

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082720AL\
 Data File : FC049265.D
 Signal(s) : FID1A.CH
 Acq On : 27 Aug 2020 9:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 28 01:55:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.676	2353996	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.108	1910688	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.404	2115004	20.278 ug/ml
2) T n-Decane (C10)	4.481	2163149	20.623 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2460348	20.804 ug/ml
4) T n-Dodecane (C12)	6.507	2229150	21.017 ug/ml
5) T A~2-methylnaphthalene...	7.140	2531420	20.995 ug/ml
6) T n-Tetradecane (C14)	8.306	2231546	21.191 ug/ml
7) T n-Hexadecane (C16)	9.909	2203779	20.996 ug/ml
8) T n-Octadecane (C18)	11.353	2269846	20.661 ug/ml
10) T n-Eicosane (C20)	12.662	2245589	20.179 ug/ml
11) T n-Heneicosane (C21)	13.274	2212100	19.803 ug/ml
13) T n-Docosane (C22)	13.860	2190951	19.492 ug/ml
14) T n-Tetracosane (C24)	14.963	2107695	18.539 ug/ml
15) T n-Hexacosane (C26)	15.984	2027183	17.717 ug/ml
16) T n-Octacosane (C28)	16.932	1980154	17.020 ug/ml
17) T n-Tricontane (C30)	17.819	1922141	16.628 ug/ml
18) T n-Dotriacontane (C32)	18.650	1790837	16.563 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1687377	16.269 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1614771	16.240 ug/ml
21) T n-Octatriacontane (C38)	20.923	1560421	16.502 ug/ml
22) T n-Tetracontane (C40)	21.874	1607723	16.841 ug/ml

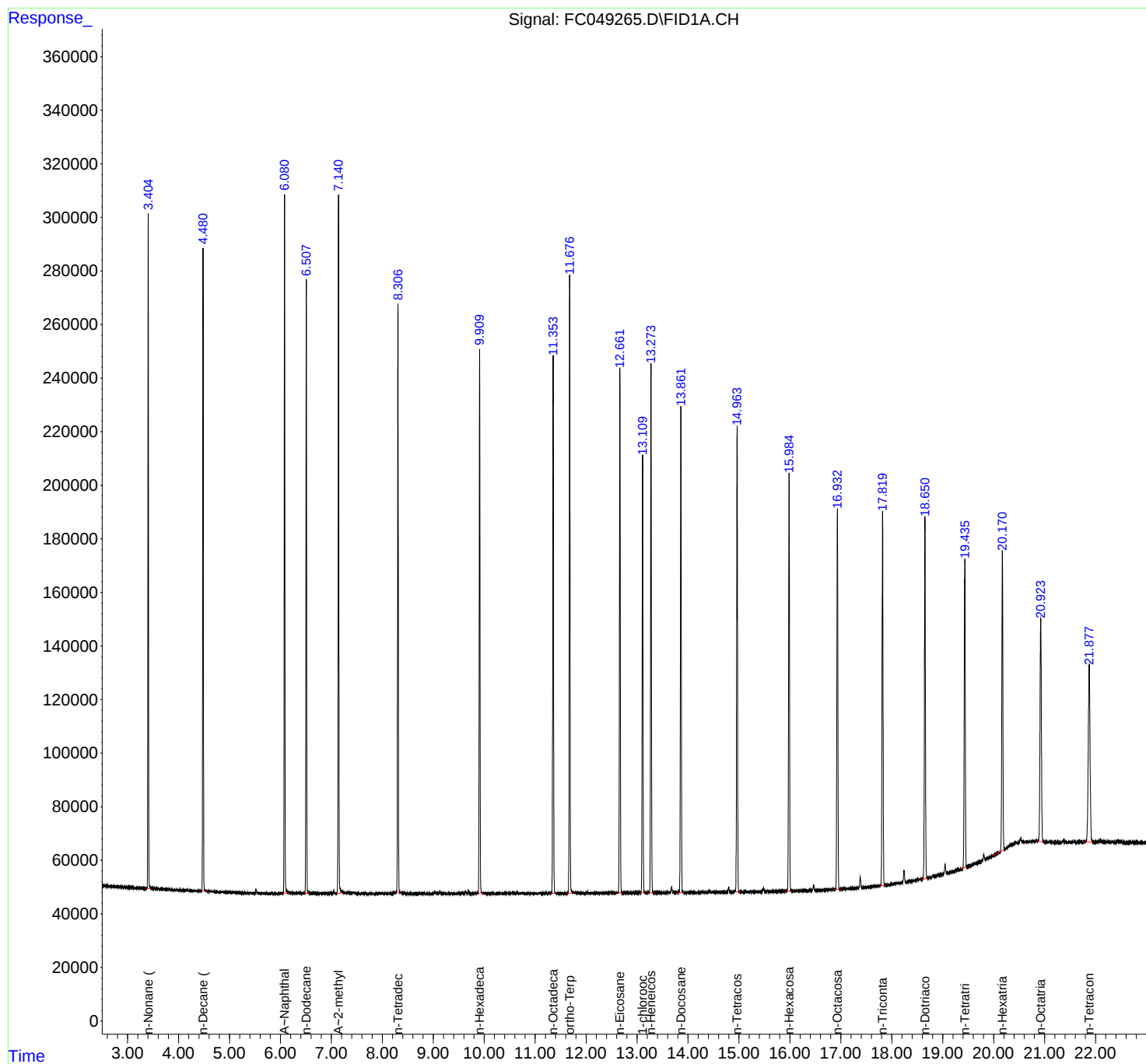
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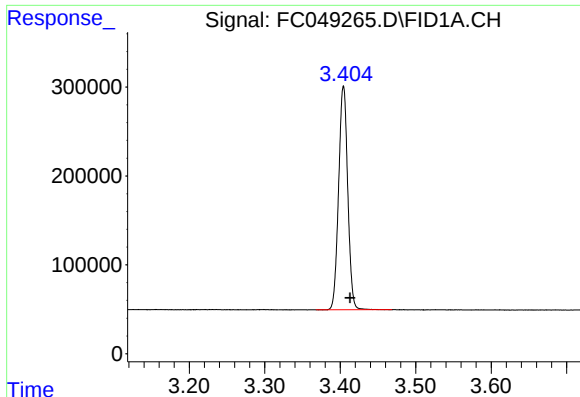
(m)=manual int.

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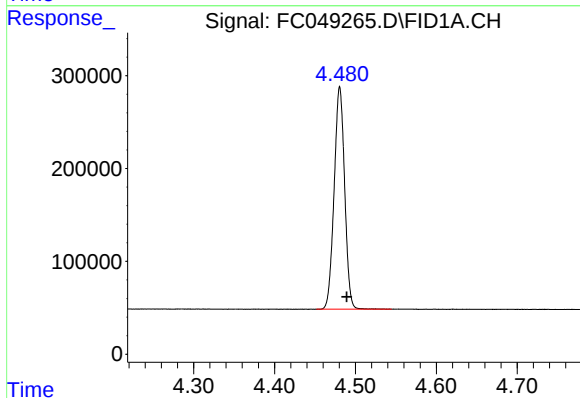
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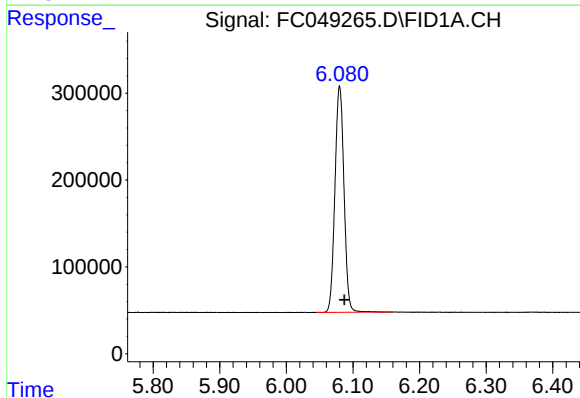
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.009 min
Response: 2115004
Conc: 20.28 ug/ml



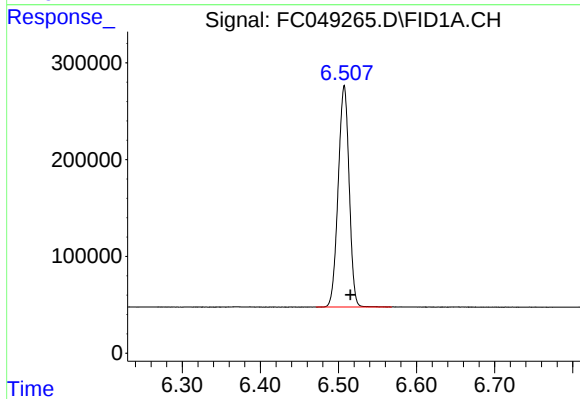
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 2163149
Conc: 20.62 ug/ml



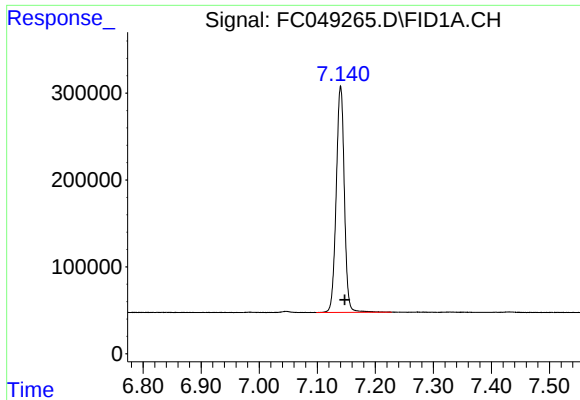
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2460348
Conc: 20.80 ug/ml



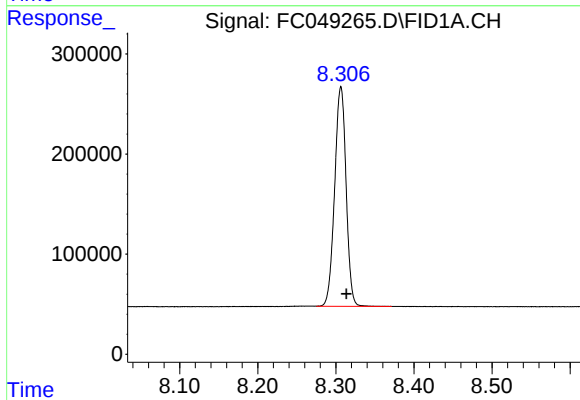
#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2229150
Conc: 21.02 ug/ml



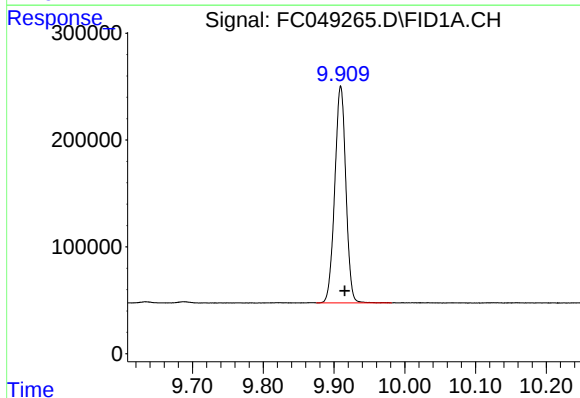
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 2531420
Conc: 21.00 ug/ml



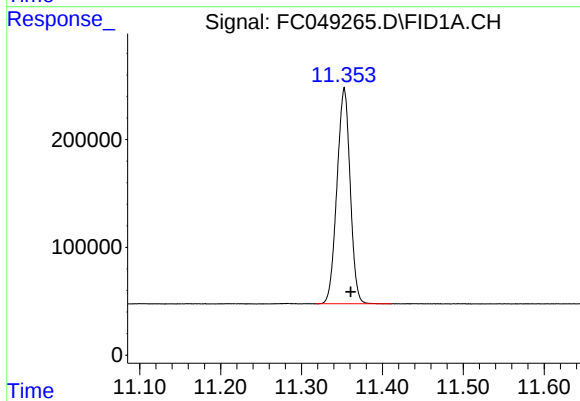
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 2231546
Conc: 21.19 ug/ml



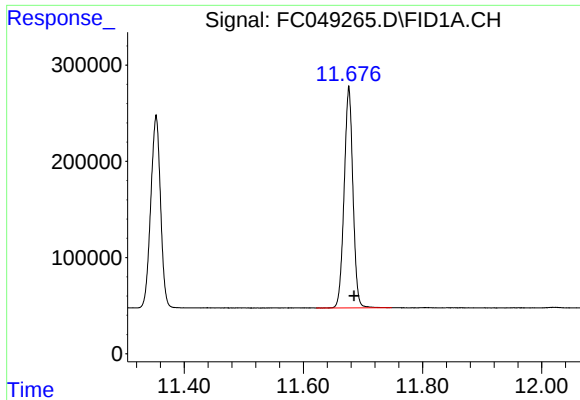
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.006 min
Response: 2203779
Conc: 21.00 ug/ml



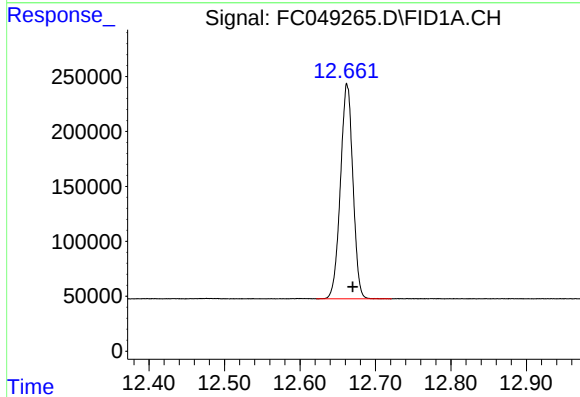
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.008 min
Response: 2269846
Conc: 20.66 ug/ml



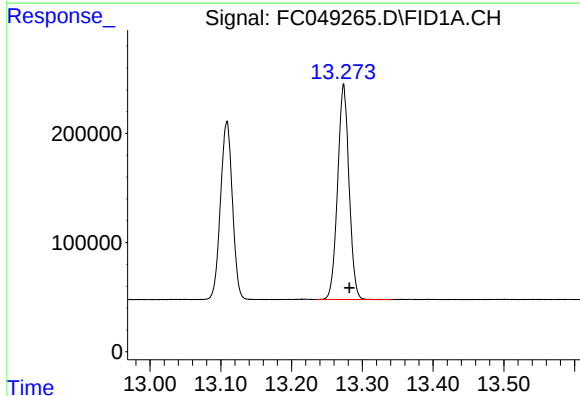
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.009 min
Response: 2353996
Conc: 19.81 ug/ml



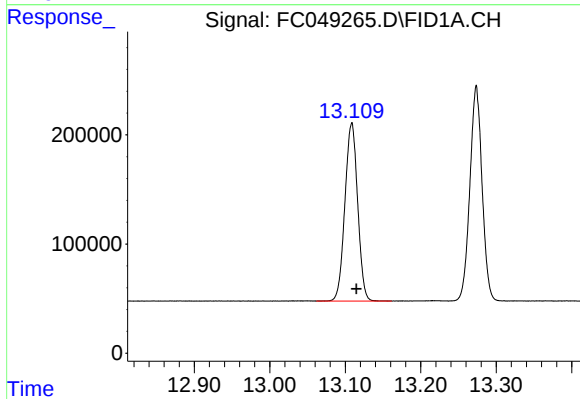
#10 n-Eicosane (C20)

R.T.: 12.662 min
Delta R.T.: -0.007 min
Response: 2245589
Conc: 20.18 ug/ml



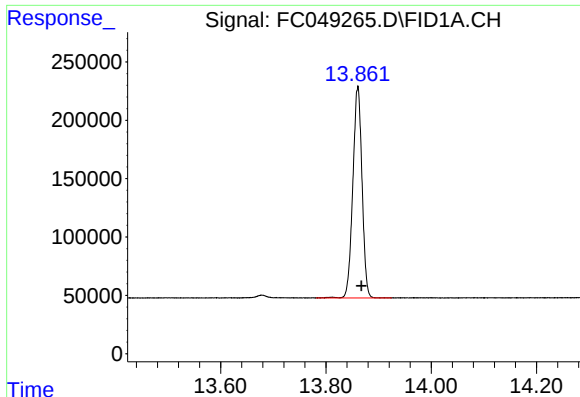
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: -0.008 min
Response: 2212100
Conc: 19.80 ug/ml



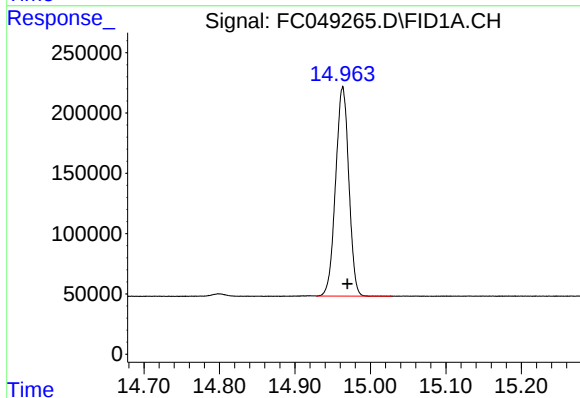
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.006 min
Response: 1910688
Conc: 19.64 ug/ml



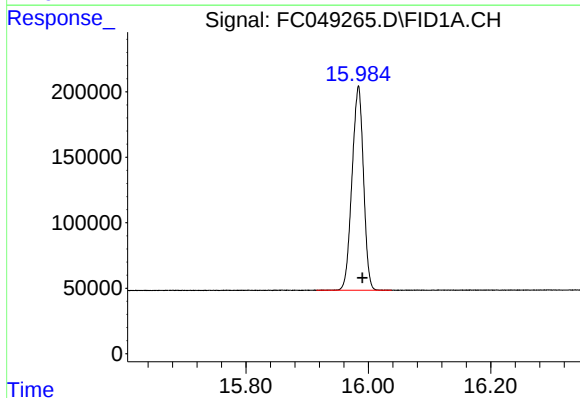
#13 n-Docosane (C22)

R.T.: 13.860 min
Delta R.T.: -0.007 min
Response: 2190951
Conc: 19.49 ug/ml



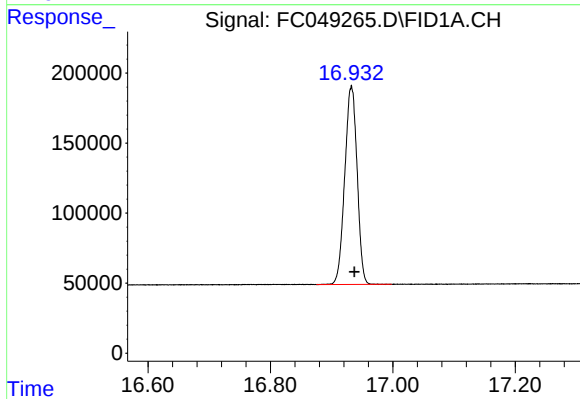
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.006 min
Response: 2107695
Conc: 18.54 ug/ml



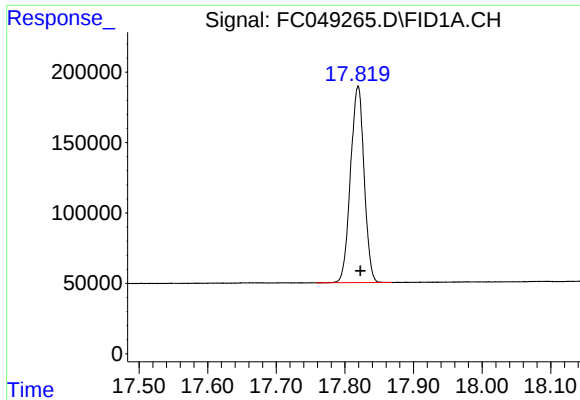
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.007 min
Response: 2027183
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.932 min
Delta R.T.: -0.005 min
Response: 1980154
Conc: 17.02 ug/ml



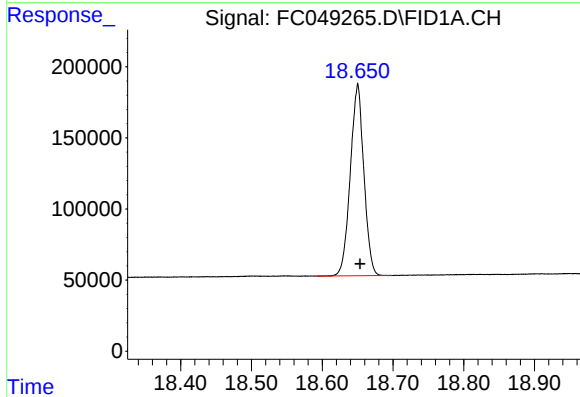
#17 n-Tricontane (C30)

R.T.: 17.819 min

Delta R.T.: -0.004 min

Response: 1922141

Conc: 16.63 ug/ml



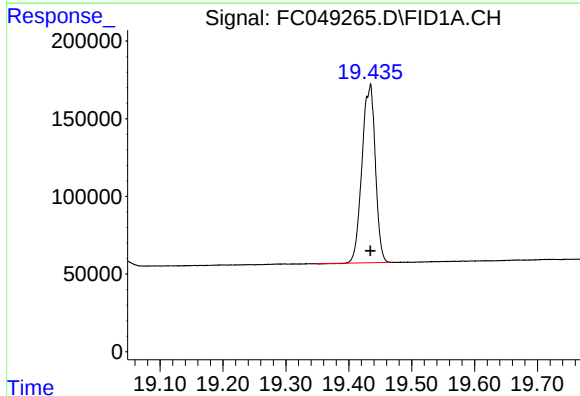
#18 n-Dotriacontane (C32)

R.T.: 18.650 min

Delta R.T.: -0.004 min

Response: 1790837

Conc: 16.56 ug/ml



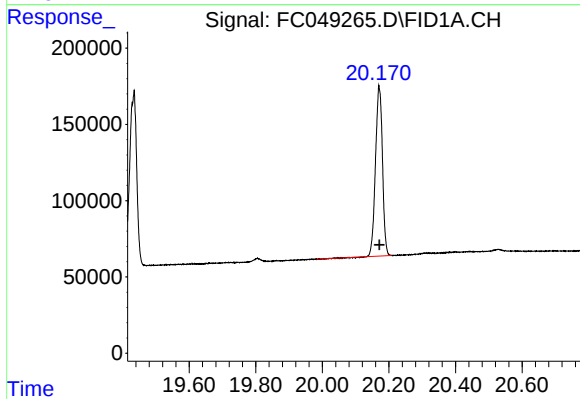
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min

Delta R.T.: -0.001 min

Response: 1687377

Conc: 16.27 ug/ml



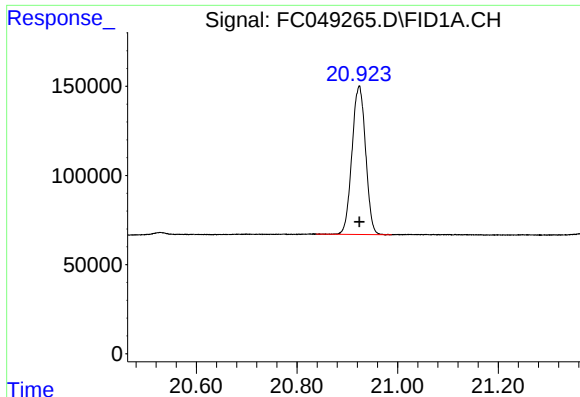
#20 n-Hexatriacontane (C36)

R.T.: 20.171 min

Delta R.T.: 0.000 min

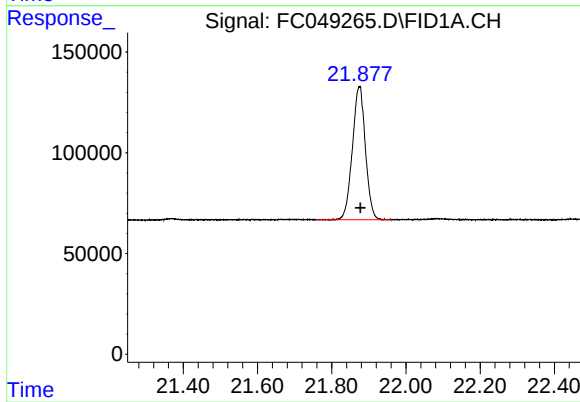
Response: 1614771

Conc: 16.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.923 min
Delta R.T.: 0.000 min
Response: 1560421
Conc: 16.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: -0.003 min
Response: 1607723
Conc: 16.84 ug/ml