

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111419AL\
 Data File : FC044563.D
 Signal(s) : FID1A.CH
 Acq On : 15 Nov 2019 10:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 15 11:19:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.716	2490012	17.083 ug/ml
Spiked Amount 50.000		Recovery =	34.17%
12) S 1-chlorooctadecane (S...	13.144	1860797	16.642 ug/ml
Spiked Amount 50.000		Recovery =	33.28%
Target Compounds			
1) T n-Nonane (C9)	3.451	2450743	22.248 ug/ml
2) T n-Decane (C10)	4.527	2452425	22.080 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2700353	21.703 ug/ml
4) T n-Dodecane (C12)	6.551	2455475	21.833 ug/ml
5) T A~2-methylnaphthalene...	7.185	2696646	21.384 ug/ml
6) T n-Tetradecane (C14)	8.346	2426949	21.452 ug/ml
7) T n-Hexadecane (C16)	9.947	2387427	20.894 ug/ml
8) T n-Octadecane (C18)	11.389	2316300	20.231 ug/ml
10) T n-Eicosane (C20)	12.697	2236460	19.610 ug/ml
11) T n-Heneicosane (C21)	13.309	2206885	19.240 ug/ml
13) T n-Docosane (C22)	13.896	2155923	18.985 ug/ml
14) T n-Tetracosane (C24)	14.999	2095618	18.532 ug/ml
15) T n-Hexacosane (C26)	16.020	2012456	18.189 ug/ml
16) T n-Octacosane (C28)	16.971	1976898	18.249 ug/ml
17) T n-Tricontane (C30)	17.858	1980277	18.711 ug/ml
18) T n-Dotriacontane (C32)	18.691	1959660	19.458 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1964788	20.954 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1926656	22.194 ug/ml
21) T n-Octatriacontane (C38)	20.980	1852786	22.976 ug/ml
22) T n-Tetracontane (C40)	21.943	1903554	22.520 ug/ml

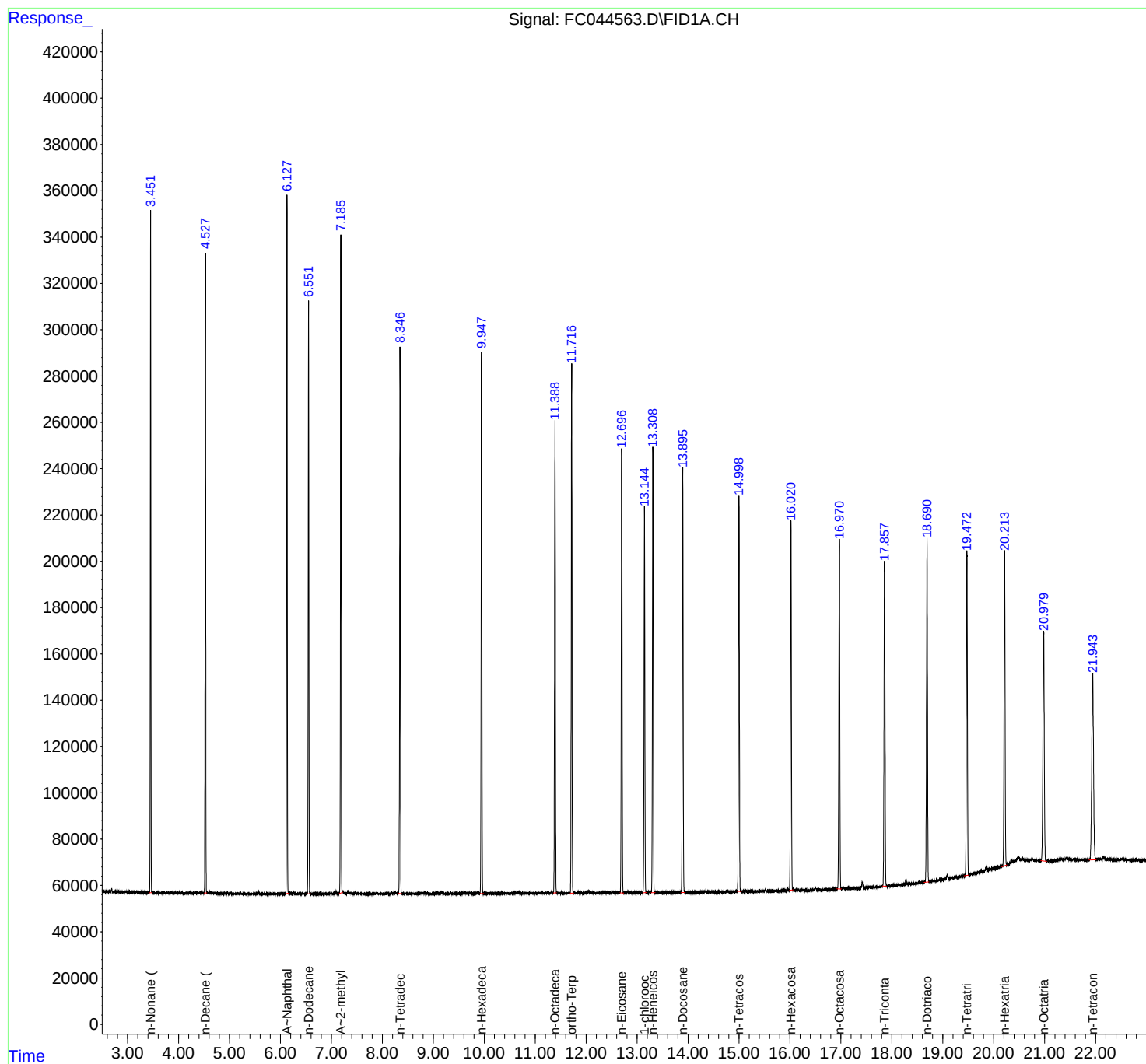
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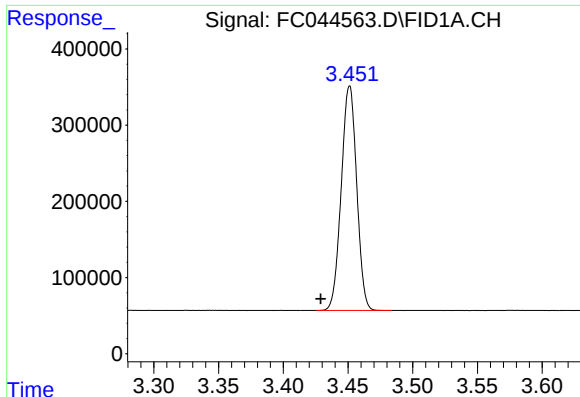
(m)=manual int.

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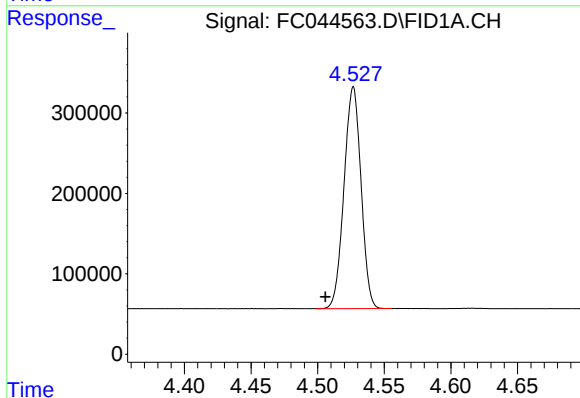
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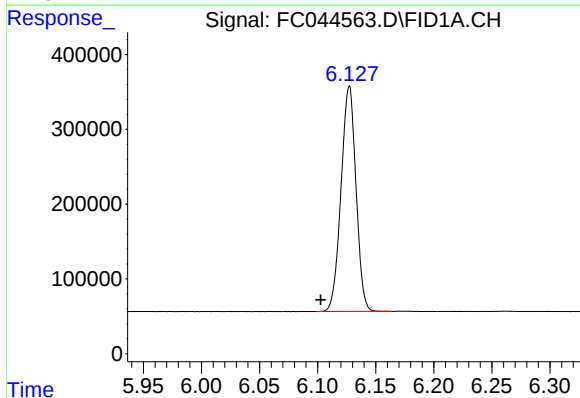
#1 n-Nonane (C9)

R.T.: 3.451 min
Delta R.T.: 0.022 min
Response: 2450743
Conc: 22.25 ug/ml



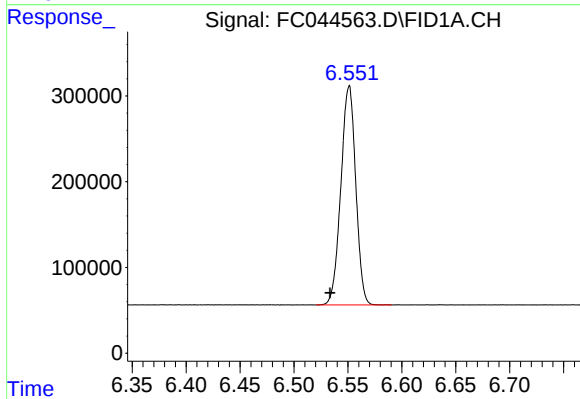
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.021 min
Response: 2452425
Conc: 22.08 ug/ml



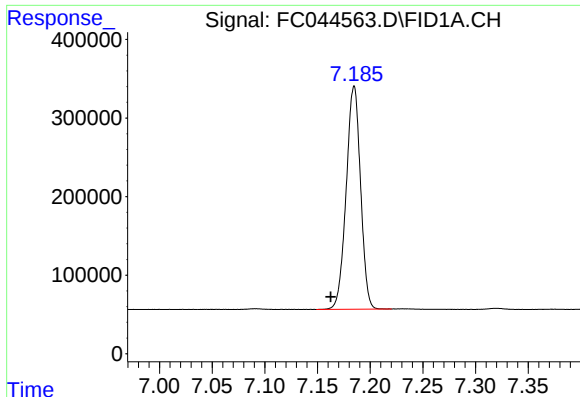
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2700353
Conc: 21.70 ug/ml



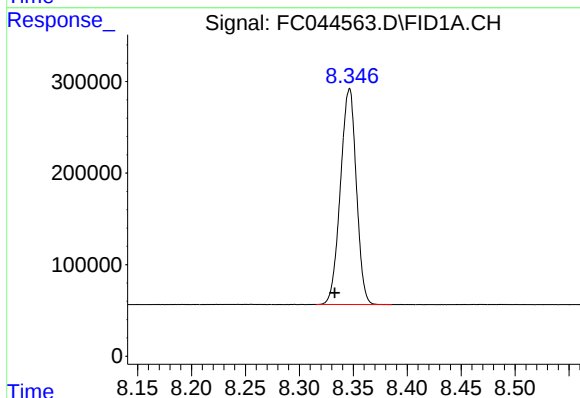
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2455475
Conc: 21.83 ug/ml



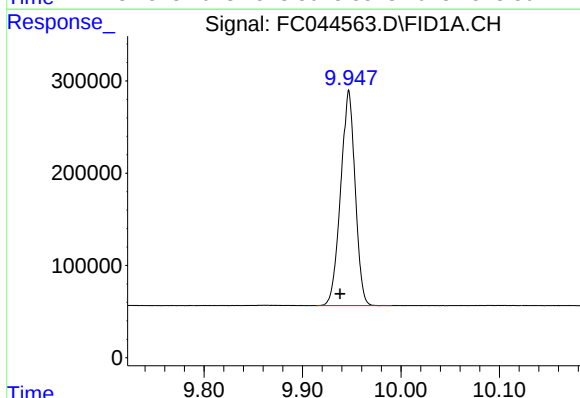
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.022 min
Response: 2696646
Conc: 21.38 ug/ml



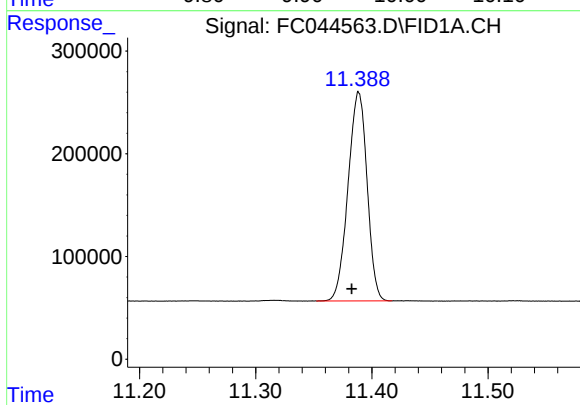
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.014 min
Response: 2426949
Conc: 21.45 ug/ml



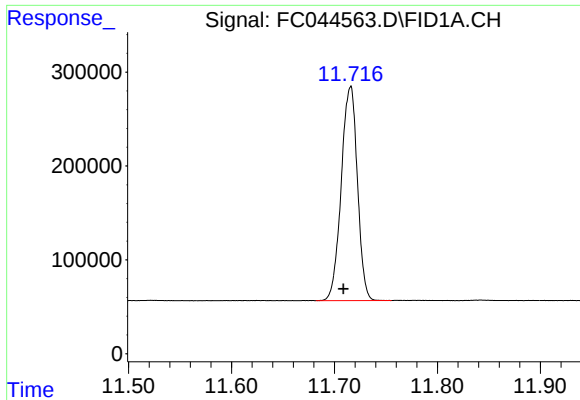
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.009 min
Response: 2387427
Conc: 20.89 ug/ml



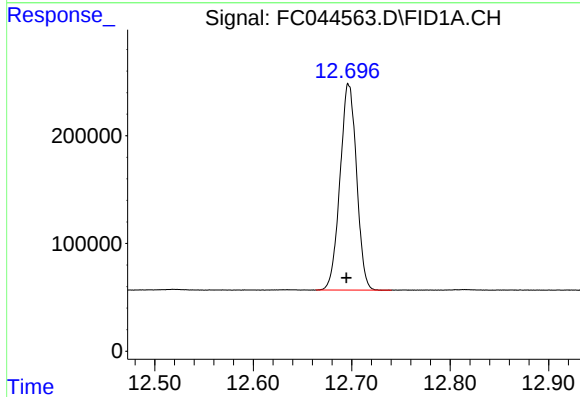
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2316300
Conc: 20.23 ug/ml



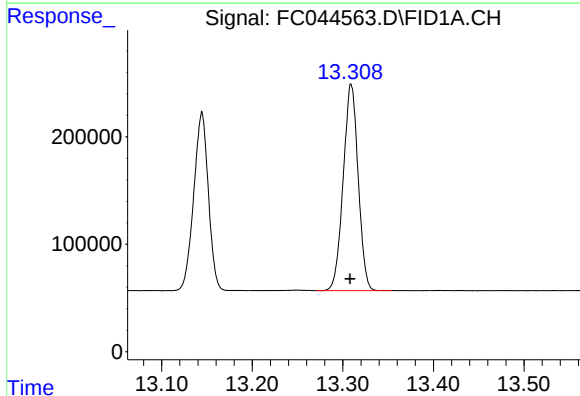
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: 0.007 min
Response: 2490012
Conc: 17.08 ug/ml



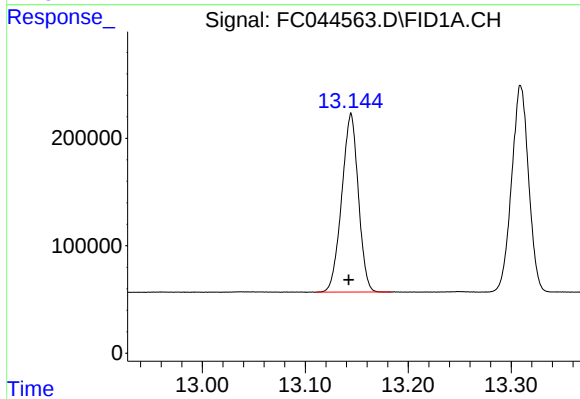
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.002 min
Response: 2236460
Conc: 19.61 ug/ml



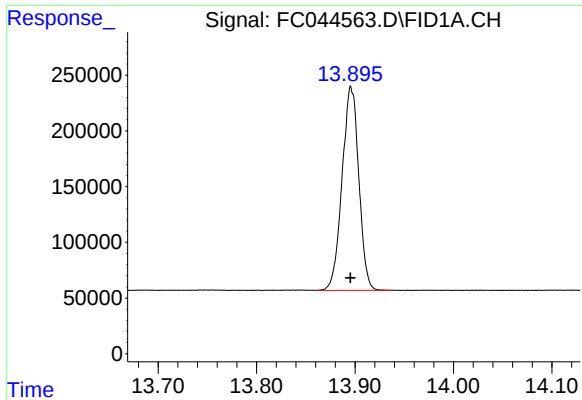
#11 n-Heneicosane (C21)

R.T.: 13.309 min
Delta R.T.: 0.001 min
Response: 2206885
Conc: 19.24 ug/ml



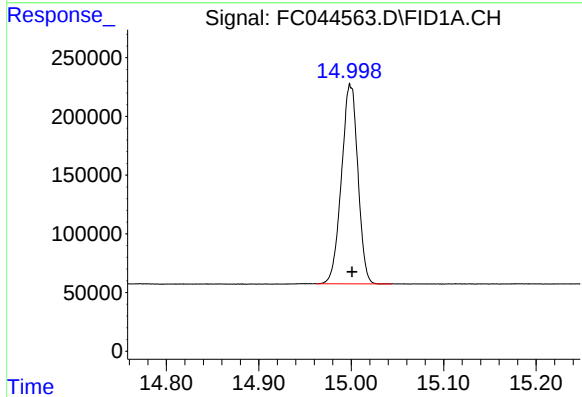
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.002 min
Response: 1860797
Conc: 16.64 ug/ml



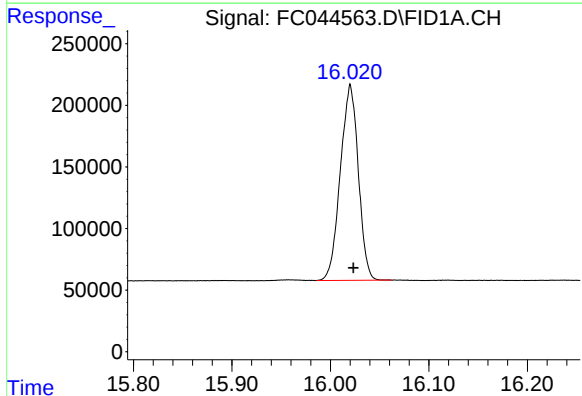
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.000 min
Response: 2155923
Conc: 18.99 ug/ml



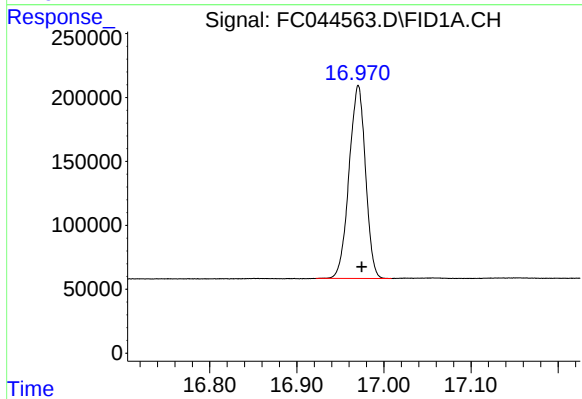
#14 n-Tetracosane (C24)

R.T.: 14.999 min
Delta R.T.: -0.002 min
Response: 2095618
Conc: 18.53 ug/ml



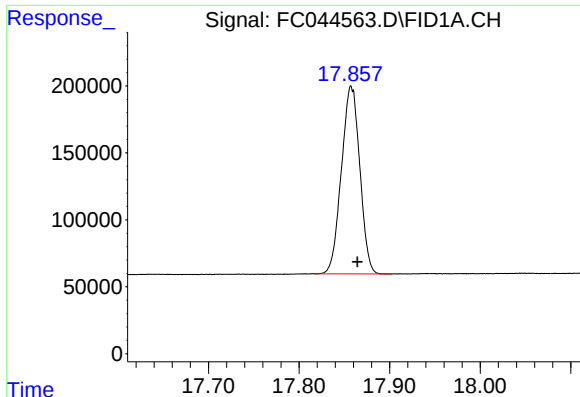
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2012456
Conc: 18.19 ug/ml



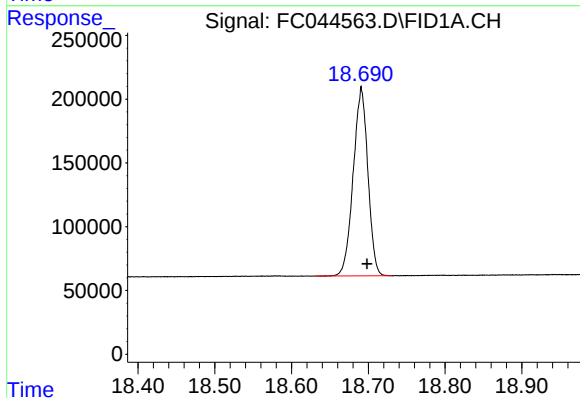
#16 n-Octacosane (C28)

R.T.: 16.971 min
Delta R.T.: -0.004 min
Response: 1976898
Conc: 18.25 ug/ml



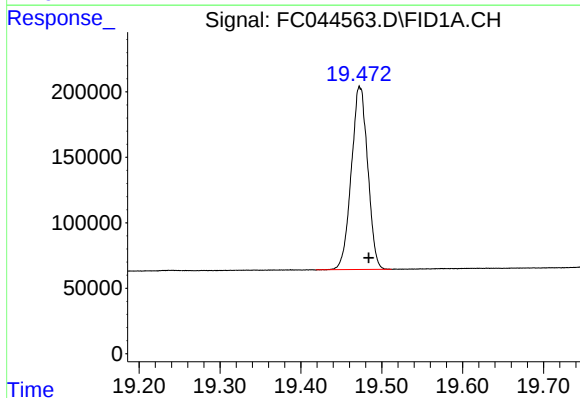
#17 n-Tricontane (C30)

R.T.: 17.858 min
Delta R.T.: -0.007 min
Response: 1980277
Conc: 18.71 ug/ml



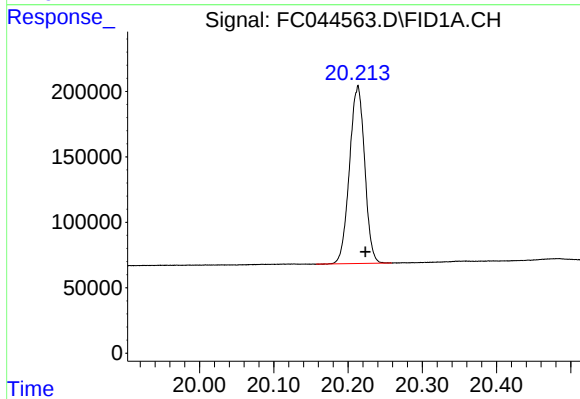
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.008 min
Response: 1959660
Conc: 19.46 ug/ml



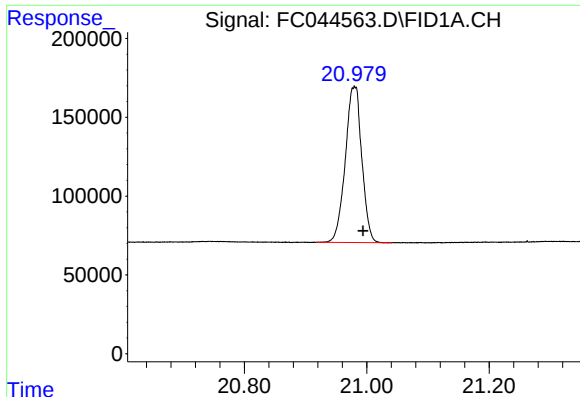
#19 n-Tetratriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.011 min
Response: 1964788
Conc: 20.95 ug/ml



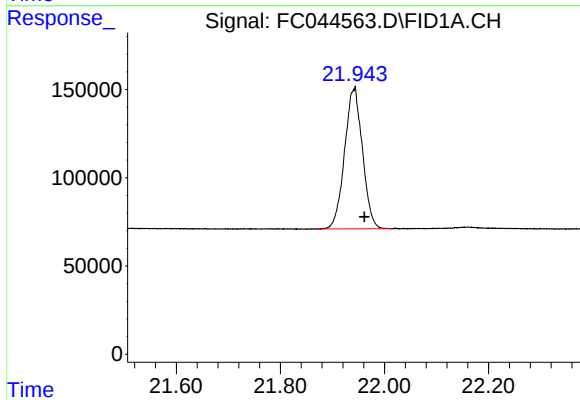
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: -0.010 min
Response: 1926656
Conc: 22.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.980 min
Delta R.T.: -0.014 min
Response: 1852786
Conc: 22.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.018 min
Response: 1903554
Conc: 22.52 ug/ml