

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012422AL\
 Data File : FC058073.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jan 2022 12:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 24 12:53:01 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	4226291	21.857 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
12) S 1-chlorooctadecane (S...	12.143	3199216	21.706 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T n-Nonane (C9)	2.632	3895415	24.360 ug/ml
2) T n-Decane (C10)	3.622	3981379	24.771 ug/ml
3) T A~Naphthalene (C11.7)	5.161	4449207	24.503 ug/ml
4) T n-Dodecane (C12)	5.594	4005441	24.836 ug/ml
5) T A~2-methylnaphthalene...	6.203	4447246	24.320 ug/ml
6) T n-Tetradecane (C14)	7.375	4088558	24.765 ug/ml
7) T n-Hexadecane (C16)	8.966	4050528	24.249 ug/ml
8) T n-Octadecane (C18)	10.401	4025553	23.392 ug/ml
10) T n-Eicosane (C20)	11.704	3809528	22.253 ug/ml
11) T n-Heneicosane (C21)	12.313	3758230	21.734 ug/ml
13) T n-Docosane (C22)	12.897	3671111	21.220 ug/ml
14) T n-Tetracosane (C24)	13.995	3554330	20.532 ug/ml
15) T n-Hexacosane (C26)	15.013	3433211	20.401 ug/ml
16) T n-Octacosane (C28)	15.960	3474976	21.235 ug/ml
17) T n-Tricontane (C30)	16.845	3526972	22.591 ug/ml
18) T n-Dotriacontane (C32)	17.675	3328916	23.876 ug/ml
19) T n-Tetratriacontane (C34)	18.457	2997077	24.114 ug/ml
20) T n-Hexatriacontane (C36)	19.194	2532780	22.781 ug/ml
21) T n-Octatriacontane (C38)	19.899	2074885	19.891 ug/ml
22) T n-Tetracontane (C40)	20.725	2015048	21.044 ug/ml

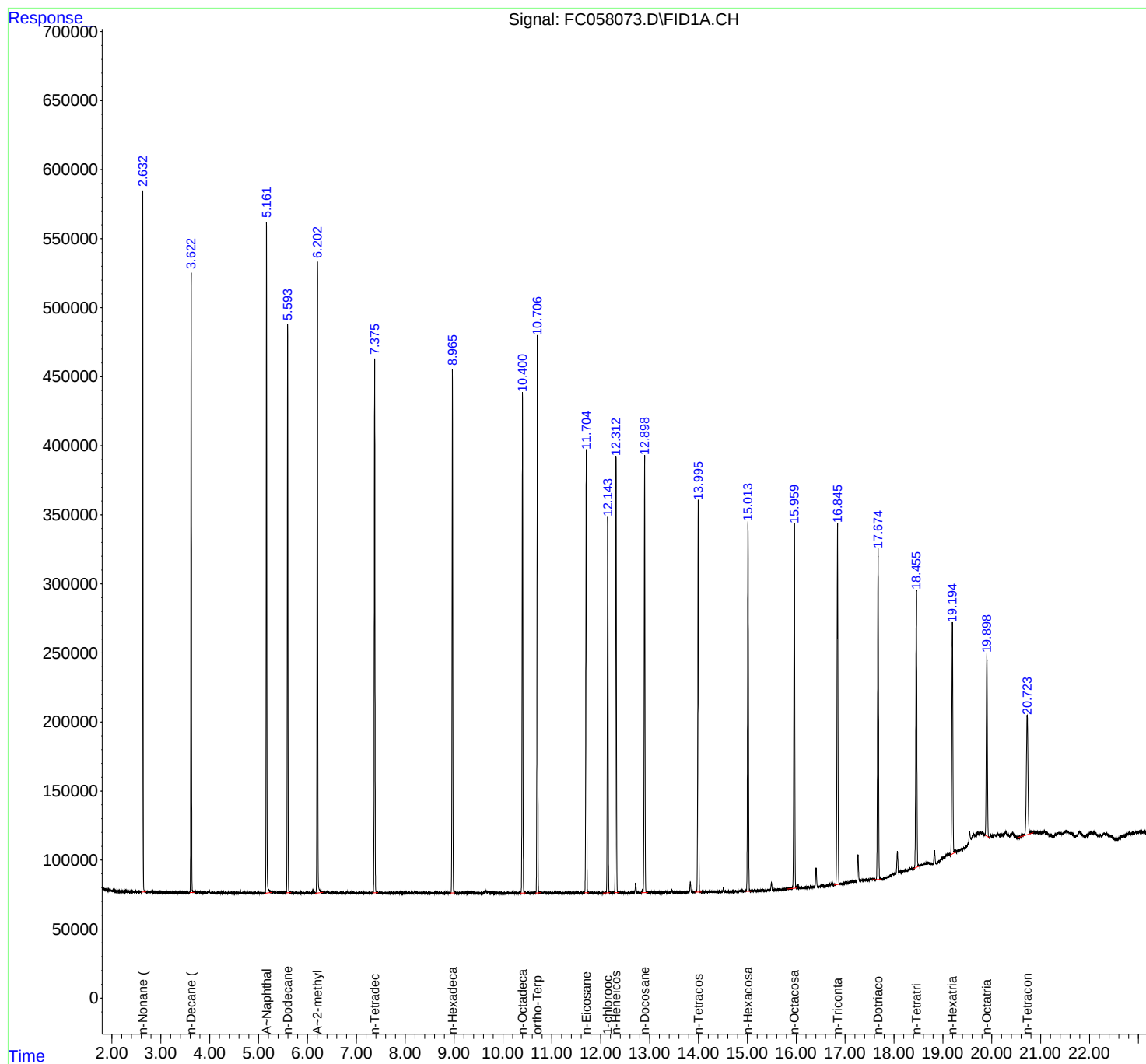
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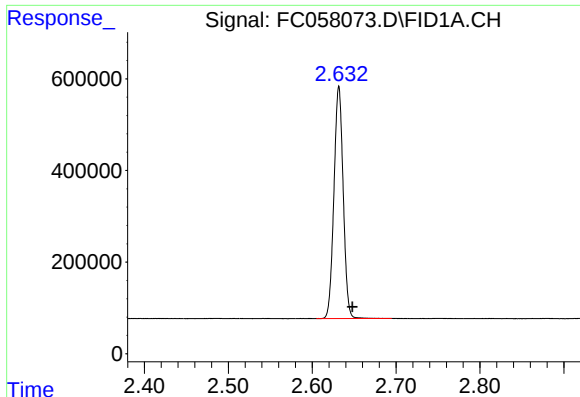
(m)=manual int.

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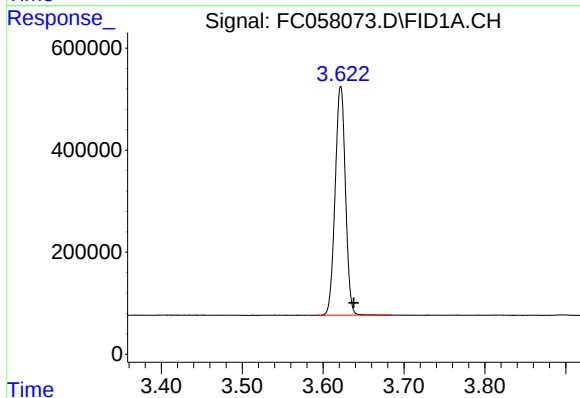
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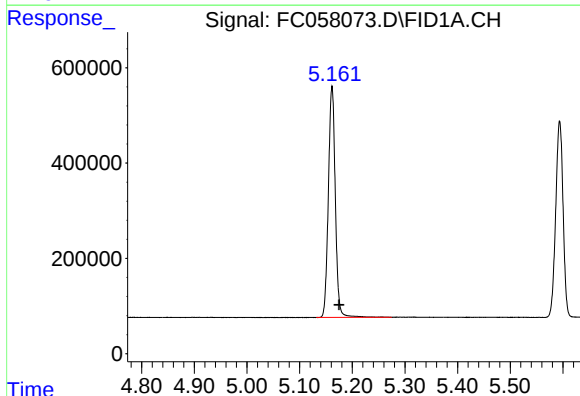
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.016 min
Response: 3895415
Conc: 24.36 ug/ml



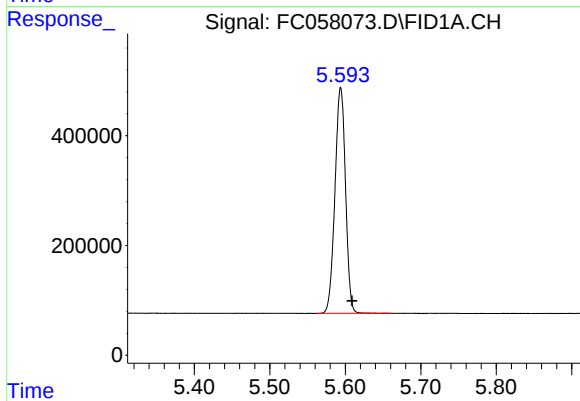
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.016 min
Response: 3981379
Conc: 24.77 ug/ml



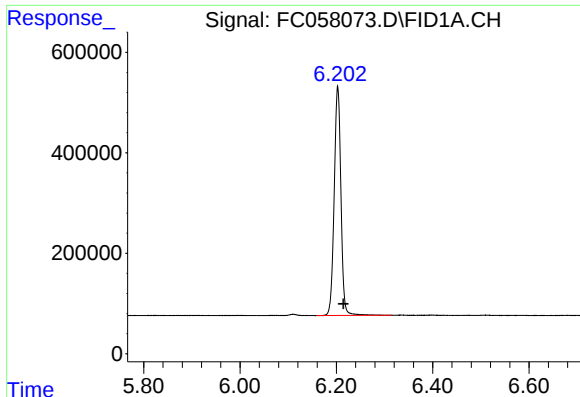
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.013 min
Response: 4449207
Conc: 24.50 ug/ml



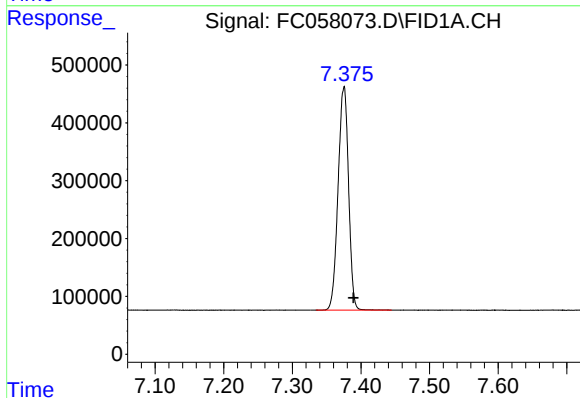
#4 n-Dodecane (C12)

R.T.: 5.594 min
Delta R.T.: -0.015 min
Response: 4005441
Conc: 24.84 ug/ml



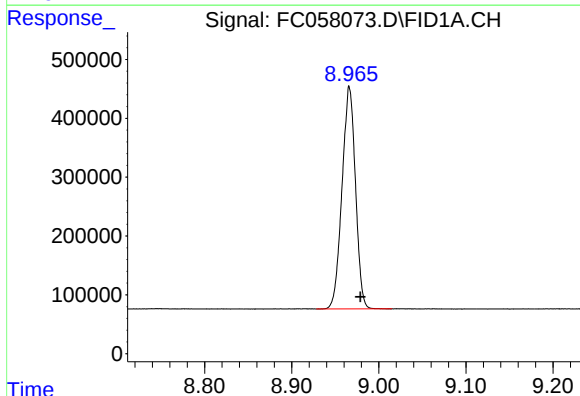
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.203 min
Delta R.T.: -0.012 min
Response: 4447246
Conc: 24.32 ug/ml



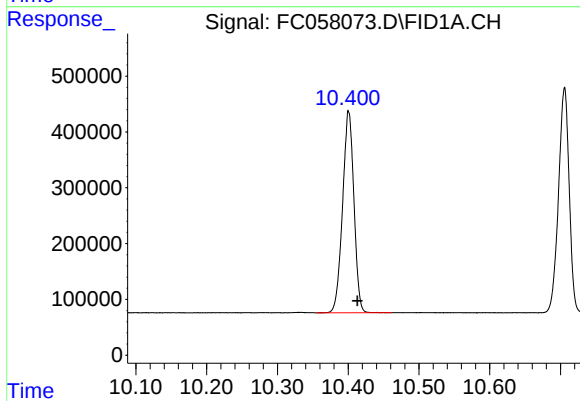
#6 n-Tetradecane (C14)

R.T.: 7.375 min
Delta R.T.: -0.014 min
Response: 4088558
Conc: 24.77 ug/ml



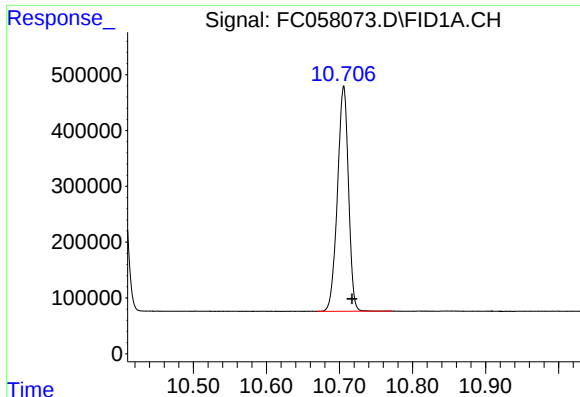
#7 n-Hexadecane (C16)

R.T.: 8.966 min
Delta R.T.: -0.013 min
Response: 4050528
Conc: 24.25 ug/ml



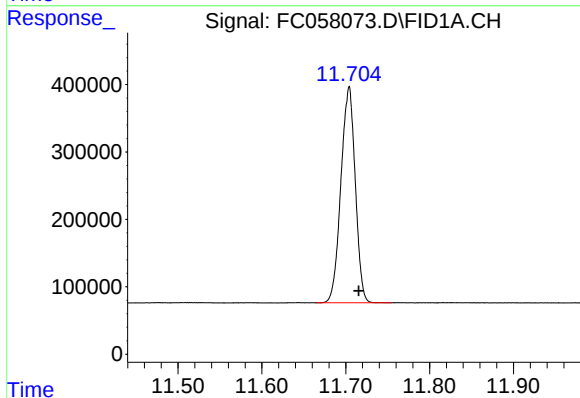
#8 n-Octadecane (C18)

R.T.: 10.401 min
Delta R.T.: -0.012 min
Response: 4025553
Conc: 23.39 ug/ml



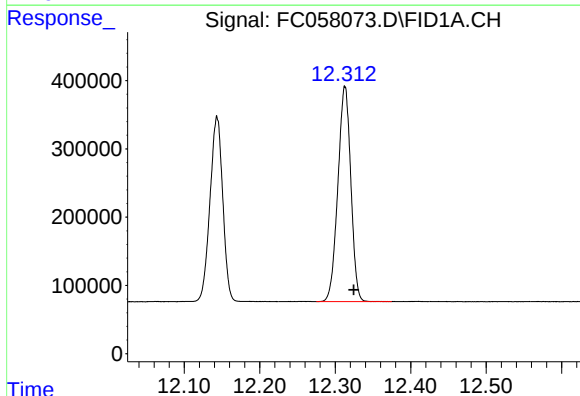
#9 ortho-Terphenyl (SURR)

R.T.: 10.706 min
Delta R.T.: -0.012 min
Response: 4226291
Conc: 21.86 ug/ml



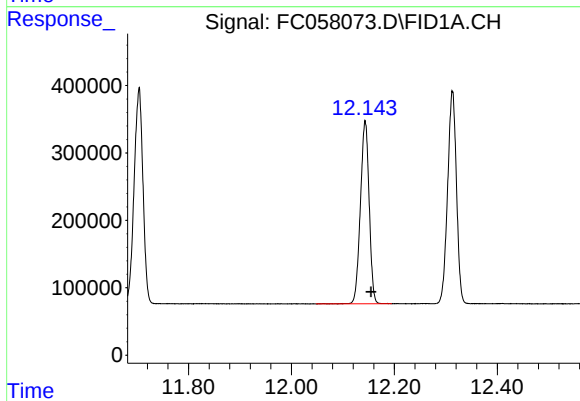
#10 n-Eicosane (C20)

R.T.: 11.704 min
Delta R.T.: -0.012 min
Response: 3809528
Conc: 22.25 ug/ml



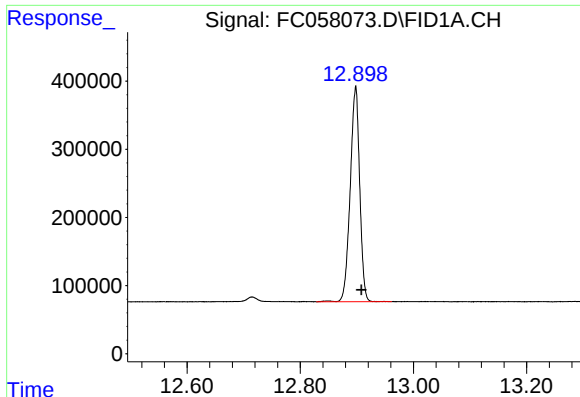
#11 n-Heneicosane (C21)

R.T.: 12.313 min
Delta R.T.: -0.012 min
Response: 3758230
Conc: 21.73 ug/ml



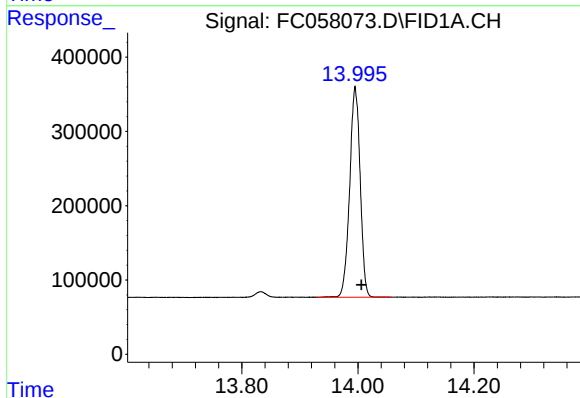
#12 1-chlorooctadecane (SURR)

R.T.: 12.143 min
Delta R.T.: -0.011 min
Response: 3199216
Conc: 21.71 ug/ml



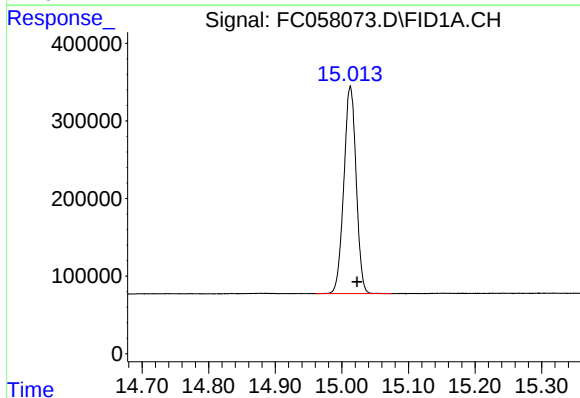
#13 n-Docosane (C22)

R.T.: 12.897 min
Delta R.T.: -0.010 min
Response: 3671111
Conc: 21.22 ug/ml



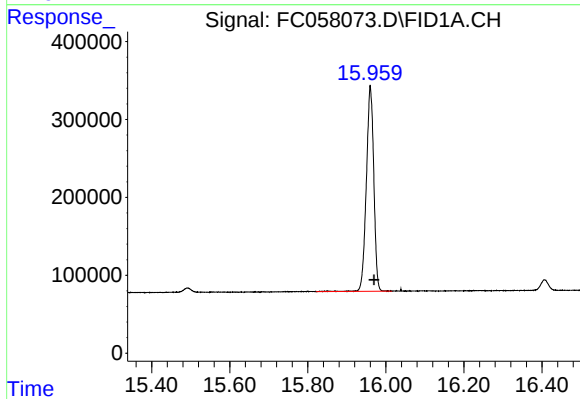
#14 n-Tetracosane (C24)

R.T.: 13.995 min
Delta R.T.: -0.011 min
Response: 3554330
Conc: 20.53 ug/ml



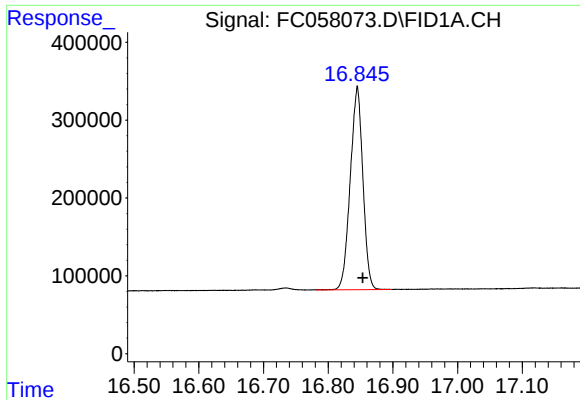
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.010 min
Response: 3433211
Conc: 20.40 ug/ml



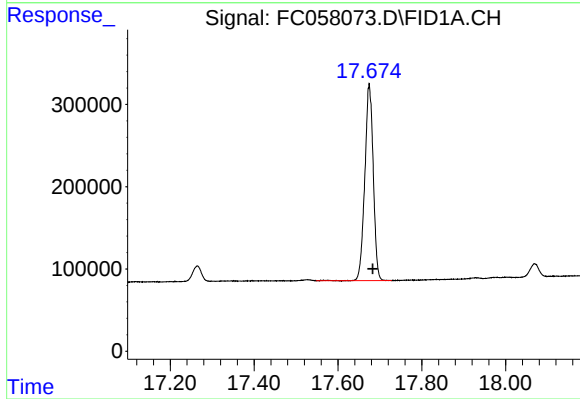
#16 n-Octacosane (C28)

R.T.: 15.960 min
Delta R.T.: -0.009 min
Response: 3474976
Conc: 21.23 ug/ml



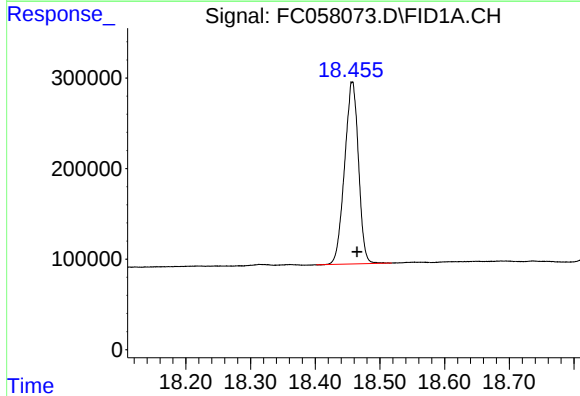
#17 n-Tricontane (C30)

R.T.: 16.845 min
Delta R.T.: -0.009 min
Response: 3526972
Conc: 22.59 ug/ml



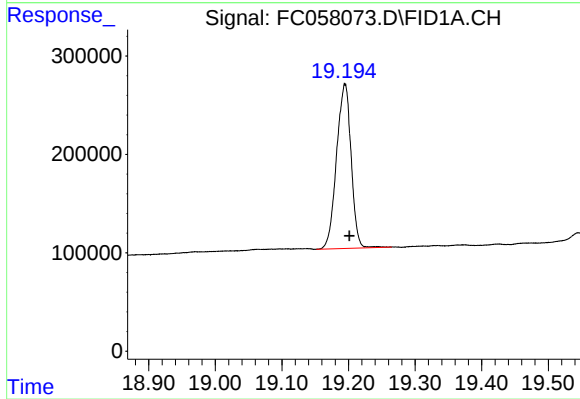
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: -0.008 min
Response: 3328916
Conc: 23.88 ug/ml



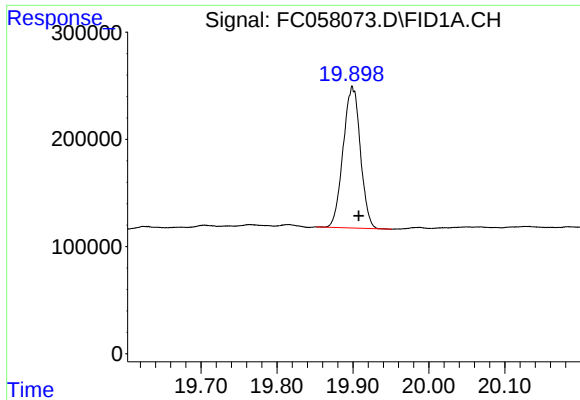
#19 n-Tetratriacontane (C34)

R.T.: 18.457 min
Delta R.T.: -0.007 min
Response: 2997077
Conc: 24.11 ug/ml



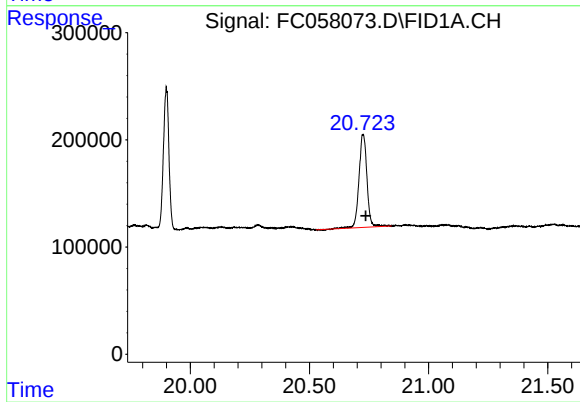
#20 n-Hexatriacontane (C36)

R.T.: 19.194 min
Delta R.T.: -0.007 min
Response: 2532780
Conc: 22.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.899 min
Delta R.T.: -0.008 min
Response: 2074885
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.725 min
Delta R.T.: -0.012 min
Response: 2015048
Conc: 21.04 ug/ml