

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011420AL\
 Data File : FC045302.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jan 2020 10:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 14 22:19:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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)	11.761	2236449	19.719 ug/ml
Spiked Amount 50.000		Recovery =	39.44%
12) S 1-chlorooctadecane (S...	13.184	1731522	19.419 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.513	2115474	21.009 ug/ml
2) T n-Decane (C10)	4.586	2142901	21.242 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2364546	21.101 ug/ml
4) T n-Dodecane (C12)	6.604	2172464	21.343 ug/ml
5) T A~2-methylnaphthalene...	7.244	2366940	20.999 ug/ml
6) T n-Tetradecane (C14)	8.395	2176407	21.353 ug/ml
7) T n-Hexadecane (C16)	9.991	2176616	21.141 ug/ml
8) T n-Octadecane (C18)	11.430	2160591	20.775 ug/ml
10) T n-Eicosane (C20)	12.737	2124164	20.303 ug/ml
11) T n-Heneicosane (C21)	13.347	2086640	19.730 ug/ml
13) T n-Docosane (C22)	13.932	2096257	19.826 ug/ml
14) T n-Tetracosane (C24)	15.033	2097391	19.631 ug/ml
15) T n-Hexacosane (C26)	16.051	2126650	19.940 ug/ml
16) T n-Octacosane (C28)	16.998	2100495	19.889 ug/ml
17) T n-Tricontane (C30)	17.883	1936456	18.996 ug/ml
18) T n-Dotriacontane (C32)	18.712	1625997	18.795 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1329733	18.152 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1207446	18.373 ug/ml
21) T n-Octatriacontane (C38)	21.001	1125691	19.060 ug/ml
22) T n-Tetracontane (C40)	21.967	1136465	19.216 ug/ml

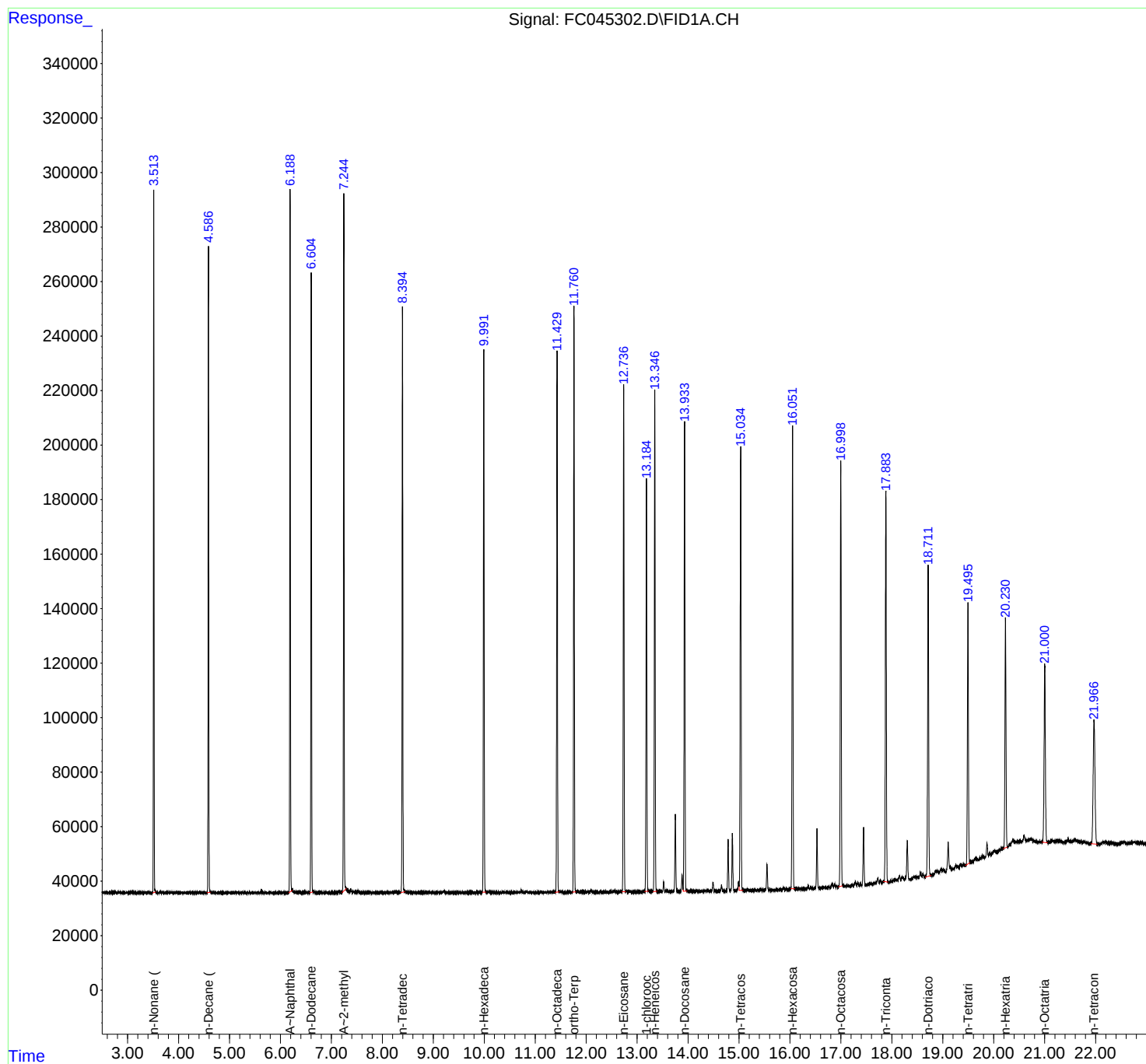
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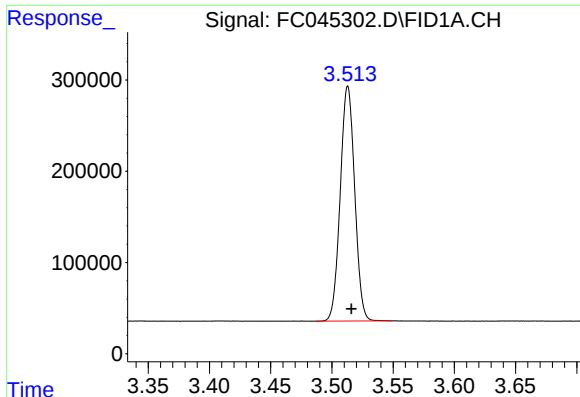
(m)=manual int.

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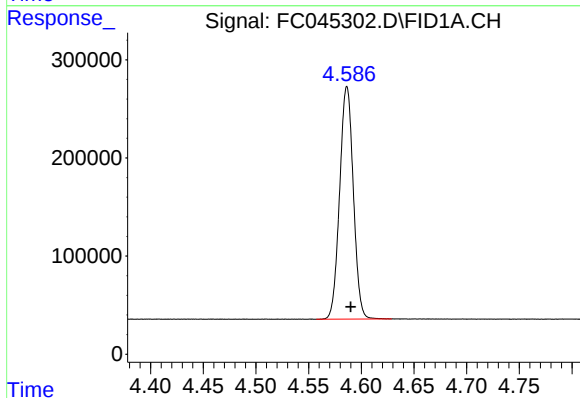
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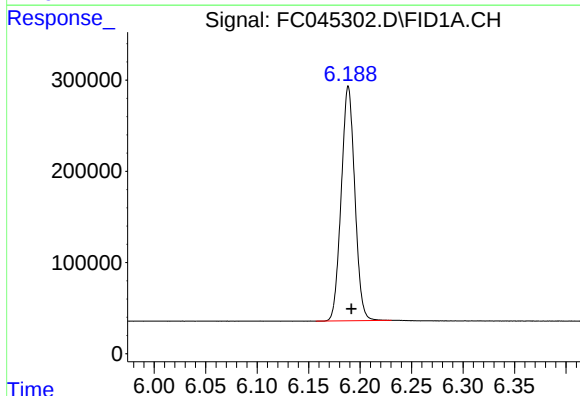
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2115474
Conc: 21.01 ug/ml



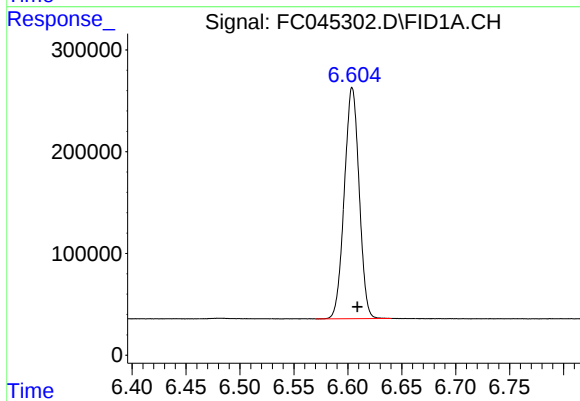
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 2142901
Conc: 21.24 ug/ml



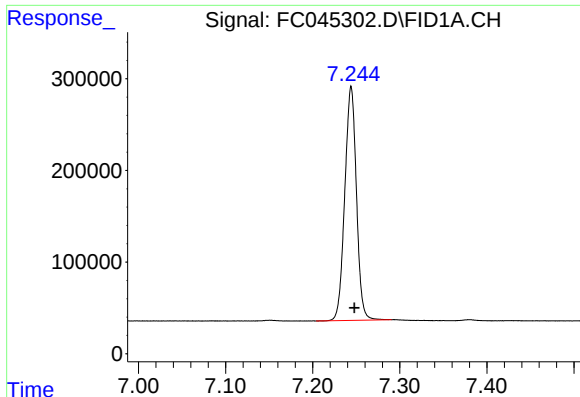
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 2364546
Conc: 21.10 ug/ml



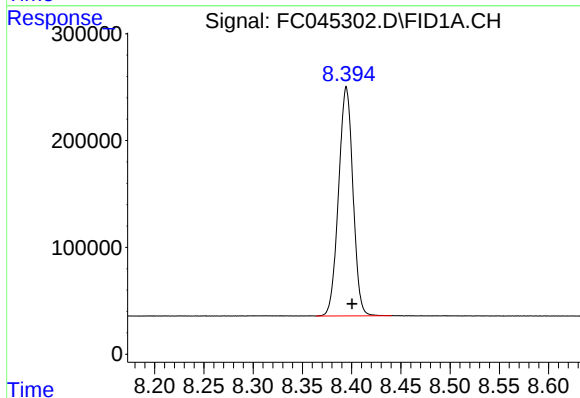
#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 2172464
Conc: 21.34 ug/ml



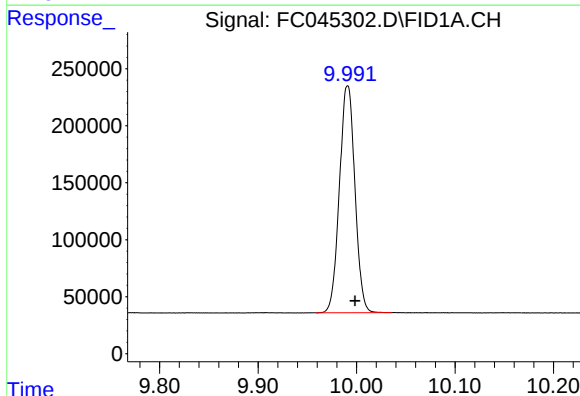
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2366940
Conc: 21.00 ug/ml



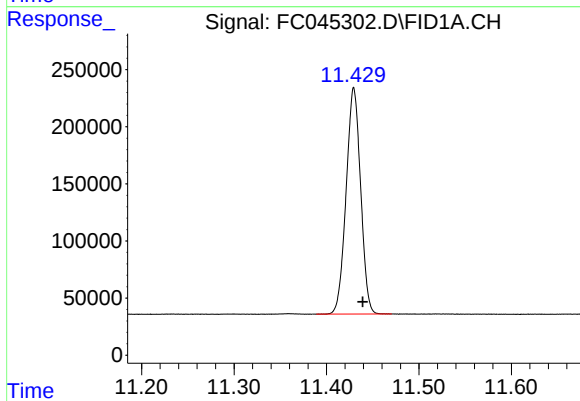
#6 n-Tetradecane (C14)

R.T.: 8.395 min
Delta R.T.: -0.006 min
Response: 2176407
Conc: 21.35 ug/ml



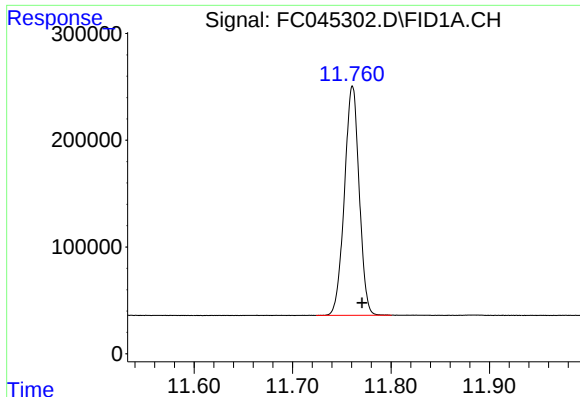
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 2176616
Conc: 21.14 ug/ml



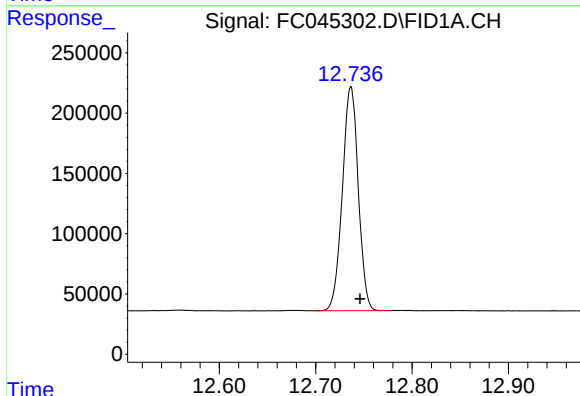
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: -0.009 min
Response: 2160591
Conc: 20.78 ug/ml



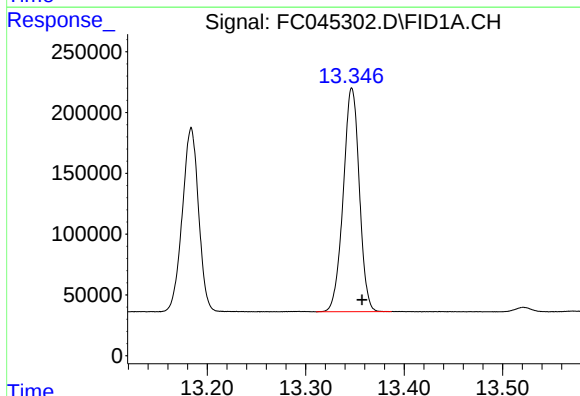
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: -0.010 min
Response: 2236449
Conc: 19.72 ug/ml



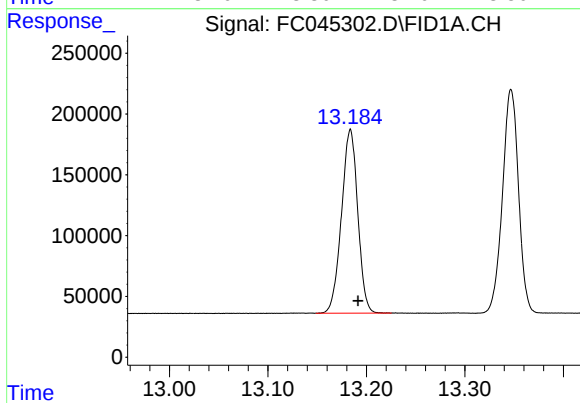
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.009 min
Response: 2124164
Conc: 20.30 ug/ml



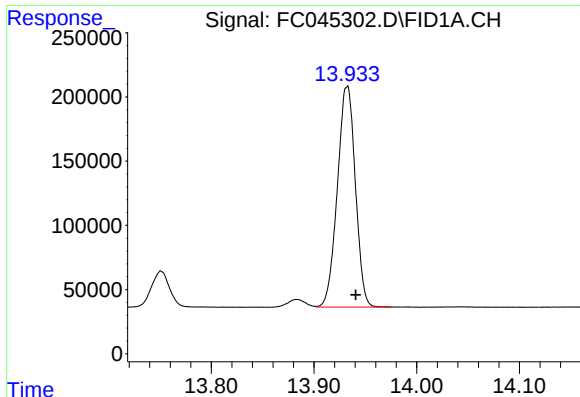
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.010 min
Response: 2086640
Conc: 19.73 ug/ml



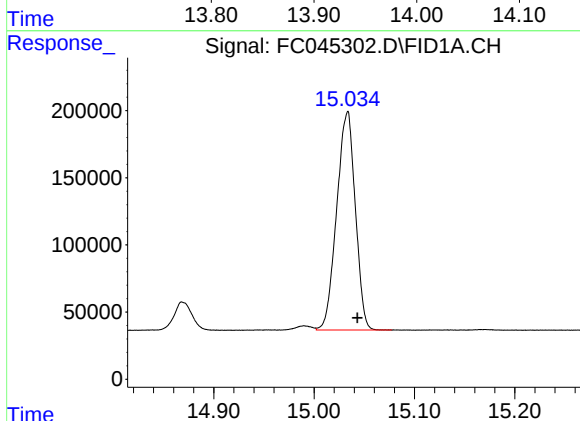
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.008 min
Response: 1731522
Conc: 19.42 ug/ml



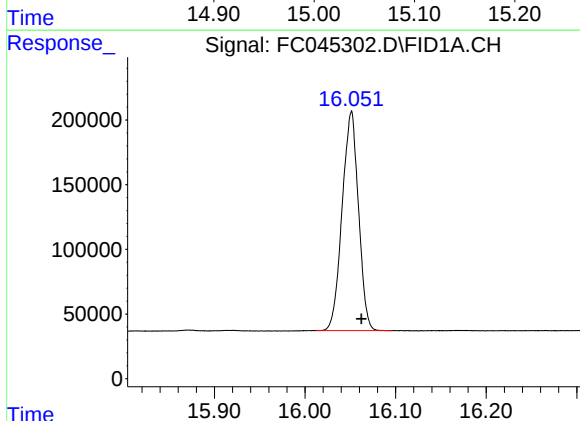
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: -0.009 min
Response: 2096257
Conc: 19.83 ug/ml



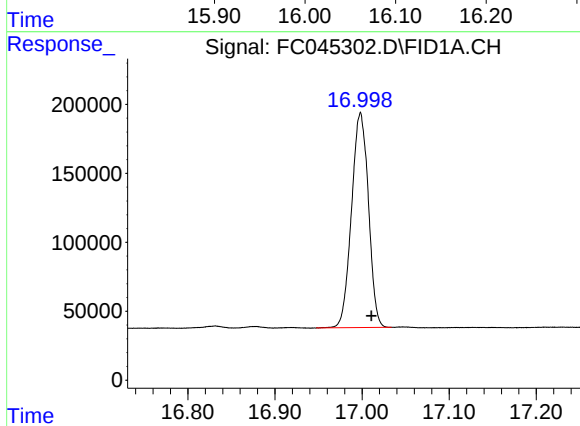
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.010 min
Response: 2097391
Conc: 19.63 ug/ml



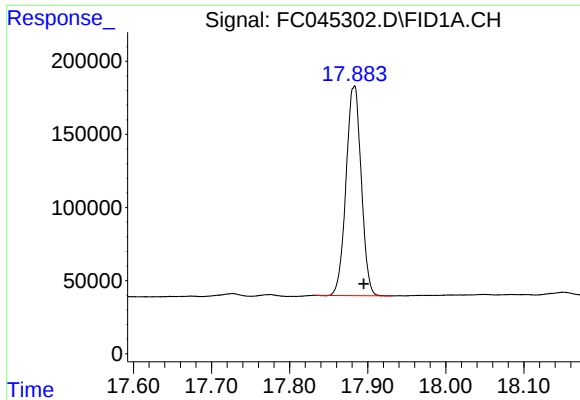
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.011 min
Response: 2126650
Conc: 19.94 ug/ml



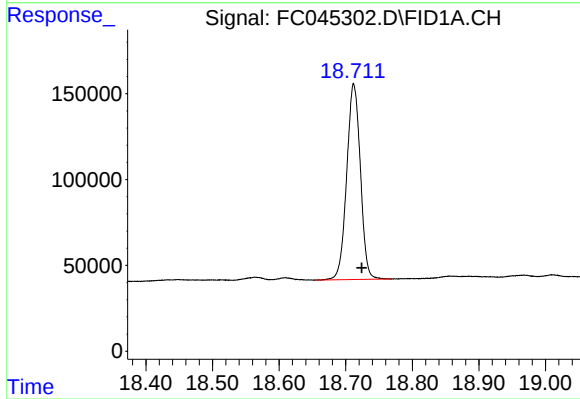
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.012 min
Response: 2100495
Conc: 19.89 ug/ml



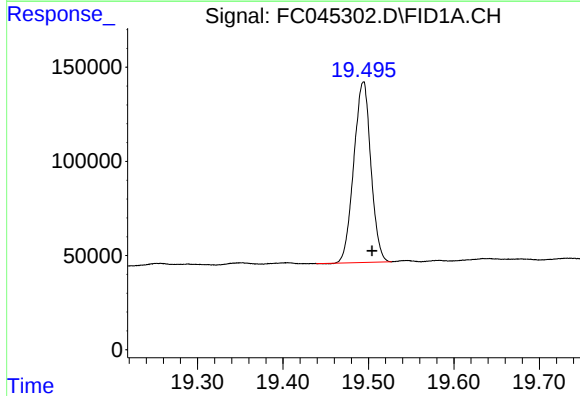
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: -0.012 min
Response: 1936456
Conc: 19.00 ug/ml



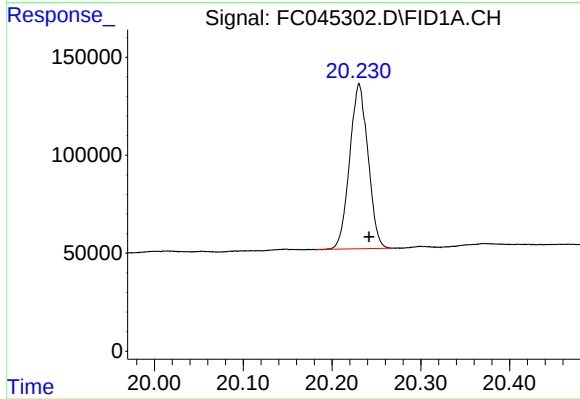
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.012 min
Response: 1625997
Conc: 18.80 ug/ml



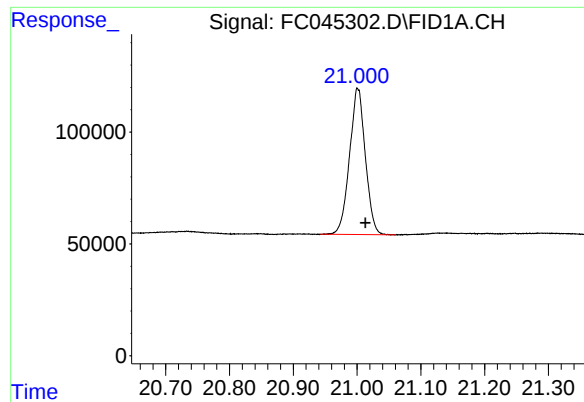
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.010 min
Response: 1329733
Conc: 18.15 ug/ml



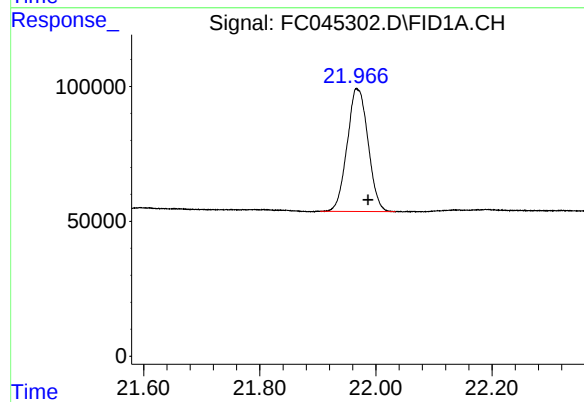
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min
Delta R.T.: -0.011 min
Response: 1207446
Conc: 18.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.001 min
Delta R.T.: -0.012 min
Response: 1125691
Conc: 19.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: -0.020 min
Response: 1136465
Conc: 19.22 ug/ml