

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012122AL\
 Data File : FC058070.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jan 2022 21:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 22 00:09:17 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	3954214	20.450 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
12) S 1-chlorooctadecane (S...	12.138	3010452	20.425 ug/ml
Spiked Amount 50.000		Recovery =	40.85%
Target Compounds			
1) T n-Nonane (C9)	2.631	3684210	23.039 ug/ml
2) T n-Decane (C10)	3.621	3771585	23.465 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4212382	23.198 ug/ml
4) T n-Dodecane (C12)	5.592	3783623	23.460 ug/ml
5) T A~2-methylnaphthalene...	6.200	4185826	22.890 ug/ml
6) T n-Tetradecane (C14)	7.372	3838461	23.250 ug/ml
7) T n-Hexadecane (C16)	8.962	3790666	22.693 ug/ml
8) T n-Octadecane (C18)	10.396	3745187	21.763 ug/ml
10) T n-Eicosane (C20)	11.699	3566990	20.836 ug/ml
11) T n-Heneicosane (C21)	12.308	3528971	20.408 ug/ml
13) T n-Docosane (C22)	12.891	3446677	19.922 ug/ml
14) T n-Tetracosane (C24)	13.989	3320659	19.182 ug/ml
15) T n-Hexacosane (C26)	15.005	3192376	18.970 ug/ml
16) T n-Octacosane (C28)	15.951	3192286	19.508 ug/ml
17) T n-Tricontane (C30)	16.836	3235464	20.724 ug/ml
18) T n-Dotriacontane (C32)	17.666	3080714	22.096 ug/ml
19) T n-Tetratriacontane (C34)	18.447	2918663	23.483 ug/ml
20) T n-Hexatriacontane (C36)	19.185	3869567	34.805 ug/ml
21) T n-Octatriacontane (C38)	19.889	5772309	55.335 ug/ml
22) T n-Tetracontane (C40)	20.711	2900244	30.289 ug/ml

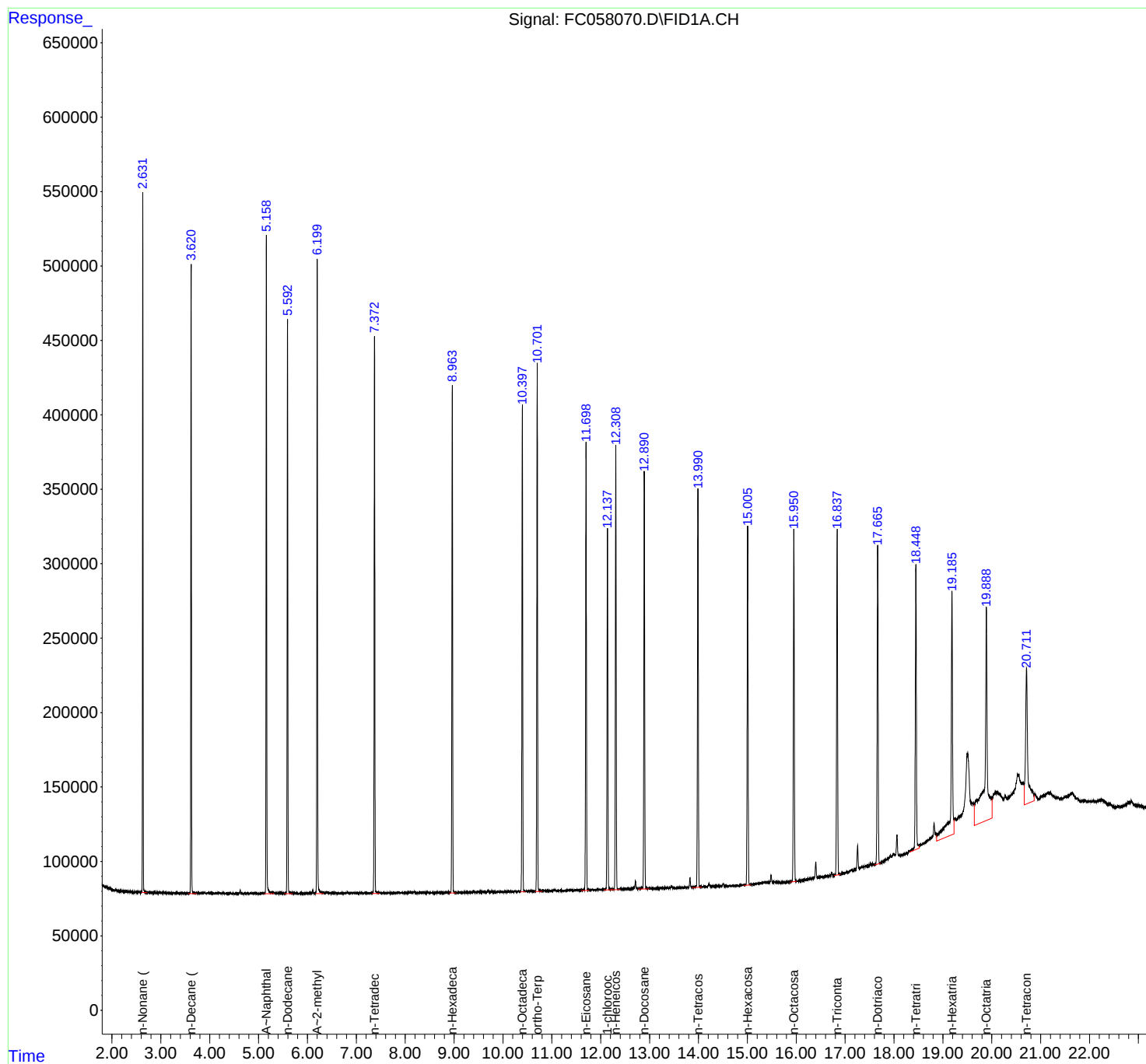
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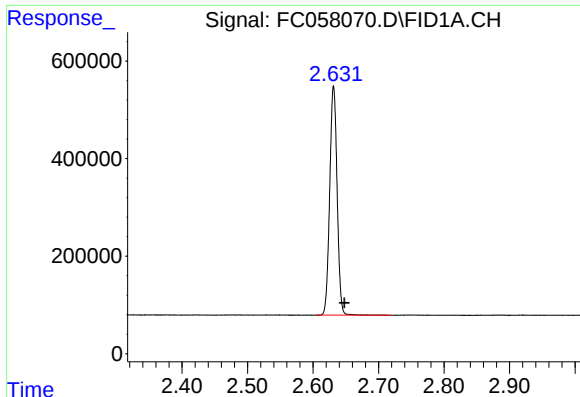
(m)=manual int.

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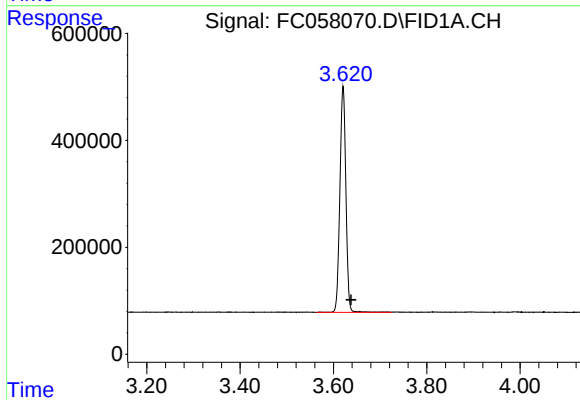
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





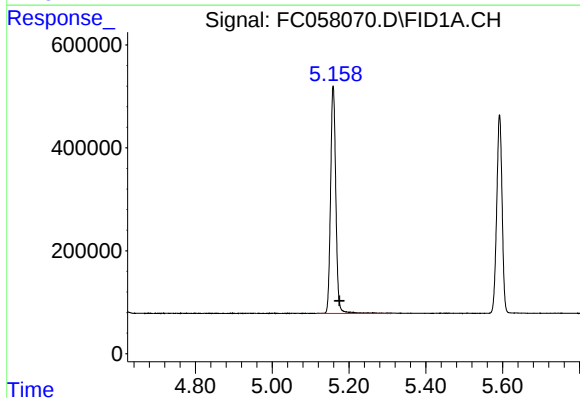
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.017 min
Response: 3684210
Conc: 23.04 ug/ml



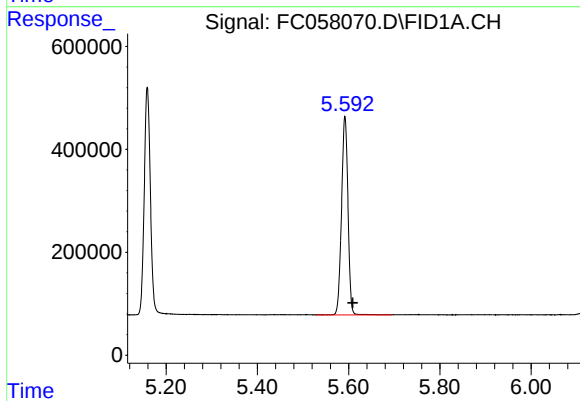
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 3771585
Conc: 23.47 ug/ml



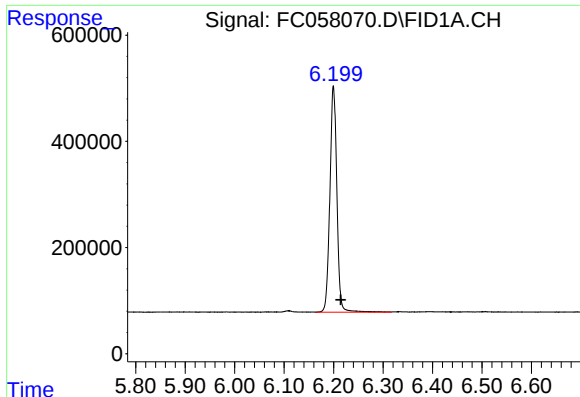
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.016 min
Response: 4212382
Conc: 23.20 ug/ml



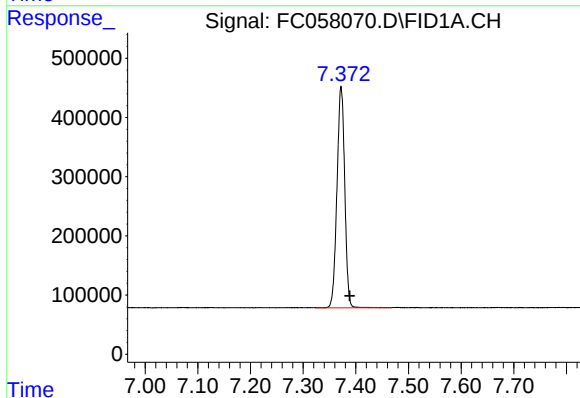
#4 n-Dodecane (C12)

R.T.: 5.592 min
Delta R.T.: -0.017 min
Response: 3783623
Conc: 23.46 ug/ml



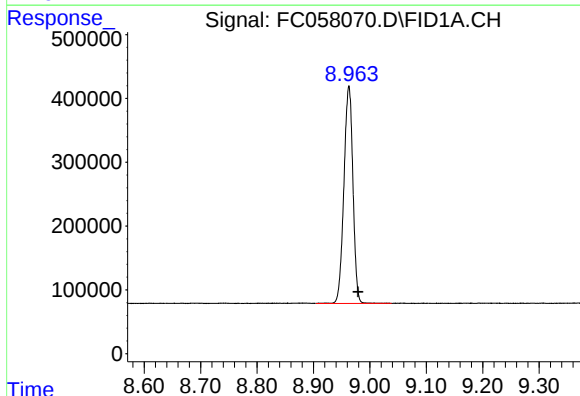
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.200 min
Delta R.T.: -0.015 min
Response: 4185826
Conc: 22.89 ug/ml



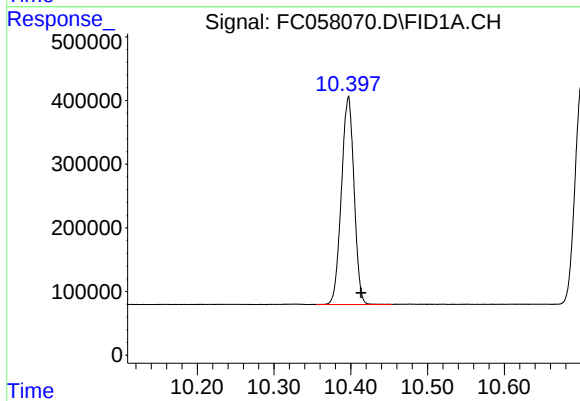
#6 n-Tetradecane (C14)

R.T.: 7.372 min
Delta R.T.: -0.017 min
Response: 3838461
Conc: 23.25 ug/ml



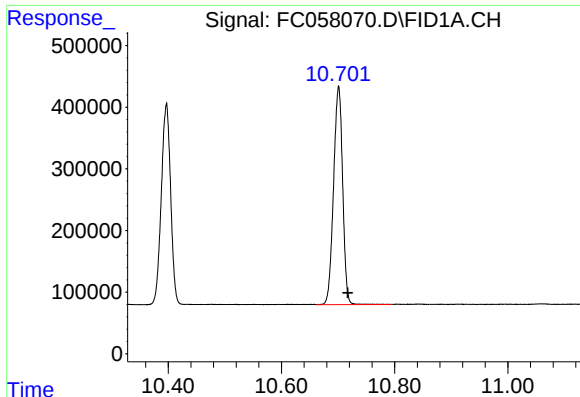
#7 n-Hexadecane (C16)

R.T.: 8.962 min
Delta R.T.: -0.017 min
Response: 3790666
Conc: 22.69 ug/ml



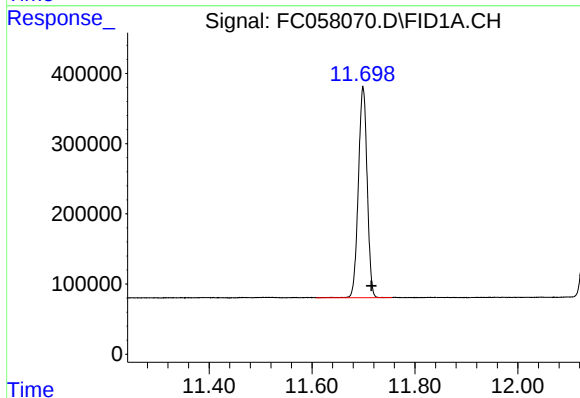
#8 n-Octadecane (C18)

R.T.: 10.396 min
Delta R.T.: -0.017 min
Response: 3745187
Conc: 21.76 ug/ml



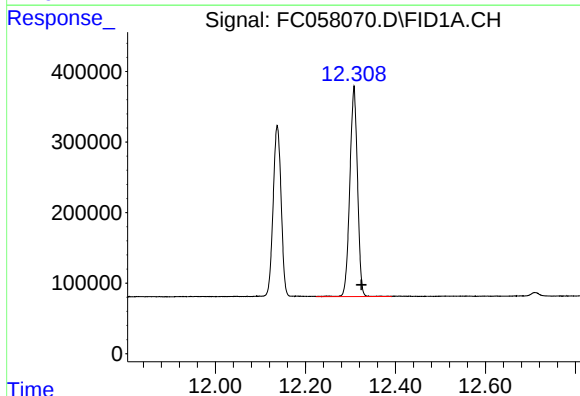
#9 ortho-Terphenyl (SURR)

R.T.: 10.701 min
Delta R.T.: -0.017 min
Response: 3954214
Conc: 20.45 ug/ml



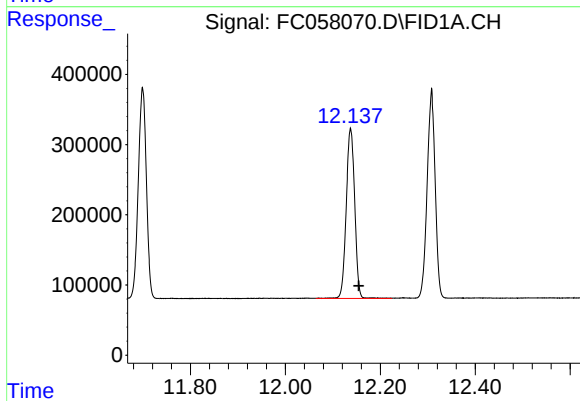
#10 n-Eicosane (C20)

R.T.: 11.699 min
Delta R.T.: -0.016 min
Response: 3566990
Conc: 20.84 ug/ml



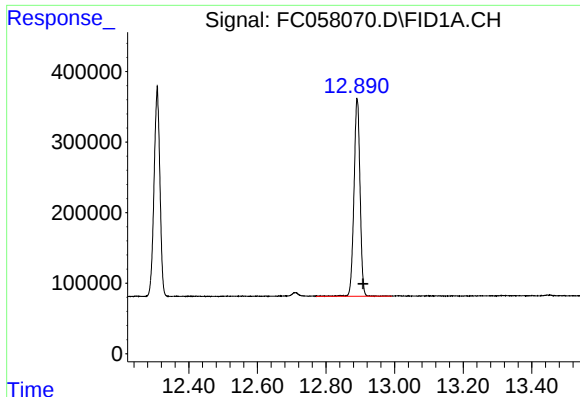
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.017 min
Response: 3528971
Conc: 20.41 ug/ml



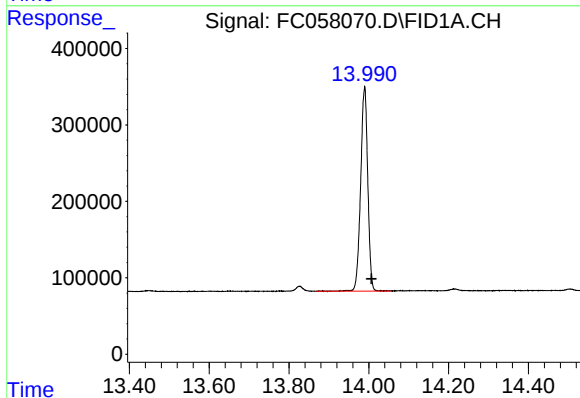
#12 1-chlorooctadecane (SURR)

R.T.: 12.138 min
Delta R.T.: -0.017 min
Response: 3010452
Conc: 20.43 ug/ml



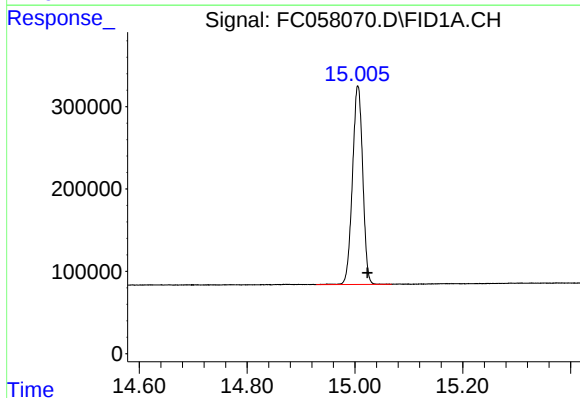
#13 n-Docosane (C22)

R.T.: 12.891 min
Delta R.T.: -0.017 min
Response: 3446677
Conc: 19.92 ug/ml



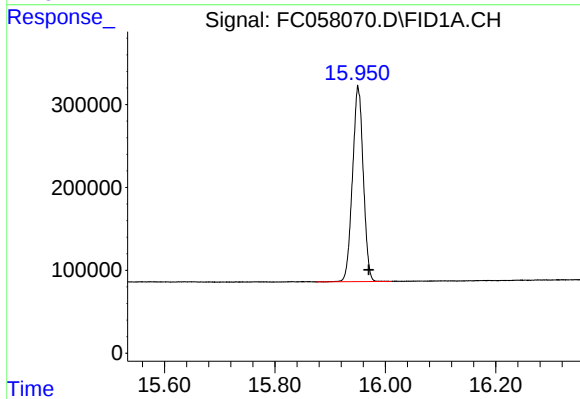
#14 n-Tetracosane (C24)

R.T.: 13.989 min
Delta R.T.: -0.017 min
Response: 3320659
Conc: 19.18 ug/ml



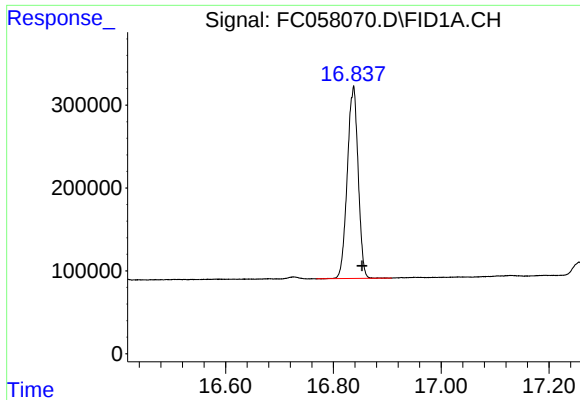
#15 n-Hexacosane (C26)

R.T.: 15.005 min
Delta R.T.: -0.018 min
Response: 3192376
Conc: 18.97 ug/ml



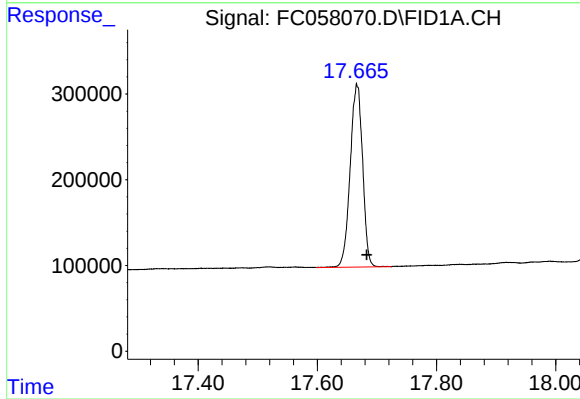
#16 n-Octacosane (C28)

R.T.: 15.951 min
Delta R.T.: -0.019 min
Response: 3192286
Conc: 19.51 ug/ml



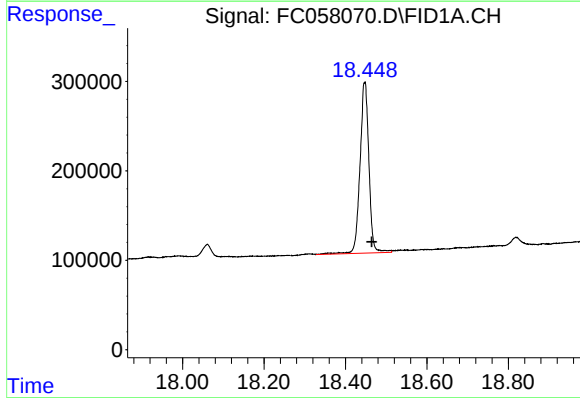
#17 n-Tricontane (C30)

R.T.: 16.836 min
Delta R.T.: -0.017 min
Response: 3235464
Conc: 20.72 ug/ml



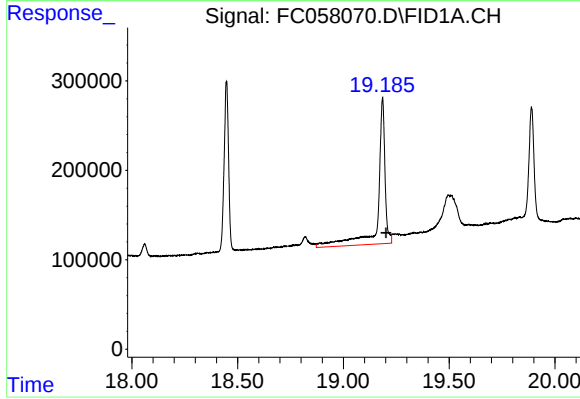
#18 n-Dotriacontane (C32)

R.T.: 17.666 min
Delta R.T.: -0.017 min
Response: 3080714
Conc: 22.10 ug/ml



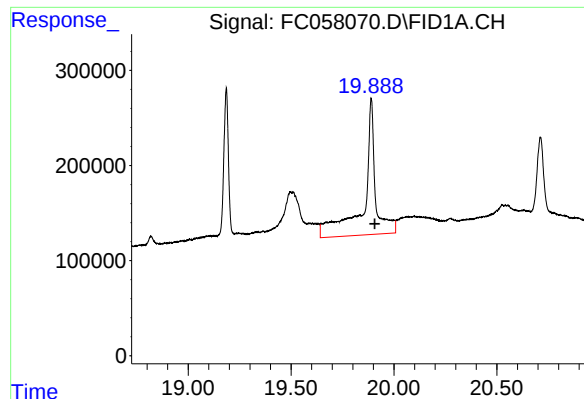
#19 n-Tetratriacontane (C34)

R.T.: 18.447 min
Delta R.T.: -0.017 min
Response: 2918663
Conc: 23.48 ug/ml



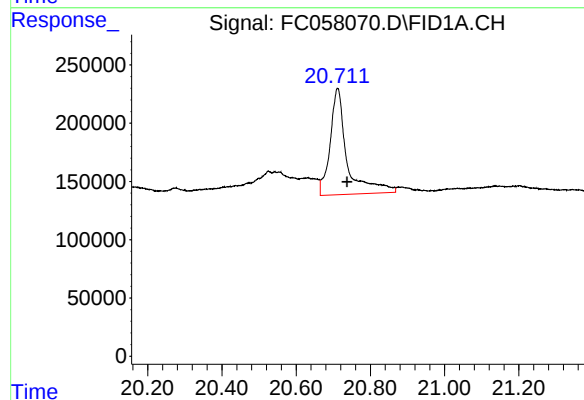
#20 n-Hexatriacontane (C36)

R.T.: 19.185 min
Delta R.T.: -0.017 min
Response: 3869567
Conc: 34.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.889 min
Delta R.T.: -0.018 min
Response: 5772309
Conc: 55.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.711 min
Delta R.T.: -0.026 min
Response: 2900244
Conc: 30.29 ug/ml