

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103019AL\
 Data File : FC044287.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2019 6:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 31 08:05:13 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)	11.725	2563592	17.588 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	13.157	1922895	17.197 ug/ml
Spiked Amount 50.000		Recovery =	34.39%
Target Compounds			
1) T n-Nonane (C9)	3.446	2387689	21.675 ug/ml
2) T n-Decane (C10)	4.523	2443884	22.003 ug/ml
3) T A~Naphthalene (C11.7)	6.124	2715922	21.828 ug/ml
4) T n-Dodecane (C12)	6.550	2479111	22.044 ug/ml
5) T A~2-methylnaphthalene...	7.183	2738645	21.717 ug/ml
6) T n-Tetradecane (C14)	8.349	2457542	21.722 ug/ml
7) T n-Hexadecane (C16)	9.954	2431313	21.278 ug/ml
8) T n-Octadecane (C18)	11.398	2380358	20.790 ug/ml
10) T n-Eicosane (C20)	12.710	2299215	20.160 ug/ml
11) T n-Heneicosane (C21)	13.323	2271587	19.804 ug/ml
13) T n-Docosane (C22)	13.910	2219755	19.547 ug/ml
14) T n-Tetracosane (C24)	15.016	2151196	19.023 ug/ml
15) T n-Hexacosane (C26)	16.038	2077684	18.779 ug/ml
16) T n-Octacosane (C28)	16.989	2042517	18.855 ug/ml
17) T n-Tricontane (C30)	17.879	2068051	19.541 ug/ml
18) T n-Dotriacontane (C32)	18.711	2027503	20.132 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1980619	21.123 ug/ml
20) T n-Hexatriacontane (C36)	20.238	1916573	22.078 ug/ml
21) T n-Octatriacontane (C38)	21.012	1820732	22.579 ug/ml
22) T n-Tetracontane (C40)	21.983	1901519	22.496 ug/ml

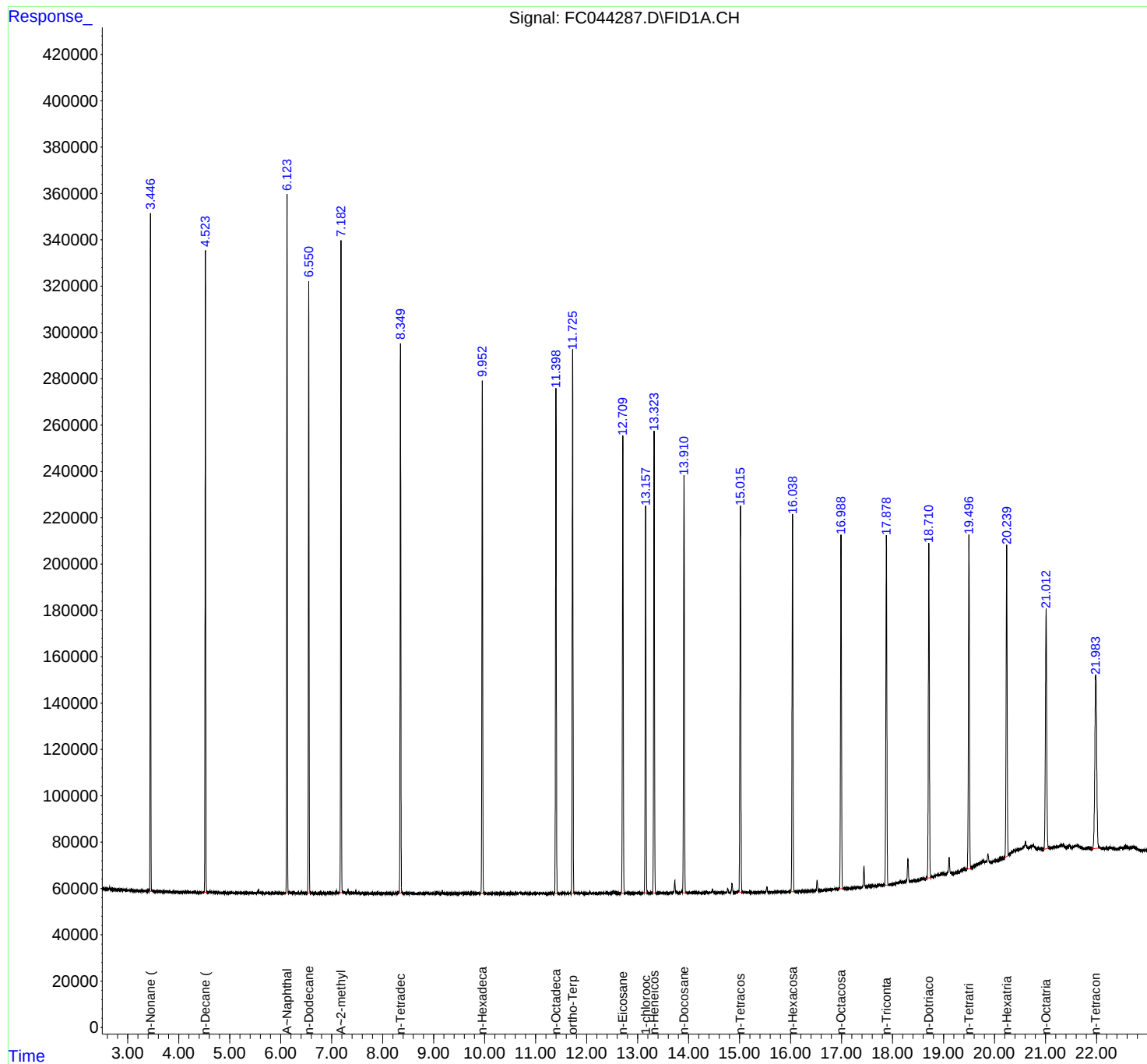
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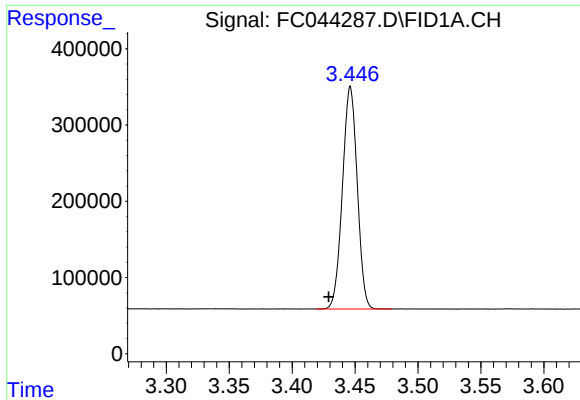
(m)=manual int.

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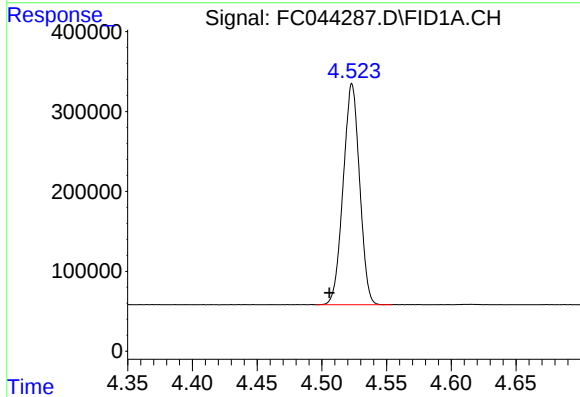
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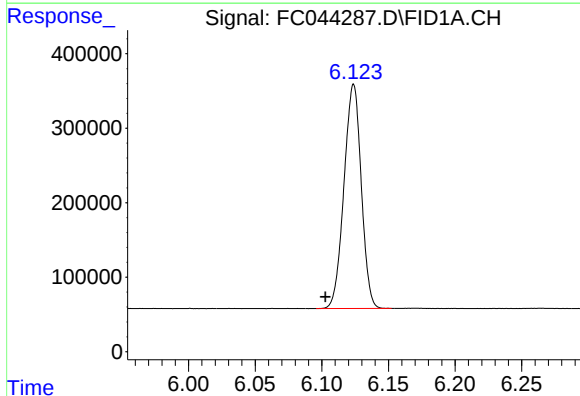
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.017 min
Response: 2387689
Conc: 21.68 ug/ml



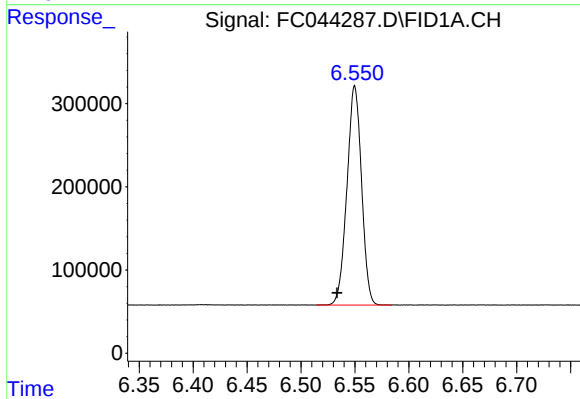
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.018 min
Response: 2443884
Conc: 22.00 ug/ml



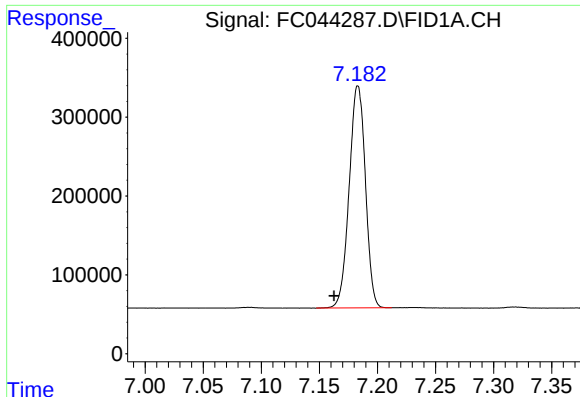
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.021 min
Response: 2715922
Conc: 21.83 ug/ml



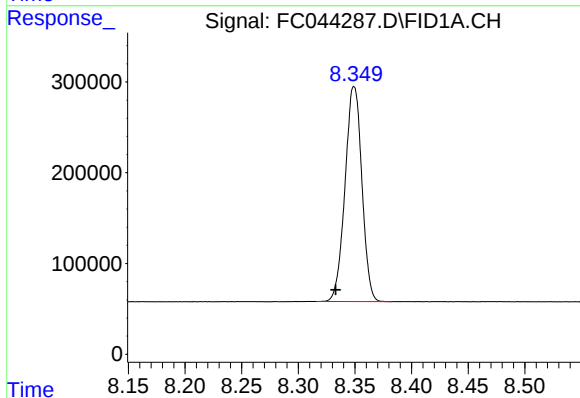
#4 n-Dodecane (C12)

R.T.: 6.550 min
Delta R.T.: 0.016 min
Response: 2479111
Conc: 22.04 ug/ml



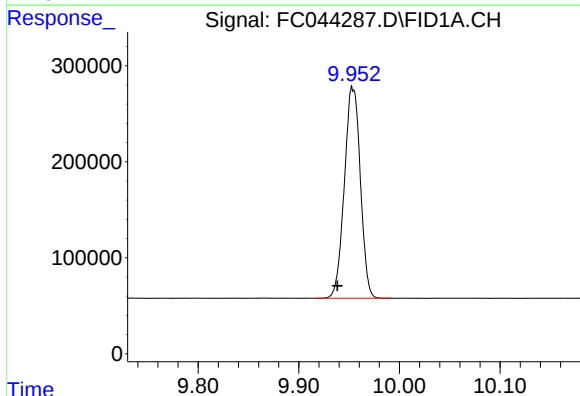
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: 0.021 min
Response: 2738645
Conc: 21.72 ug/ml



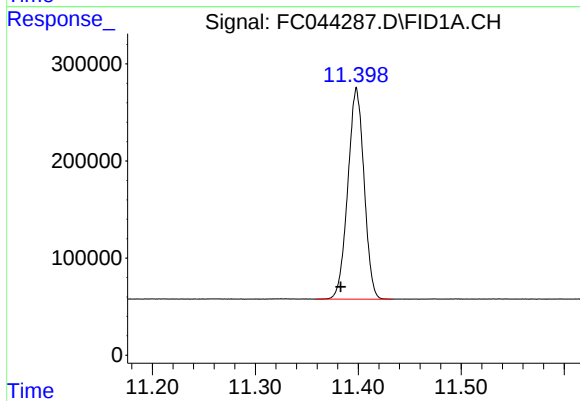
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.016 min
Response: 2457542
Conc: 21.72 ug/ml



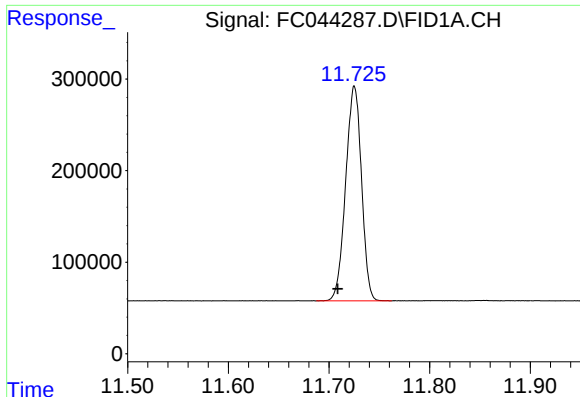
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.015 min
Response: 2431313
Conc: 21.28 ug/ml



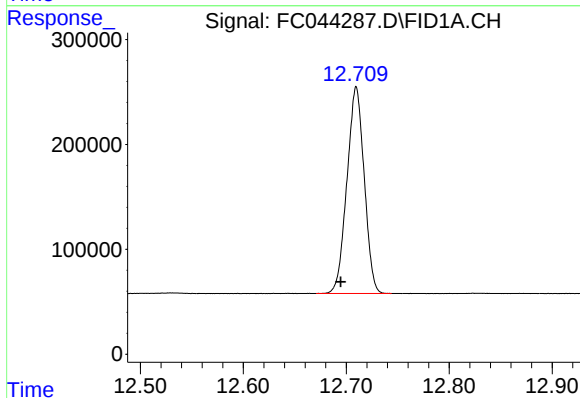
#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.015 min
Response: 2380358
Conc: 20.79 ug/ml



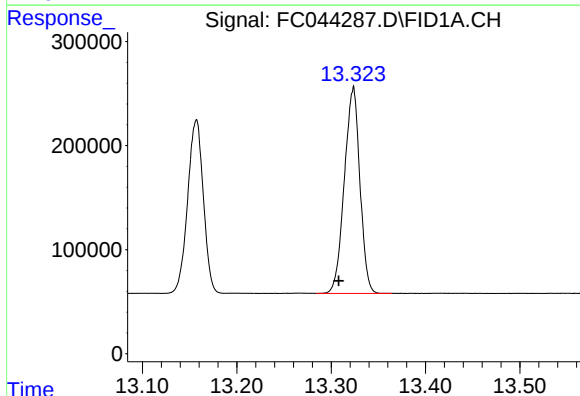
#9 ortho-Terphenyl (SURR)

R.T.: 11.725 min
Delta R.T.: 0.017 min
Response: 2563592
Conc: 17.59 ug/ml



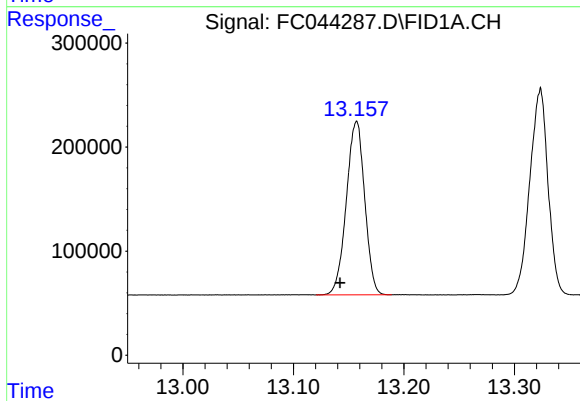
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: 0.015 min
Response: 2299215
Conc: 20.16 ug/ml



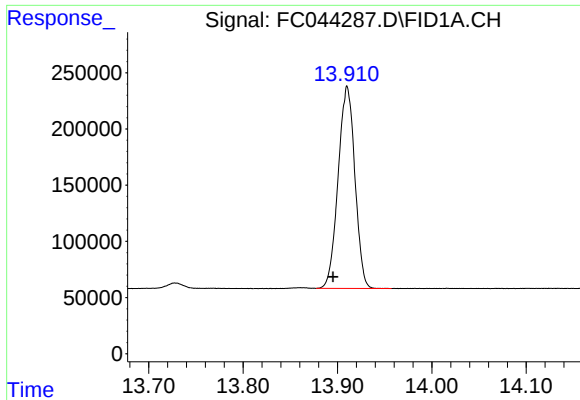
#11 n-Heneicosane (C21)

R.T.: 13.323 min
Delta R.T.: 0.016 min
Response: 2271587
Conc: 19.80 ug/ml



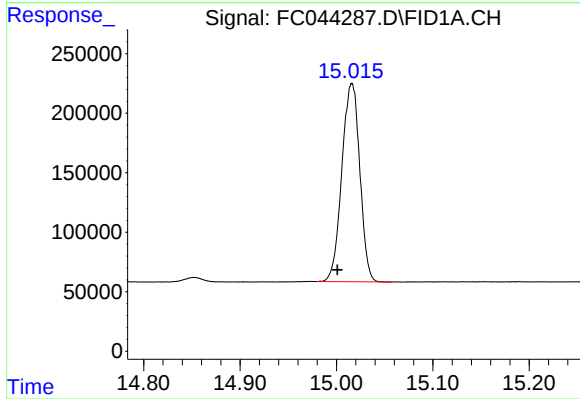
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: 0.015 min
Response: 1922895
Conc: 17.20 ug/ml



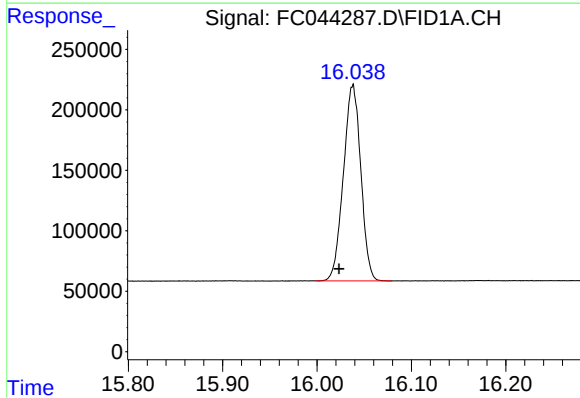
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.015 min
Response: 2219755
Conc: 19.55 ug/ml



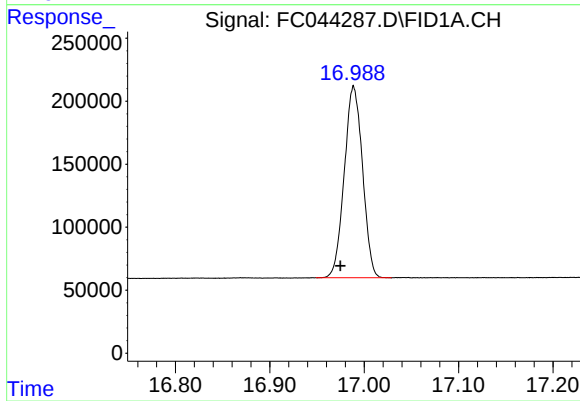
#14 n-Tetracosane (C24)

R.T.: 15.016 min
Delta R.T.: 0.015 min
Response: 2151196
Conc: 19.02 ug/ml



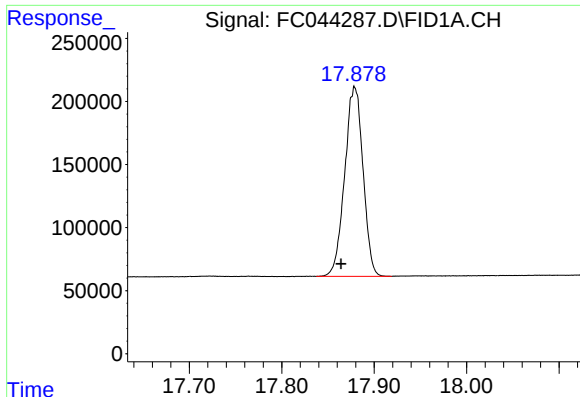
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.014 min
Response: 2077684
Conc: 18.78 ug/ml



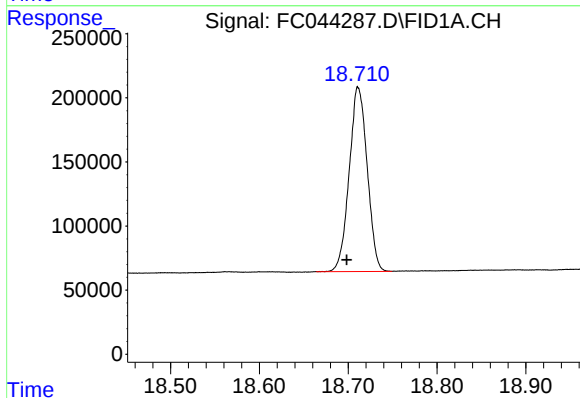
#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.014 min
Response: 2042517
Conc: 18.86 ug/ml



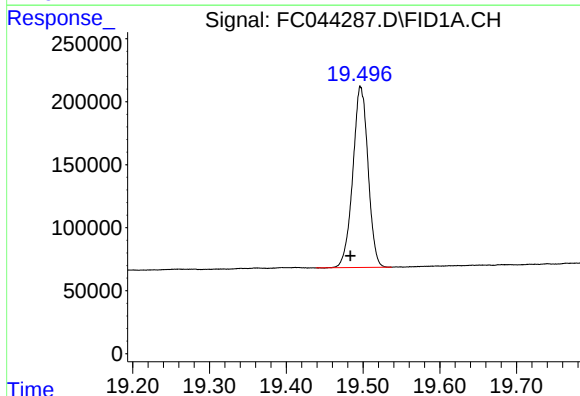
#17 n-Tricontane (C30)

R.T.: 17.879 min
Delta R.T.: 0.015 min
Response: 2068051
Conc: 19.54 ug/ml



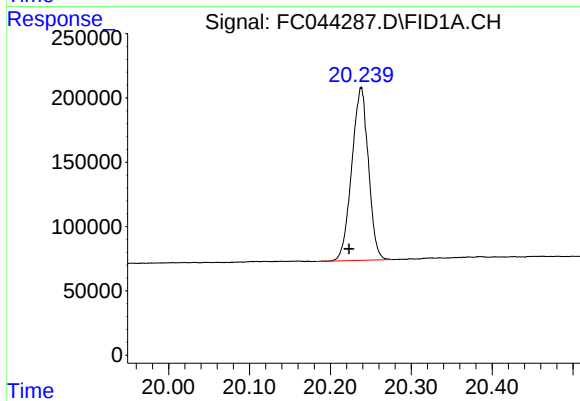
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: 0.013 min
Response: 2027503
Conc: 20.13 ug/ml



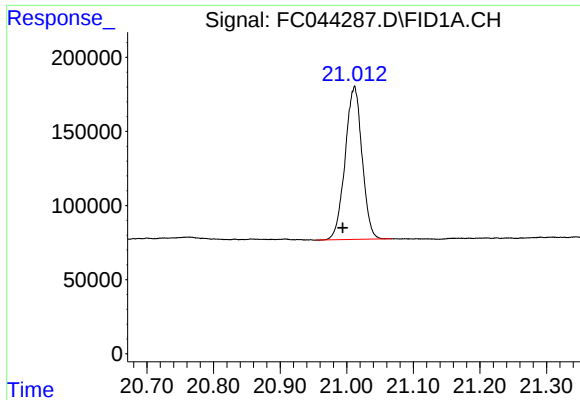
#19 n-Tetratriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.013 min
Response: 1980619
Conc: 21.12 ug/ml



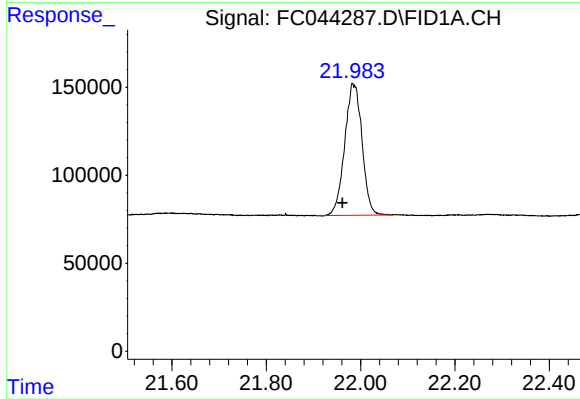
#20 n-Hexatriacontane (C36)

R.T.: 20.238 min
Delta R.T.: 0.015 min
Response: 1916573
Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.012 min
Delta R.T.: 0.018 min
Response: 1820732
Conc: 22.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.022 min
Response: 1901519
Conc: 22.50 ug/ml