

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052119AL\
 Data File : FC041388.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2019 2:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 06:45:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 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)	11.701	2038524	20.204 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.126	1591264	20.042 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.479	1741320	20.289 ug/ml
2) T n-Decane (C10)	4.549	1775795	20.375 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2072042	20.171 ug/ml
4) T n-Dodecane (C12)	6.561	1794410	20.353 ug/ml
5) T A~2-methylnaphthalene...	7.191	2082865	20.140 ug/ml
6) T n-Tetradecane (C14)	8.348	1819460	20.296 ug/ml
7) T n-Hexadecane (C16)	9.942	1830041	20.285 ug/ml
8) T n-Octadecane (C18)	11.377	1836978	20.332 ug/ml
10) T n-Eicosane (C20)	12.682	1854326	20.374 ug/ml
11) T n-Heneicosane (C21)	13.291	1846360	20.377 ug/ml
13) T n-Docosane (C22)	13.876	1857224	20.502 ug/ml
14) T n-Tetracosane (C24)	14.974	1891294	20.801 ug/ml
15) T n-Hexacosane (C26)	15.993	1899054	20.924 ug/ml
16) T n-Octacosane (C28)	16.940	1918912	20.958 ug/ml
17) T n-Tricontane (C30)	17.824	1892572	21.065 ug/ml
18) T n-Dotriacontane (C32)	18.654	1771670	21.172 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1504348	21.044 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1330625	20.882 ug/mlm
21) T n-Octatriacontane (C38)	20.924	1291521	21.402 ug/ml
22) T n-Tetracontane (C40)	21.866	1164341	19.789 ug/ml

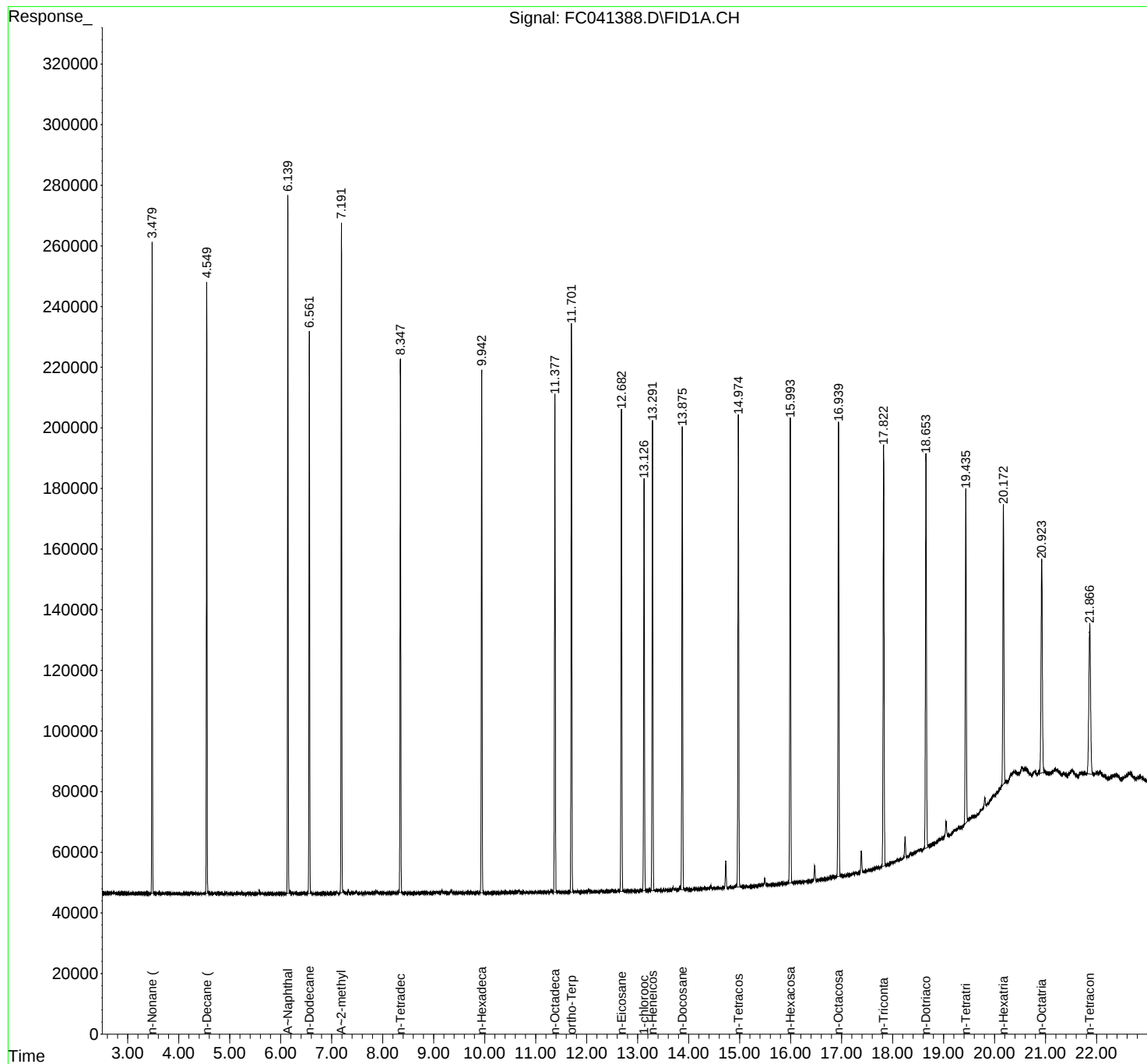
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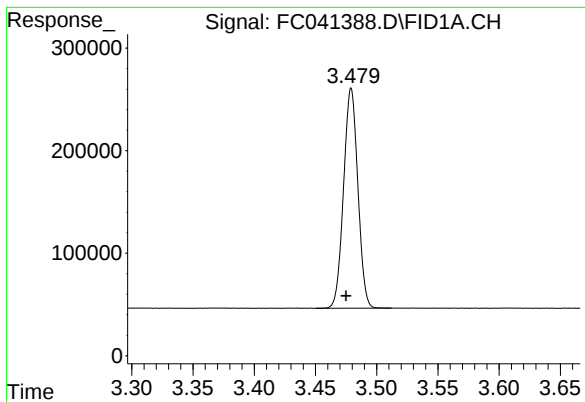
(m)=manual int.

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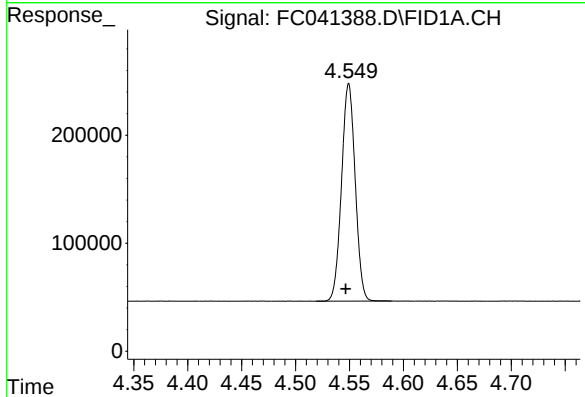
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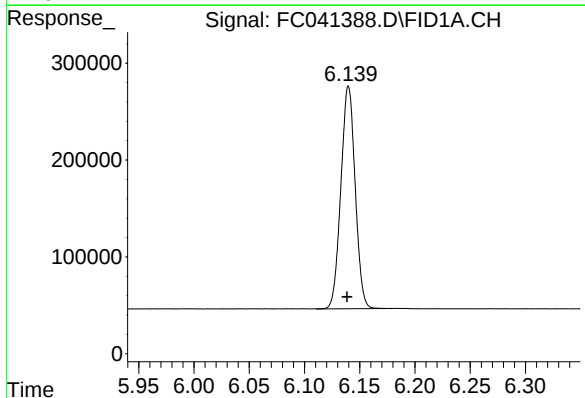
#1 n-Nonane (C9)

R.T.: 3.479 min
Delta R.T.: 0.004 min
Response: 1741320
Conc: 20.29 ug/ml



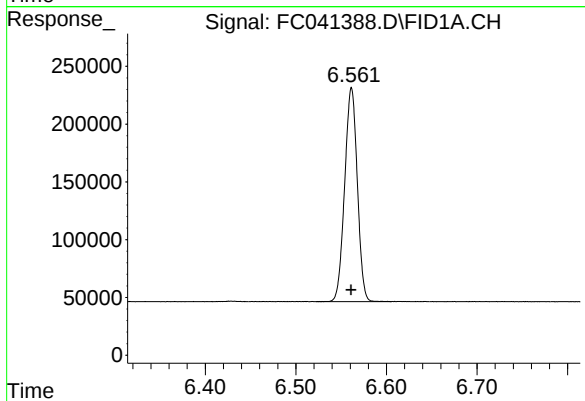
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: 0.003 min
Response: 1775795
Conc: 20.38 ug/ml



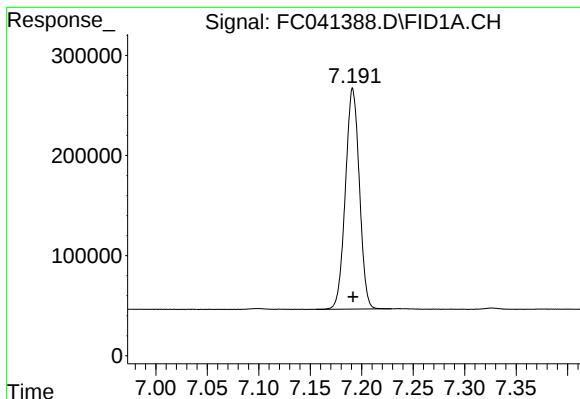
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 2072042
Conc: 20.17 ug/ml



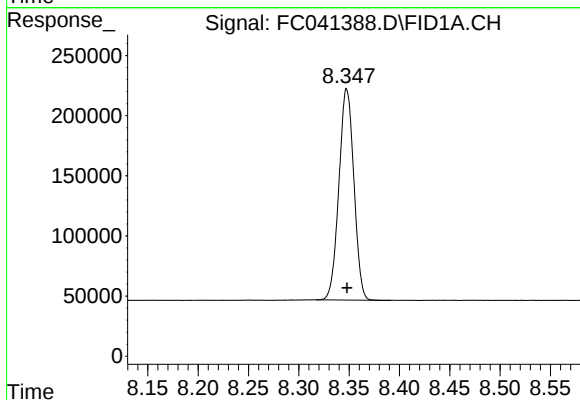
#4 n-Dodecane (C12)

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 1794410
Conc: 20.35 ug/ml



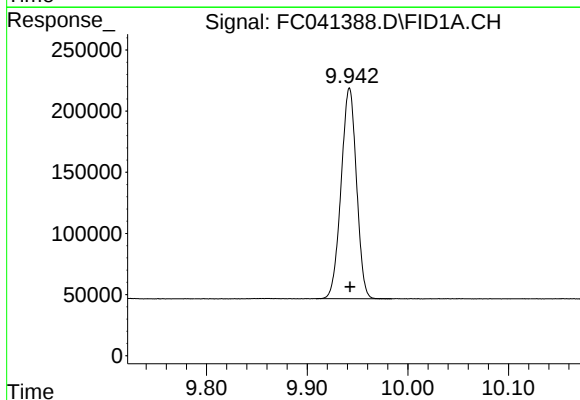
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 2082865
Conc: 20.14 ug/ml



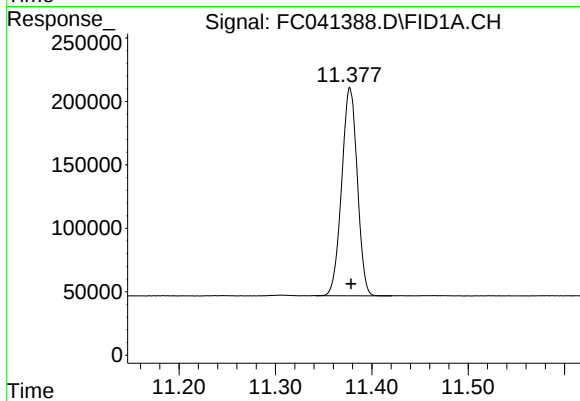
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 1819460
Conc: 20.30 ug/ml



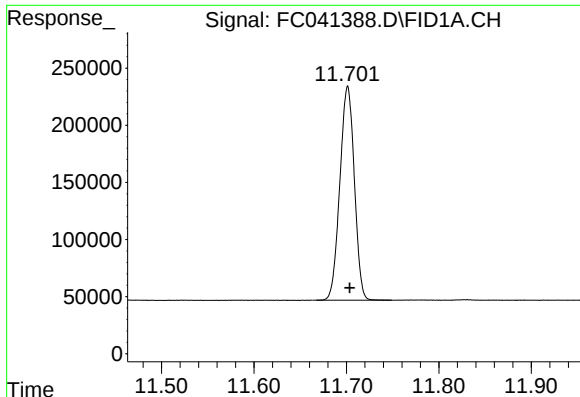
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: 0.000 min
Response: 1830041
Conc: 20.28 ug/ml



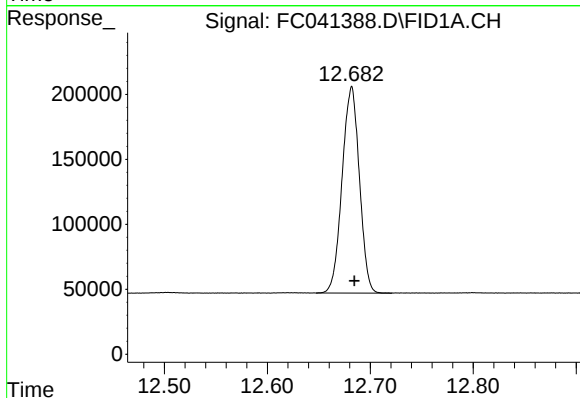
#8 n-Octadecane (C18)

R.T.: 11.377 min
Delta R.T.: -0.001 min
Response: 1836978
Conc: 20.33 ug/ml



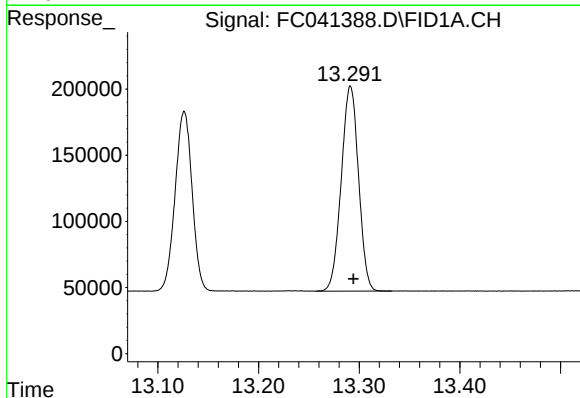
#9 ortho-Terphenyl (SURR)

R.T.: 11.701 min
Delta R.T.: -0.002 min
Response: 2038524
Conc: 20.20 ug/ml



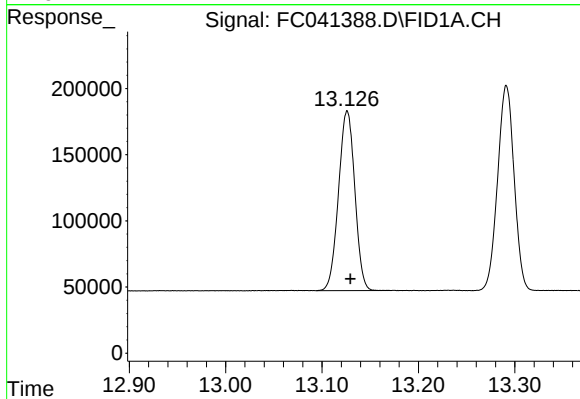
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.003 min
Response: 1854326
Conc: 20.37 ug/ml



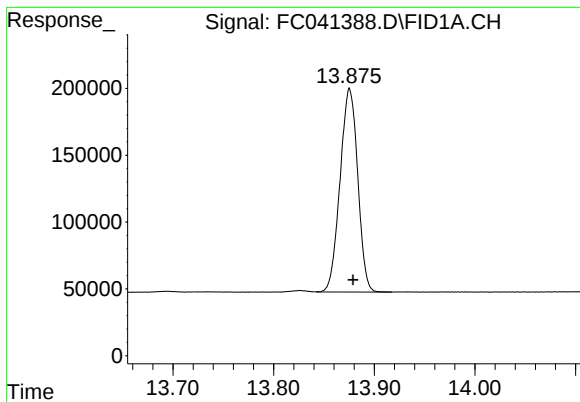
#11 n-Heneicosane (C21)

R.T.: 13.291 min
Delta R.T.: -0.003 min
Response: 1846360
Conc: 20.38 ug/ml



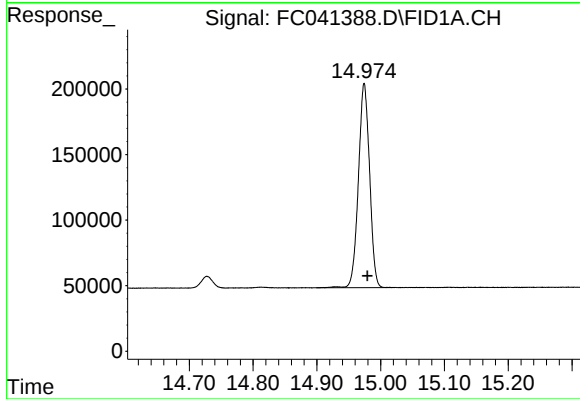
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: -0.003 min
Response: 1591264
Conc: 20.04 ug/ml



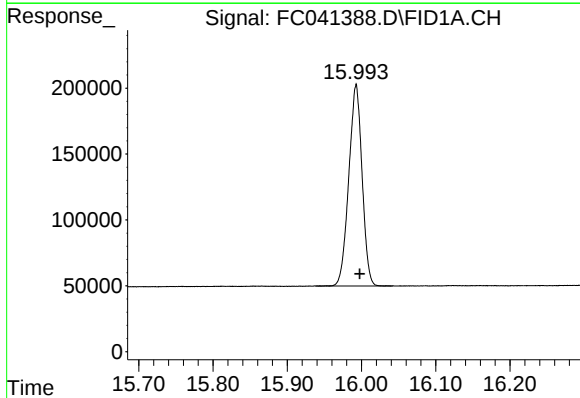
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.003 min
Response: 1857224
Conc: 20.50 ug/ml



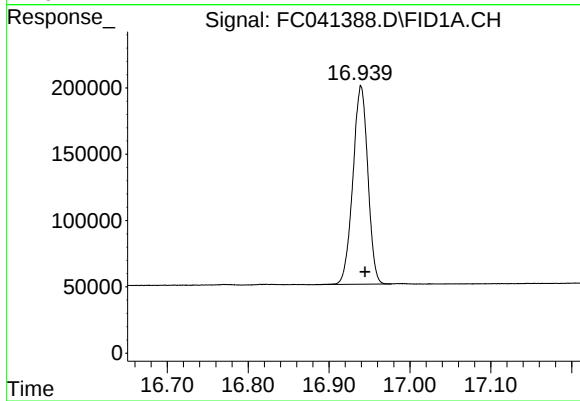
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.005 min
Response: 1891294
Conc: 20.80 ug/ml



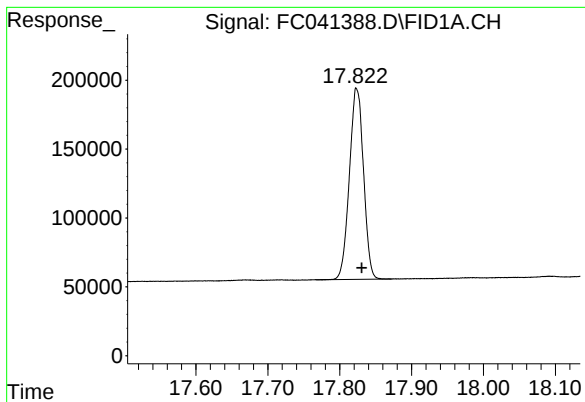
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.005 min
Response: 1899054
Conc: 20.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.005 min
Response: 1918912
Conc: 20.96 ug/ml



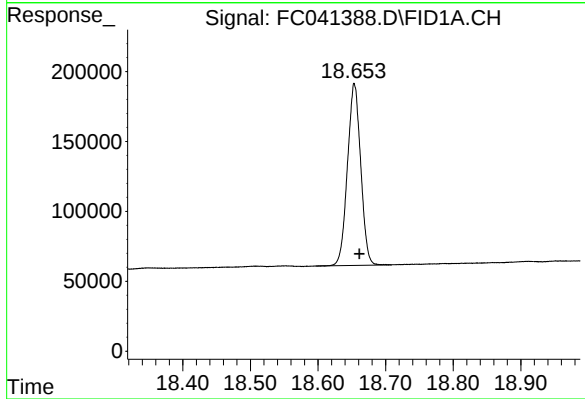
#17 n-Tricontane (C30)

R.T.: 17.824 min

Delta R.T.: -0.007 min

Response: 1892572

Conc: 21.06 ug/ml



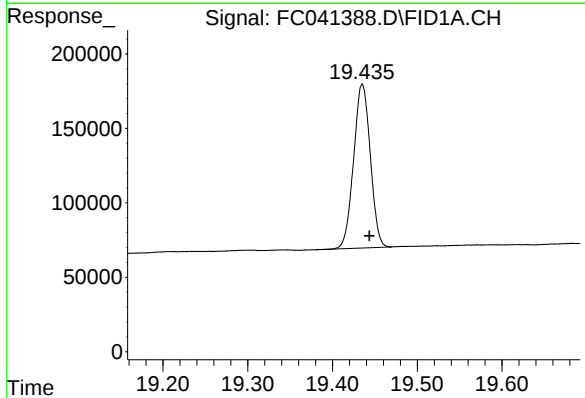
#18 n-Dotriacontane (C32)

R.T.: 18.654 min

Delta R.T.: -0.008 min

Response: 1771670

Conc: 21.17 ug/ml



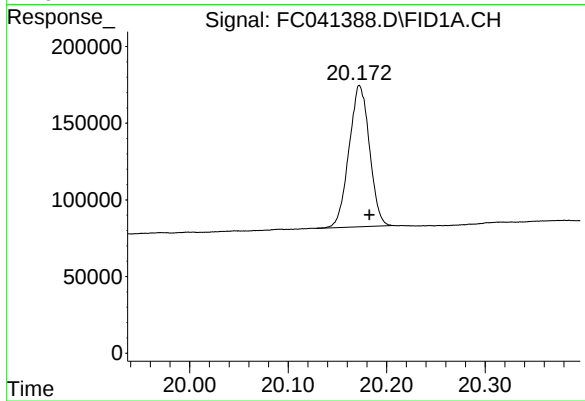
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min

Delta R.T.: -0.009 min

Response: 1504348

Conc: 21.04 ug/ml



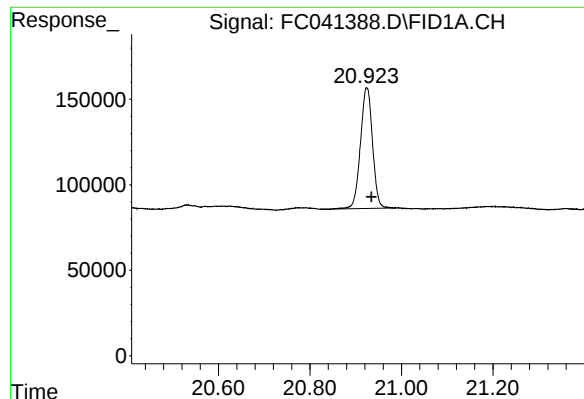
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min

Delta R.T.: -0.010 min

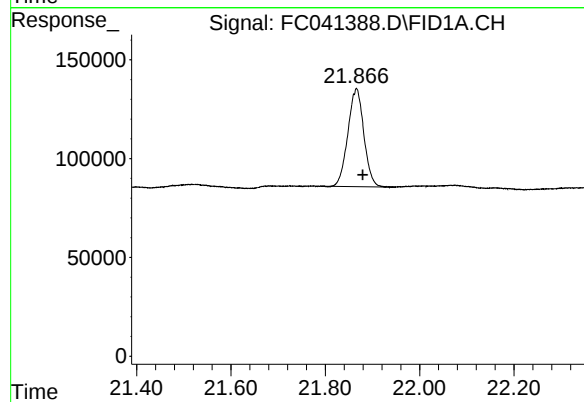
Response: 1330625

Conc: 20.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: -0.010 min
Response: 1291521
Conc: 21.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: -0.013 min
Response: 1164341
Conc: 19.79 ug/ml