

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090319AL\
 Data File : FC043280.D
 Signal(s) : FID1A.CH
 Acq On : 03 Sep 2019 11:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 04 01:43:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.616	2534939	17.705 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
12) S 1-chlorooctadecane (S...	13.039	1905473	17.441 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
Target Compounds			
1) T n-Nonane (C9)	3.445	2373940	19.932 ug/ml
2) T n-Decane (C10)	4.502	2376104	19.982 ug/ml
3) T A-Naphthalene (C11.7)	6.083	2444404	20.039 ug/ml
4) T n-Dodecane (C12)	6.499	2416951	19.756 ug/ml
5) T A~2-methylnaphthalene...	7.130	2448452	19.946 ug/ml
6) T n-Tetradecane (C14)	8.278	2399929	19.414 ug/ml
7) T n-Hexadecane (C16)	9.865	2382961	19.113 ug/ml
8) T n-Octadecane (C18)	11.296	2360153	18.555 ug/ml
10) T n-Eicosane (C20)	12.596	2305314	17.957 ug/ml
11) T n-Heneicosane (C21)	13.204	2288176	17.668 ug/ml
13) T n-Docosane (C22)	13.786	2242103	17.453 ug/ml
14) T n-Tetracosane (C24)	14.883	2183948	17.047 ug/ml
15) T n-Hexacosane (C26)	15.897	2109937	16.753 ug/ml
16) T n-Octacosane (C28)	16.842	2049167	16.689 ug/ml
17) T n-Tricontane (C30)	17.725	2036023	16.881 ug/ml
18) T n-Dotriacontane (C32)	18.555	1989928	17.445 ug/ml
19) T n-Tetratriacontane (C34)	19.334	1943352	18.062 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1929926	18.330 ug/ml
21) T n-Octatriacontane (C38)	20.802	1978724	21.150 ug/ml
22) T n-Tetracontane (C40)	21.704	1940578	20.085 ug/ml

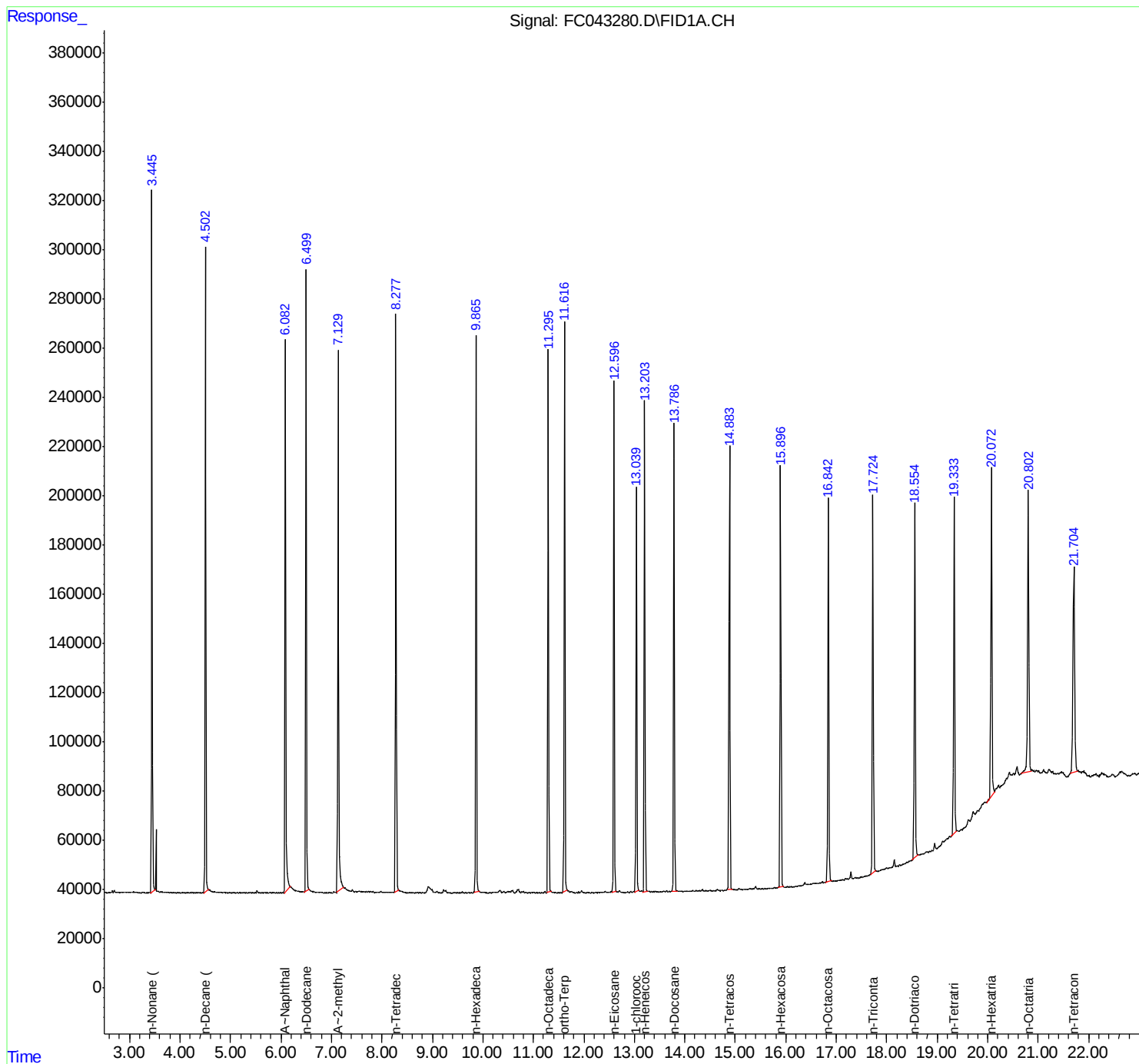
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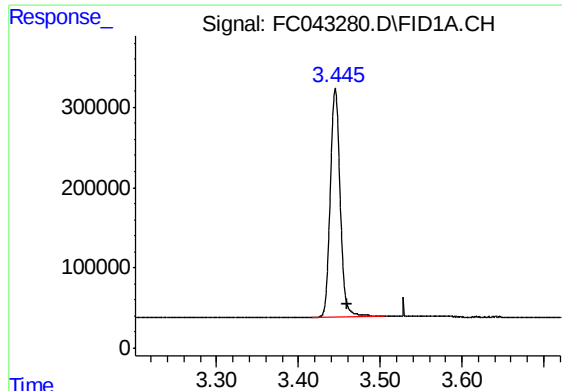
(m)=manual int.

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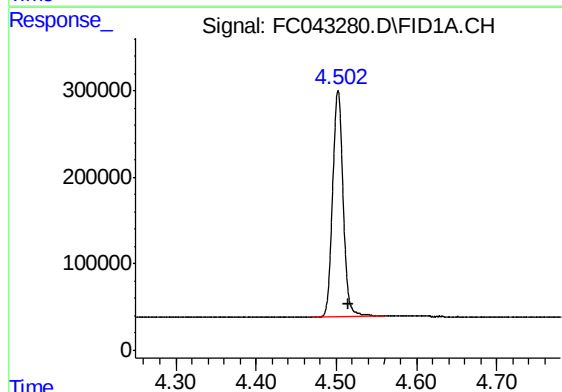
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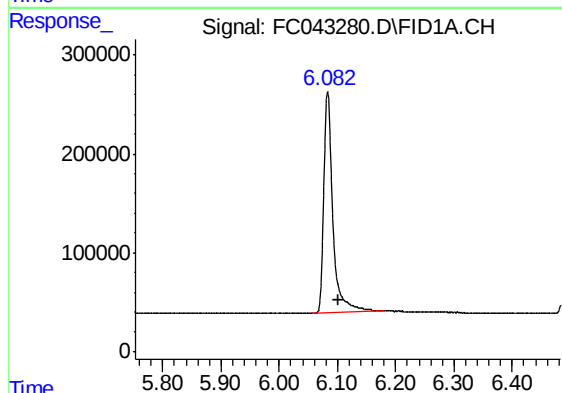
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: -0.014 min
Response: 2373940
Conc: 19.93 ug/ml



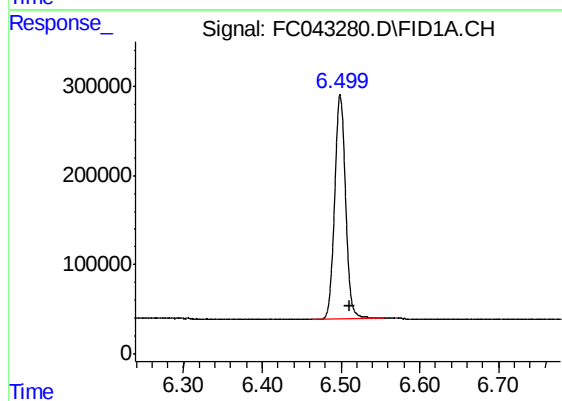
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.013 min
Response: 2376104
Conc: 19.98 ug/ml



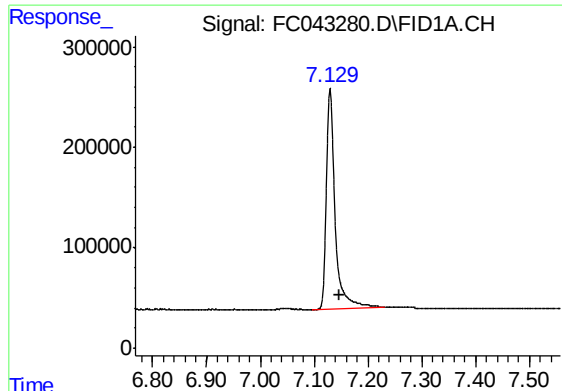
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.018 min
Response: 2444404
Conc: 20.04 ug/ml



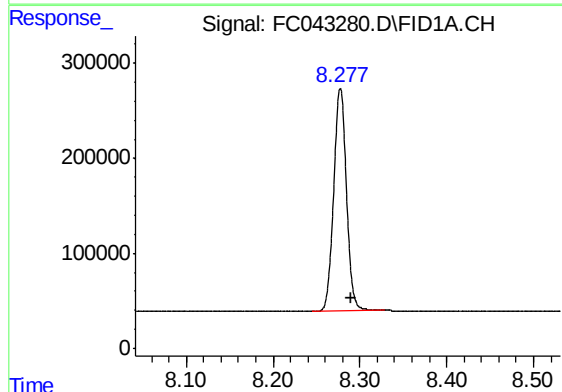
#4 n-Dodecane (C12)

R.T.: 6.499 min
Delta R.T.: -0.013 min
Response: 2416951
Conc: 19.76 ug/ml



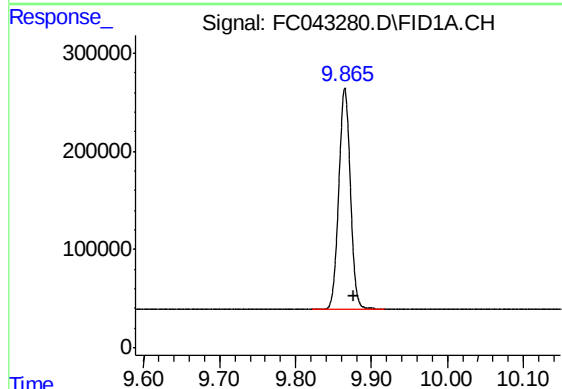
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: -0.018 min
Response: 2448452
Conc: 19.95 ug/ml



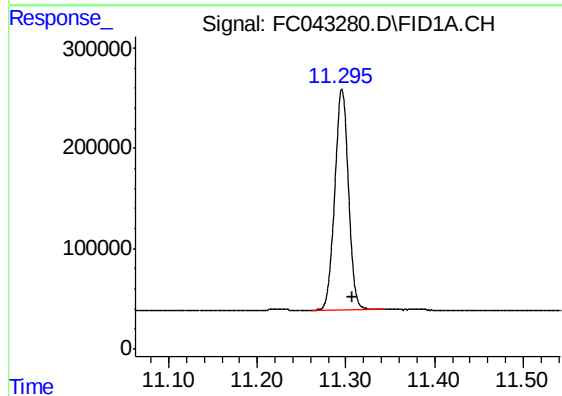
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 2399929
Conc: 19.41 ug/ml



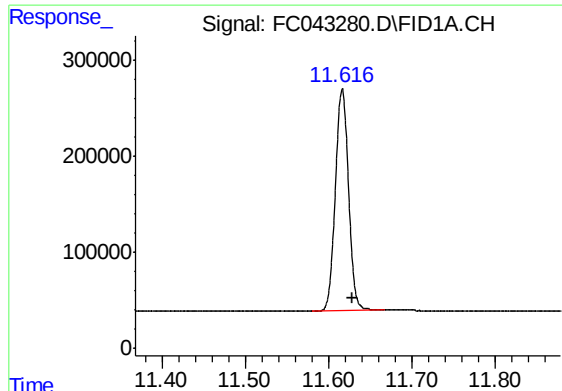
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.012 min
Response: 2382961
Conc: 19.11 ug/ml



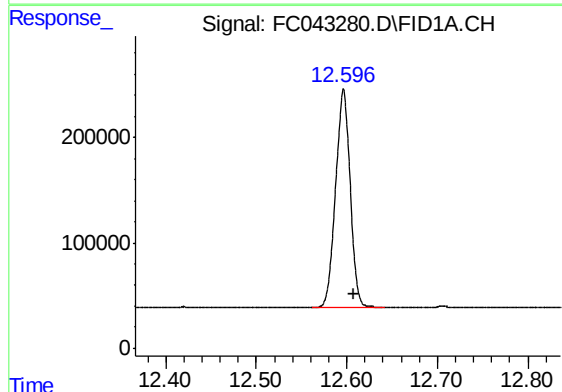
#8 n-Octadecane (C18)

R.T.: 11.296 min
Delta R.T.: -0.012 min
Response: 2360153
Conc: 18.56 ug/ml



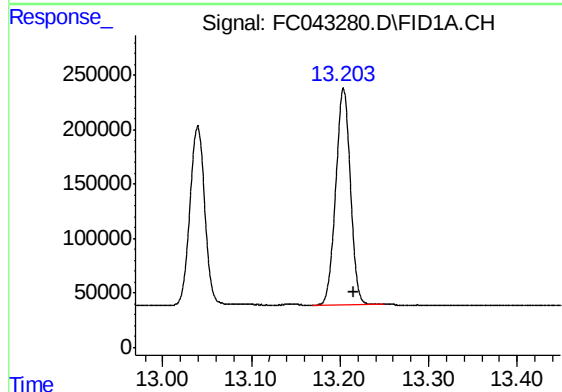
#9 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.013 min
Response: 2534939
Conc: 17.70 ug/ml



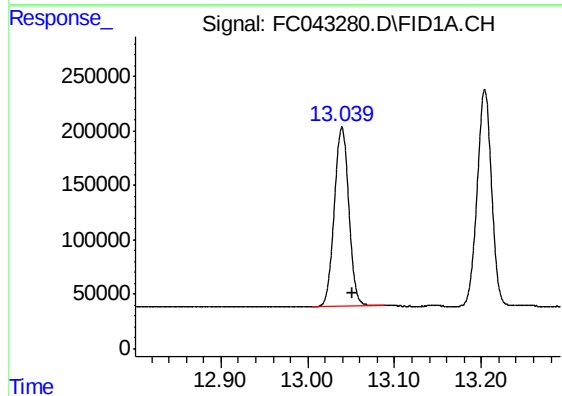
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.011 min
Response: 2305314
Conc: 17.96 ug/ml



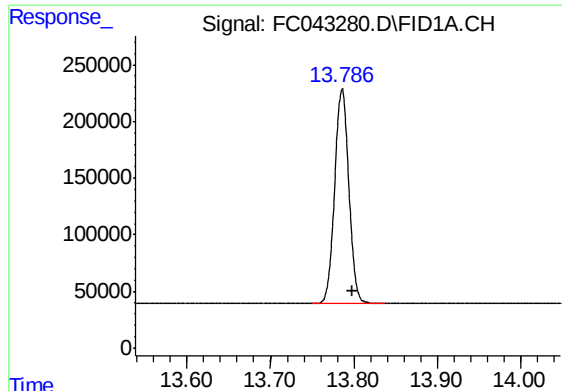
#11 n-Heneicosane (C21)

R.T.: 13.204 min
Delta R.T.: -0.011 min
Response: 2288176
Conc: 17.67 ug/ml



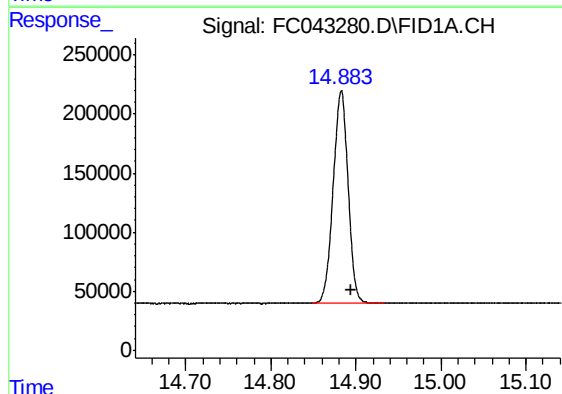
#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min
Delta R.T.: -0.012 min
Response: 1905473
Conc: 17.44 ug/ml



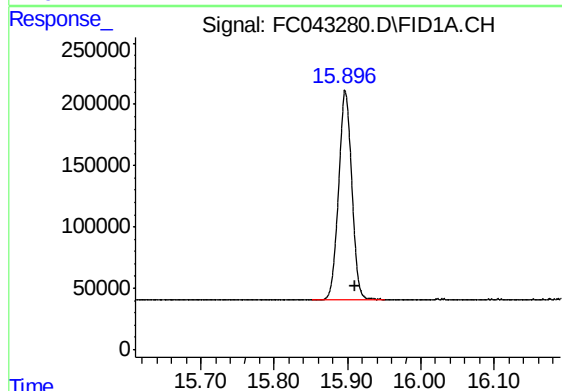
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: -0.012 min
Response: 2242103
Conc: 17.45 ug/ml



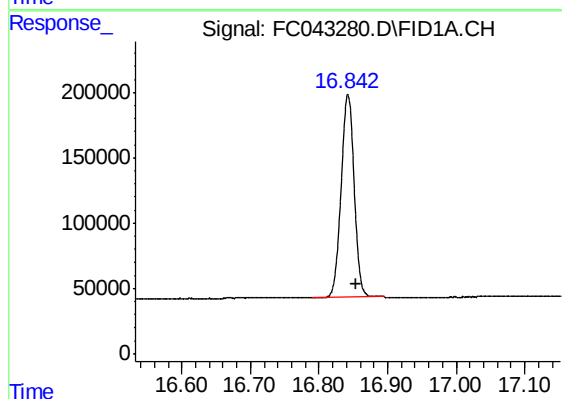
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: -0.012 min
Response: 2183948
Conc: 17.05 ug/ml



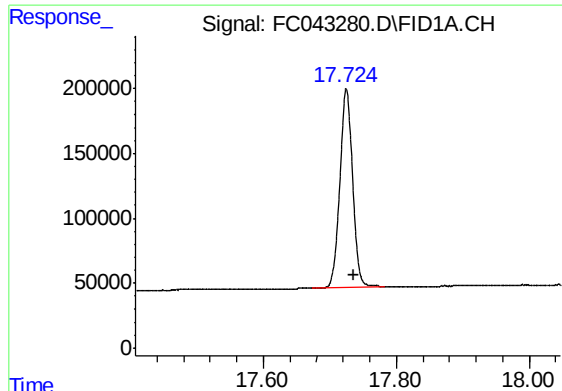
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.012 min
Response: 2109937
Conc: 16.75 ug/ml



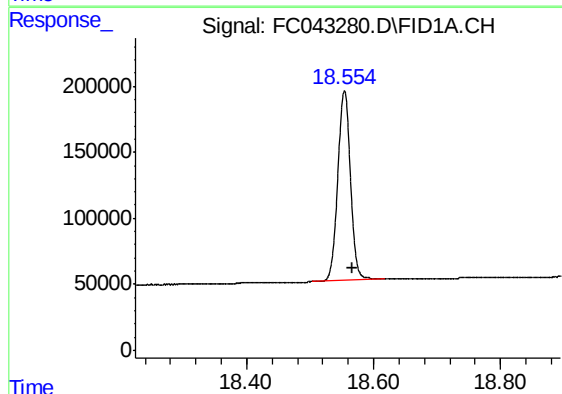
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: -0.012 min
Response: 2049167
Conc: 16.69 ug/ml



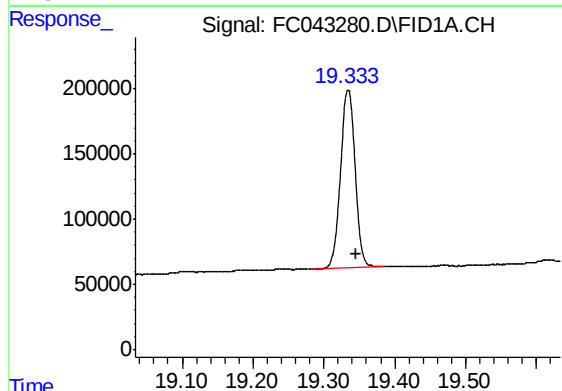
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.011 min
Response: 2036023
Conc: 16.88 ug/ml



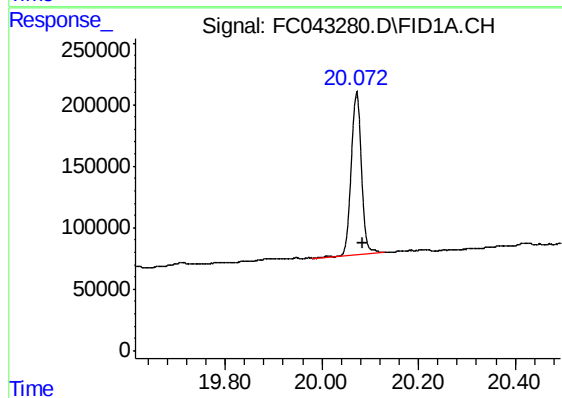
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.011 min
Response: 1989928
Conc: 17.45 ug/ml



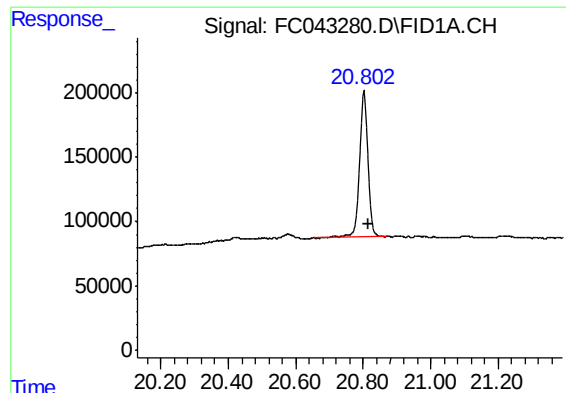
#19 n-Tetatriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.012 min
Response: 1943352
Conc: 18.06 ug/ml



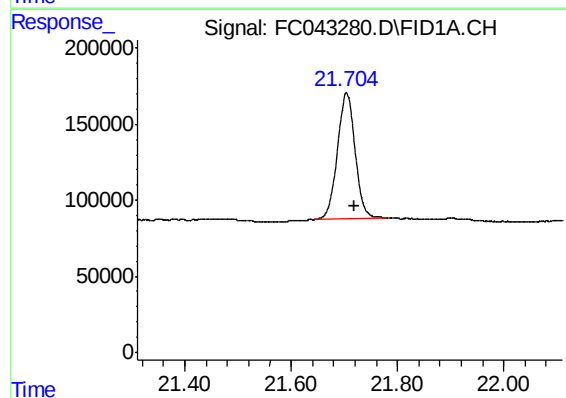
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.012 min
Response: 1929926
Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.013 min
Response: 1978724
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.016 min
Response: 1940578
Conc: 20.09 ug/ml