

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022820AL\
 Data File : FC046026.D
 Signal(s) : FID1A.CH
 Acq On : 29 Feb 2020 6:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 00:03:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.763	2235729	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.182	1727117	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.534	2076235	20.597 ug/ml
2) T n-Decane (C10)	4.605	2106473	20.885 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2302476	20.736 ug/ml
4) T n-Dodecane (C12)	6.616	2129428	20.873 ug/ml
5) T A~2-methylnaphthalene...	7.257	2338738	21.025 ug/ml
6) T n-Tetradecane (C14)	8.402	2124974	20.758 ug/ml
7) T n-Hexadecane (C16)	9.995	2120502	20.481 ug/ml
8) T n-Octadecane (C18)	11.431	2111154	20.083 ug/ml
10) T n-Eicosane (C20)	12.735	2073414	19.614 ug/ml
11) T n-Heneicosane (C21)	13.346	2063843	19.350 ug/ml
13) T n-Docosane (C22)	13.929	2029243	19.097 ug/ml
14) T n-Tetracosane (C24)	15.029	1986515	18.561 ug/ml
15) T n-Hexacosane (C26)	16.046	1930394	18.163 ug/ml
16) T n-Octacosane (C28)	16.994	1889990	18.052 ug/ml
17) T n-Tricontane (C30)	17.877	1860424	18.462 ug/ml
18) T n-Dotriacontane (C32)	18.707	1612479	18.841 ug/ml
19) T n-Tetratriacontane (C34)	19.485	1366435	18.827 ug/ml
20) T n-Hexatriacontane (C36)	20.223	1251321	18.503 ug/ml
21) T n-Octatriacontane (C38)	20.990	1162023	19.225 ug/ml
22) T n-Tetracontane (C40)	21.957	1188206	18.899 ug/ml

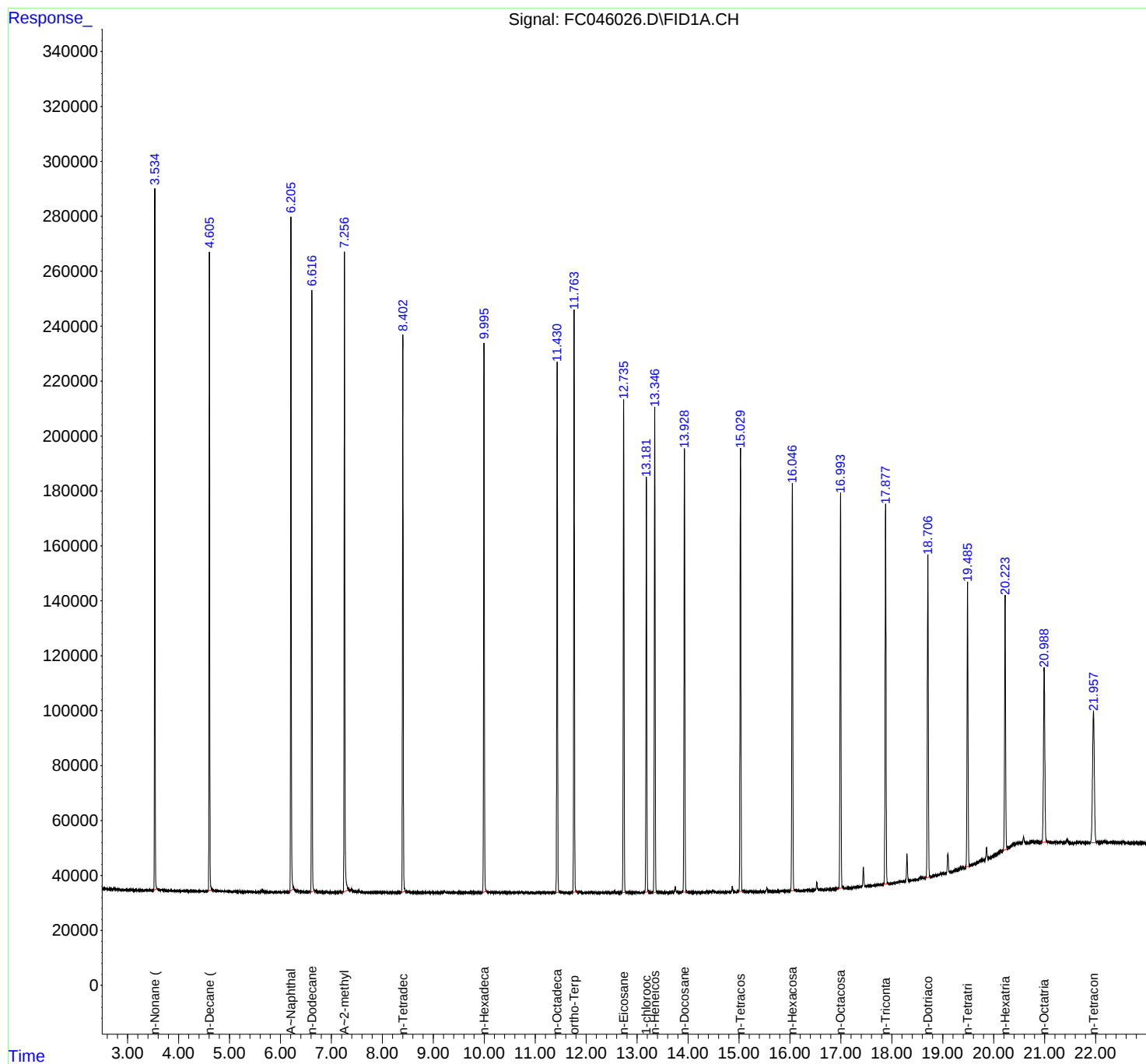
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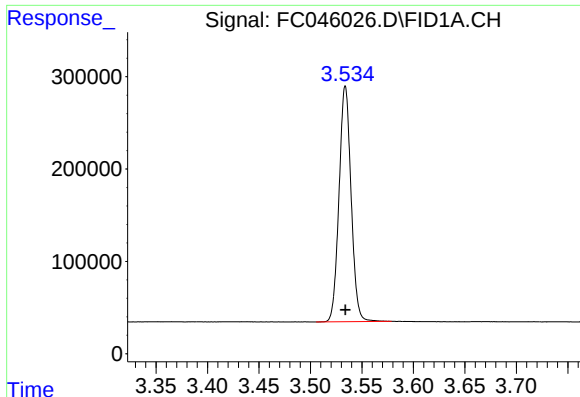
(m)=manual int.

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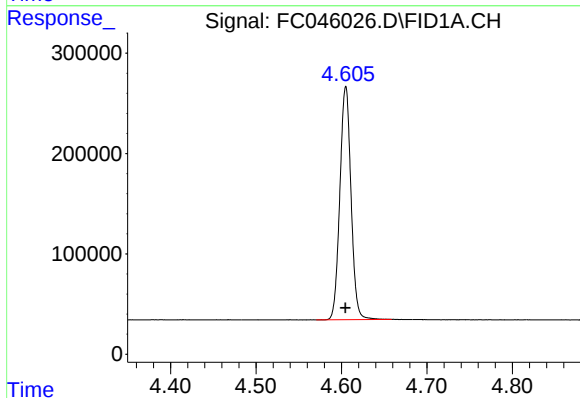
Volume Inj. : 1 ul
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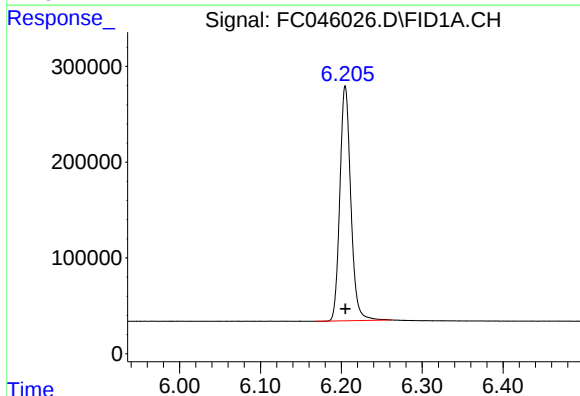
#1 n-Nonane (C9)

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 2076235
Conc: 20.60 ug/ml



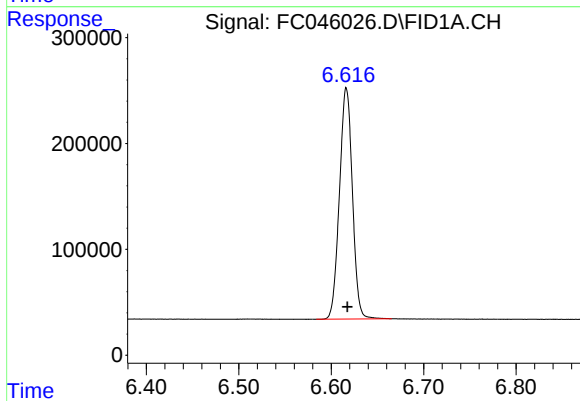
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2106473
Conc: 20.88 ug/ml



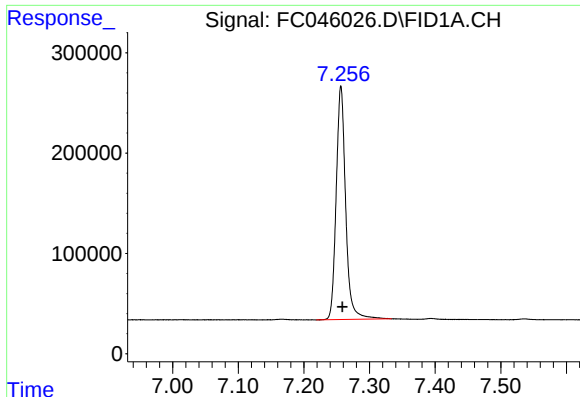
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2302476
Conc: 20.74 ug/ml



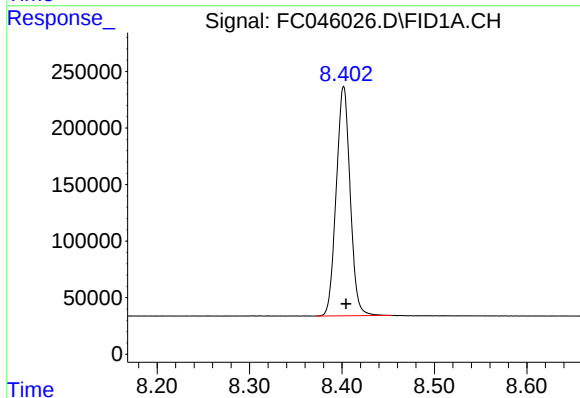
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2129428
Conc: 20.87 ug/ml



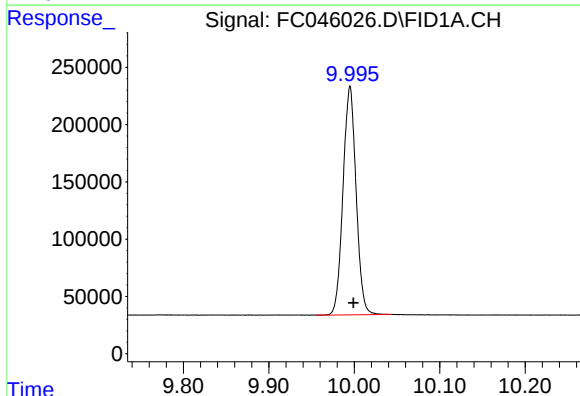
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 2338738
Conc: 21.03 ug/ml



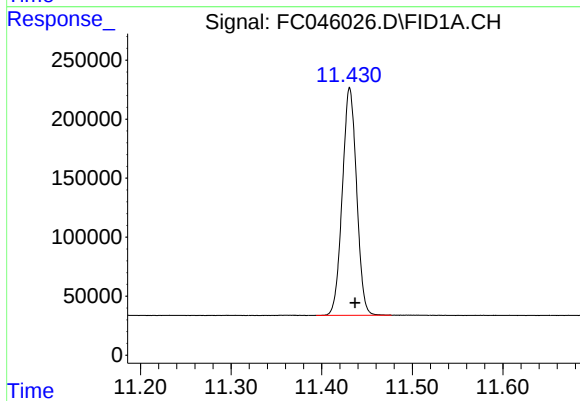
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: -0.003 min
Response: 2124974
Conc: 20.76 ug/ml



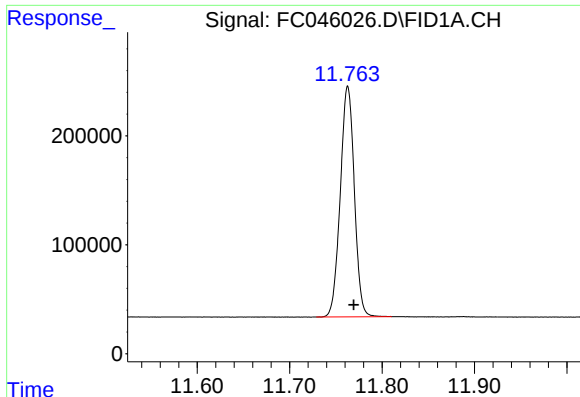
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.004 min
Response: 2120502
Conc: 20.48 ug/ml



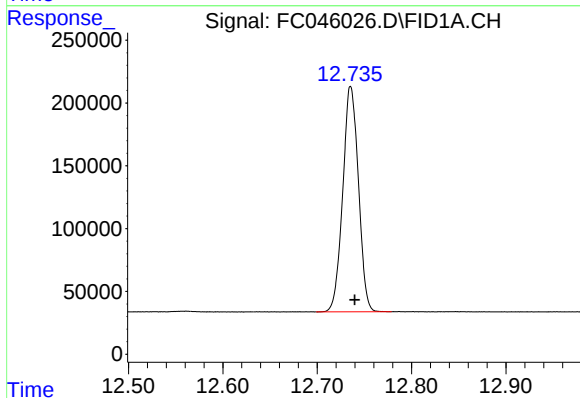
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.006 min
Response: 2111154
Conc: 20.08 ug/ml



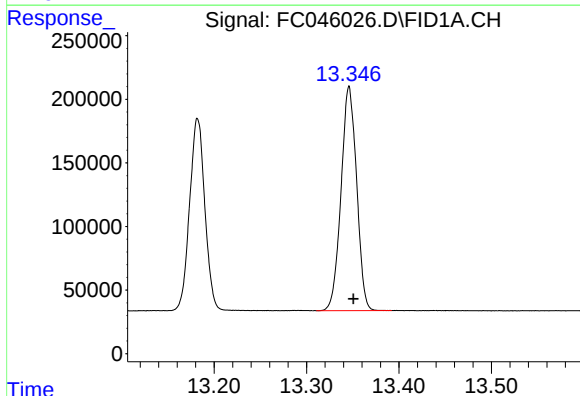
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: -0.007 min
Response: 2235729
Conc: 19.60 ug/ml



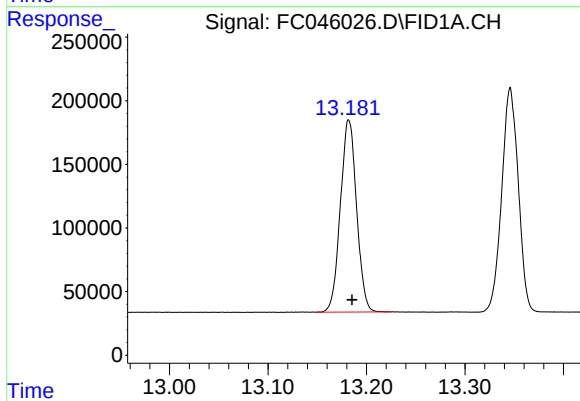
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.004 min
Response: 2073414
Conc: 19.61 ug/ml



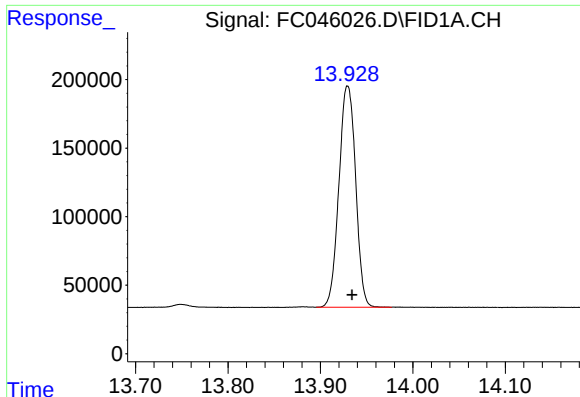
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.005 min
Response: 2063843
Conc: 19.35 ug/ml



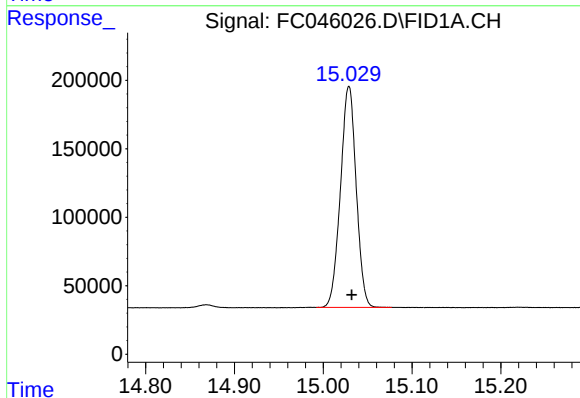
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: -0.003 min
Response: 1727117
Conc: 19.25 ug/ml



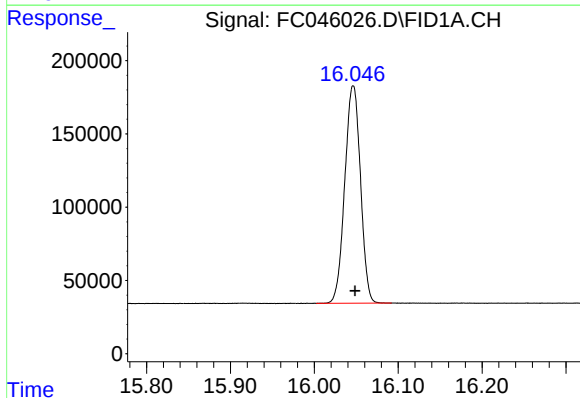
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: -0.005 min
Response: 2029243
Conc: 19.10 ug/ml



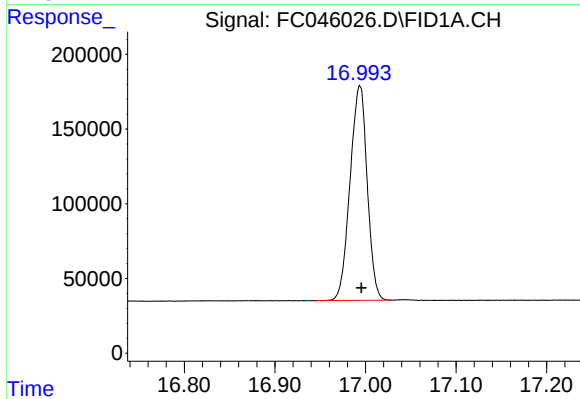
#14 n-Tetracosane (C24)

R.T.: 15.029 min
Delta R.T.: -0.003 min
Response: 1986515
Conc: 18.56 ug/ml



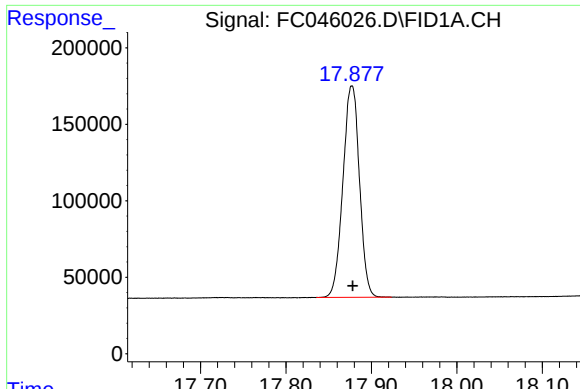
#15 n-Hexacosane (C26)

R.T.: 16.046 min
Delta R.T.: -0.002 min
Response: 1930394
Conc: 18.16 ug/ml



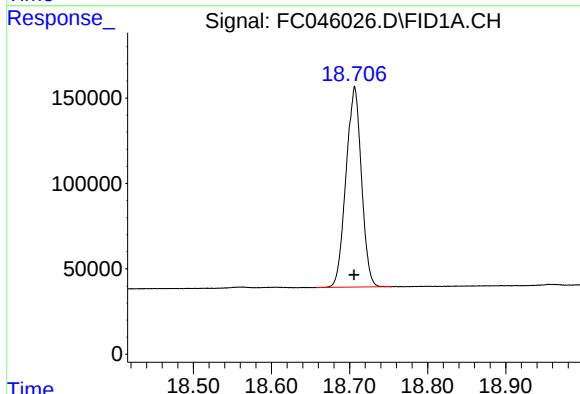
#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.002 min
Response: 1889990
Conc: 18.05 ug/ml



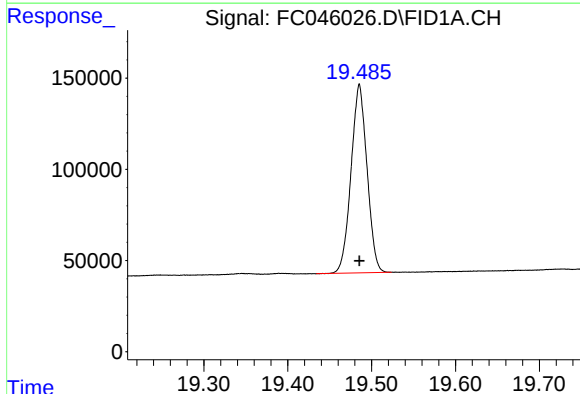
#17 n-Tricontane (C30)

R.T.: 17.877 min
Delta R.T.: -0.001 min
Response: 1860424
Conc: 18.46 ug/ml



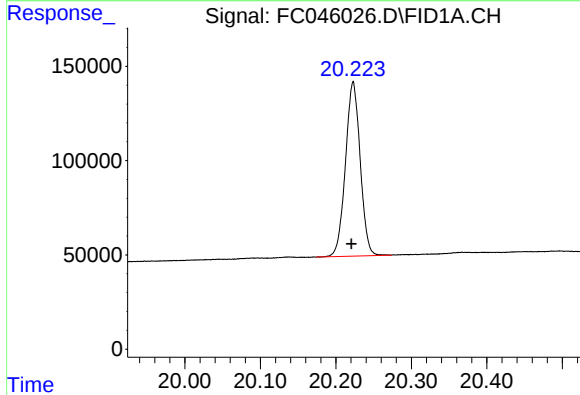
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.001 min
Response: 1612479
Conc: 18.84 ug/ml



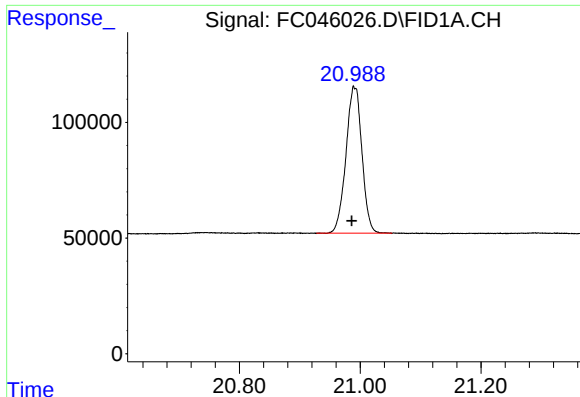
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min
Delta R.T.: 0.000 min
Response: 1366435
Conc: 18.83 ug/ml



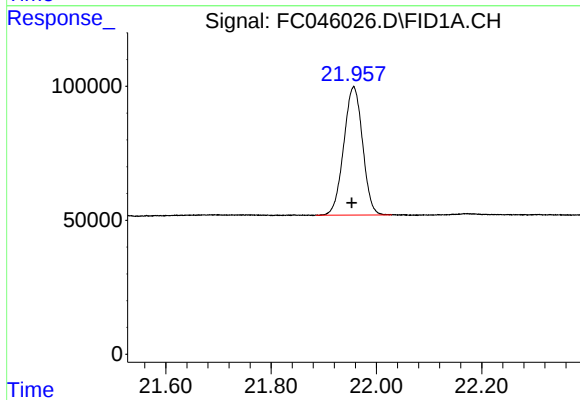
#20 n-Hexatriacontane (C36)

R.T.: 20.223 min
Delta R.T.: 0.002 min
Response: 1251321
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: 0.004 min
Response: 1162023
Conc: 19.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: 0.004 min
Response: 1188206
Conc: 18.90 ug/ml