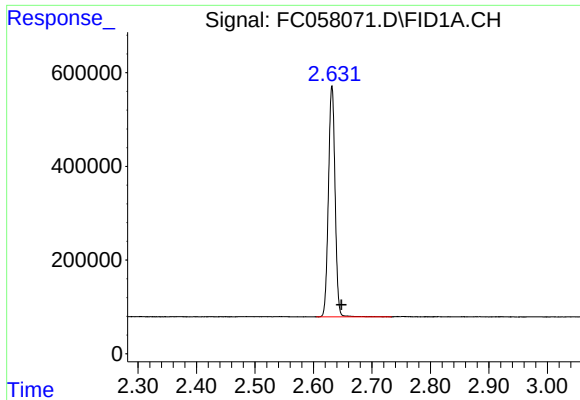
(m)=manual int.

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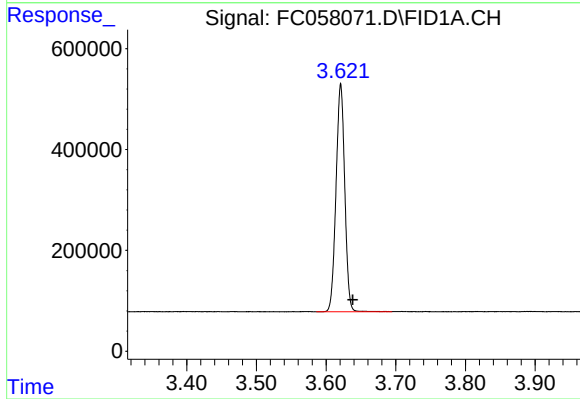
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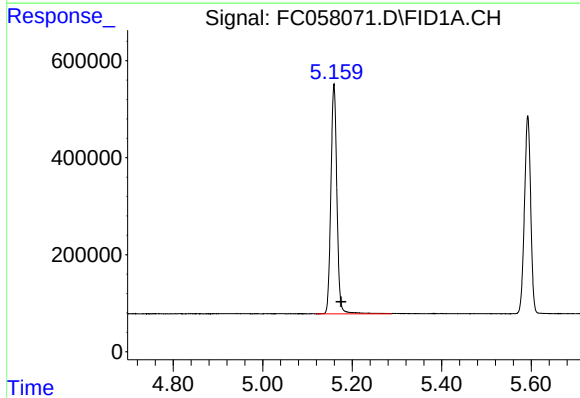
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.016 min
Response: 3882030
Conc: 24.28 ug/ml



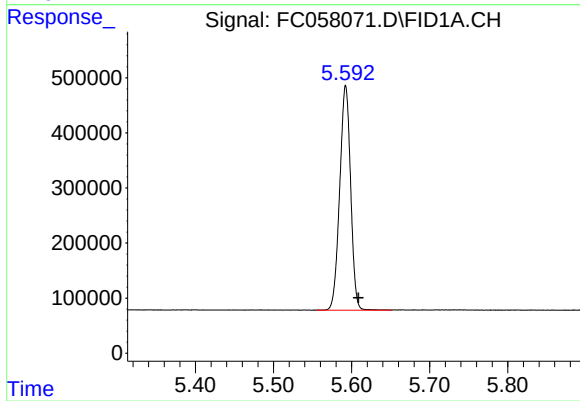
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 3939750
Conc: 24.51 ug/ml



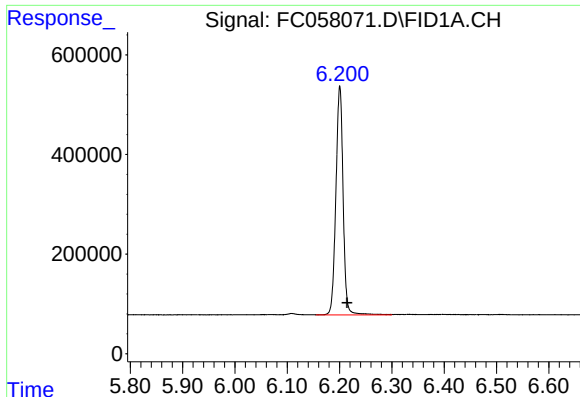
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.015 min
Response: 4442143
Conc: 24.46 ug/ml



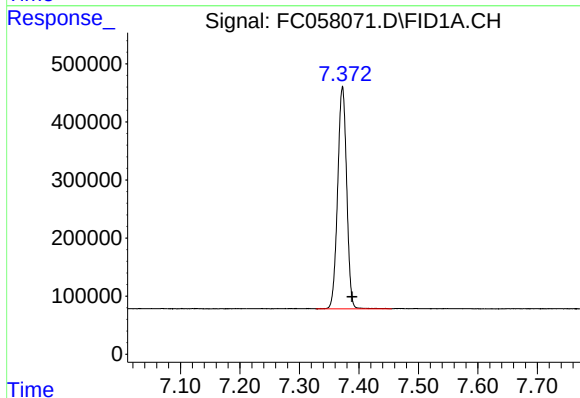
#4 n-Dodecane (C12)

R.T.: 5.592 min
Delta R.T.: -0.016 min
Response: 3966004
Conc: 24.59 ug/ml



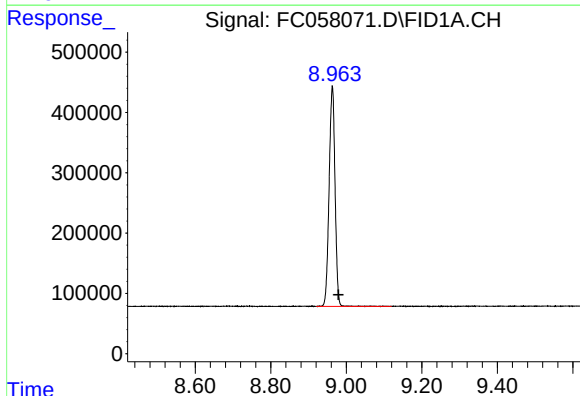
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.200 min
Delta R.T.: -0.014 min
Response: 4419339
Conc: 24.17 ug/ml



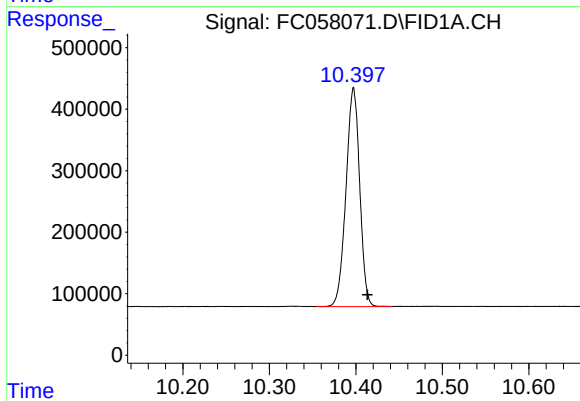
#6 n-Tetradecane (C14)

R.T.: 7.372 min
Delta R.T.: -0.016 min
Response: 4042447
Conc: 24.49 ug/ml



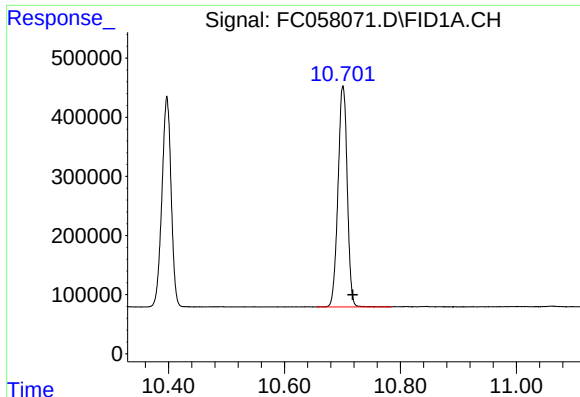
#7 n-Hexadecane (C16)

R.T.: 8.963 min
Delta R.T.: -0.016 min
Response: 3976902
Conc: 23.81 ug/ml



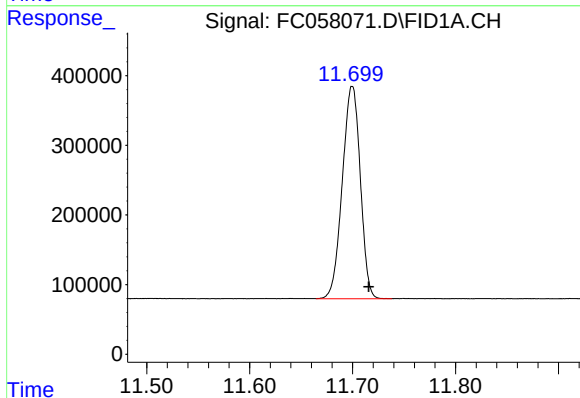
#8 n-Octadecane (C18)

R.T.: 10.397 min
Delta R.T.: -0.016 min
Response: 3922489
Conc: 22.79 ug/ml



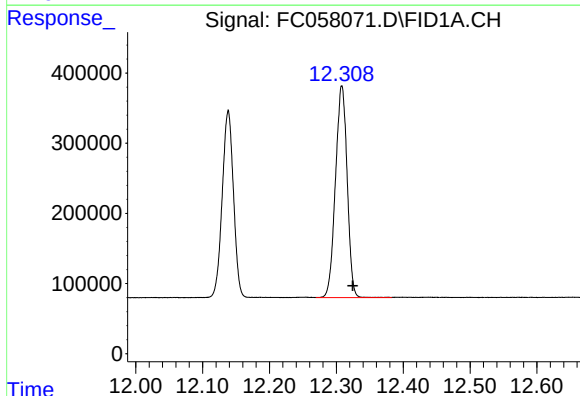
#9 ortho-Terphenyl (SURR)

R.T.: 10.701 min
Delta R.T.: -0.016 min
Response: 4135565
Conc: 21.39 ug/ml



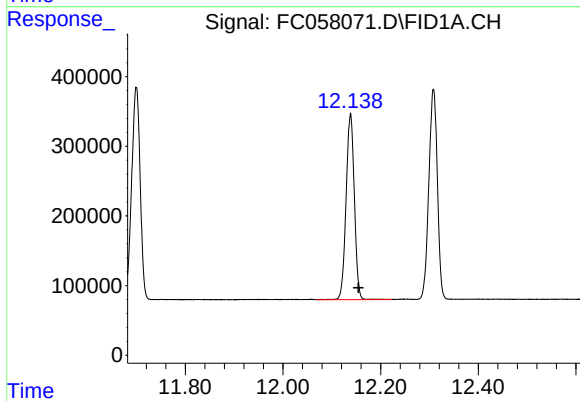
#10 n-Eicosane (C20)

R.T.: 11.700 min
Delta R.T.: -0.016 min
Response: 3716137
Conc: 21.71 ug/ml



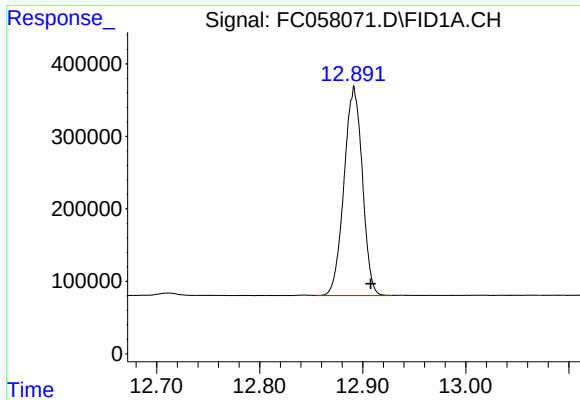
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.016 min
Response: 3678823
Conc: 21.27 ug/ml



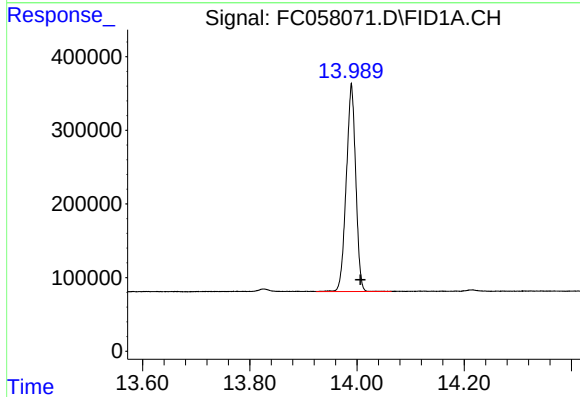
#12 1-chlorooctadecane (SURR)

R.T.: 12.138 min
Delta R.T.: -0.017 min
Response: 3136746
Conc: 21.28 ug/ml



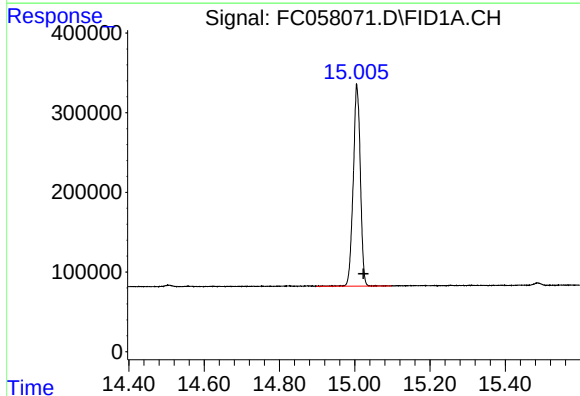
#13 n-Docosane (C22)

R.T.: 12.891 min
Delta R.T.: -0.017 min
Response: 3558245
Conc: 20.57 ug/ml



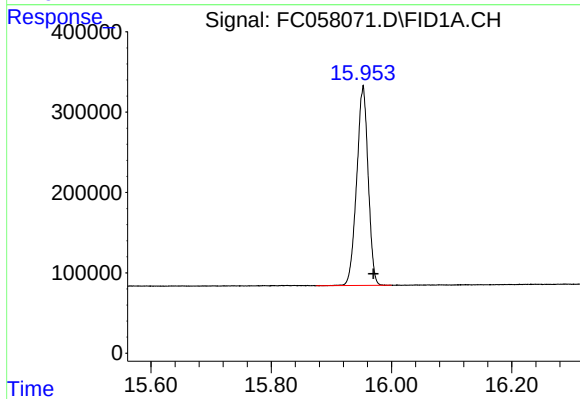
#14 n-Tetracosane (C24)

R.T.: 13.990 min
Delta R.T.: -0.017 min
Response: 3456740
Conc: 19.97 ug/ml



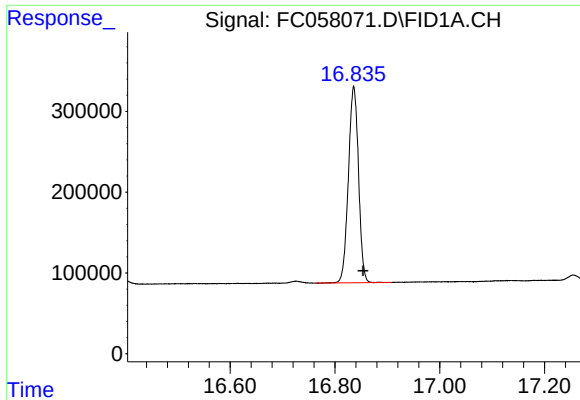
#15 n-Hexacosane (C26)

R.T.: 15.006 min
Delta R.T.: -0.017 min
Response: 3327974
Conc: 19.78 ug/ml



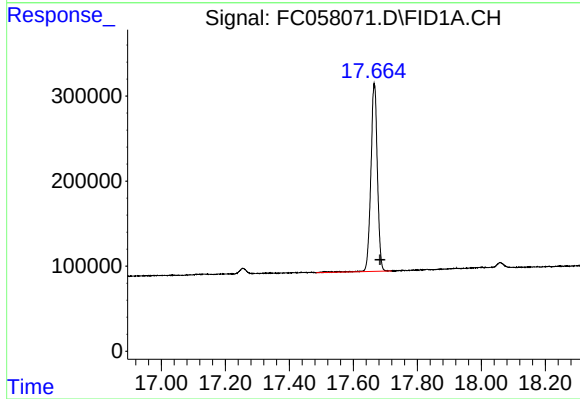
#16 n-Octacosane (C28)

R.T.: 15.952 min
Delta R.T.: -0.017 min
Response: 3283059
Conc: 20.06 ug/ml



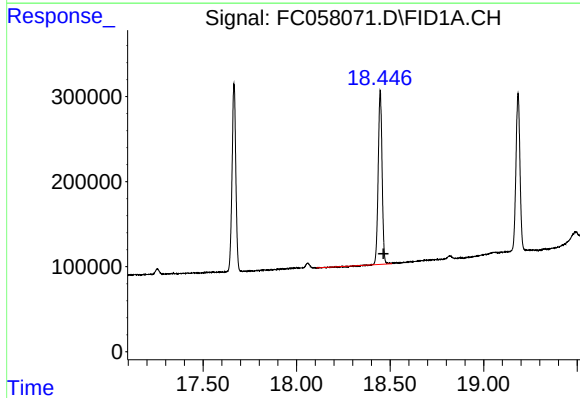
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.018 min
Response: 3266294
Conc: 20.92 ug/ml



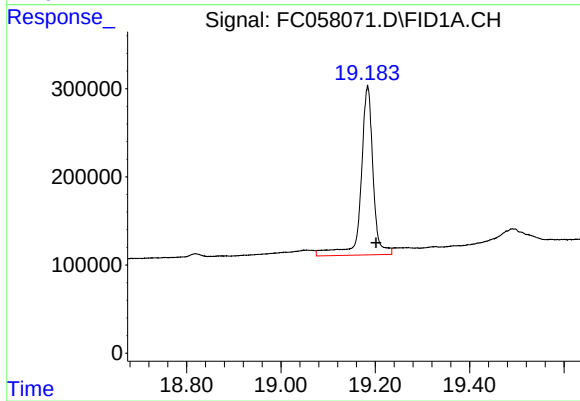
#18 n-Dotriacontane (C32)

R.T.: 17.665 min
Delta R.T.: -0.018 min
Response: 3124747
Conc: 22.41 ug/ml



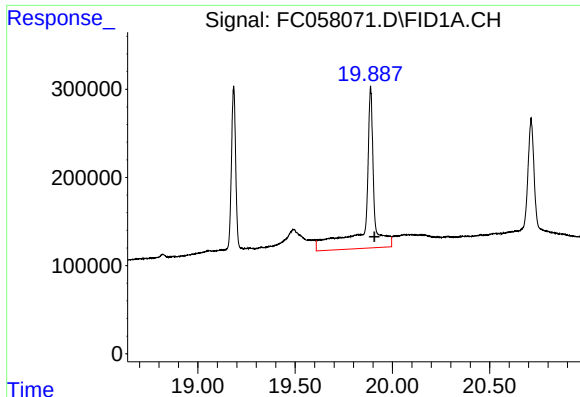
#19 n-Tetratriacontane (C34)

R.T.: 18.447 min
Delta R.T.: -0.018 min
Response: 2916533
Conc: 23.47 ug/ml



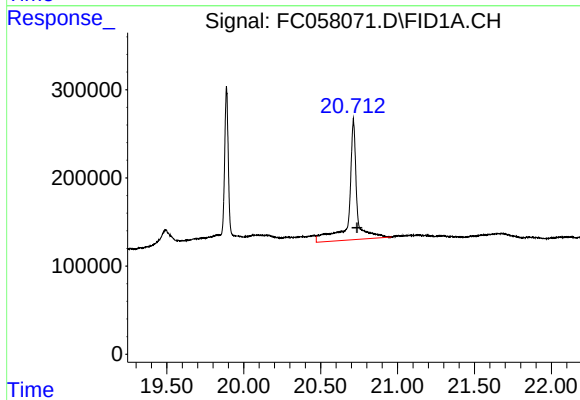
#20 n-Hexatriacontane (C36)

R.T.: 19.183 min
Delta R.T.: -0.018 min
Response: 3421333
Conc: 30.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.888 min
Delta R.T.: -0.020 min
Response: 5866695
Conc: 56.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.713 min
Delta R.T.: -0.024 min
Response: 4820923
Conc: 50.35 ug/ml