

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112119AL\
 Data File : FC044700.D
 Signal(s) : FID1A.CH
 Acq On : 21 Nov 2019 20:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 22 00:40:46 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	2474959	16.980 ug/ml
Spiked Amount 50.000		Recovery =	33.96%
12) S 1-chlorooctadecane (S...	13.144	1838614	16.444 ug/ml
Spiked Amount 50.000		Recovery =	32.89%
Target Compounds			
1) T n-Nonane (C9)	3.454	2338252	21.227 ug/ml
2) T n-Decane (C10)	4.530	2407992	21.680 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2625834	21.104 ug/ml
4) T n-Dodecane (C12)	6.553	2411861	21.446 ug/ml
5) T A~2-methylnaphthalene...	7.187	2626020	20.824 ug/ml
6) T n-Tetradecane (C14)	8.347	2383322	21.066 ug/ml
7) T n-Hexadecane (C16)	9.948	2354378	20.605 ug/ml
8) T n-Octadecane (C18)	11.389	2304492	20.128 ug/ml
10) T n-Eicosane (C20)	12.698	2228338	19.539 ug/ml
11) T n-Heneicosane (C21)	13.310	2202362	19.201 ug/ml
13) T n-Docosane (C22)	13.895	2154817	18.976 ug/ml
14) T n-Tetracosane (C24)	14.998	2105583	18.620 ug/ml
15) T n-Hexacosane (C26)	16.017	2046247	18.495 ug/ml
16) T n-Octacosane (C28)	16.967	2043538	18.865 ug/ml
17) T n-Tricontane (C30)	17.854	2081214	19.665 ug/ml
18) T n-Dotriacontane (C32)	18.686	2056212	20.417 ug/ml
19) T n-Tetratriacontane (C34)	19.470	2021542	21.559 ug/ml
20) T n-Hexatriacontane (C36)	20.210	1961308	22.593 ug/ml
21) T n-Octatriacontane (C38)	20.973	1865951	23.139 ug/ml
22) T n-Tetracontane (C40)	21.934	1883980	22.288 ug/ml

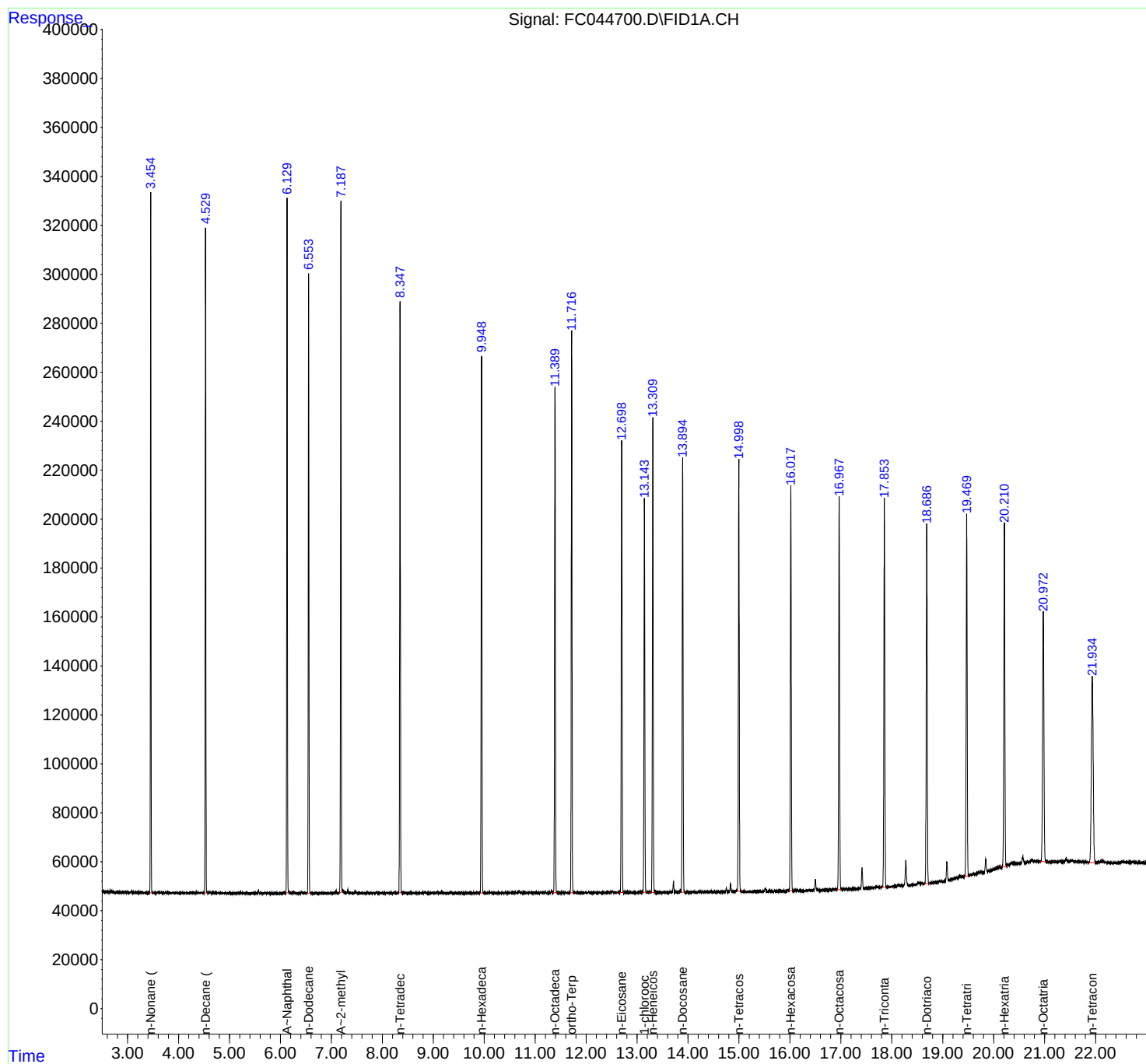
(f)=RT Delta > 1/2 Window

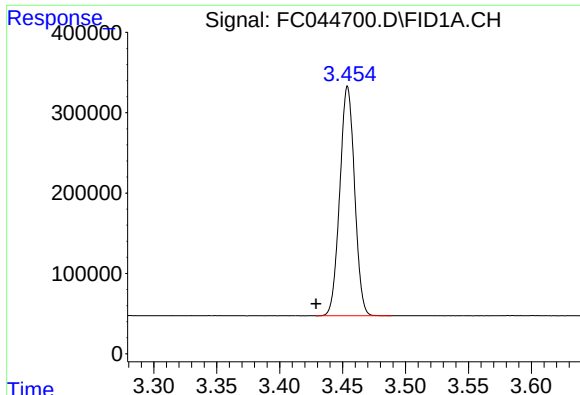
(m)=manual int.

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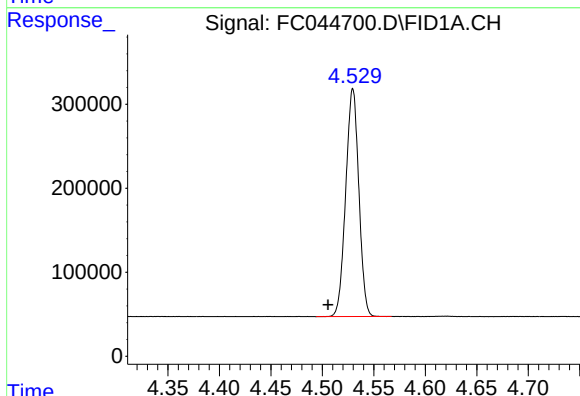
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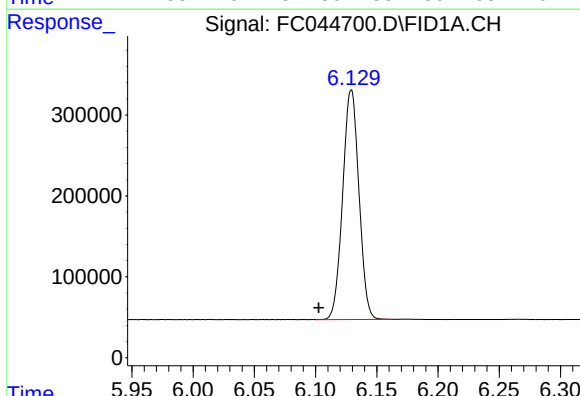
#1 n-Nonane (C9)

R.T.: 3.454 min
Delta R.T.: 0.025 min
Response: 2338252
Conc: 21.23 ug/ml



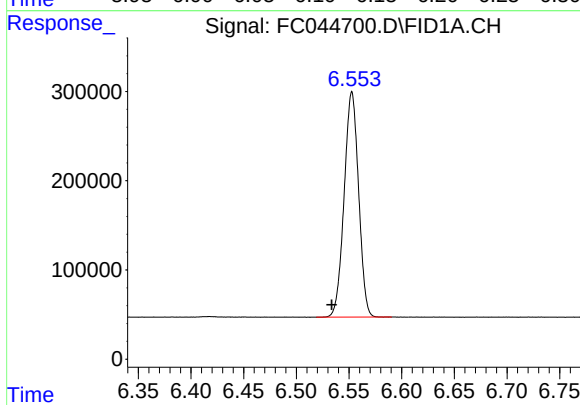
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.024 min
Response: 2407992
Conc: 21.68 ug/ml



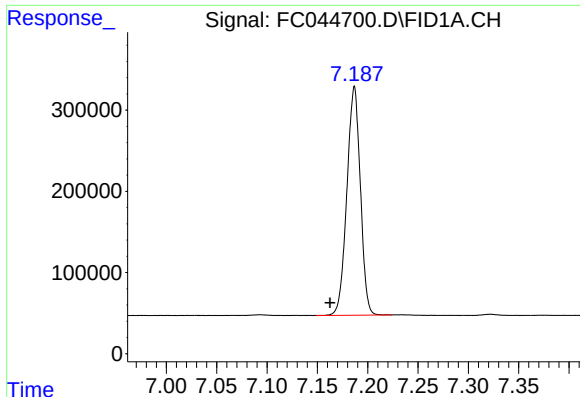
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: 0.027 min
Response: 2625834
Conc: 21.10 ug/ml



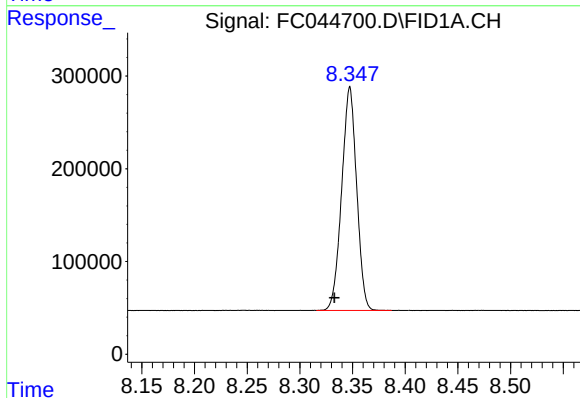
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.019 min
Response: 2411861
Conc: 21.45 ug/ml



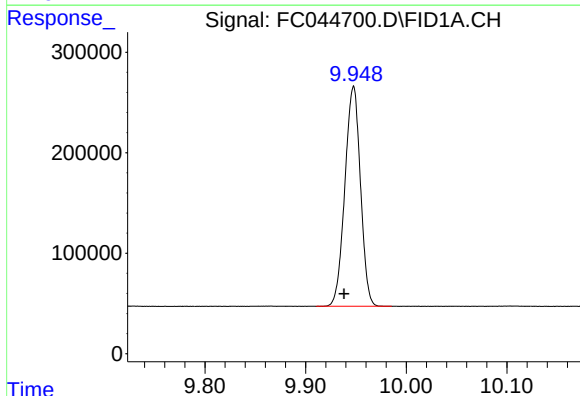
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: 0.024 min
Response: 2626020
Conc: 20.82 ug/ml



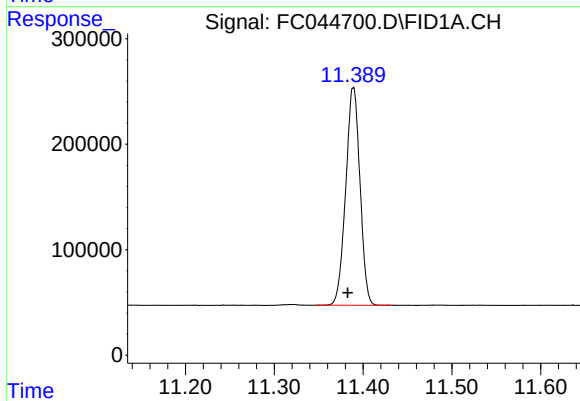
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.015 min
Response: 2383322
Conc: 21.07 ug/ml



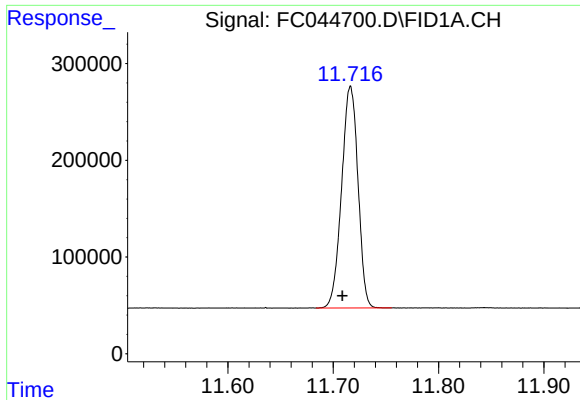
#7 n-Hexadecane (C16)

R.T.: 9.948 min
Delta R.T.: 0.009 min
Response: 2354378
Conc: 20.61 ug/ml



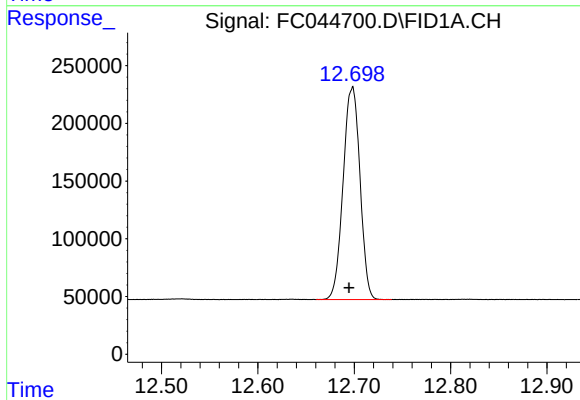
#8 n-Octadecane (C18)

R.T.: 11.389 min
Delta R.T.: 0.006 min
Response: 2304492
Conc: 20.13 ug/ml



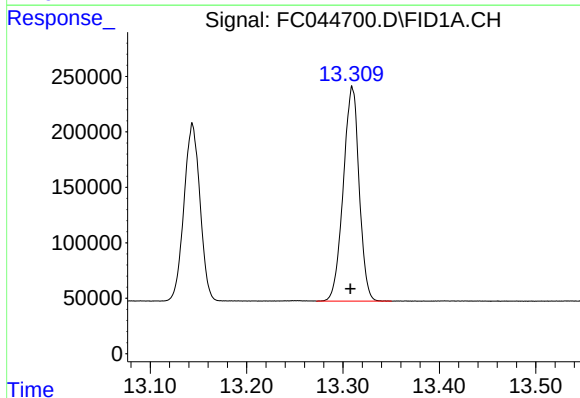
#9 ortho-Terphenyl (SURR)

R.T.: 11.716 min
Delta R.T.: 0.008 min
Response: 2474959
Conc: 16.98 ug/ml



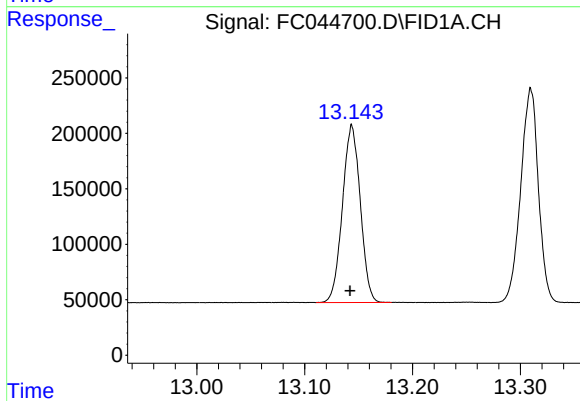
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.004 min
Response: 2228338
Conc: 19.54 ug/ml



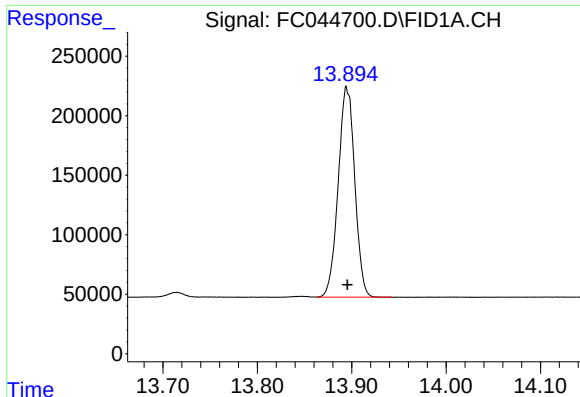
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.002 min
Response: 2202362
Conc: 19.20 ug/ml



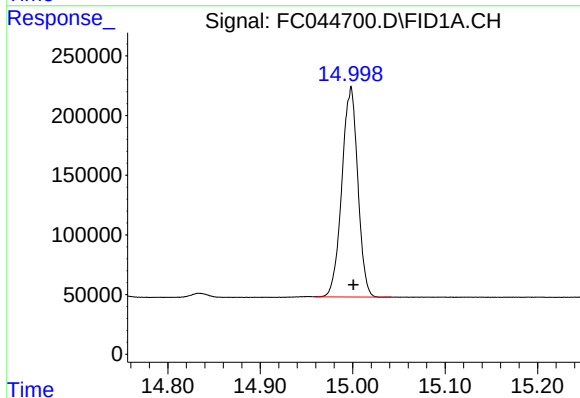
#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.002 min
Response: 1838614
Conc: 16.44 ug/ml



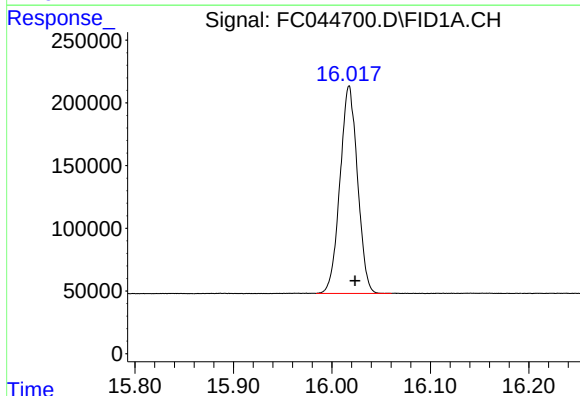
#13 n-Docosane (C22)

R.T.: 13.895 min
Delta R.T.: 0.000 min
Response: 2154817
Conc: 18.98 ug/ml



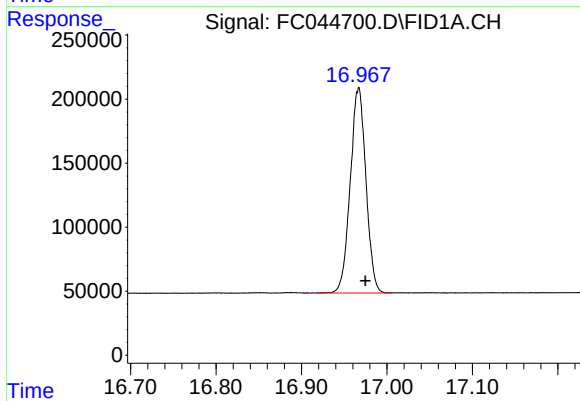
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.003 min
Response: 2105583
Conc: 18.62 ug/ml



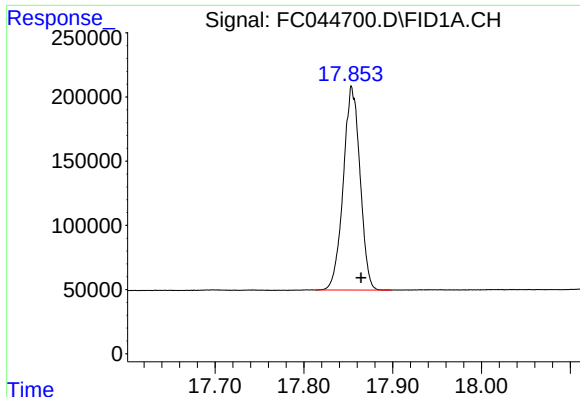
#15 n-Hexacosane (C26)

R.T.: 16.017 min
Delta R.T.: -0.006 min
Response: 2046247
Conc: 18.49 ug/ml



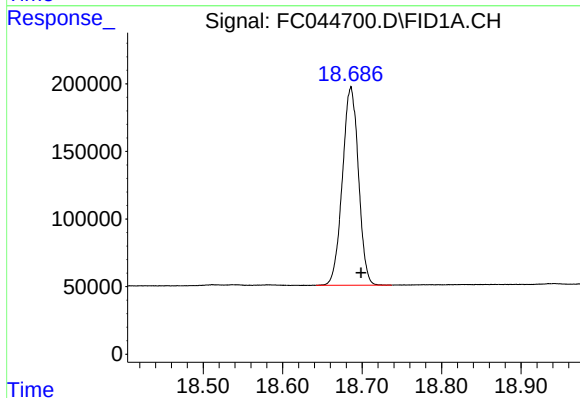
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.008 min
Response: 2043538
Conc: 18.86 ug/ml



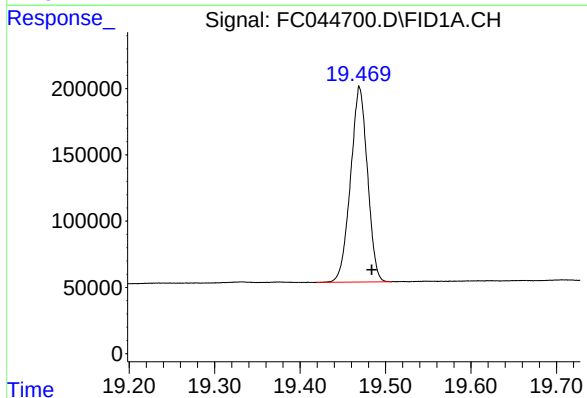
#17 n-Tricontane (C30)

R.T.: 17.854 min
Delta R.T.: -0.010 min
Response: 2081214
Conc: 19.66 ug/ml



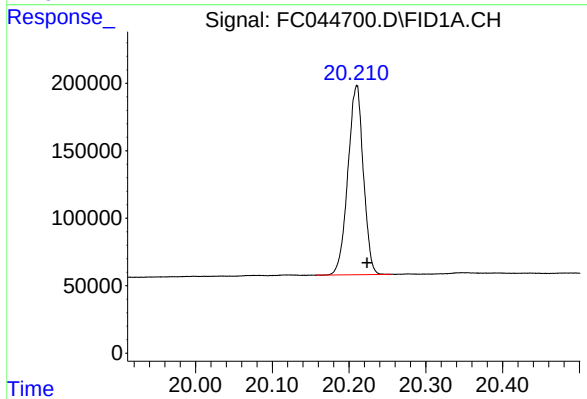
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: -0.013 min
Response: 2056212
Conc: 20.42 ug/ml



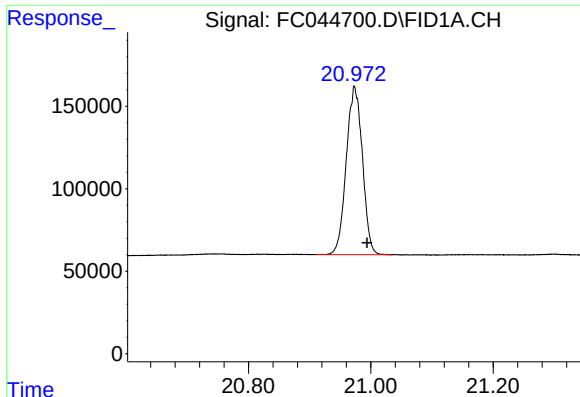
#19 n-Tetratriacontane (C34)

R.T.: 19.470 min
Delta R.T.: -0.014 min
Response: 2021542
Conc: 21.56 ug/ml



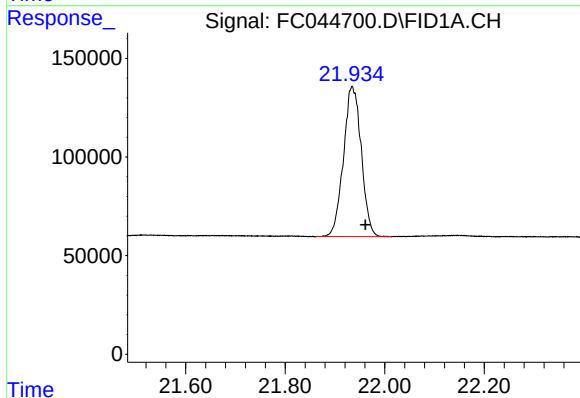
#20 n-Hexatriacontane (C36)

R.T.: 20.210 min
Delta R.T.: -0.013 min
Response: 1961308
Conc: 22.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: -0.021 min
Response: 1865951
Conc: 23.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: -0.027 min
Response: 1883980
Conc: 22.29 ug/ml