

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022719AL\
 Data File : FC039471.D
 Signal(s) : FID1A.CH
 Acq On : 28 Feb 2019 2:29
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:35:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 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)	11.174	3198835	19.018 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	12.619	2388061	18.932 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.039	2404163	20.031 ug/ml
2) T n-Decane (C10)	4.088	2416889	20.062 ug/ml
3) T A~Naphthalene (C11.7)	5.639	2543564	19.547 ug/ml
4) T n-Dodecane (C12)	6.086	2427145	19.645 ug/ml
5) T A~2-methylnaphthalene...	6.686	2429289	18.732 ug/ml
6) T n-Tetradecane (C14)	7.864	2413758	18.952 ug/ml
7) T n-Hexadecane (C16)	9.452	2394426	18.477 ug/ml
8) T n-Octadecane (C18)	10.883	2397183	17.820 ug/ml
10) T n-Eicosane (C20)	12.182	2418662	18.548 ug/ml
11) T n-Heneicosane (C21)	12.790	2406282	18.974 ug/ml
13) T n-Docosane (C22)	13.372	2421226	19.221 ug/ml
14) T n-Tetracosane (C24)	14.469	2433219	19.468 ug/ml
15) T n-Hexacosane (C26)	15.484	2439498	19.557 ug/ml
16) T n-Octacosane (C28)	16.429	2493178	18.654 ug/ml
17) T n-Tricontane (C30)	17.313	2438417	16.615 ug/ml
18) T n-Dotriacontane (C32)	18.142	2416801	17.991 ug/ml
19) T n-Tetratriacontane (C34)	18.921	2211194	19.440 ug/ml
20) T n-Hexatriacontane (C36)	19.656	3191841	33.094 ug/ml
21) T n-Octatriacontane (C38)	20.354	4408902	48.019 ug/ml
22) T n-Tetracontane (C40)	21.124	2217560	24.434 ug/ml

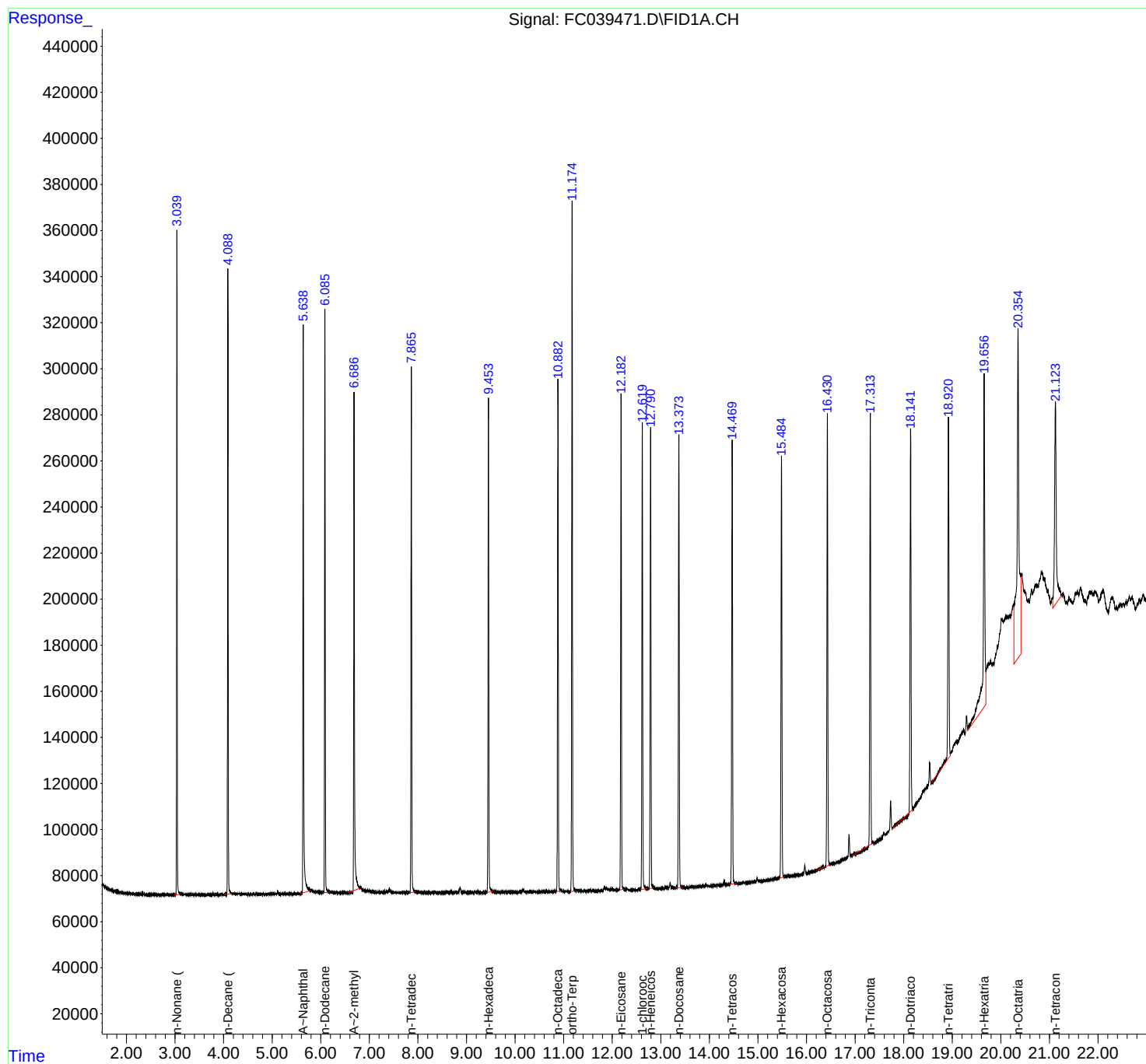
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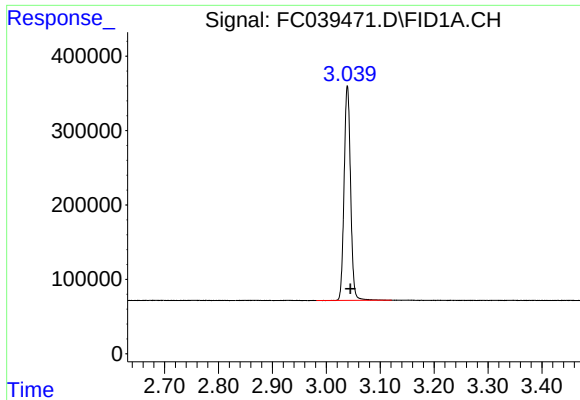
(m)=manual int.

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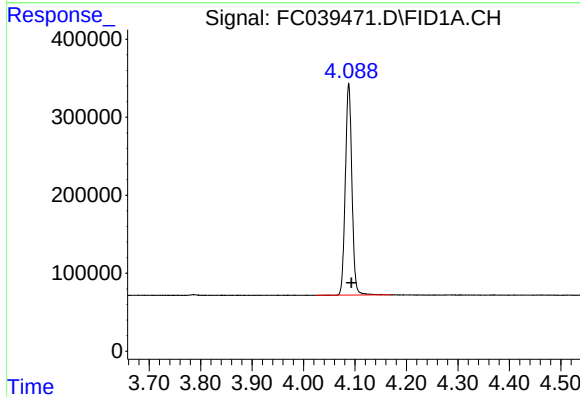
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





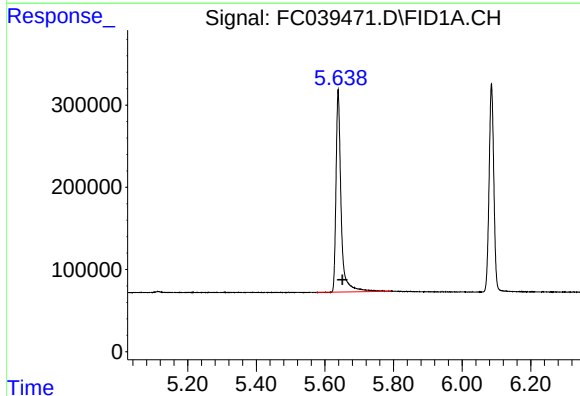
#1 n-Nonane (C9)

R.T.: 3.039 min
Delta R.T.: -0.006 min
Response: 2404163
Conc: 20.03 ug/ml



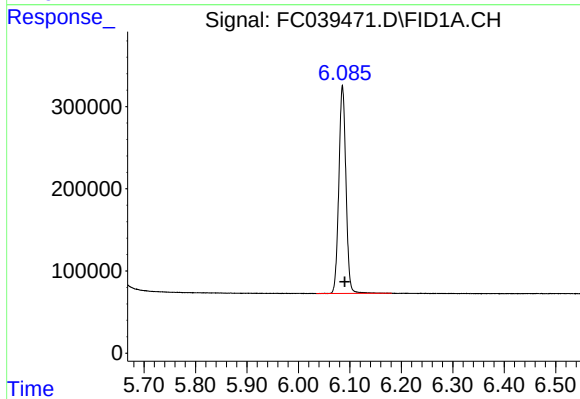
#2 n-Decane (C10)

R.T.: 4.088 min
Delta R.T.: -0.005 min
Response: 2416889
Conc: 20.06 ug/ml



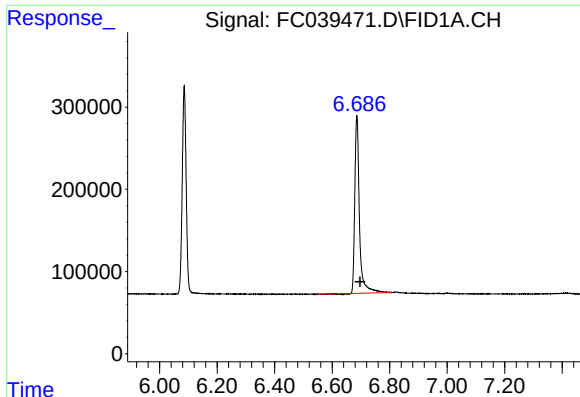
#3 A~Naphthalene (C11.7)

R.T.: 5.639 min
Delta R.T.: -0.012 min
Response: 2543564
Conc: 19.55 ug/ml



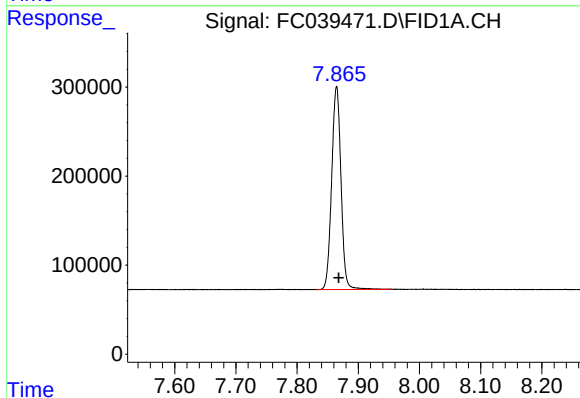
#4 n-Dodecane (C12)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 2427145
Conc: 19.65 ug/ml



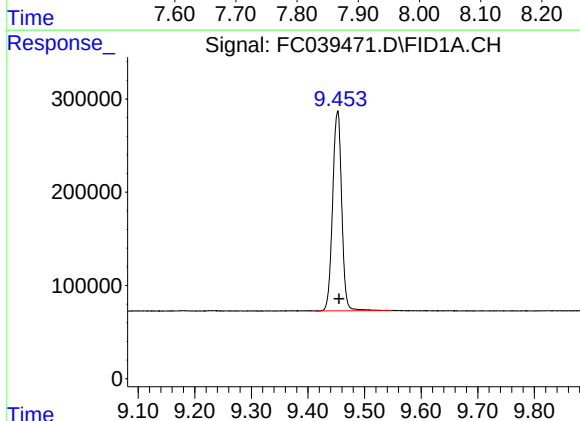
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.686 min
Delta R.T.: -0.011 min
Response: 2429289
Conc: 18.73 ug/ml



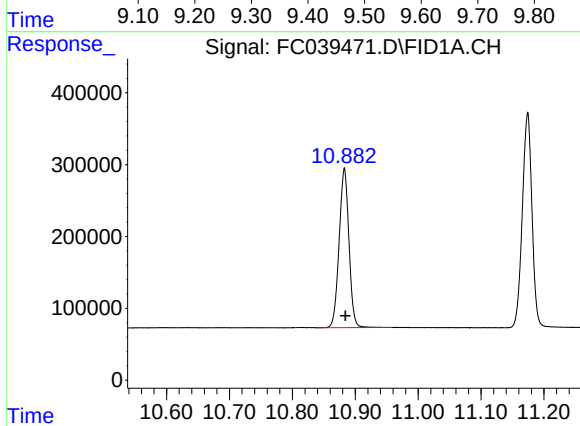
#6 n-Tetradecane (C14)

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 2413758
Conc: 18.95 ug/ml



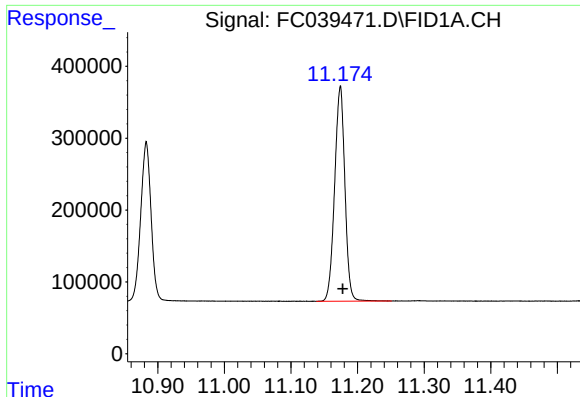
#7 n-Hexadecane (C16)

R.T.: 9.452 min
Delta R.T.: -0.003 min
Response: 2394426
Conc: 18.48 ug/ml



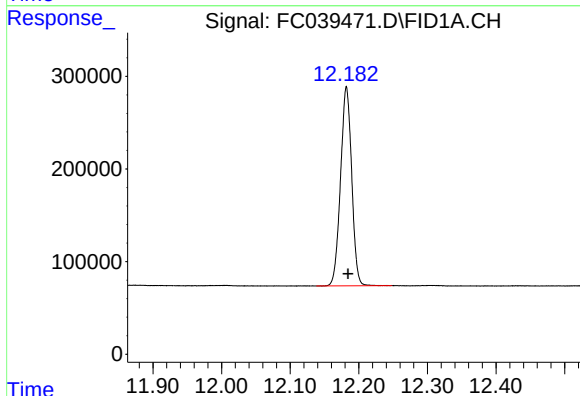
#8 n-Octadecane (C18)

R.T.: 10.883 min
Delta R.T.: -0.002 min
Response: 2397183
Conc: 17.82 ug/ml



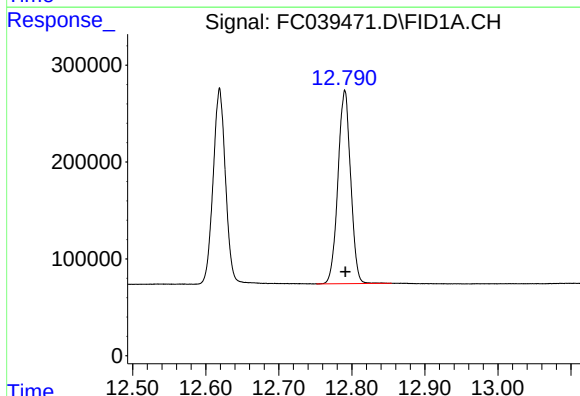
#9 ortho-Terphenyl (SURR)

R.T.: 11.174 min
Delta R.T.: -0.004 min
Response: 3198835
Conc: 19.02 ug/ml



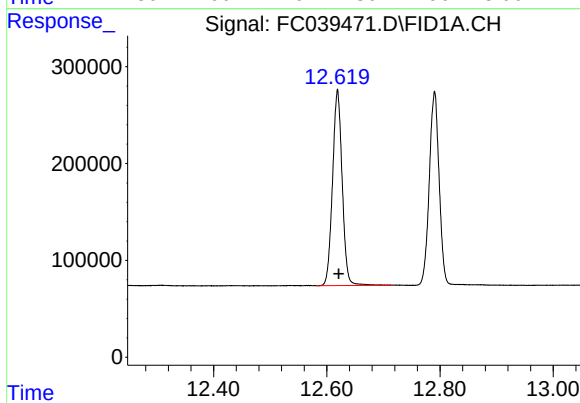
#10 n-Eicosane (C20)

R.T.: 12.182 min
Delta R.T.: -0.002 min
Response: 2418662
Conc: 18.55 ug/ml



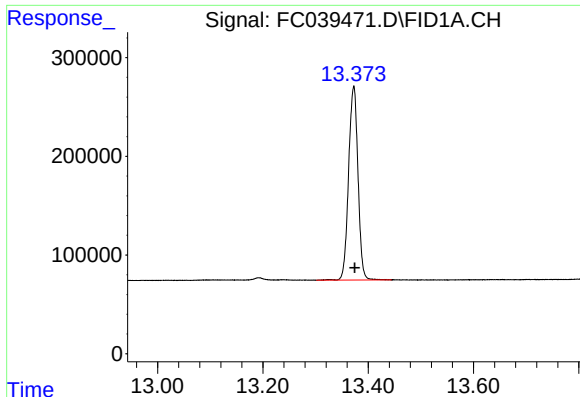
#11 n-Heneicosane (C21)

R.T.: 12.790 min
Delta R.T.: 0.000 min
Response: 2406282
Conc: 18.97 ug/ml



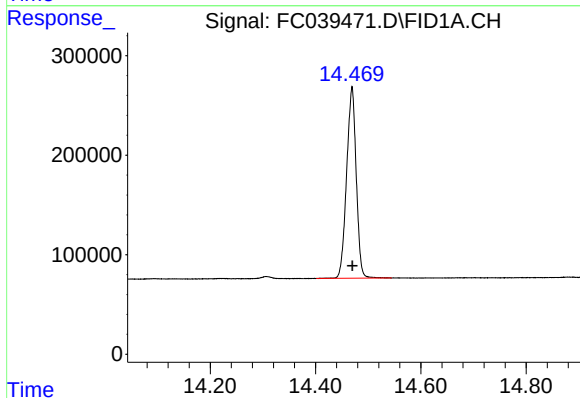
#12 1-chlorooctadecane (SURR)

R.T.: 12.619 min
Delta R.T.: -0.002 min
Response: 2388061
Conc: 18.93 ug/ml



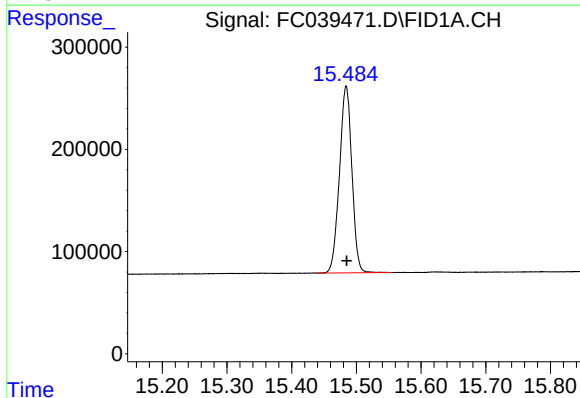
#13 n-Docosane (C22)

R.T.: 13.372 min
Delta R.T.: -0.002 min
Response: 2421226
Conc: 19.22 ug/ml



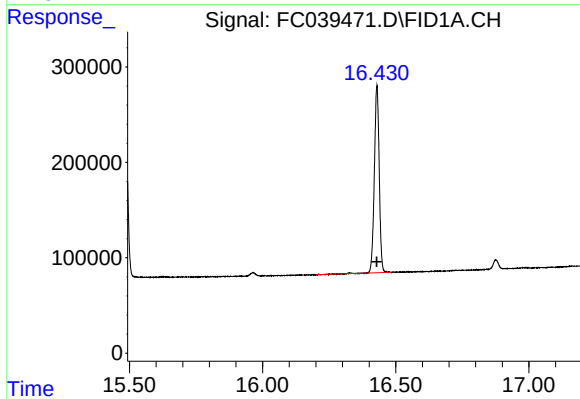
#14 n-Tetracosane (C24)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 2433219
Conc: 19.47 ug/ml



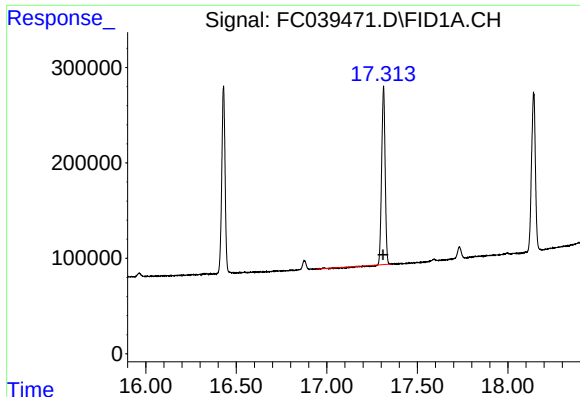
#15 n-Hexacosane (C26)

R.T.: 15.484 min
Delta R.T.: 0.000 min
Response: 2439498
Conc: 19.56 ug/ml



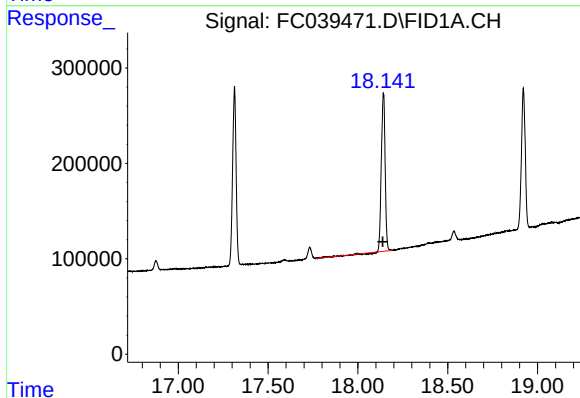
#16 n-Octacosane (C28)

R.T.: 16.429 min
Delta R.T.: 0.000 min
Response: 2493178
Conc: 18.65 ug/ml



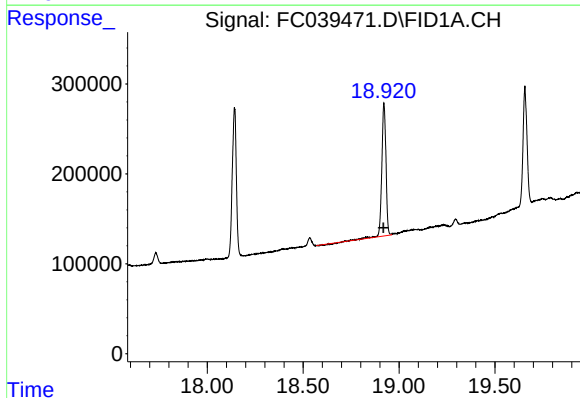
#17 n-Tricontane (C30)

R.T.: 17.313 min
Delta R.T.: 0.002 min
Response: 2438417
Conc: 16.62 ug/ml



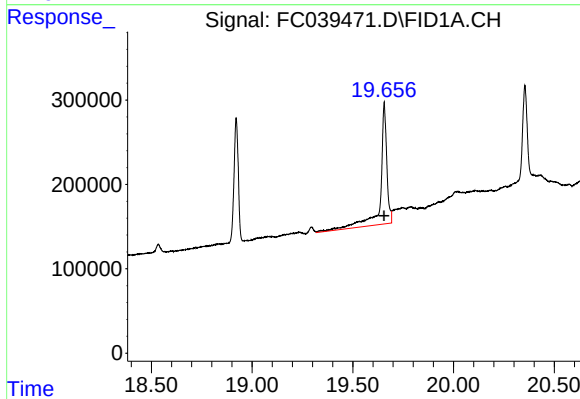
#18 n-Dotriacontane (C32)

R.T.: 18.142 min
Delta R.T.: 0.003 min
Response: 2416801
Conc: 17.99 ug/ml



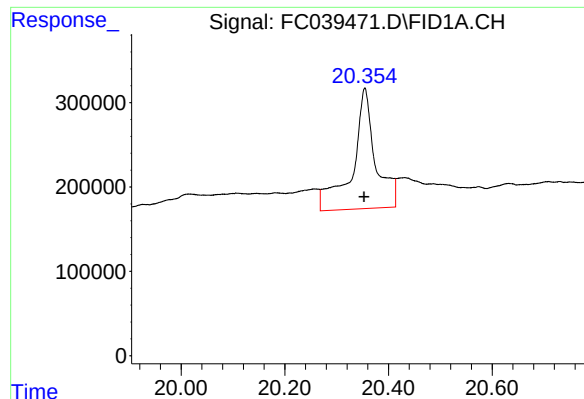
#19 n-Tetratriacontane (C34)

R.T.: 18.921 min
Delta R.T.: 0.002 min
Response: 2211194
Conc: 19.44 ug/ml



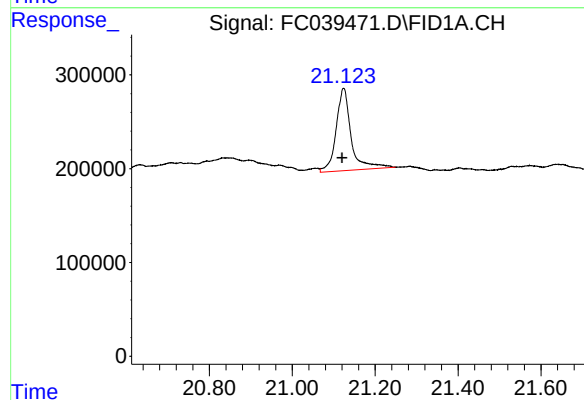
#20 n-Hexatriacontane (C36)

R.T.: 19.656 min
Delta R.T.: 0.000 min
Response: 3191841
Conc: 33.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.354 min
Delta R.T.: 0.001 min
Response: 4408902
Conc: 48.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.124 min
Delta R.T.: 0.004 min
Response: 2217560
Conc: 24.43 ug/ml