

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122420AL\
 Data File : FC051473.D
 Signal(s) : FID1A.CH
 Acq On : 25 Dec 2020 2:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 25 04:06:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.569	2466282	21.279 ug/ml
Spiked Amount 50.000		Recovery =	42.56%
12) S 1-chlorooctadecane (S...	13.003	1900427	21.067 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.327	2319918	23.514 ug/ml
2) T n-Decane (C10)	4.395	2358736	23.854 ug/ml
3) T A~Naphthalene (C11.7)	5.987	2478282	23.697 ug/ml
4) T n-Dodecane (C12)	6.413	2413948	23.613 ug/ml
5) T A~2-methylnaphthalene...	7.044	2476053	23.572 ug/ml
6) T n-Tetradecane (C14)	8.208	2362115	23.286 ug/ml
7) T n-Hexadecane (C16)	9.808	2281609	22.654 ug/ml
8) T n-Octadecane (C18)	11.250	2343832	21.976 ug/ml
10) T n-Eicosane (C20)	12.558	2301407	21.371 ug/ml
11) T n-Heneicosane (C21)	13.170	2258065	21.052 ug/ml
13) T n-Docosane (C22)	13.756	2241241	20.987 ug/ml
14) T n-Tetracosane (C24)	14.857	2171942	20.520 ug/ml
15) T n-Hexacosane (C26)	15.877	2128784	20.553 ug/ml
16) T n-Octacosane (C28)	16.827	2118077	20.803 ug/ml
17) T n-Tricontane (C30)	17.713	2080643	21.127 ug/ml
18) T n-Dotriacontane (C32)	18.543	1979752	21.852 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1902309	22.381 ug/mlm
20) T n-Hexatriacontane (C36)	20.063	1889042	22.278 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1849404	24.156 ug/mlm
22) T n-Tetracontane (C40)	21.711	1870085	23.648 ug/ml

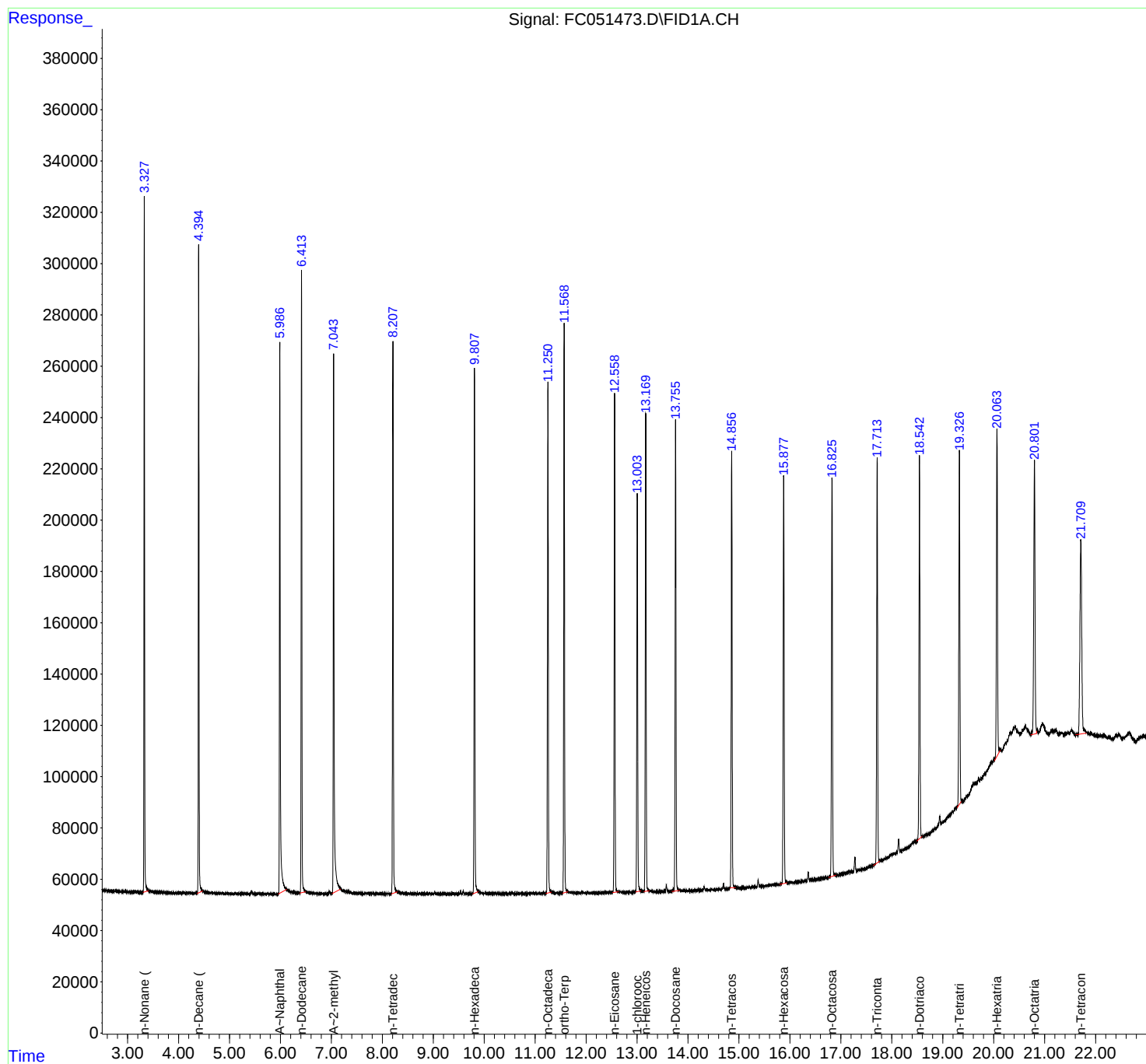
(f)=RT Delta > 1/2 Window

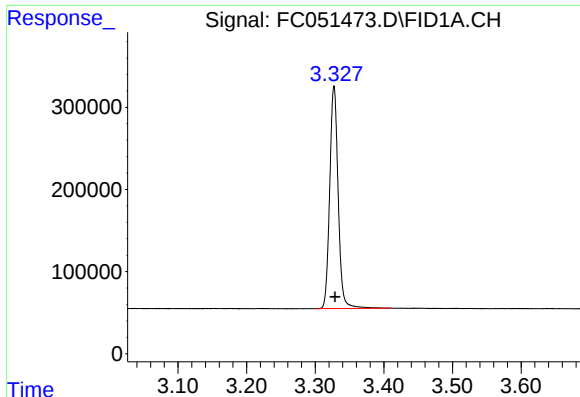
(m)=manual int.

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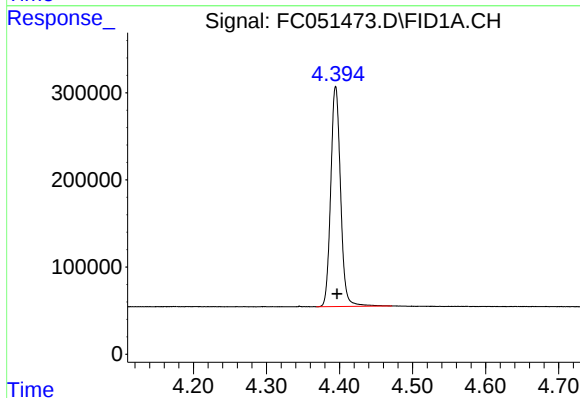
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





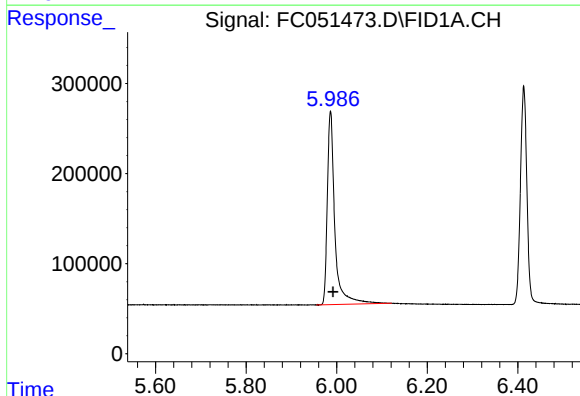
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2319918
Conc: 23.51 ug/ml



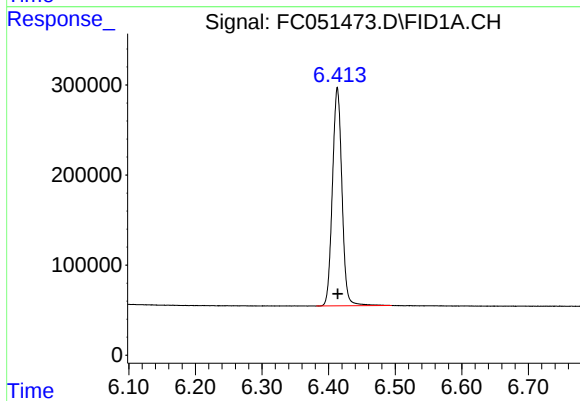
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 2358736
Conc: 23.85 ug/ml



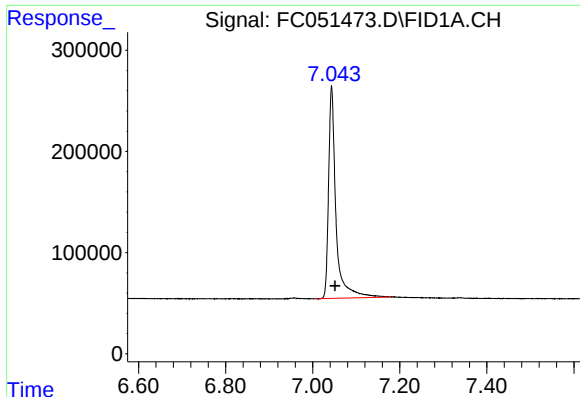
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 2478282
Conc: 23.70 ug/ml



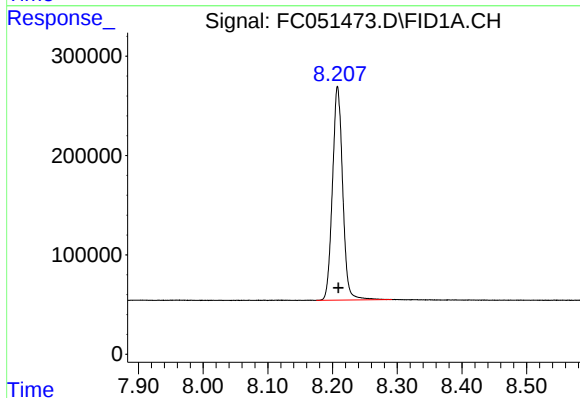
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 2413948
Conc: 23.61 ug/ml



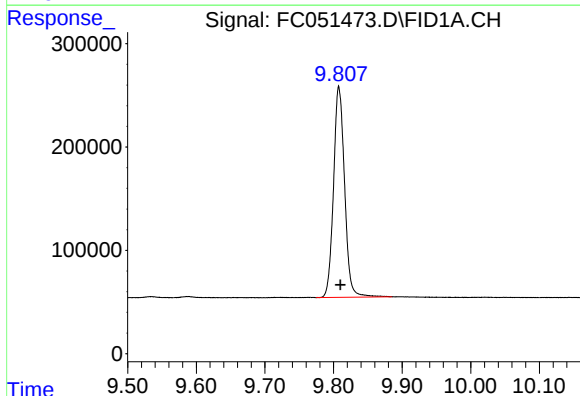
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 2476053
Conc: 23.57 ug/ml



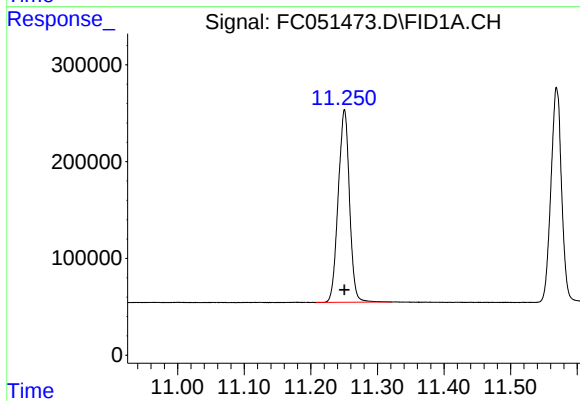
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.001 min
Response: 2362115
Conc: 23.29 ug/ml



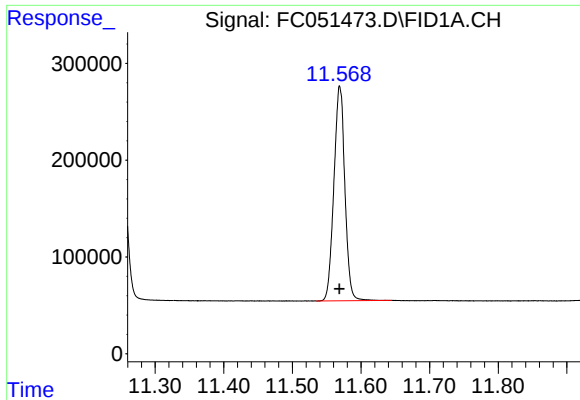
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.002 min
Response: 2281609
Conc: 22.65 ug/ml



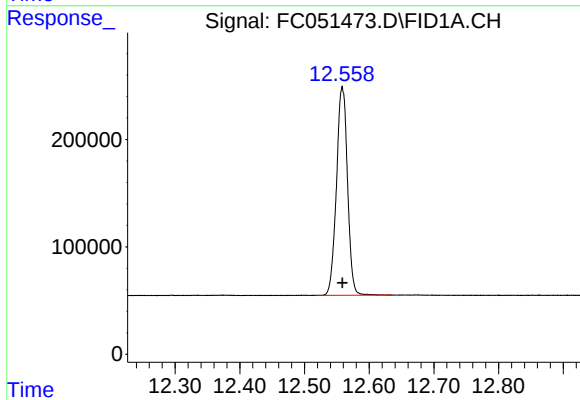
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 2343832
Conc: 21.98 ug/ml



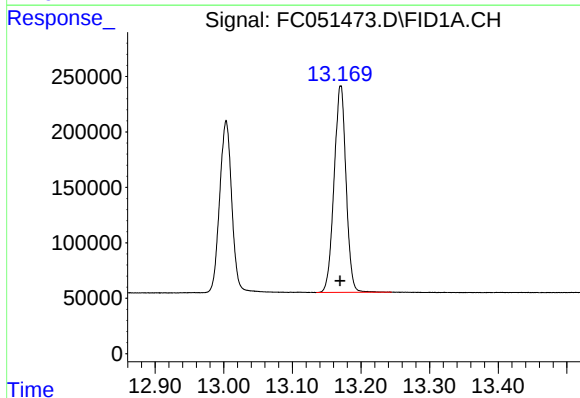
#9 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: 0.000 min
Response: 2466282
Conc: 21.28 ug/ml



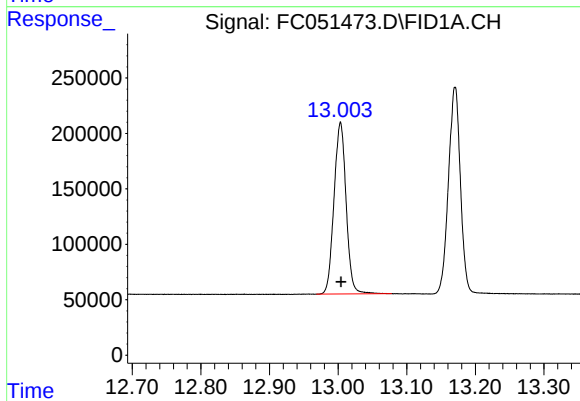
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 2301407
Conc: 21.37 ug/ml



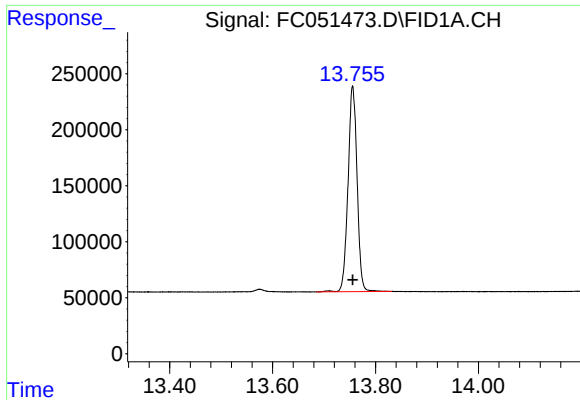
#11 n-Heneicosane (C21)

R.T.: 13.170 min
Delta R.T.: 0.000 min
Response: 2258065
Conc: 21.05 ug/ml



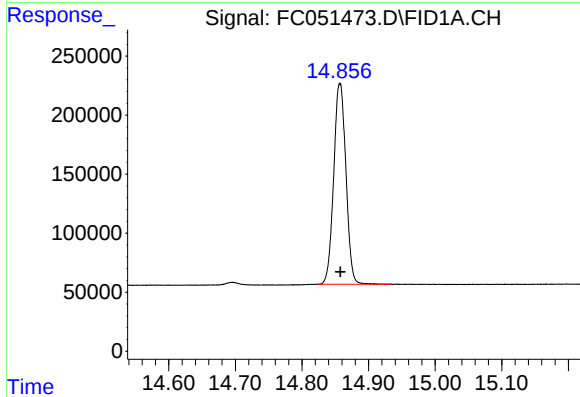
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.001 min
Response: 1900427
Conc: 21.07 ug/ml



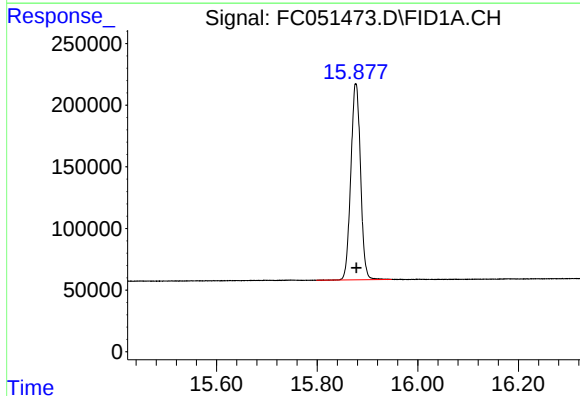
#13 n-Docosane (C22)

R.T.: 13.756 min
Delta R.T.: 0.000 min
Response: 2241241
Conc: 20.99 ug/ml



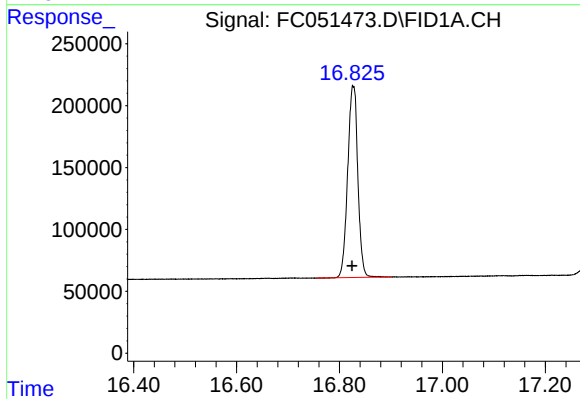
#14 n-Tetracosane (C24)

R.T.: 14.857 min
Delta R.T.: 0.000 min
Response: 2171942
Conc: 20.52 ug/ml



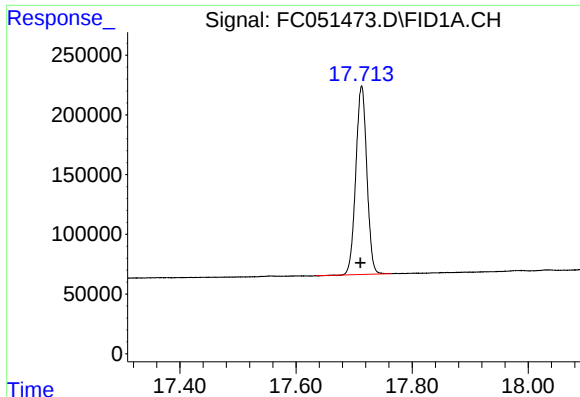
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: 0.000 min
Response: 2128784
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: 0.002 min
Response: 2118077
Conc: 20.80 ug/ml



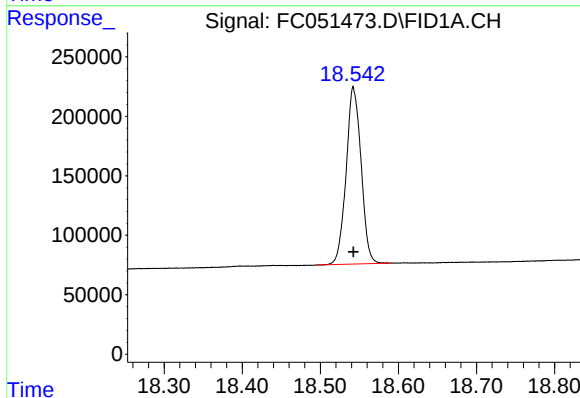
#17 n-Tricontane (C30)

R.T.: 17.713 min

Delta R.T.: 0.002 min

Response: 2080643

Conc: 21.13 ug/ml



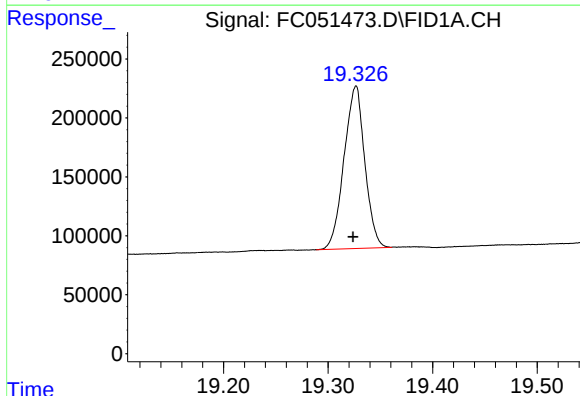
#18 n-Dotriacontane (C32)

R.T.: 18.543 min

Delta R.T.: 0.000 min

Response: 1979752

Conc: 21.85 ug/ml



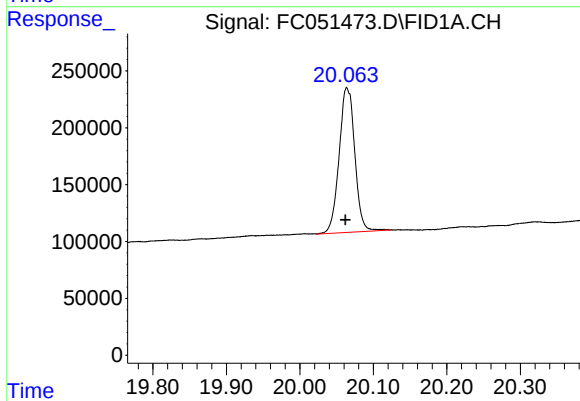
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min

Delta R.T.: 0.003 min

Response: 1902309

Conc: 22.38 ug/ml m



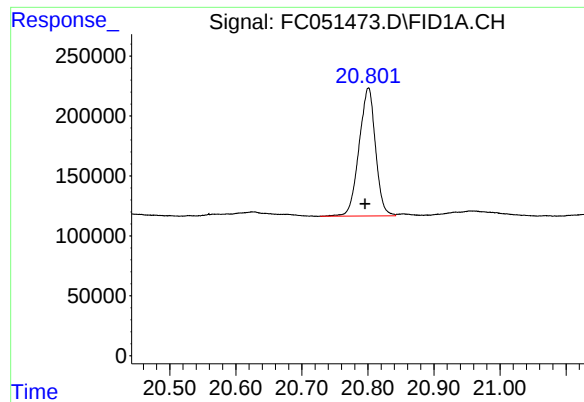
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min

Delta R.T.: 0.000 min

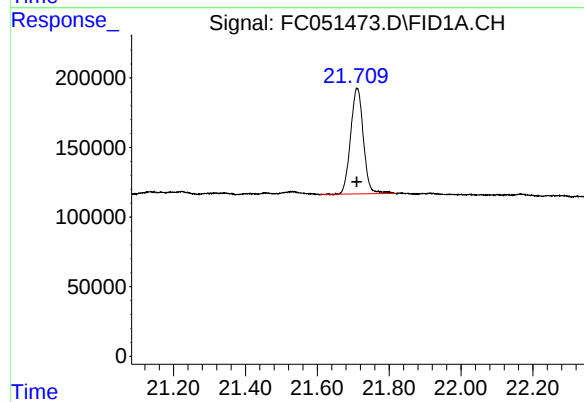
Response: 1889042

Conc: 22.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.005 min
Response: 1849404
Conc: 24.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: 0.002 min
Response: 1870085
Conc: 23.65 ug/ml