

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112020AL\
 Data File : FC050896.D
 Signal(s) : FID1A.CH
 Acq On : 21 Nov 2020 3:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 21 04:28:37 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	2506388	20.406 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
12) S 1-chlorooctadecane (S...	13.036	1947317	20.169 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.353	2352443	22.108 ug/ml
2) T n-Decane (C10)	4.423	2391186	22.484 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2548583	22.131 ug/ml
4) T n-Dodecane (C12)	6.443	2445193	22.552 ug/ml
5) T A~2-methylnaphthalene...	7.074	2537046	22.113 ug/ml
6) T n-Tetradecane (C14)	8.239	2429801	22.527 ug/ml
7) T n-Hexadecane (C16)	9.840	2372567	22.288 ug/ml
8) T n-Octadecane (C18)	11.282	2436225	21.657 ug/ml
10) T n-Eicosane (C20)	12.591	2390884	20.948 ug/ml
11) T n-Heneicosane (C21)	13.203	2338437	20.498 ug/ml
13) T n-Docosane (C22)	13.789	2334507	20.456 ug/ml
14) T n-Tetracosane (C24)	14.890	2248707	19.691 ug/ml
15) T n-Hexacosane (C26)	15.910	2202007	19.421 ug/ml
16) T n-Octacosane (C28)	16.859	2208641	19.465 ug/ml
17) T n-Tricontane (C30)	17.745	2216437	19.935 ug/ml
18) T n-Dotriacontane (C32)	18.577	2105803	20.412 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1946817	20.232 ug/ml
20) T n-Hexatriacontane (C36)	20.098	1759996	19.590 ug/ml
21) T n-Octatriacontane (C38)	20.837	1595247	19.186 ug/ml
22) T n-Tetracontane (C40)	21.759	1555920	18.593 ug/ml

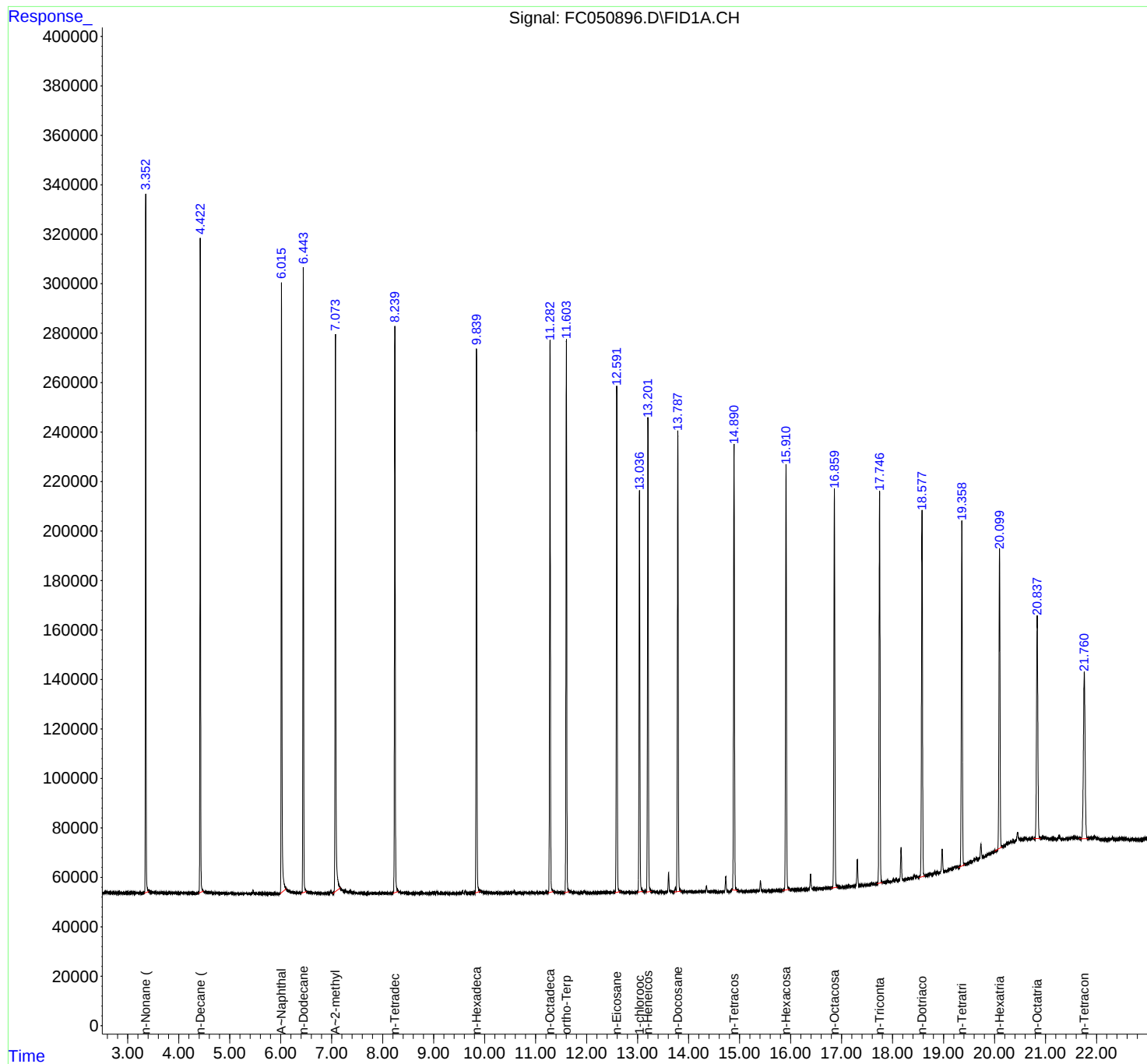
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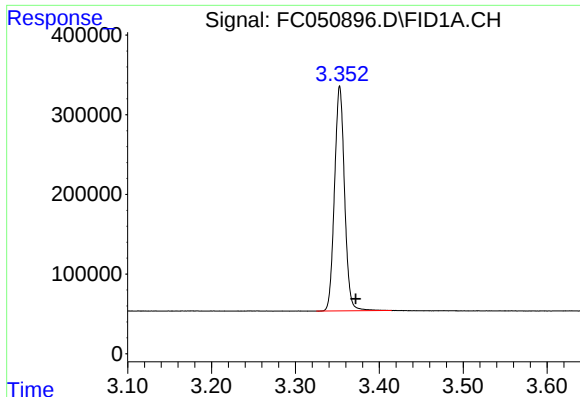
(m)=manual int.

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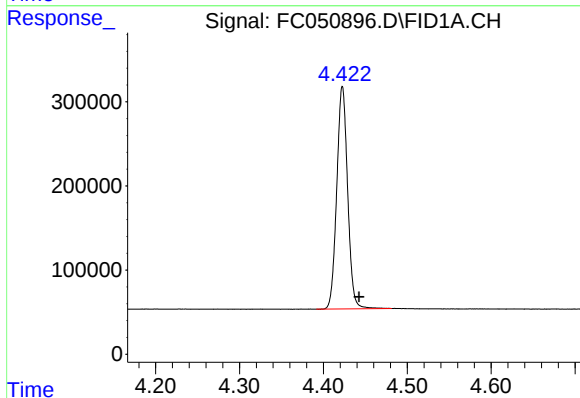
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Signal Info : 20M x 0.18mm x 0.18um





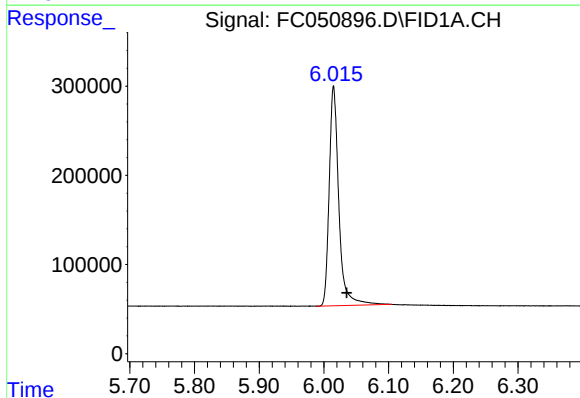
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.019 min
Response: 2352443
Conc: 22.11 ug/ml



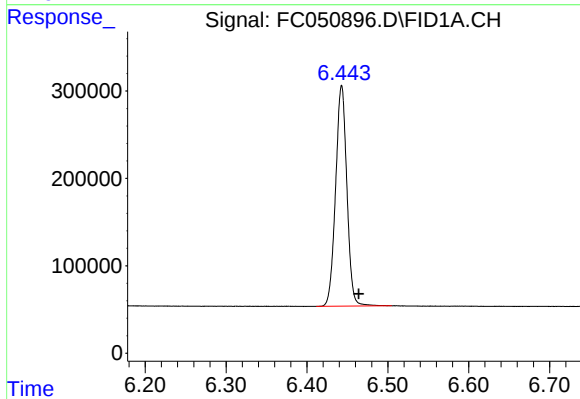
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.020 min
Response: 2391186
Conc: 22.48 ug/ml



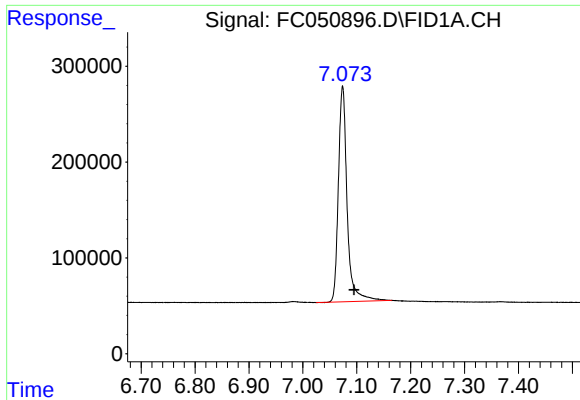
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.020 min
Response: 2548583
Conc: 22.13 ug/ml



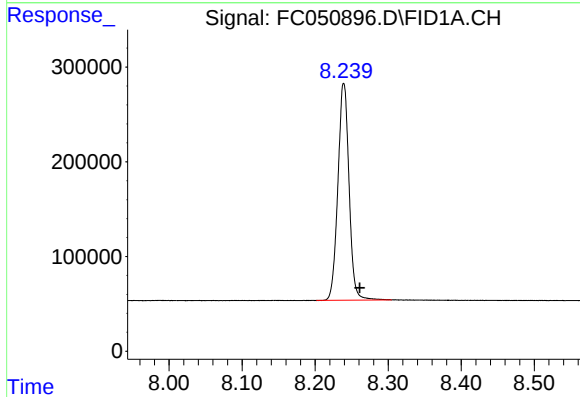
#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.021 min
Response: 2445193
Conc: 22.55 ug/ml



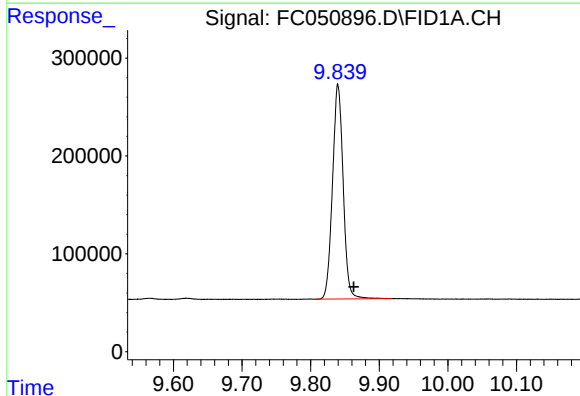
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.021 min
Response: 2537046
Conc: 22.11 ug/ml



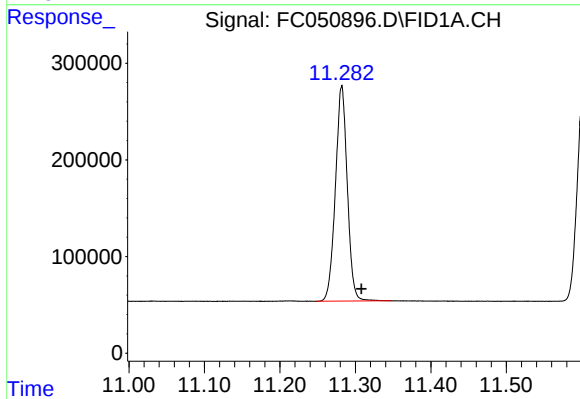
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.022 min
Response: 2429801
Conc: 22.53 ug/ml



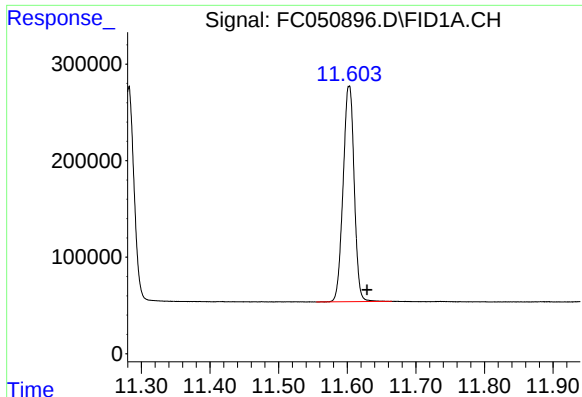
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.023 min
Response: 2372567
Conc: 22.29 ug/ml



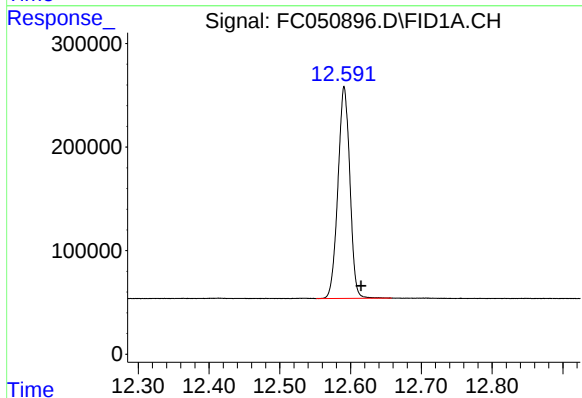
#8 n-Octadecane (C18)

R.T.: 11.282 min
Delta R.T.: -0.026 min
Response: 2436225
Conc: 21.66 ug/ml



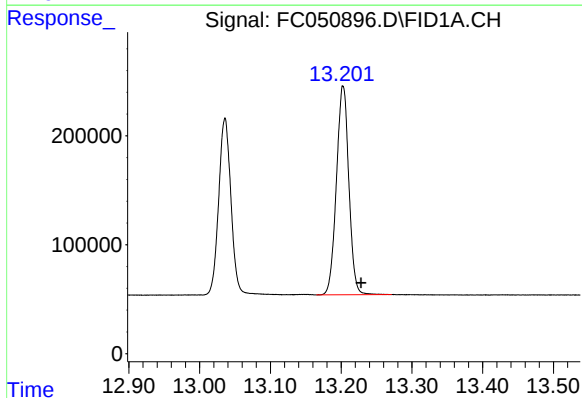
#9 ortho-Terphenyl (SURR)

R.T.: 11.603 min
Delta R.T.: -0.026 min
Response: 2506388
Conc: 20.41 ug/ml



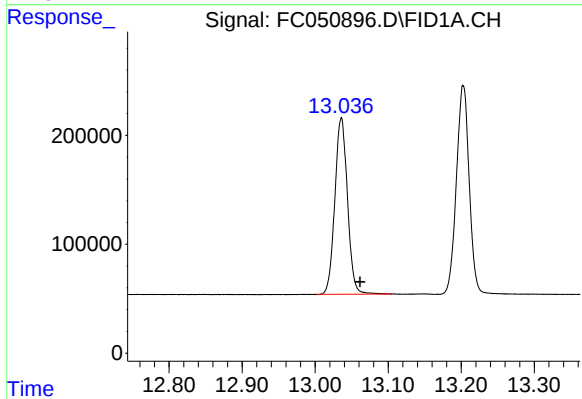
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.024 min
Response: 2390884
Conc: 20.95 ug/ml



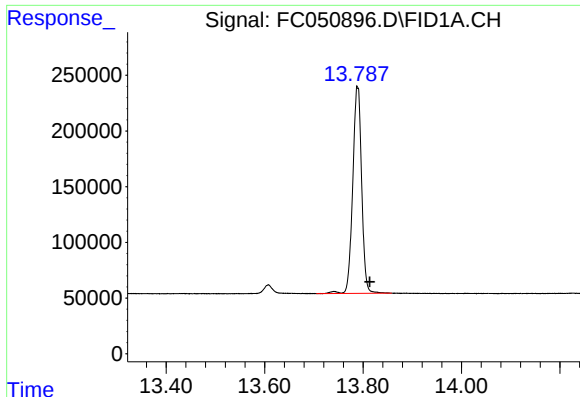
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: -0.025 min
Response: 2338437
Conc: 20.50 ug/ml



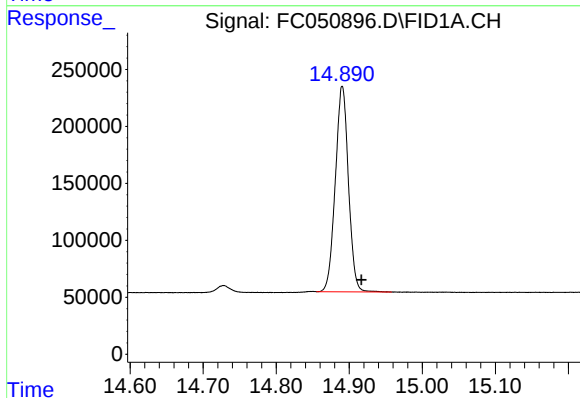
#12 1-chlorooctadecane (SURR)

R.T.: 13.036 min
Delta R.T.: -0.026 min
Response: 1947317
Conc: 20.17 ug/ml



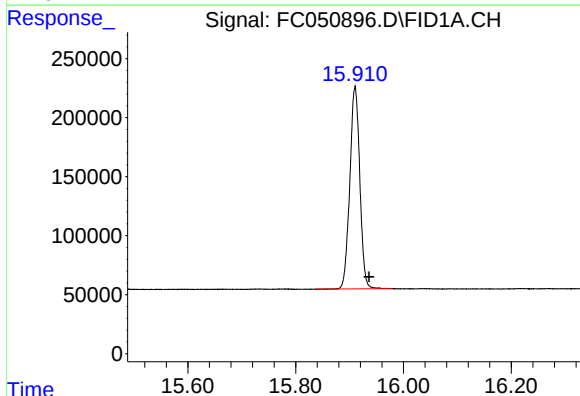
#13 n-Docosane (C22)

R.T.: 13.789 min
Delta R.T.: -0.025 min
Response: 2334507
Conc: 20.46 ug/ml



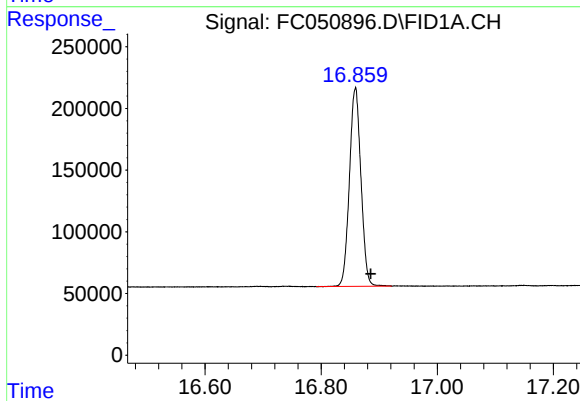
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.026 min
Response: 2248707
Conc: 19.69 ug/ml



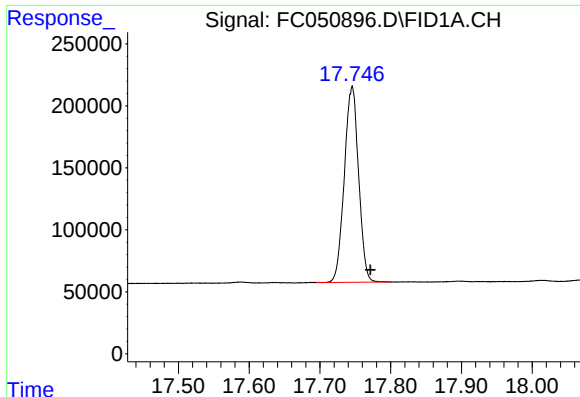
#15 n-Hexacosane (C26)

R.T.: 15.910 min
Delta R.T.: -0.026 min
Response: 2202007
Conc: 19.42 ug/ml



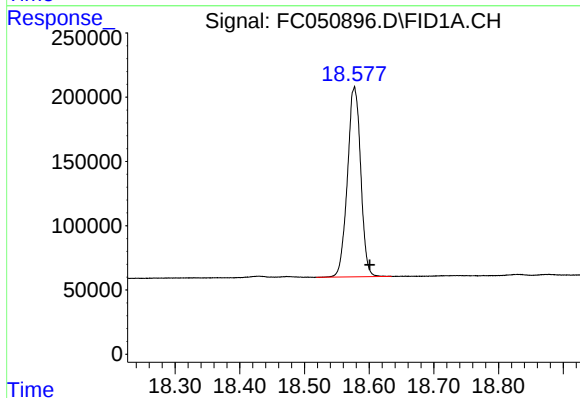
#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.027 min
Response: 2208641
Conc: 19.46 ug/ml



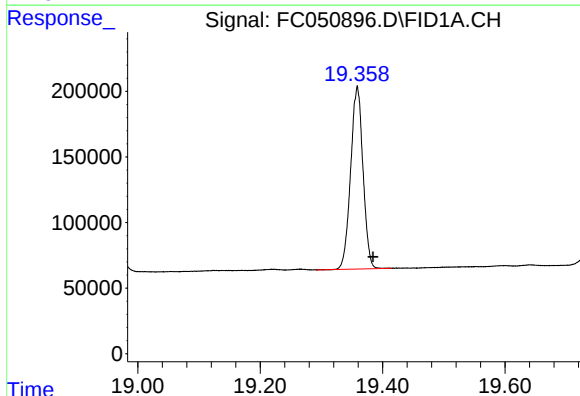
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.026 min
Response: 2216437
Conc: 19.94 ug/ml



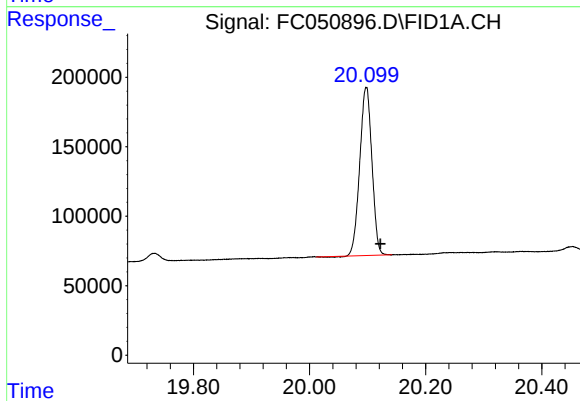
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.024 min
Response: 2105803
Conc: 20.41 ug/ml



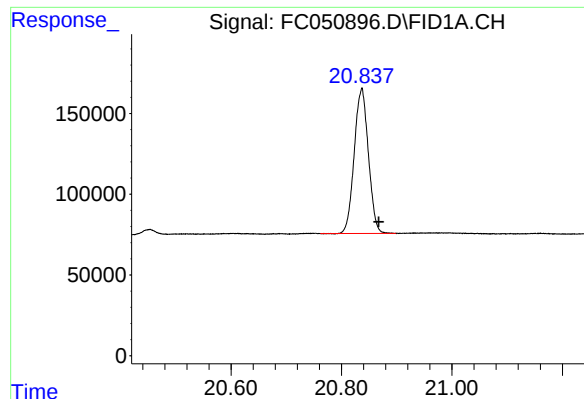
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.026 min
Response: 1946817
Conc: 20.23 ug/ml



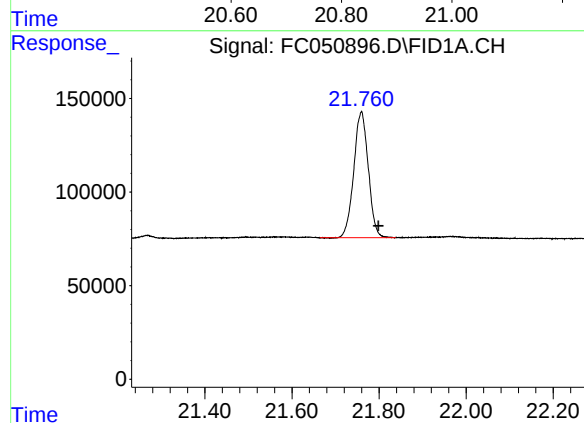
#20 n-Hexatriacontane (C36)

R.T.: 20.098 min
Delta R.T.: -0.024 min
Response: 1759996
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: -0.031 min
Response: 1595247
Conc: 19.19 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.759 min
Delta R.T.: -0.039 min
Response: 1555920
Conc: 18.59 ug/ml