

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112020AL\
 Data File : FC050905.D
 Signal(s) : FID1A.CH
 Acq On : 21 Nov 2020 9:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 21 10:54:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 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)	11.603	2496249	20.323 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.037	1939953	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.354	2339027	21.982 ug/ml
2) T n-Decane (C10)	4.424	2382058	22.398 ug/ml
3) T A~Naphthalene (C11.7)	6.017	2545652	22.105 ug/ml
4) T n-Dodecane (C12)	6.444	2436733	22.474 ug/ml
5) T A~2-methylnaphthalene...	7.075	2553914	22.260 ug/ml
6) T n-Tetradecane (C14)	8.240	2424998	22.483 ug/ml
7) T n-Hexadecane (C16)	9.840	2366454	22.230 ug/ml
8) T n-Octadecane (C18)	11.282	2431434	21.615 ug/ml
10) T n-Eicosane (C20)	12.591	2376567	20.822 ug/ml
11) T n-Heneicosane (C21)	13.203	2316545	20.306 ug/ml
13) T n-Docosane (C22)	13.789	2326891	20.389 ug/ml
14) T n-Tetracosane (C24)	14.890	2245682	19.664 ug/ml
15) T n-Hexacosane (C26)	15.910	2208345	19.477 ug/ml
16) T n-Octacosane (C28)	16.856	2218558	19.552 ug/ml
17) T n-Tricontane (C30)	17.743	2230346	20.060 ug/ml
18) T n-Dotriacontane (C32)	18.574	2102246	20.377 ug/ml
19) T n-Tetratriacontane (C34)	19.356	1935025	20.110 ug/ml
20) T n-Hexatriacontane (C36)	20.093	1799948	20.034 ug/mlm
21) T n-Octatriacontane (C38)	20.834	1610280	19.367 ug/ml
22) T n-Tetracontane (C40)	21.757	1482197	17.712 ug/ml

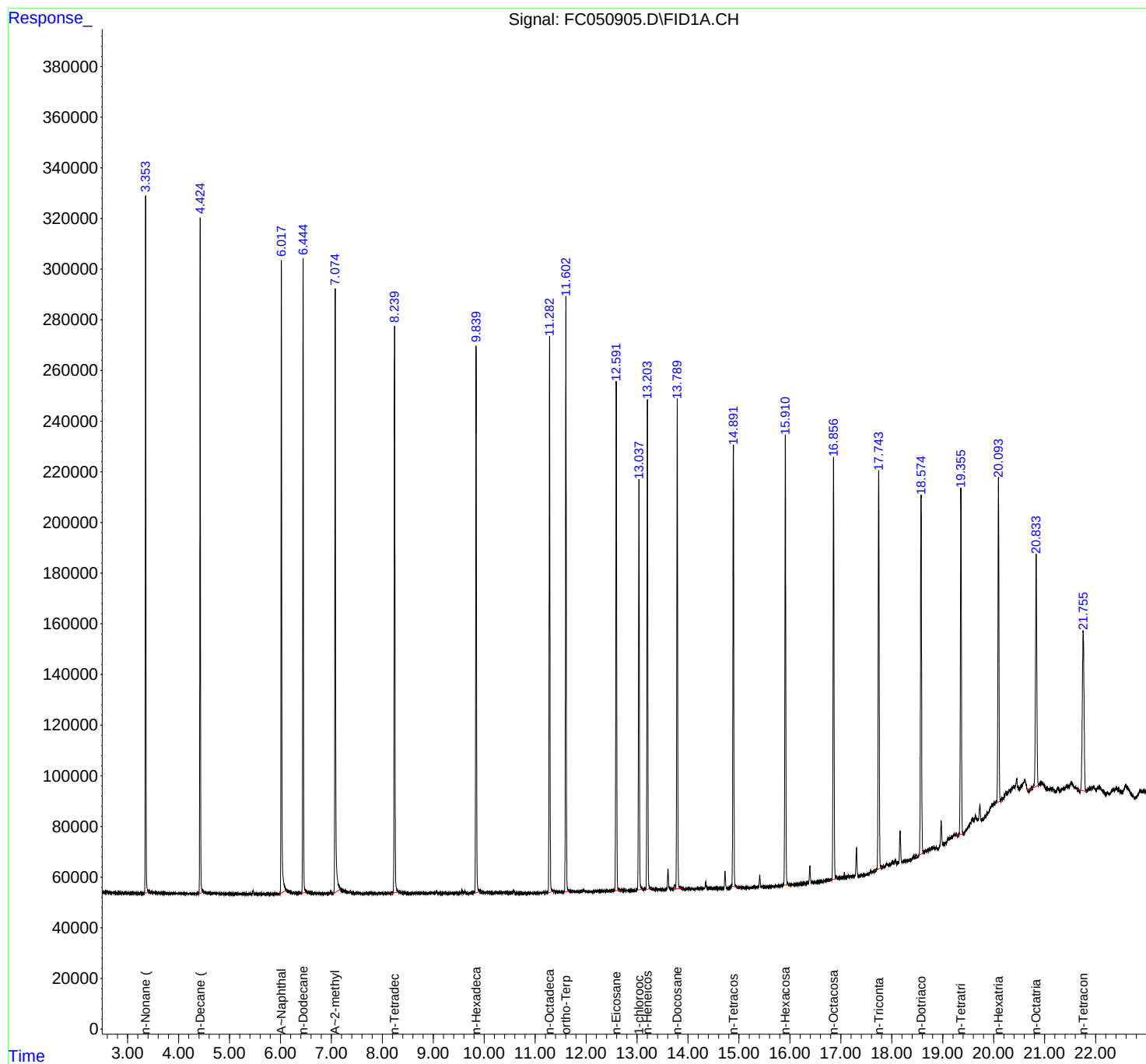
(f)=RT Delta > 1/2 Window

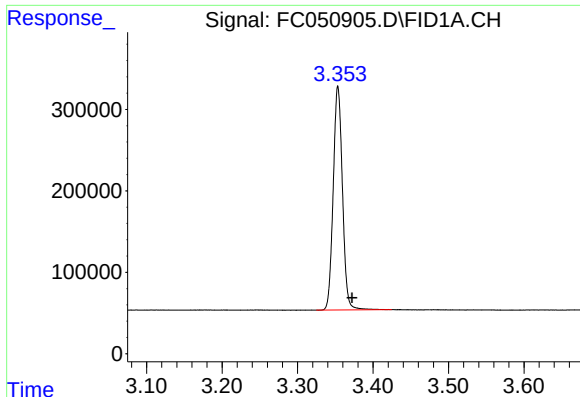
(m)=manual int.

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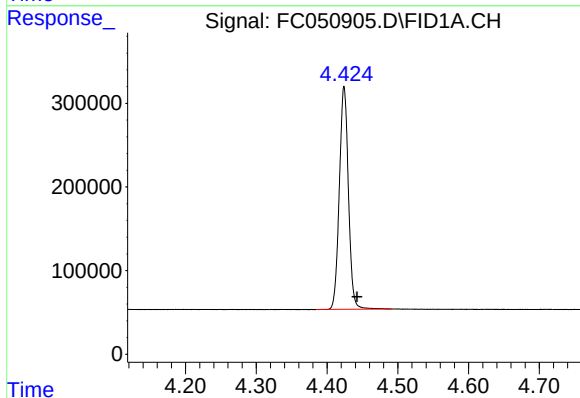
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Signal Info : 20M x 0.18mm x 0.18um





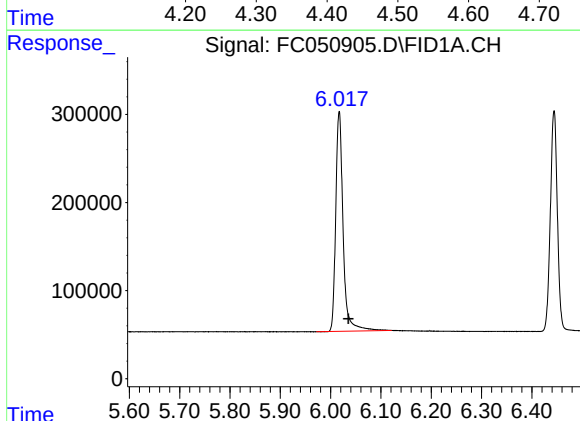
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.018 min
Response: 2339027
Conc: 21.98 ug/ml



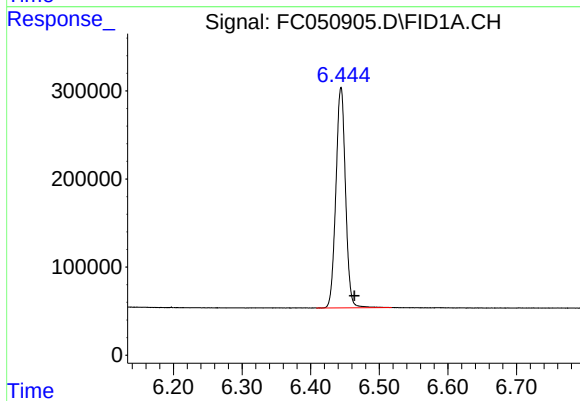
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.018 min
Response: 2382058
Conc: 22.40 ug/ml



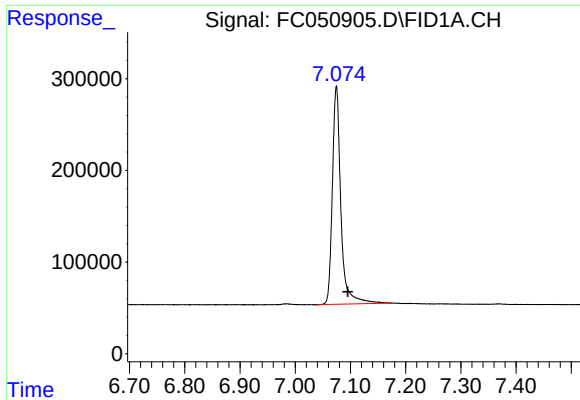
#3 A~Naphthalene (C11.7)

R.T.: 6.017 min
Delta R.T.: -0.018 min
Response: 2545652
Conc: 22.11 ug/ml



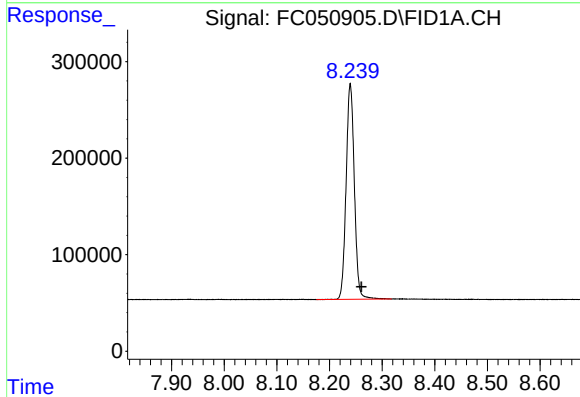
#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.020 min
Response: 2436733
Conc: 22.47 ug/ml



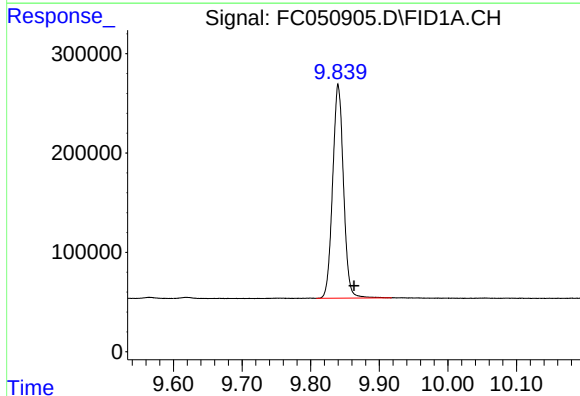
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: -0.020 min
Response: 2553914
Conc: 22.26 ug/ml



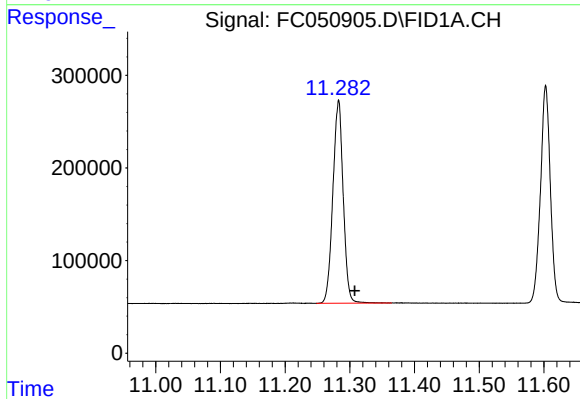
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.021 min
Response: 2424998
Conc: 22.48 ug/ml



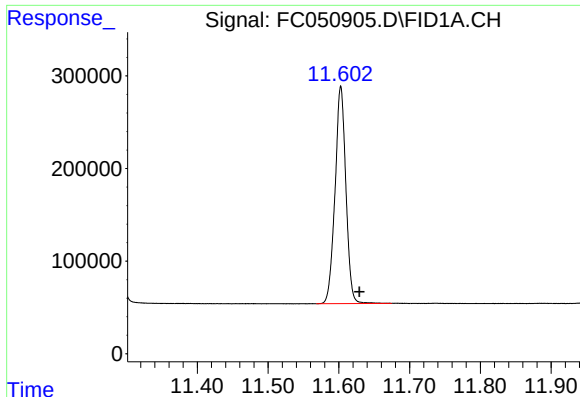
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.023 min
Response: 2366454
Conc: 22.23 ug/ml



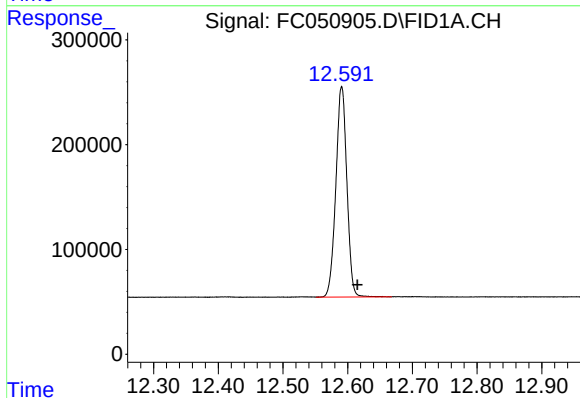
#8 n-Octadecane (C18)

R.T.: 11.282 min
Delta R.T.: -0.026 min
Response: 2431434
Conc: 21.61 ug/ml



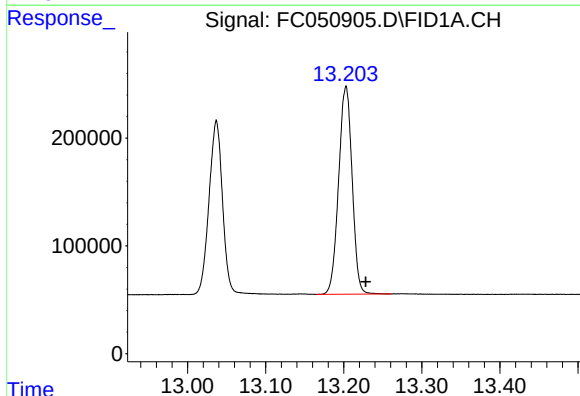
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.026 min
Response: 2496249
Conc: 20.32 ug/ml



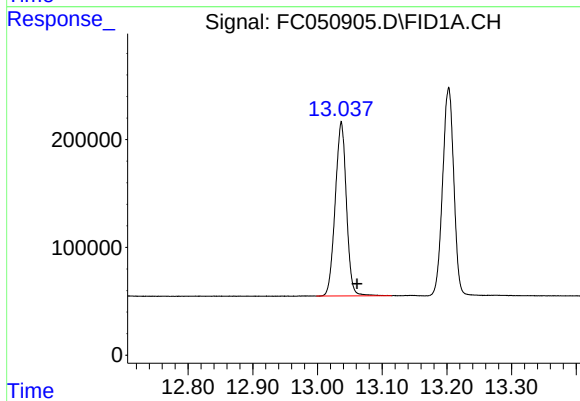
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.024 min
Response: 2376567
Conc: 20.82 ug/ml



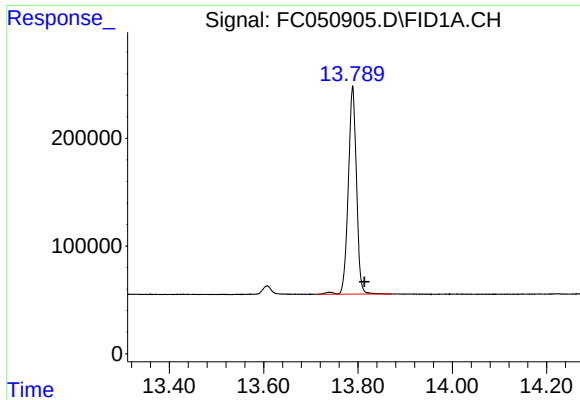
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.026 min
Response: 2316545
Conc: 20.31 ug/ml



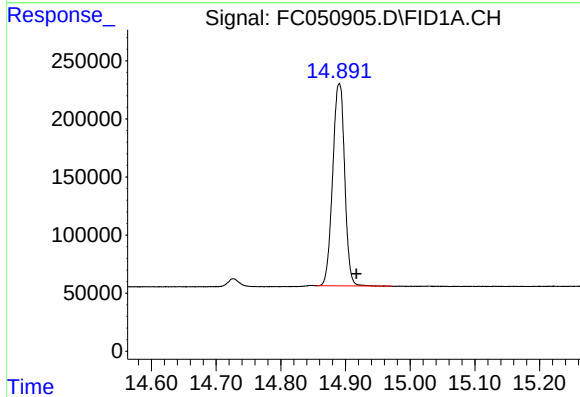
#12 1-chlorooctadecane (SURR)

R.T.: 13.037 min
Delta R.T.: -0.024 min
Response: 1939953
Conc: 20.09 ug/ml



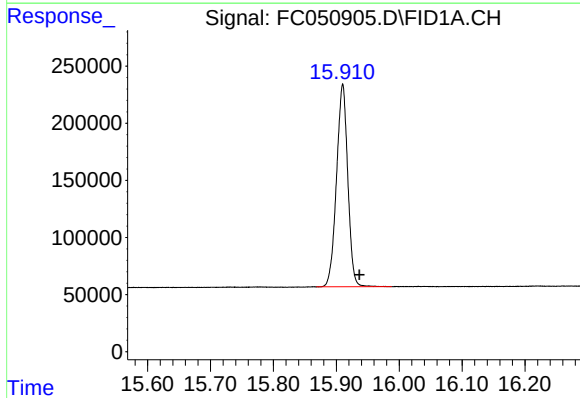
#13 n-Docosane (C22)

R.T.: 13.789 min
Delta R.T.: -0.025 min
Response: 2326891
Conc: 20.39 ug/ml



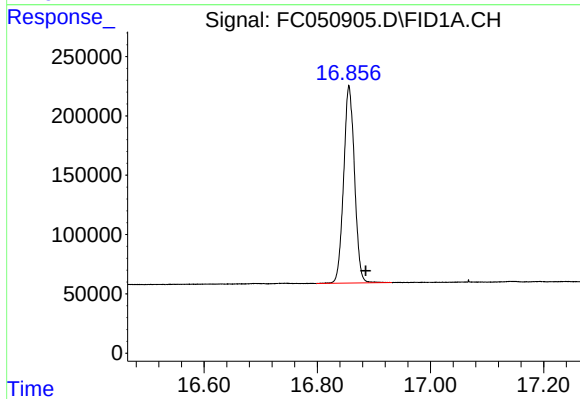
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.026 min
Response: 2245682
Conc: 19.66 ug/ml



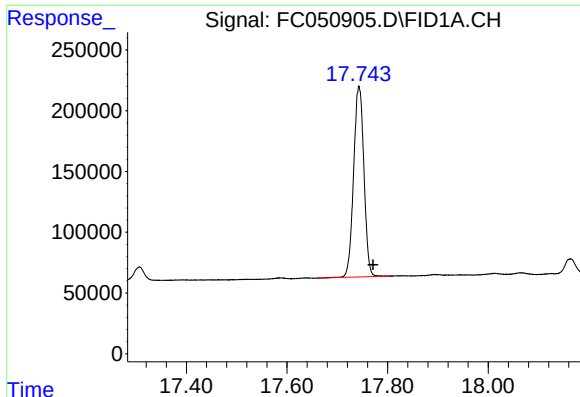
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.027 min
Response: 2208345
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.029 min
Response: 2218558
Conc: 19.55 ug/ml



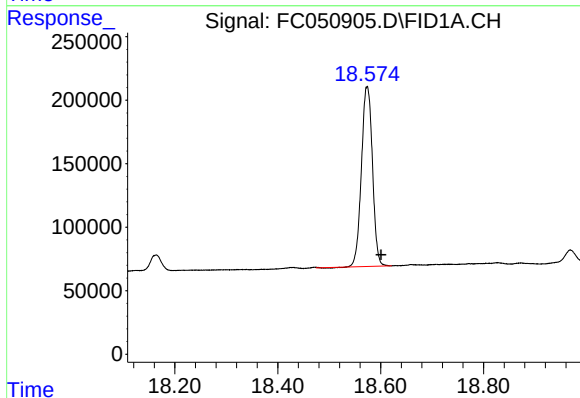
#17 n-Tricontane (C30)

R.T.: 17.743 min

Delta R.T.: -0.028 min

Response: 2230346

Conc: 20.06 ug/ml



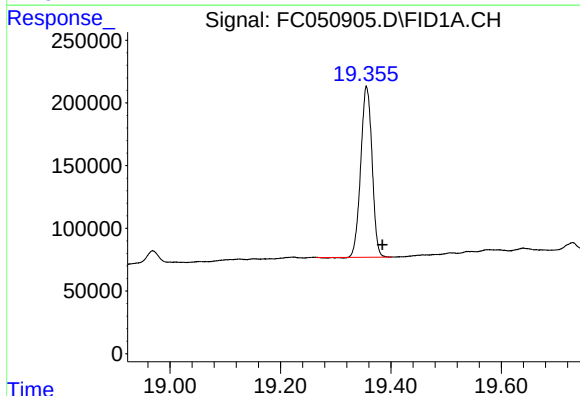
#18 n-Dotriacontane (C32)

R.T.: 18.574 min

Delta R.T.: -0.027 min

Response: 2102246

Conc: 20.38 ug/ml



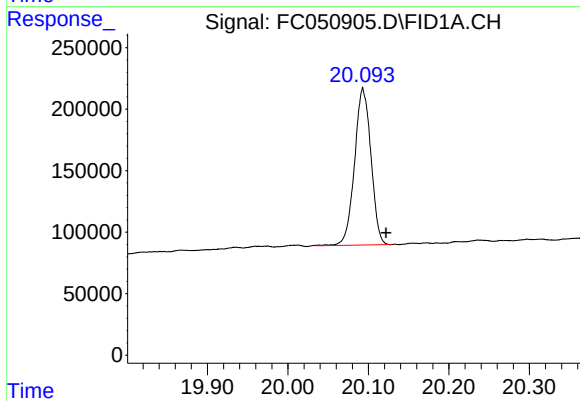
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min

Delta R.T.: -0.028 min

Response: 1935025

Conc: 20.11 ug/ml



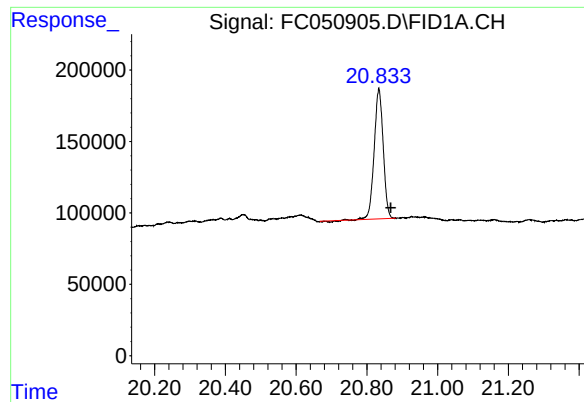
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min

Delta R.T.: -0.029 min

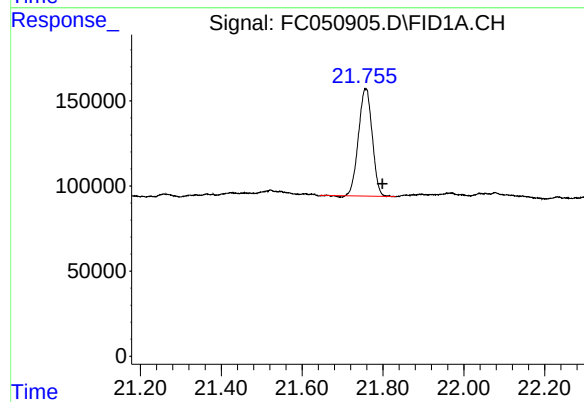
Response: 1799948

Conc: 20.03 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: -0.034 min
Response: 1610280
Conc: 19.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.757 min
Delta R.T.: -0.041 min
Response: 1482197
Conc: 17.71 ug/ml