

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032122AL\
 Data File : FC058839.D
 Signal(s) : FID1A.CH
 Acq On : 21 Mar 2022 10:42
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 22 03:08:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.399	2481669	17.038 ug/ml
Spiked Amount 50.000		Recovery =	34.08%
12) S 1-chlorooctadecane (S...	12.828	1888573	16.661 ug/ml
Spiked Amount 50.000		Recovery =	33.32%
Target Compounds			
1) T n-Nonane (C9)	3.254	2134926	17.754 ug/ml
2) T n-Decane (C10)	4.305	2131633	17.913 ug/ml
3) T A~Naphthalene (C11.7)	5.870	2151801	16.580 ug/ml
4) T n-Dodecane (C12)	6.298	2234577	18.165 ug/ml
5) T A~2-methylnaphthalene...	6.914	2128507	16.327 ug/ml
6) T n-Tetradecane (C14)	8.075	2254351	17.991 ug/ml
7) T n-Hexadecane (C16)	9.660	2267416	17.607 ug/ml
8) T n-Octadecane (C18)	11.091	2280923	17.333 ug/ml
10) T n-Eicosane (C20)	12.389	2254103	17.142 ug/ml
11) T n-Heneicosane (C21)	12.997	2248326	17.012 ug/ml
13) T n-Docosane (C22)	13.578	2219828	17.027 ug/ml
14) T n-Tetracosane (C24)	14.674	2163610	16.755 ug/ml
15) T n-Hexacosane (C26)	15.688	2092963	16.920 ug/ml
16) T n-Octacosane (C28)	16.632	2040685	17.144 ug/ml
17) T n-Tricontane (C30)	17.515	1985857	17.642 ug/ml
18) T n-Dotriacontane (C32)	18.342	1880043	17.484 ug/mlm
19) T n-Tetratriacontane (C34)	19.122	1773957	18.309 ug/ml
20) T n-Hexatriacontane (C36)	19.858	1624803	18.010 ug/ml
21) T n-Octatriacontane (C38)	20.561	1587967	18.248 ug/ml
22) T n-Tetracontane (C40)	21.386	1425392	16.986 ug/ml

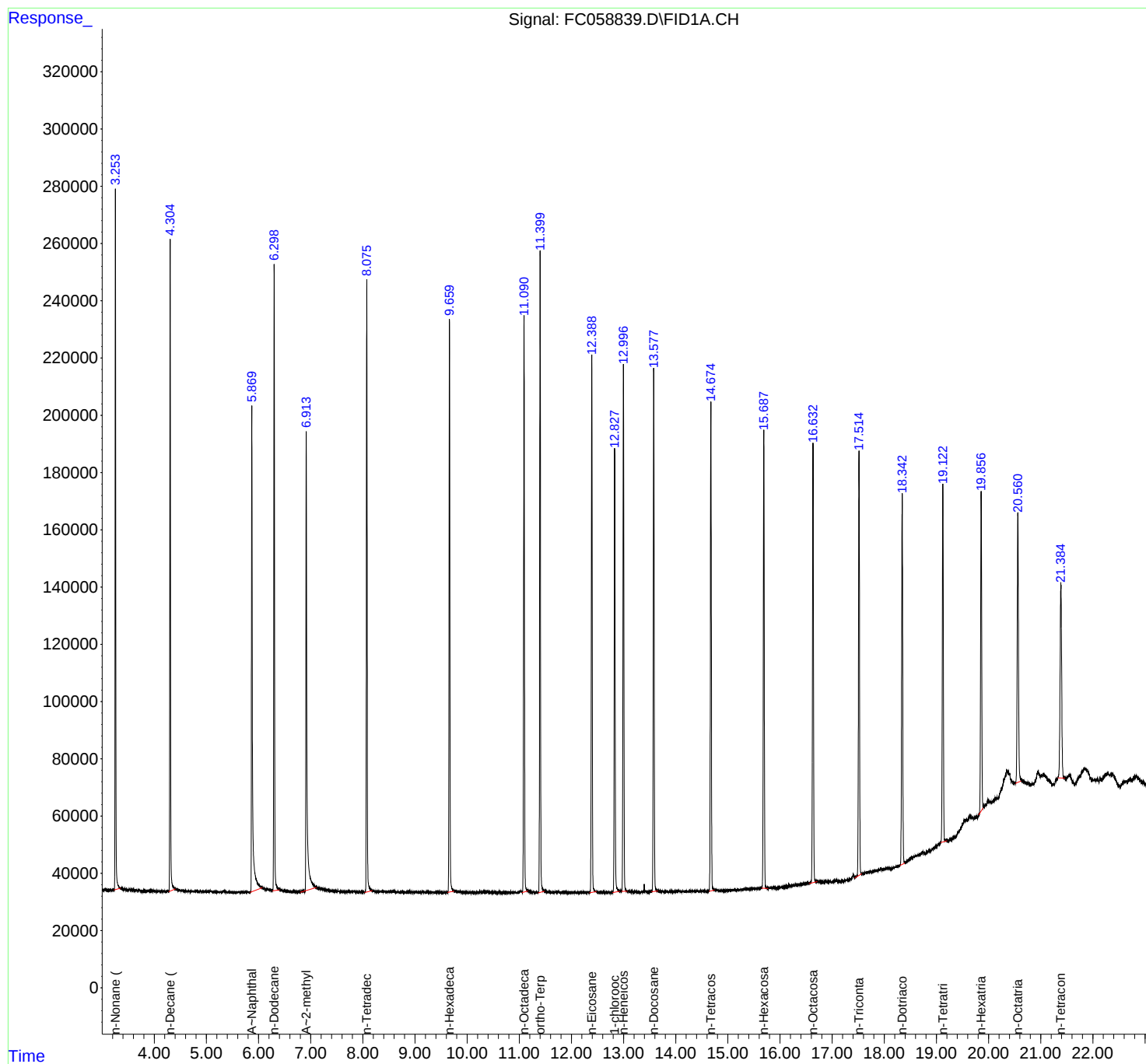
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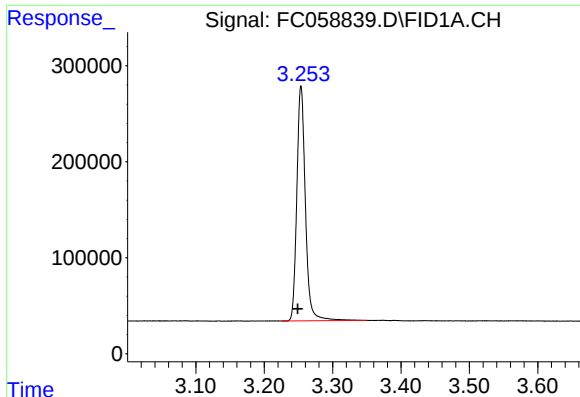
(m)=manual int.

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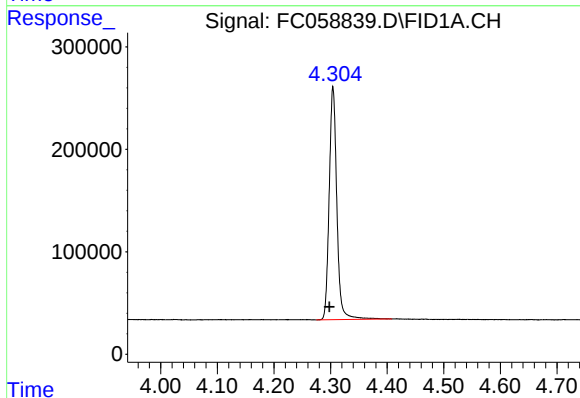
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Signal Info : 20M x 0.18mm x 0.18um





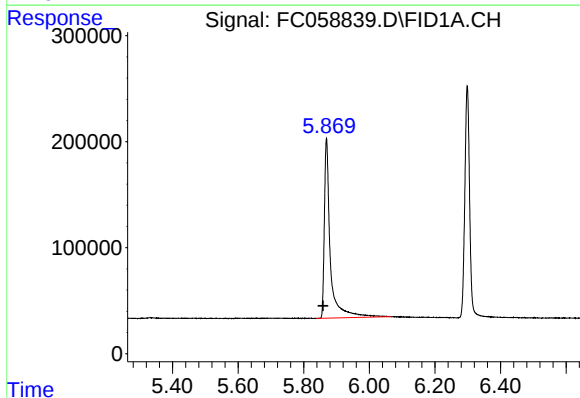
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.005 min
Response: 2134926
Conc: 17.75 ug/ml



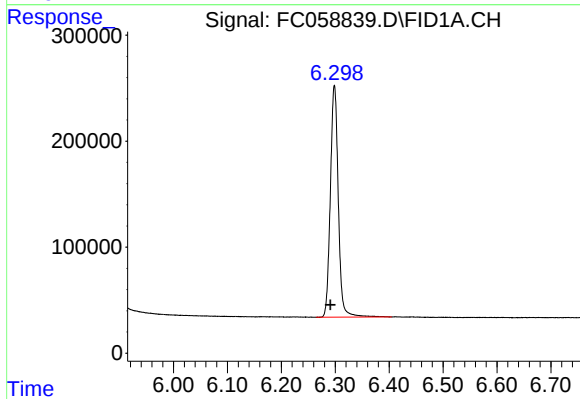
#2 n-Decane (C10)

R.T.: 4.305 min
Delta R.T.: 0.007 min
Response: 2131633
Conc: 17.91 ug/ml



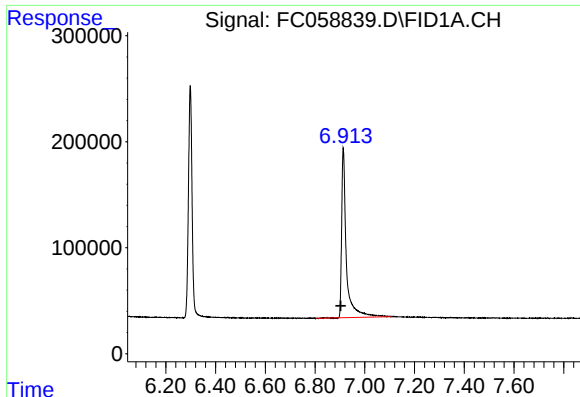
#3 A~Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: 0.011 min
Response: 2151801
Conc: 16.58 ug/ml



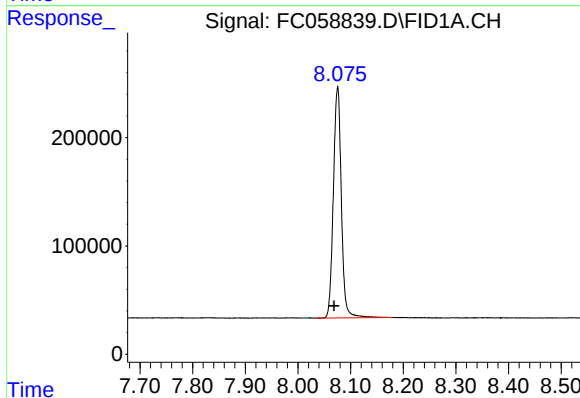
#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.007 min
Response: 2234577
Conc: 18.16 ug/ml



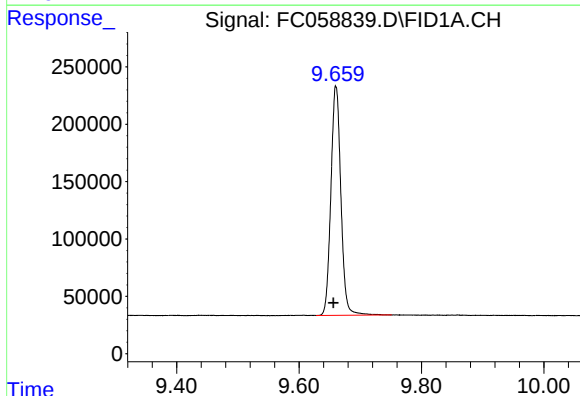
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.011 min
Response: 2128507
Conc: 16.33 ug/ml



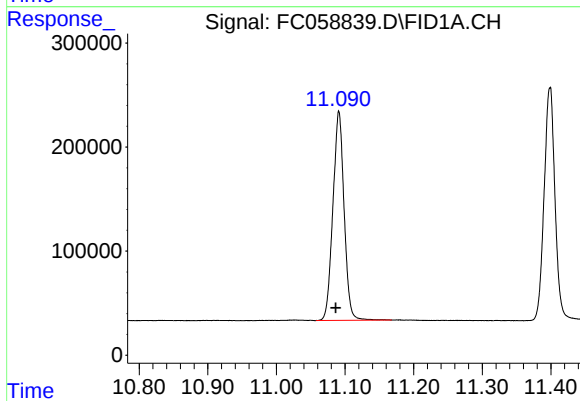
#6 n-Tetradecane (C14)

R.T.: 8.075 min
Delta R.T.: 0.006 min
Response: 2254351
Conc: 17.99 ug/ml



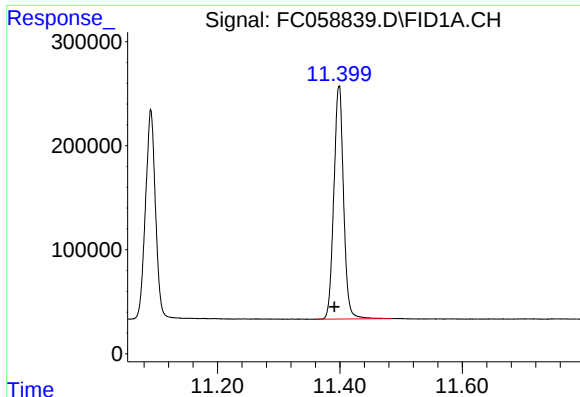
#7 n-Hexadecane (C16)

R.T.: 9.660 min
Delta R.T.: 0.004 min
Response: 2267416
Conc: 17.61 ug/ml



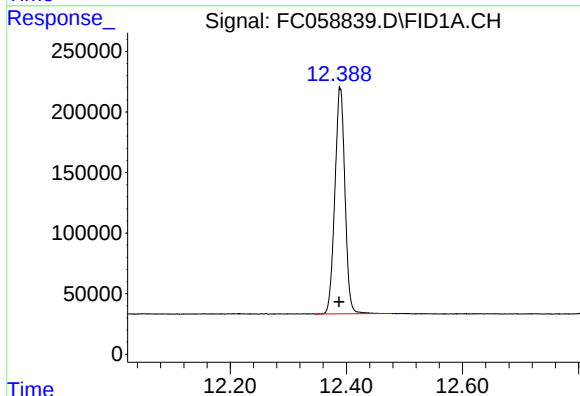
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.005 min
Response: 2280923
Conc: 17.33 ug/ml



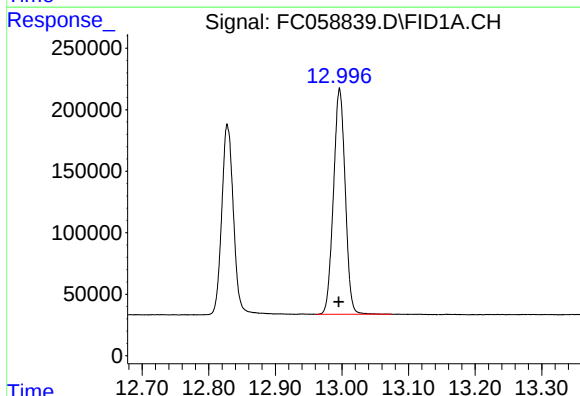
#9 ortho-Terphenyl (SURR)

R.T.: 11.399 min
Delta R.T.: 0.007 min
Response: 2481669
Conc: 17.04 ug/ml



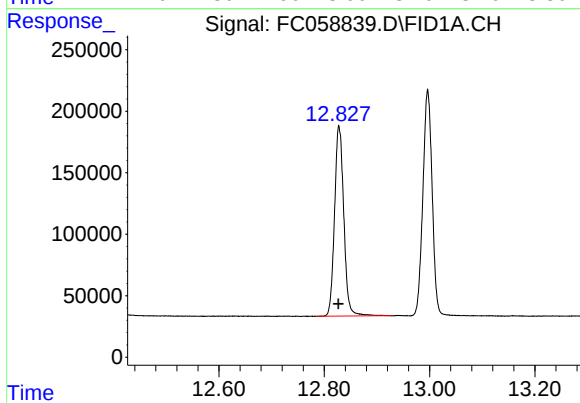
#10 n-Eicosane (C20)

R.T.: 12.389 min
Delta R.T.: 0.002 min
Response: 2254103
Conc: 17.14 ug/ml



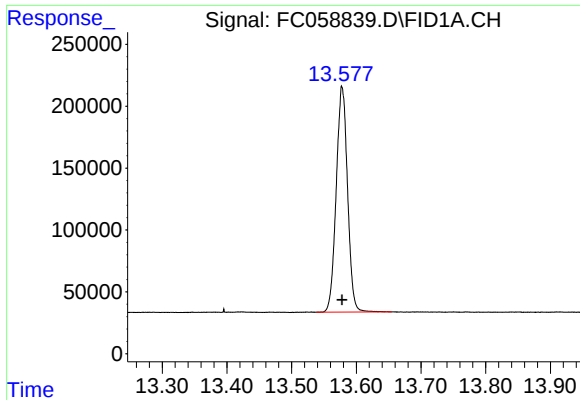
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.001 min
Response: 2248326
Conc: 17.01 ug/ml



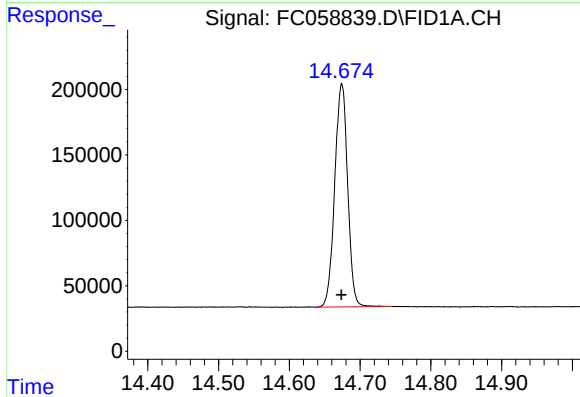
#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.001 min
Response: 1888573
Conc: 16.66 ug/ml



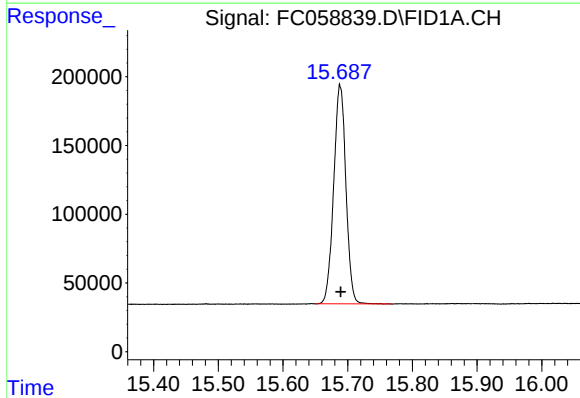
#13 n-Docosane (C22)

R.T.: 13.578 min
Delta R.T.: 0.000 min
Response: 2219828
Conc: 17.03 ug/ml



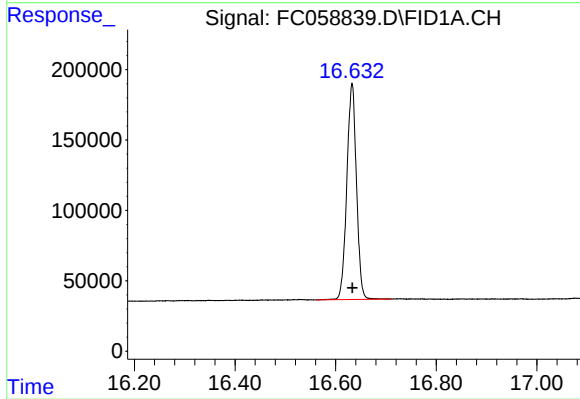
#14 n-Tetracosane (C24)

R.T.: 14.674 min
Delta R.T.: 0.000 min
Response: 2163610
Conc: 16.75 ug/ml



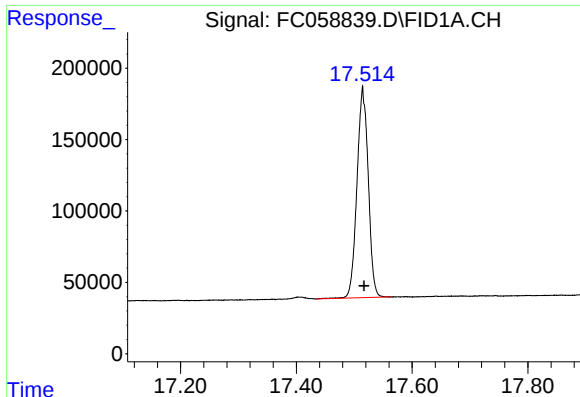
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.001 min
Response: 2092963
Conc: 16.92 ug/ml



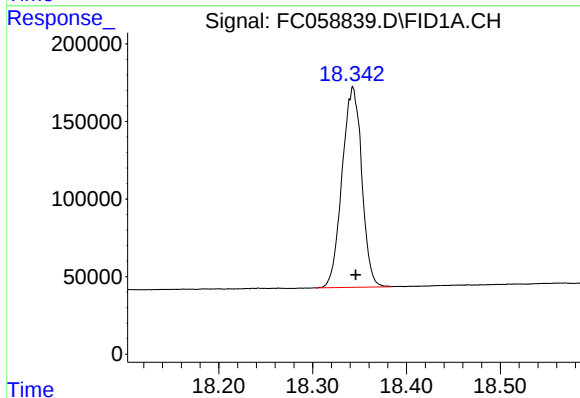
#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: 0.000 min
Response: 2040685
Conc: 17.14 ug/ml



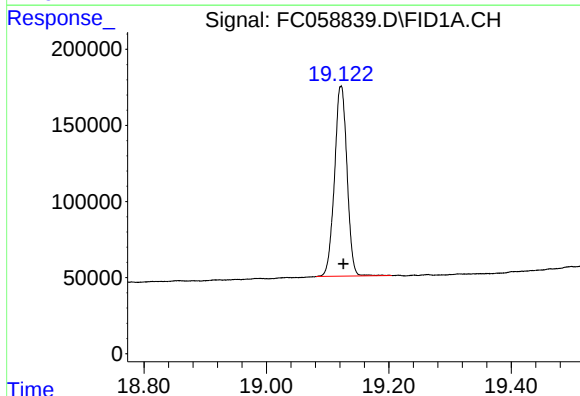
#17 n-Tricontane (C30)

R.T.: 17.515 min
Delta R.T.: -0.002 min
Response: 1985857
Conc: 17.64 ug/ml



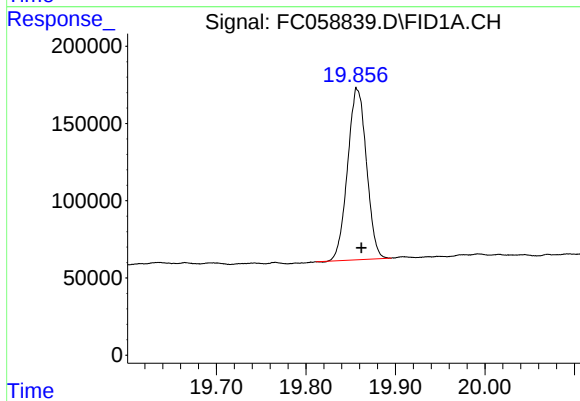
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: -0.004 min
Response: 1880043
Conc: 17.48 ug/ml m



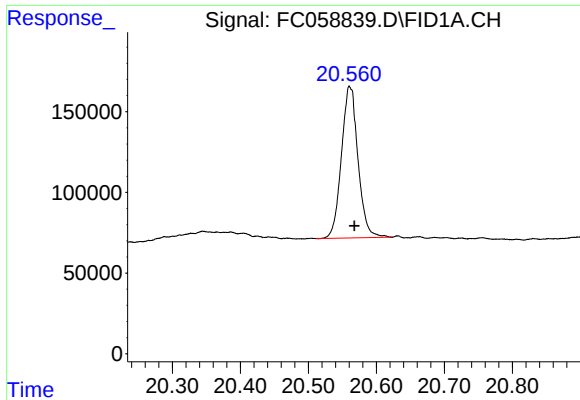
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 1773957
Conc: 18.31 ug/ml



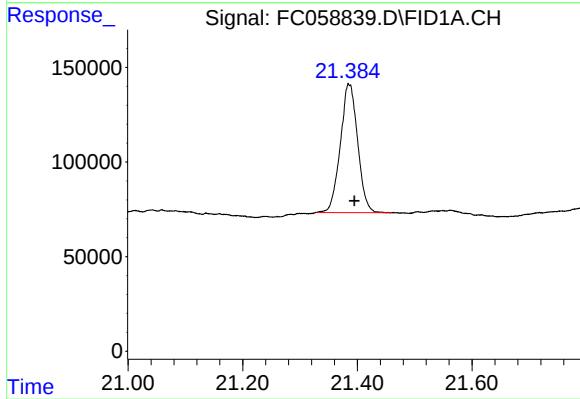
#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: -0.005 min
Response: 1624803
Conc: 18.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.561 min
Delta R.T.: -0.007 min
Response: 1587967
Conc: 18.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.386 min
Delta R.T.: -0.009 min
Response: 1425392
Conc: 16.99 ug/ml