

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052222AL\
 Data File : FC059883.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2022 18:44
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 23 01:20:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.645	3190016	21.724 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
12) S 1-chlorooctadecane (S...	12.016	2513158	21.838 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
Target Compounds			
1) T n-Nonane (C9)	2.627	2917436	22.846 ug/ml
2) T n-Decane (C10)	3.625	2914353	23.012 ug/ml
3) T A~Naphthalene (C11.7)	5.159	3347506	22.734 ug/ml
4) T n-Dodecane (C12)	5.577	3010098	22.889 ug/ml
5) T A~2-methylnaphthalene...	6.183	3388703	22.543 ug/ml
6) T n-Tetradecane (C14)	7.328	3069691	22.813 ug/ml
7) T n-Hexadecane (C16)	8.892	3101824	22.606 ug/ml
8) T n-Octadecane (C18)	10.302	3082629	22.369 ug/ml
10) T n-Eicosane (C20)	11.581	2965919	22.052 ug/ml
11) T n-Heneicosane (C21)	12.179	2916058	21.859 ug/ml
13) T n-Docosane (C22)	12.752	2857065	21.770 ug/ml
14) T n-Tetracosane (C24)	13.830	2793710	22.204 ug/ml
15) T n-Hexacosane (C26)	14.828	2594191	21.721 ug/ml
16) T n-Octacosane (C28)	15.755	2493789	21.905 ug/ml
17) T n-Tricontane (C30)	16.622	2433323	22.136 ug/ml
18) T n-Dotriacontane (C32)	17.434	2296851	22.217 ug/mlm
19) T n-Tetratriacontane (C34)	18.200	2054623	21.045 ug/mlm
20) T n-Hexatriacontane (C36)	18.921	1753247	18.886 ug/mlm
21) T n-Octatriacontane (C38)	19.604	1591475	16.718 ug/mlm
22) T n-Tetracontane (C40)	20.253	1433898	15.147 ug/mlm

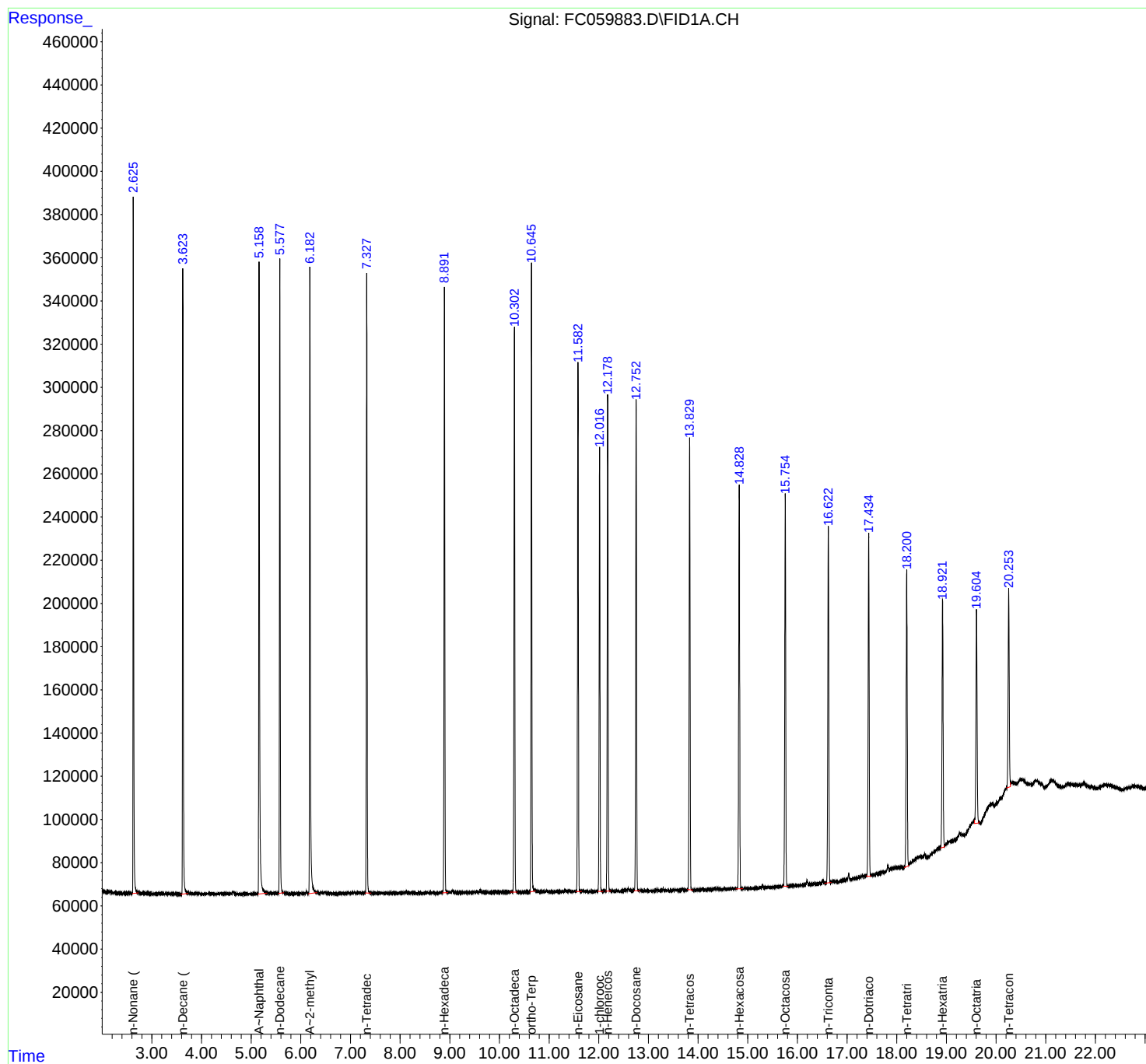
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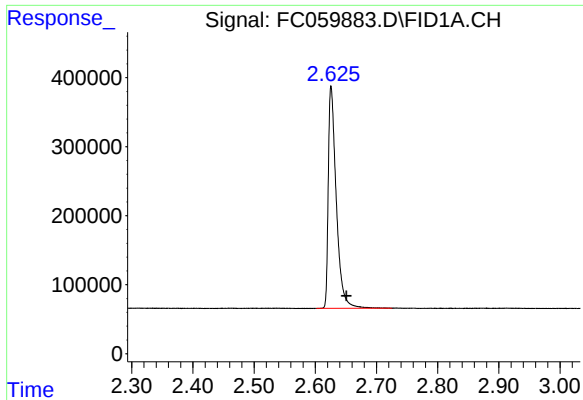
(m)=manual int.

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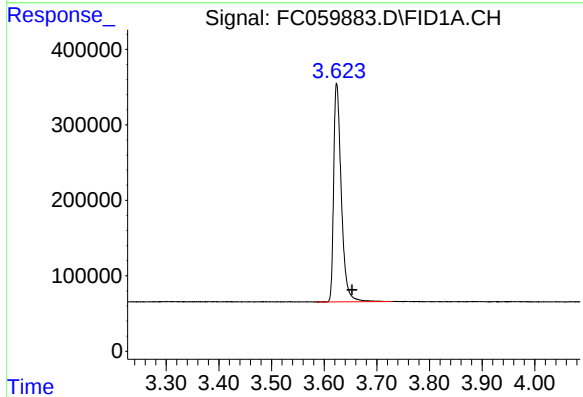
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





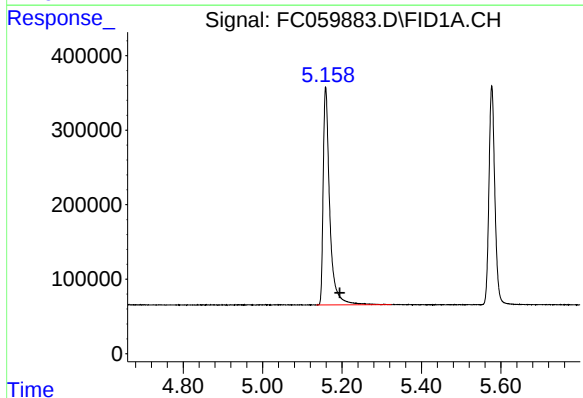
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.024 min
Response: 2917436
Conc: 22.85 ug/ml



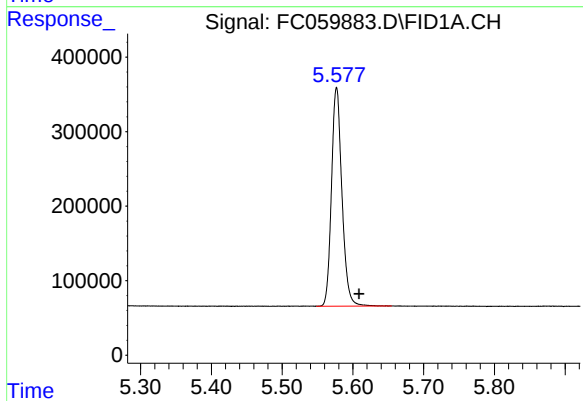
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.028 min
Response: 2914353
Conc: 23.01 ug/ml



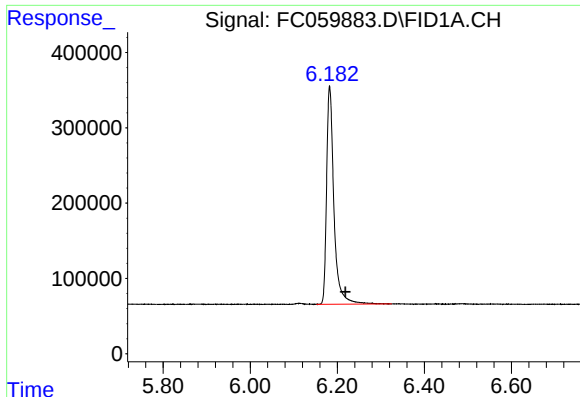
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.035 min
Response: 3347506
Conc: 22.73 ug/ml



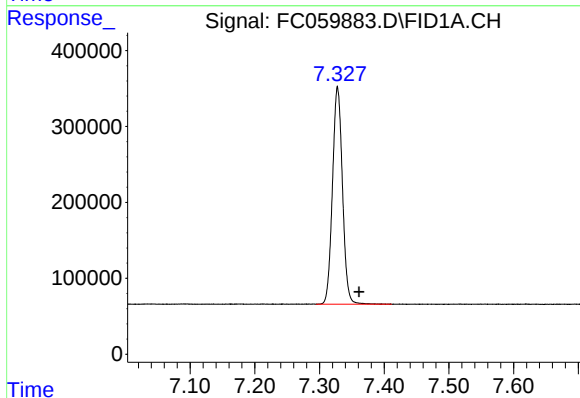
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.032 min
Response: 3010098
Conc: 22.89 ug/ml



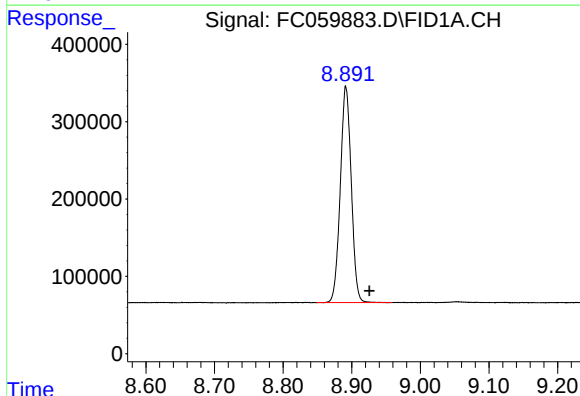
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.183 min
Delta R.T.: -0.036 min
Response: 3388703
Conc: 22.54 ug/ml



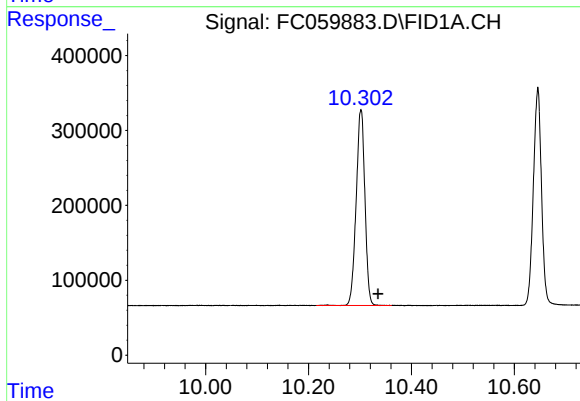
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.033 min
Response: 3069691
Conc: 22.81 ug/ml



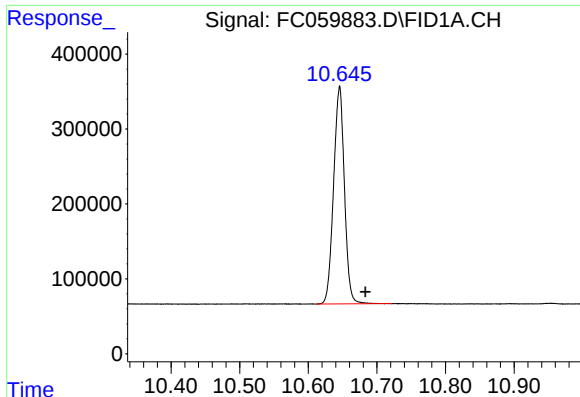
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.034 min
Response: 3101824
Conc: 22.61 ug/ml



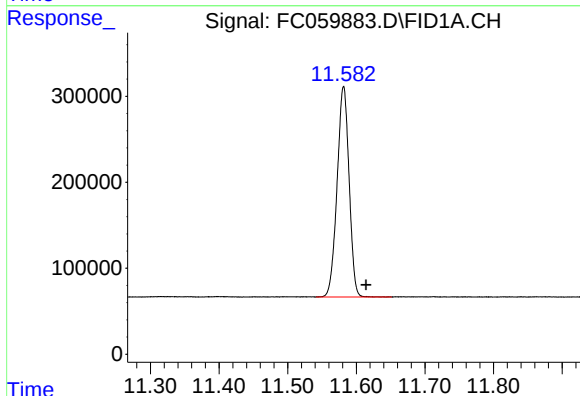
#8 n-Octadecane (C18)

R.T.: 10.302 min
Delta R.T.: -0.034 min
Response: 3082629
Conc: 22.37 ug/ml



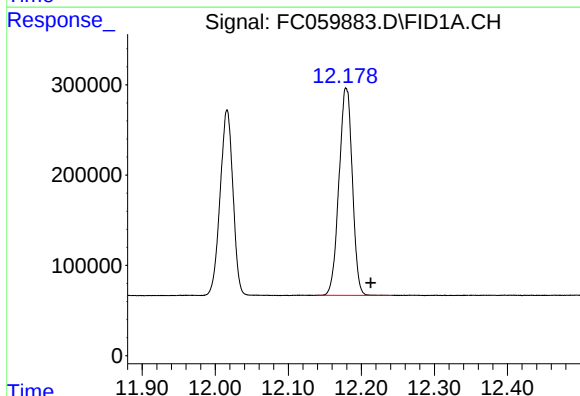
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: -0.038 min
Response: 3190016
Conc: 21.72 ug/ml



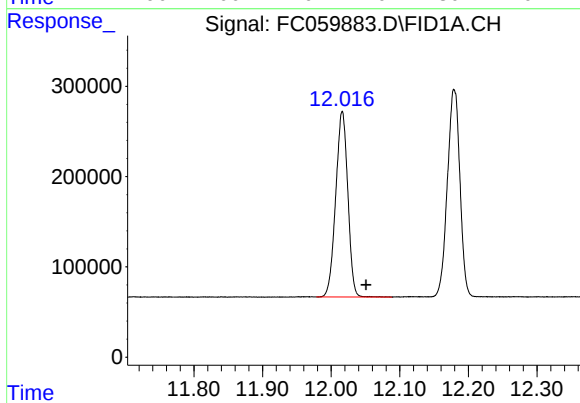
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.033 min
Response: 2965919
Conc: 22.05 ug/ml



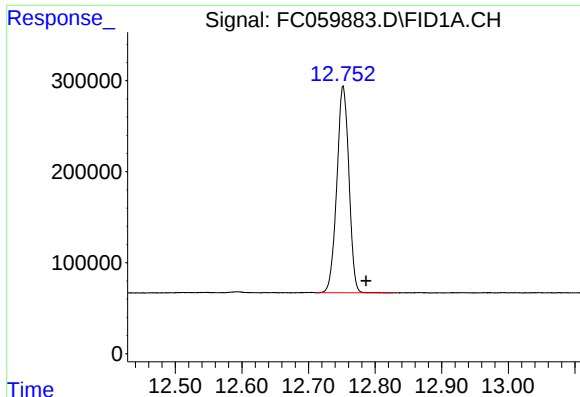
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.034 min
Response: 2916058
Conc: 21.86 ug/ml



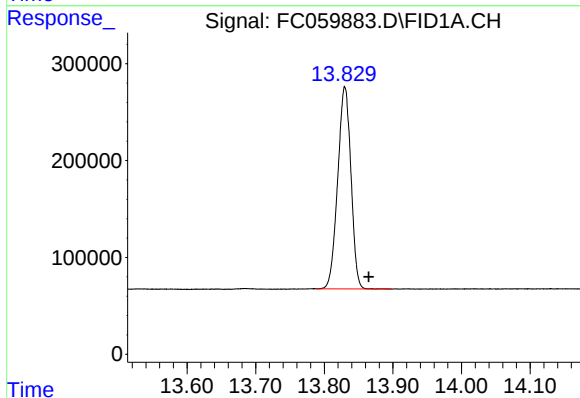
#12 1-chlorooctadecane (SURR)

R.T.: 12.016 min
Delta R.T.: -0.035 min
Response: 2513158
Conc: 21.84 ug/ml



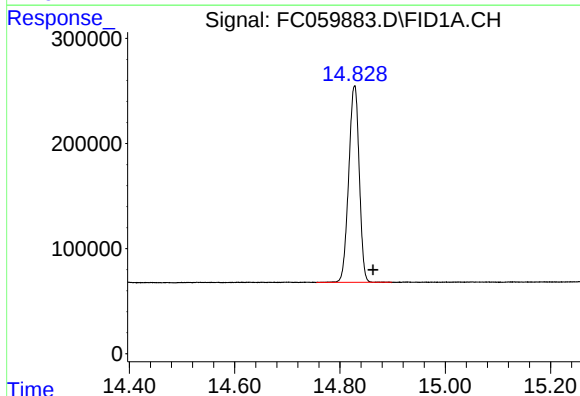
#13 n-Docosane (C22)

R.T.: 12.752 min
Delta R.T.: -0.034 min
Response: 2857065
Conc: 21.77 ug/ml



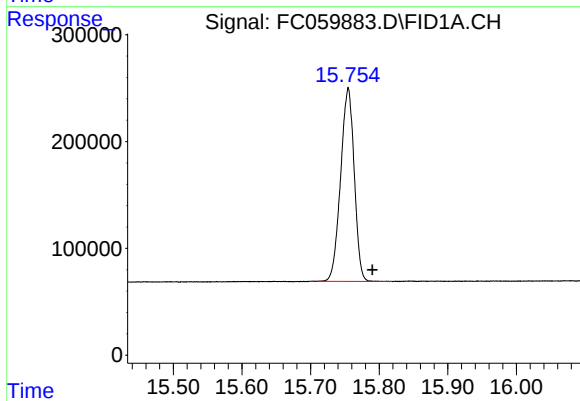
#14 n-Tetracosane (C24)

R.T.: 13.830 min
Delta R.T.: -0.035 min
Response: 2793710
Conc: 22.20 ug/ml



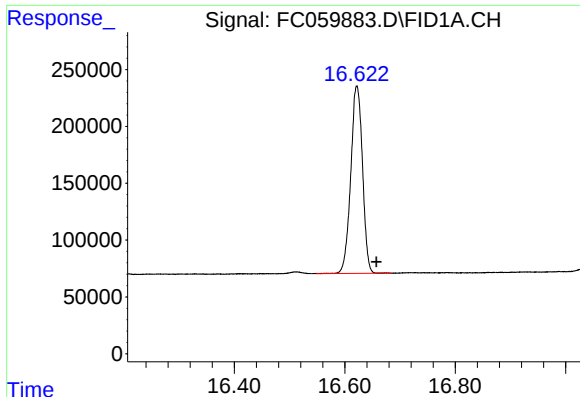
#15 n-Hexacosane (C26)

R.T.: 14.828 min
Delta R.T.: -0.035 min
Response: 2594191
Conc: 21.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.755 min
Delta R.T.: -0.036 min
Response: 2493789
Conc: 21.90 ug/ml



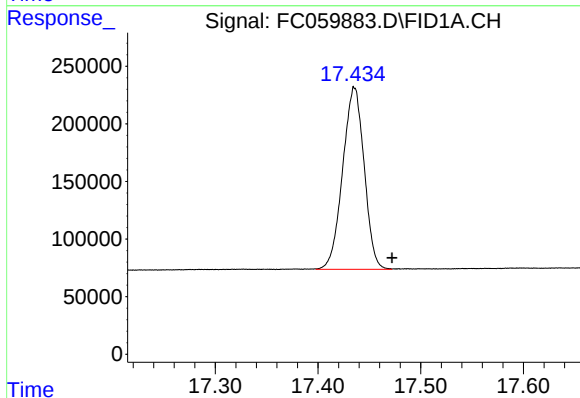
#17 n-Tricontane (C30)

R.T.: 16.622 min

Delta R.T.: -0.035 min

Response: 2433323

Conc: 22.14 ug/ml



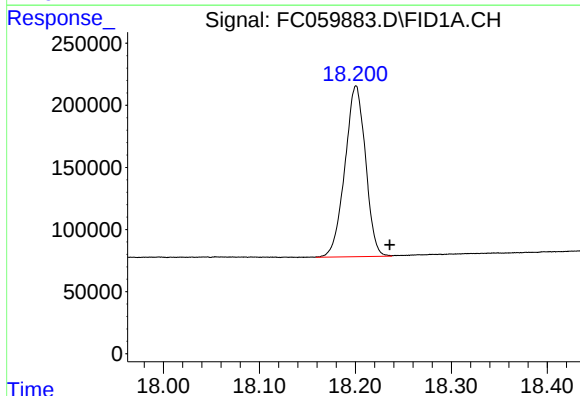
#18 n-Dotriacontane (C32)

R.T.: 17.434 min

Delta R.T.: -0.038 min

Response: 2296851

Conc: 22.22 ug/ml m



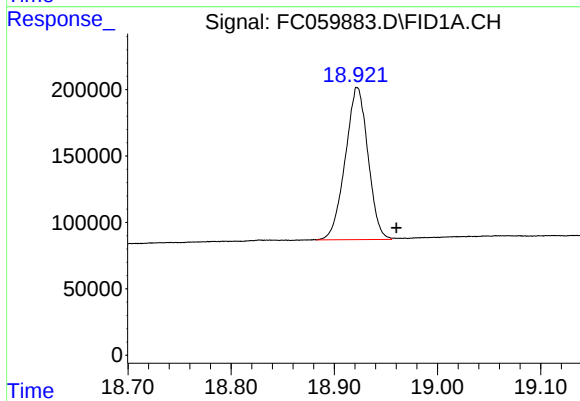
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min

Delta R.T.: -0.036 min

Response: 2054623

Conc: 21.04 ug/ml m



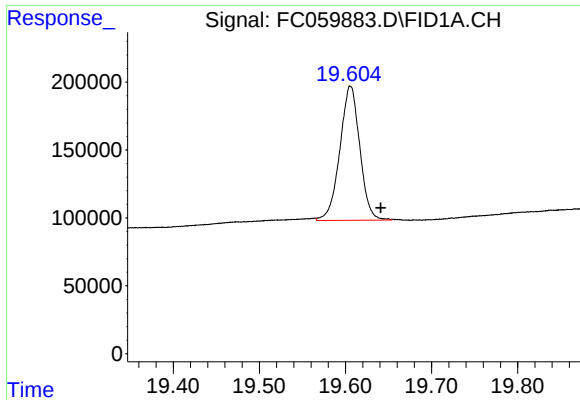
#20 n-Hexatriacontane (C36)

R.T.: 18.921 min

Delta R.T.: -0.039 min

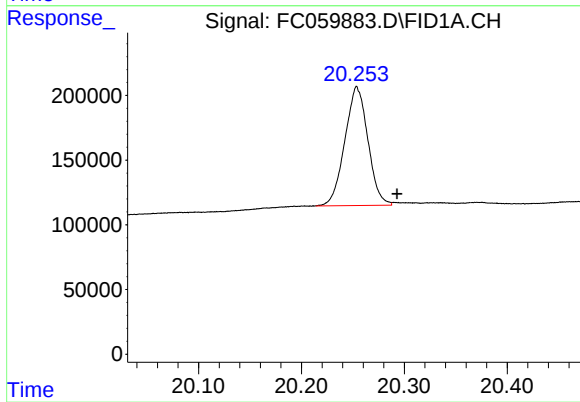
Response: 1753247

Conc: 18.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.604 min
Delta R.T.: -0.037 min
Response: 1591475
Conc: 16.72 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.040 min
Response: 1433898
Conc: 15.15 ug/ml m