

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120820AL\
 Data File : FC051187.D
 Signal(s) : FID1A.CH
 Acq On : 09 Dec 2020 3:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 05:00:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.588	2369772	19.260 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.023	1833304	18.793 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.341	2293799	21.554 ug/ml
2) T n-Decane (C10)	4.411	2304634	21.699 ug/ml
3) T A~Naphthalene (C11.7)	6.004	2428683	21.603 ug/ml
4) T n-Dodecane (C12)	6.430	2343468	21.538 ug/ml
5) T A~2-methylnaphthalene...	7.062	2391862	21.164 ug/ml
6) T n-Tetradecane (C14)	8.226	2311140	21.360 ug/ml
7) T n-Hexadecane (C16)	9.827	2248941	20.957 ug/ml
8) T n-Octadecane (C18)	11.269	2291971	20.095 ug/ml
10) T n-Eicosane (C20)	12.578	2240008	19.282 ug/ml
11) T n-Heneicosane (C21)	13.189	2201596	19.002 ug/ml
13) T n-Docosane (C22)	13.776	2161968	18.666 ug/ml
14) T n-Tetracosane (C24)	14.877	2103626	18.291 ug/ml
15) T n-Hexacosane (C26)	15.897	2051223	18.218 ug/ml
16) T n-Octacosane (C28)	16.846	2045274	18.471 ug/ml
17) T n-Tricontane (C30)	17.732	2035320	19.160 ug/ml
18) T n-Dotriacontane (C32)	18.564	1933517	19.788 ug/ml
19) T n-Tetratriacontane (C34)	19.347	1845635	20.679 ug/ml
20) T n-Hexatriacontane (C36)	20.085	1780256	21.345 ug/ml
21) T n-Octatriacontane (C38)	20.823	1683300	21.615 ug/ml
22) T n-Tetracontane (C40)	21.742	1659340	20.041 ug/ml

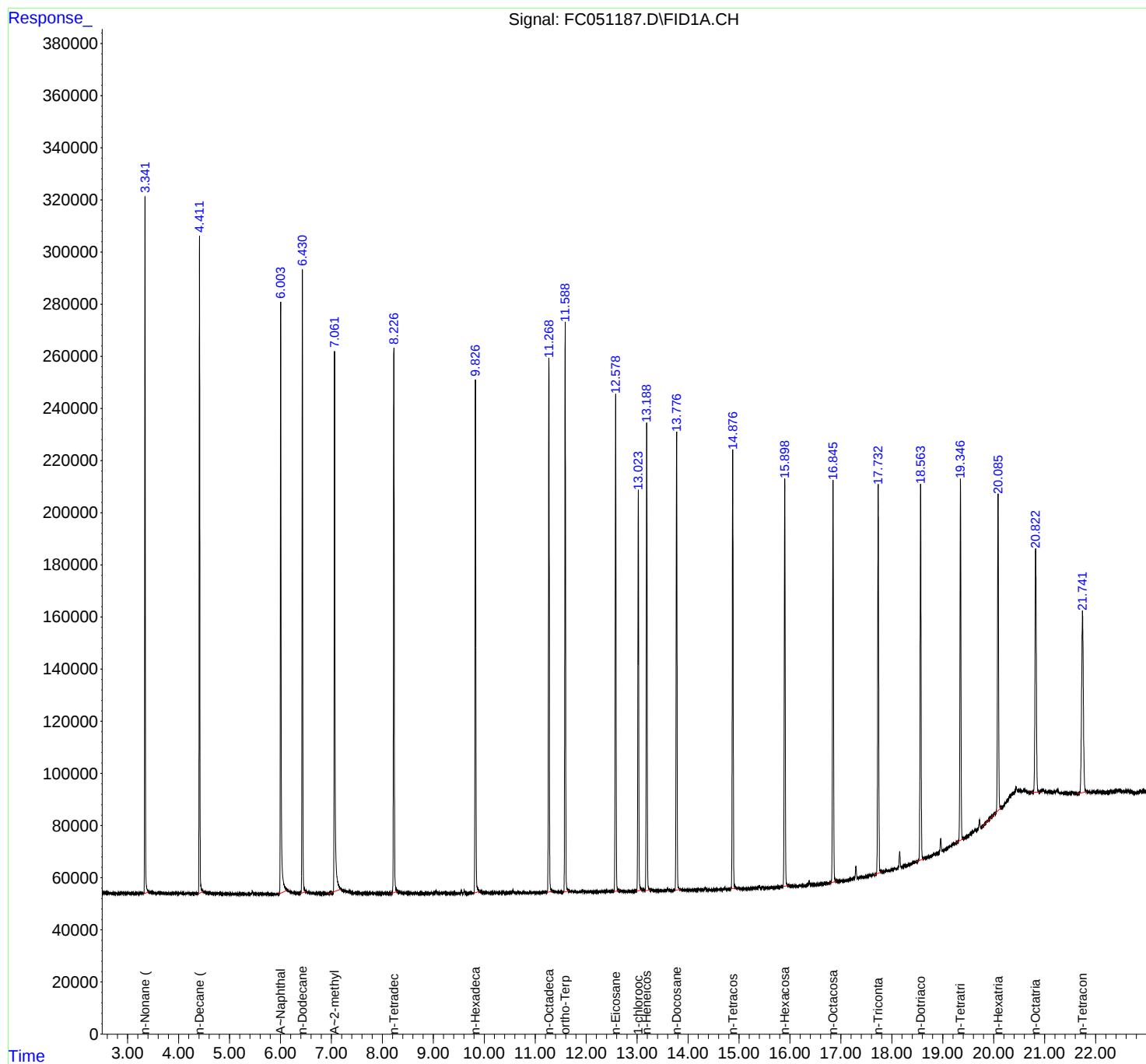
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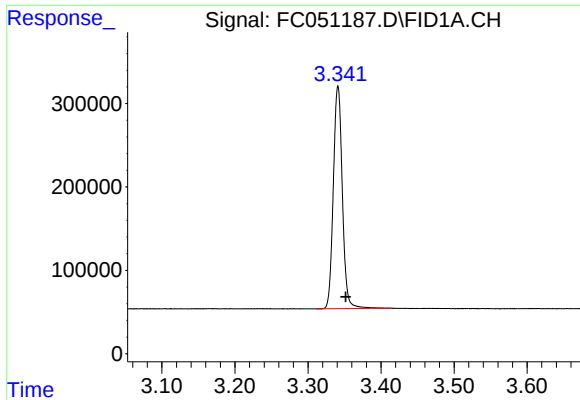
(m)=manual int.

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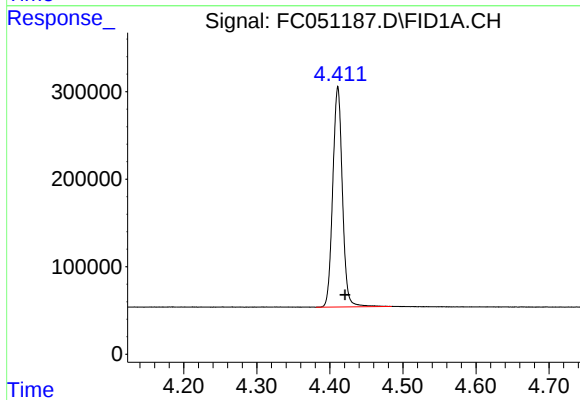
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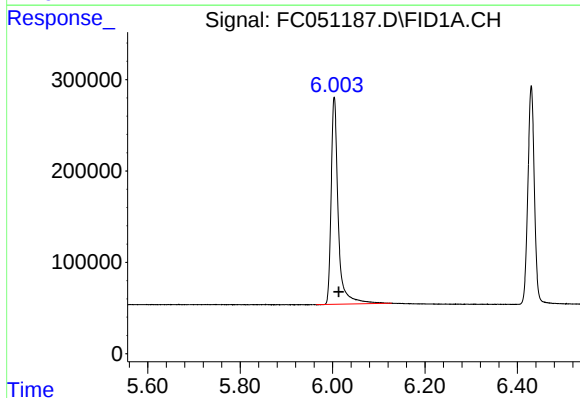
#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.011 min
Response: 2293799
Conc: 21.55 ug/ml



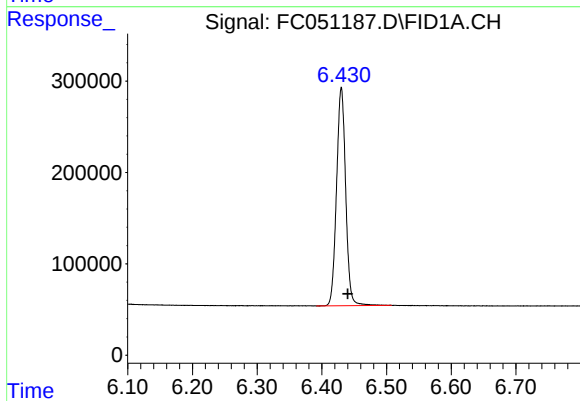
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.010 min
Response: 2304634
Conc: 21.70 ug/ml



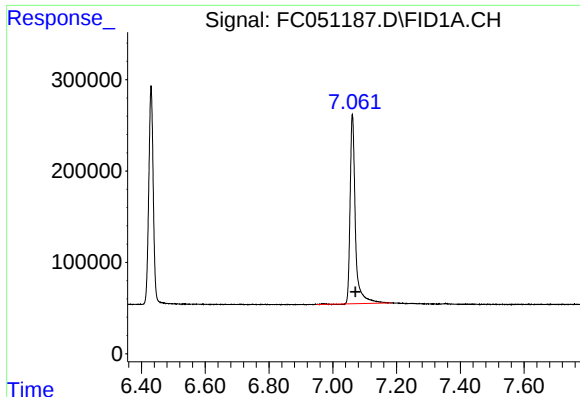
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: -0.010 min
Response: 2428683
Conc: 21.60 ug/ml



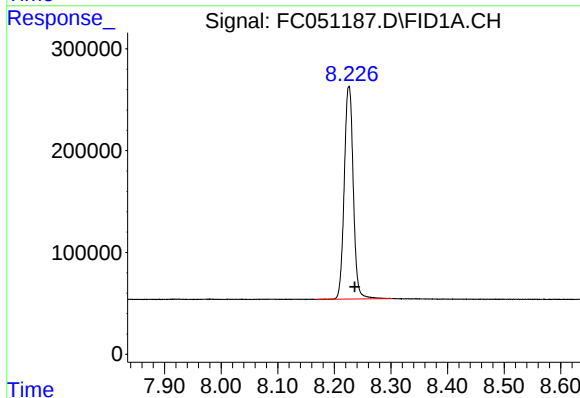
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.010 min
Response: 2343468
Conc: 21.54 ug/ml



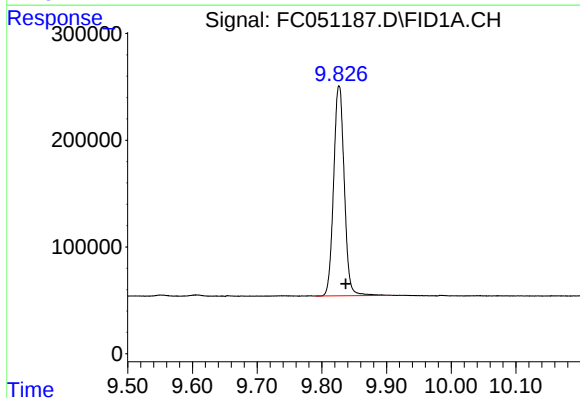
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.062 min
Delta R.T.: -0.010 min
Response: 2391862
Conc: 21.16 ug/ml



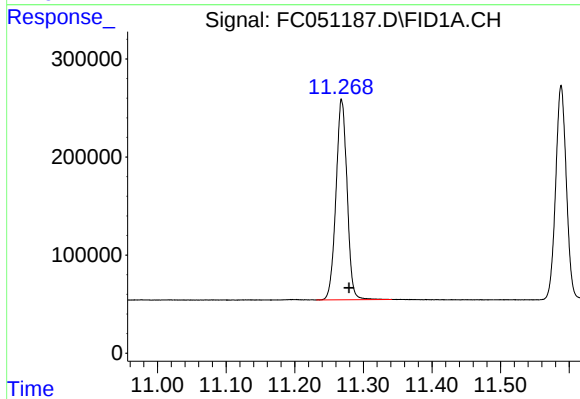
#6 n-Tetradecane (C14)

R.T.: 8.226 min
Delta R.T.: -0.010 min
Response: 2311140
Conc: 21.36 ug/ml



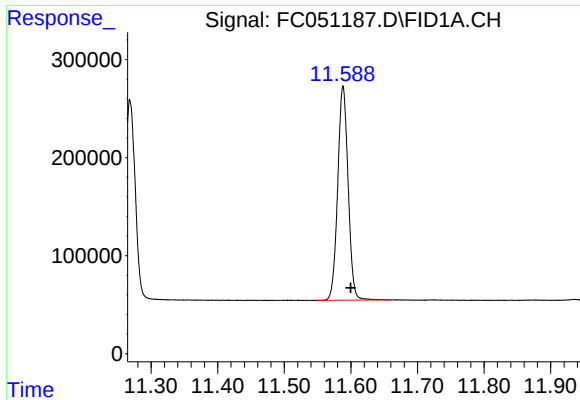
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: -0.010 min
Response: 2248941
Conc: 20.96 ug/ml



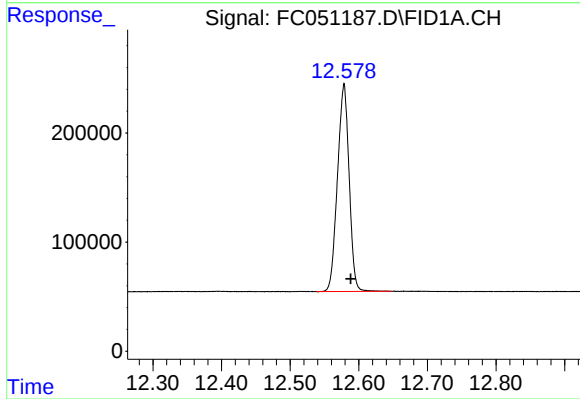
#8 n-Octadecane (C18)

R.T.: 11.269 min
Delta R.T.: -0.011 min
Response: 2291971
Conc: 20.09 ug/ml



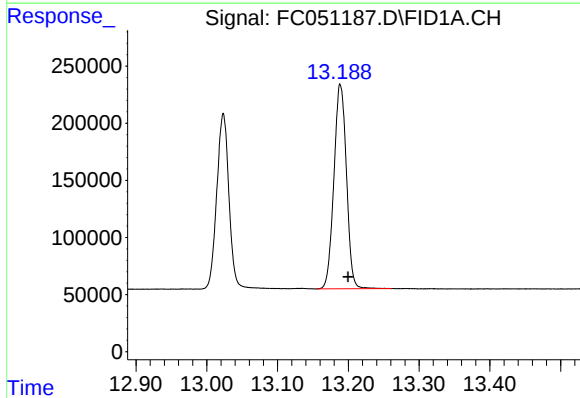
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.011 min
Response: 2369772
Conc: 19.26 ug/ml



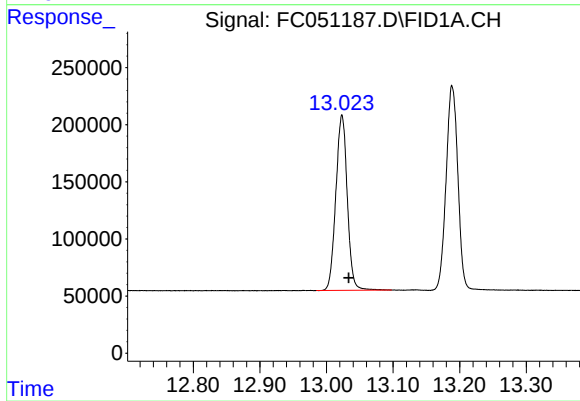
#10 n-Eicosane (C20)

R.T.: 12.578 min
Delta R.T.: -0.010 min
Response: 2240008
Conc: 19.28 ug/ml



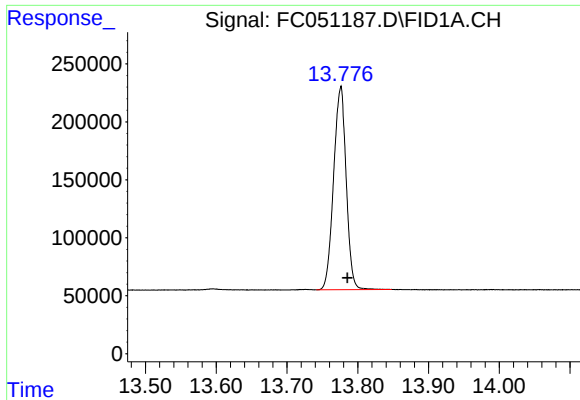
#11 n-Heneicosane (C21)

R.T.: 13.189 min
Delta R.T.: -0.011 min
Response: 2201596
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.023 min
Delta R.T.: -0.010 min
Response: 1833304
Conc: 18.79 ug/ml



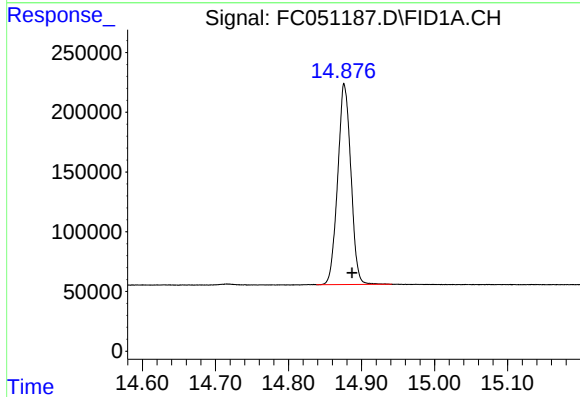
#13 n-Docosane (C22)

R.T.: 13.776 min

Delta R.T.: -0.010 min

Response: 2161968

Conc: 18.67 ug/ml



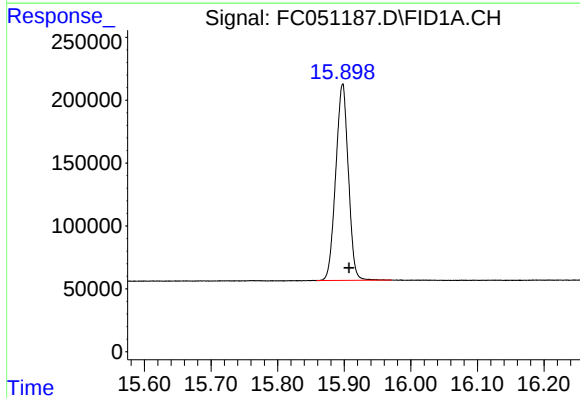
#14 n-Tetracosane (C24)

R.T.: 14.877 min

Delta R.T.: -0.010 min

Response: 2103626

Conc: 18.29 ug/ml



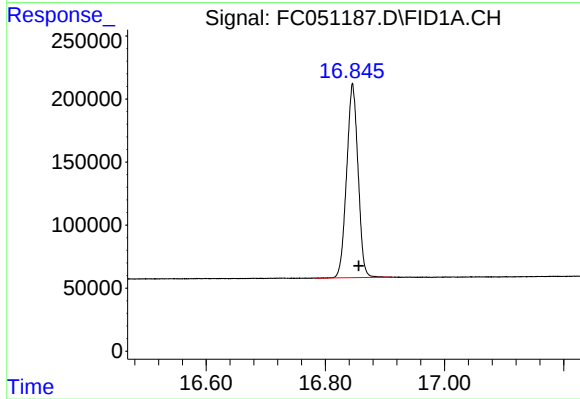
#15 n-Hexacosane (C26)

R.T.: 15.897 min

Delta R.T.: -0.010 min

Response: 2051223

Conc: 18.22 ug/ml



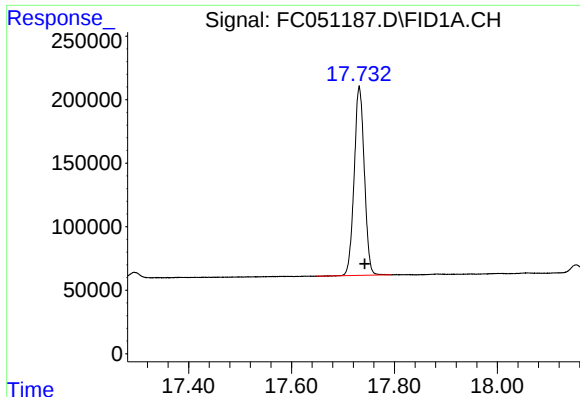
#16 n-Octacosane (C28)

R.T.: 16.846 min

Delta R.T.: -0.010 min

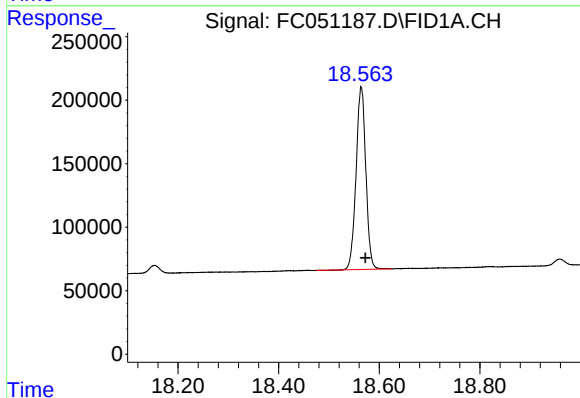
Response: 2045274

Conc: 18.47 ug/ml



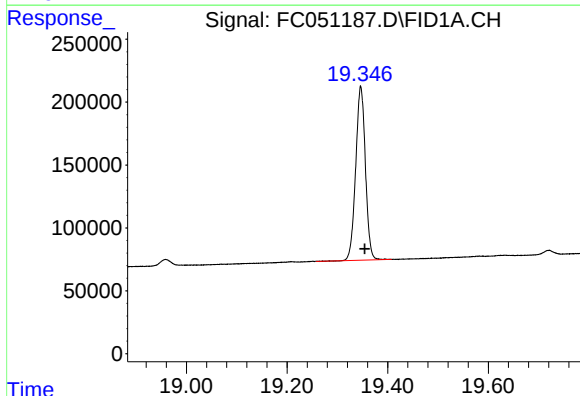
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.010 min
Response: 2035320
Conc: 19.16 ug/ml



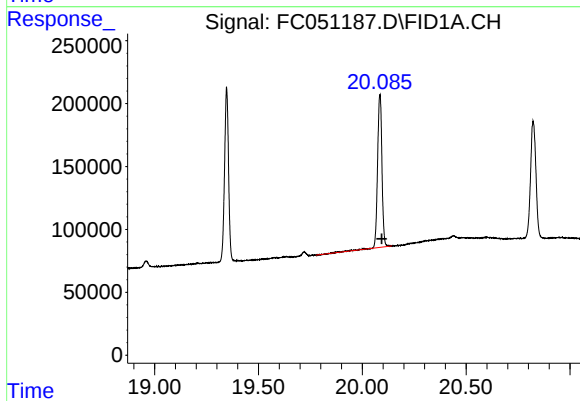
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.009 min
Response: 1933517
Conc: 19.79 ug/ml



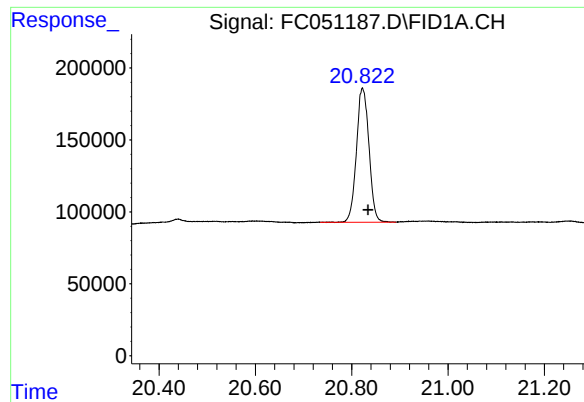
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.008 min
Response: 1845635
Conc: 20.68 ug/ml



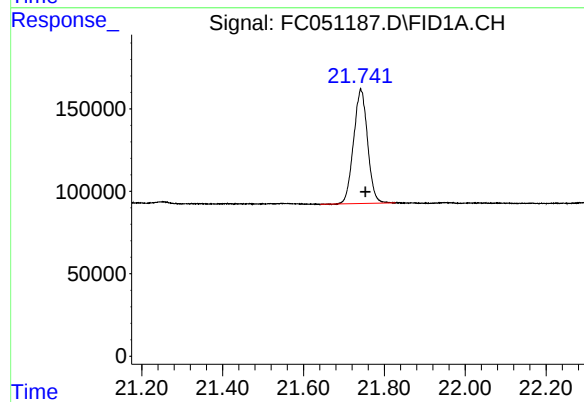
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.009 min
Response: 1780256
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.012 min
Response: 1683300
Conc: 21.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.011 min
Response: 1659340
Conc: 20.04 ug/ml