

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101819AL\
 Data File : FD031118.D
 Signal(s) : FID2B.CH
 Acq On : 19 Oct 2019 1:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 19 06:19:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.435	2503019	19.958 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	12.864	1870052	19.973 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
Target Compounds			
1) T n-Nonane (C9)	3.265	2289793	21.890 ug/ml
2) T n-Decane (C10)	4.321	2306609	22.004 ug/ml
3) T A~Naphthalene (C11.7)	5.890	2512005	21.922 ug/ml
4) T n-Dodecane (C12)	6.323	2340103	21.878 ug/ml
5) T A~2-methylnaphthalene...	6.939	2534623	21.988 ug/ml
6) T n-Tetradecane (C14)	8.105	2316312	21.537 ug/ml
7) T n-Hexadecane (C16)	9.694	2289141	21.256 ug/ml
8) T n-Octadecane (C18)	11.125	2260615	20.677 ug/ml
10) T n-Eicosane (C20)	12.424	2211715	20.227 ug/ml
11) T n-Heneicosane (C21)	13.031	2202684	20.041 ug/ml
13) T n-Docosane (C22)	13.613	2184994	19.979 ug/ml
14) T n-Tetracosane (C24)	14.707	2199810	20.143 ug/ml
15) T n-Hexacosane (C26)	15.719	2118561	19.576 ug/ml
16) T n-Octacosane (C28)	16.659	2119677	19.745 ug/ml
17) T n-Tricontane (C30)	17.540	2111295	19.820 ug/ml
18) T n-Dotriacontane (C32)	18.365	2069169	20.100 ug/ml
19) T n-Tetratriacontane (C34)	19.141	1993355	20.284 ug/ml
20) T n-Hexatriacontane (C36)	19.874	1889197	20.508 ug/ml
21) T n-Octatriacontane (C38)	20.576	1882629	21.754 ug/ml
22) T n-Tetracontane (C40)	21.401	1941042	21.845 ug/ml

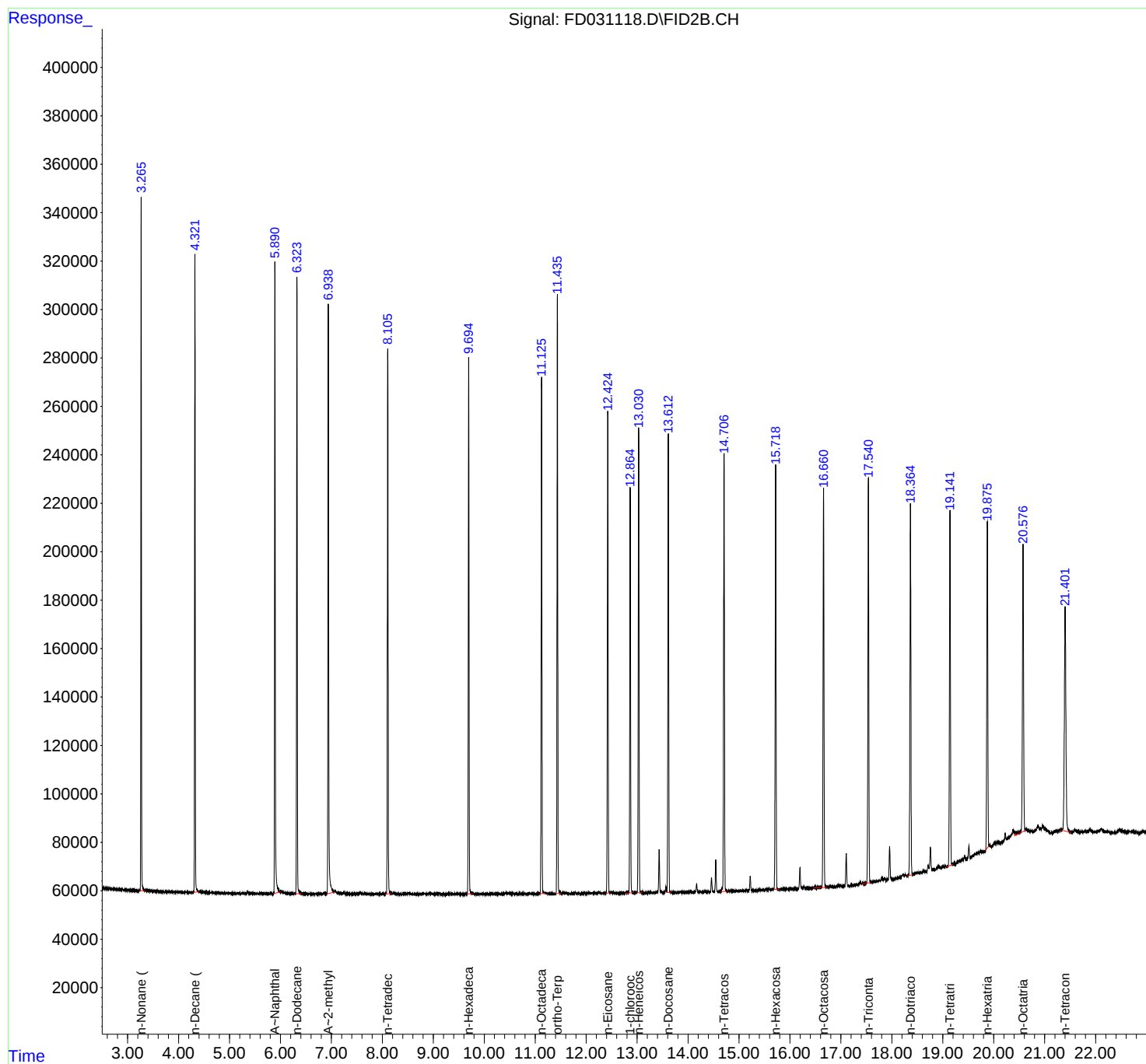
(f)=RT Delta > 1/2 Window

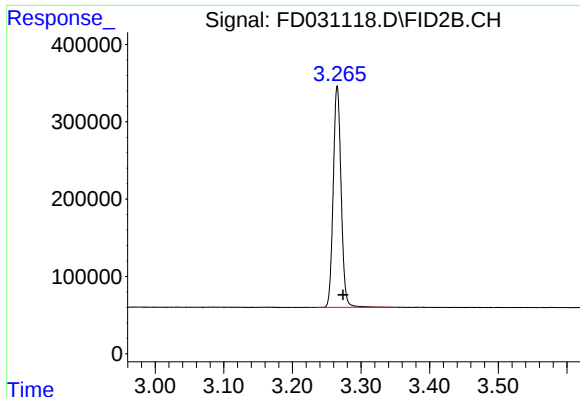
(m)=manual int.

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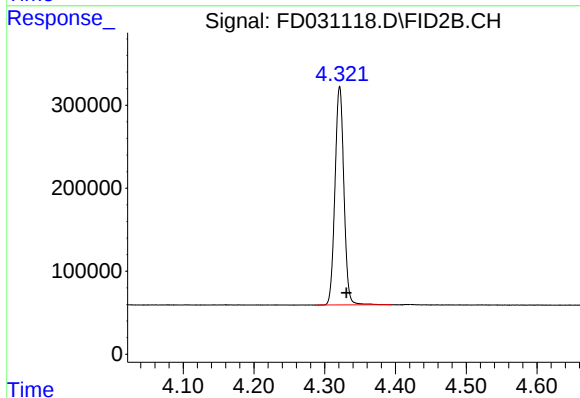
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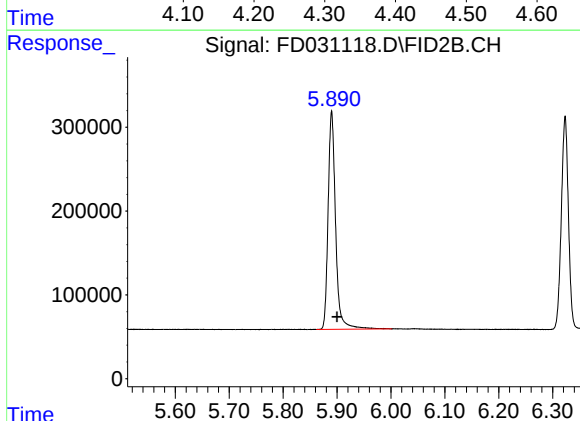
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.009 min
Response: 2289793
Conc: 21.89 ug/ml



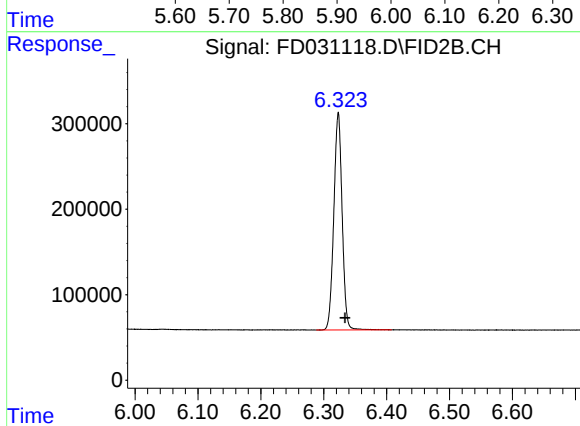
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: -0.010 min
Response: 2306609
Conc: 22.00 ug/ml



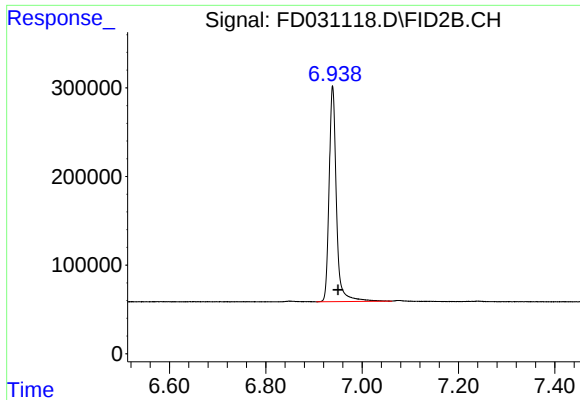
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.010 min
Response: 2512005
Conc: 21.92 ug/ml



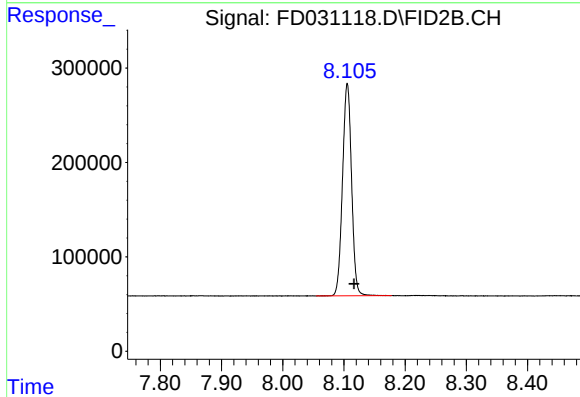
#4 n-Dodecane (C12)

R.T.: 6.323 min
Delta R.T.: -0.011 min
Response: 2340103
Conc: 21.88 ug/ml



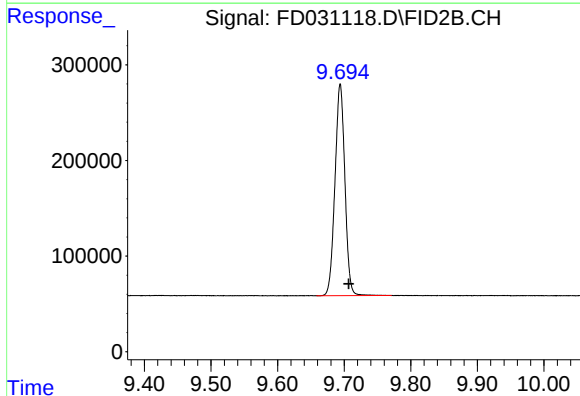
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.939 min
Delta R.T.: -0.011 min
Response: 2534623
Conc: 21.99 ug/ml



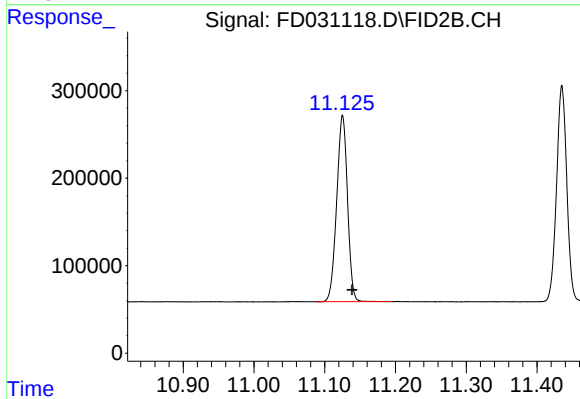
#6 n-Tetradecane (C14)

R.T.: 8.105 min
Delta R.T.: -0.011 min
Response: 2316312
Conc: 21.54 ug/ml



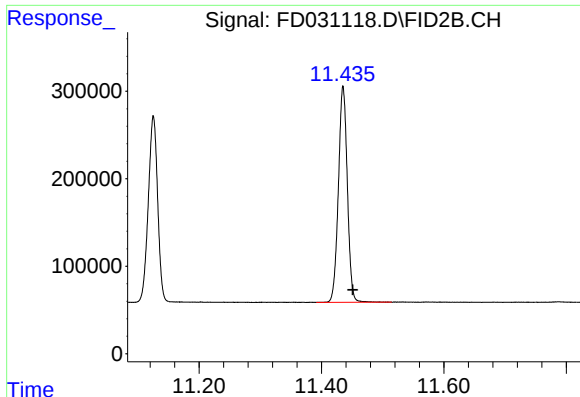
#7 n-Hexadecane (C16)

R.T.: 9.694 min
Delta R.T.: -0.013 min
Response: 2289141
Conc: 21.26 ug/ml



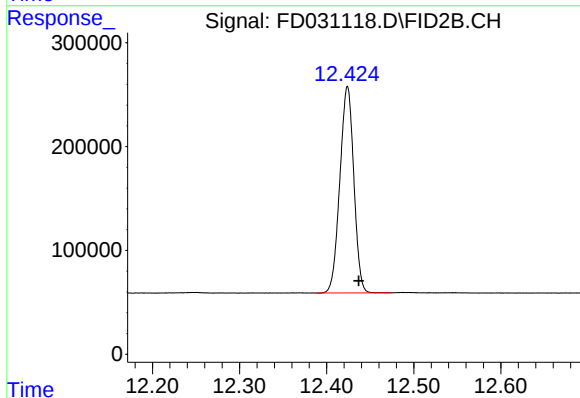
#8 n-Octadecane (C18)

R.T.: 11.125 min
Delta R.T.: -0.014 min
Response: 2260615
Conc: 20.68 ug/ml



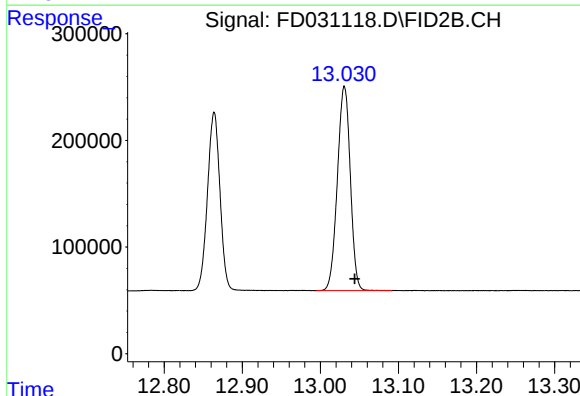
#9 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.015 min
Response: 2503019
Conc: 19.96 ug/ml



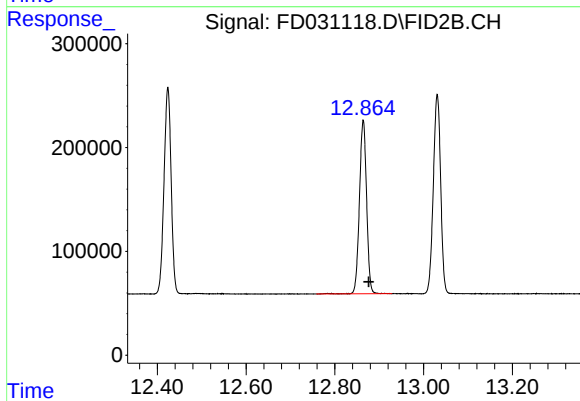
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.013 min
Response: 2211715
Conc: 20.23 ug/ml



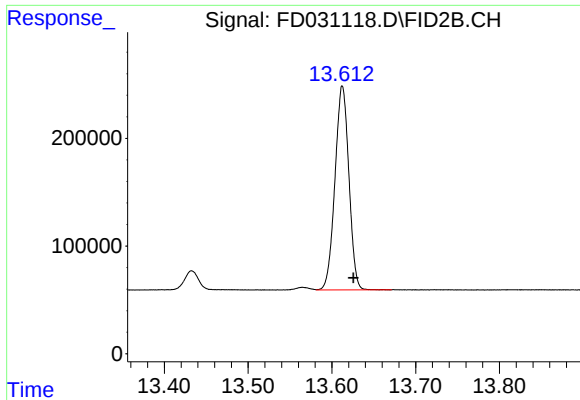
#11 n-Heneicosane (C21)

R.T.: 13.031 min
Delta R.T.: -0.013 min
Response: 2202684
Conc: 20.04 ug/ml



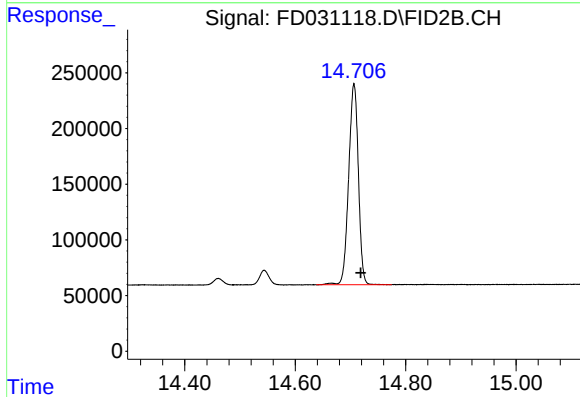
#12 1-chlorooctadecane (SURR)

R.T.: 12.864 min
Delta R.T.: -0.012 min
Response: 1870052
Conc: 19.97 ug/ml



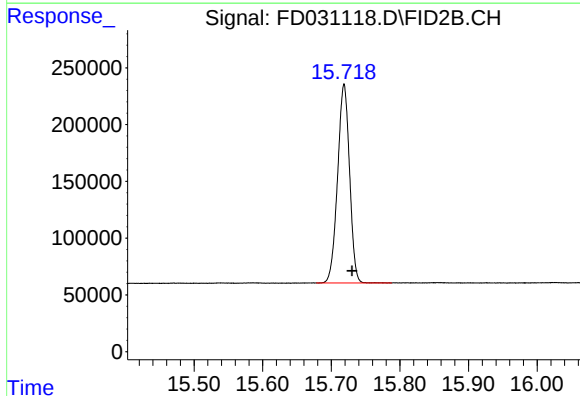
#13 n-Docosane (C22)

R.T.: 13.613 min
Delta R.T.: -0.013 min
Response: 2184994
Conc: 19.98 ug/ml



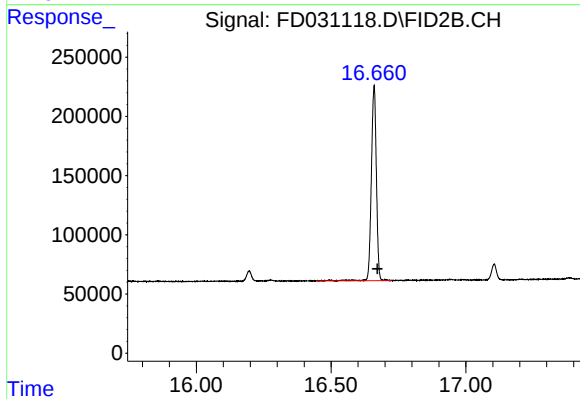
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.012 min
Response: 2199810
Conc: 20.14 ug/ml



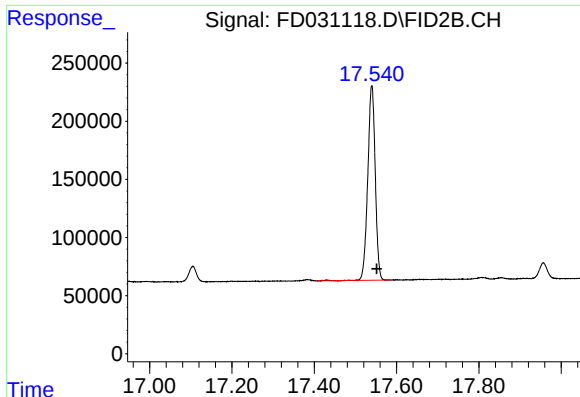
#15 n-Hexacosane (C26)

R.T.: 15.719 min
Delta R.T.: -0.012 min
Response: 2118561
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.659 min
Delta R.T.: -0.012 min
Response: 2119677
Conc: 19.74 ug/ml



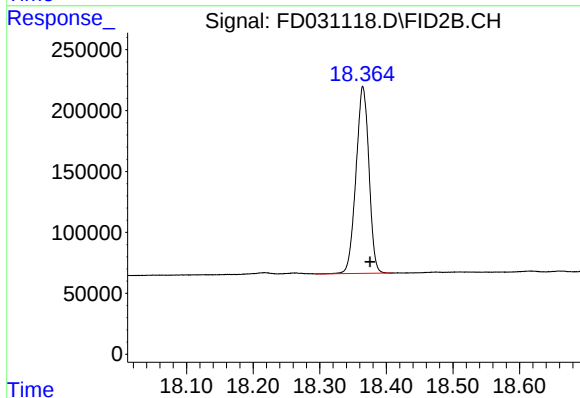
#17 n-Tricontane (C30)

R.T.: 17.540 min

Delta R.T.: -0.012 min

Response: 2111295

Conc: 19.82 ug/ml



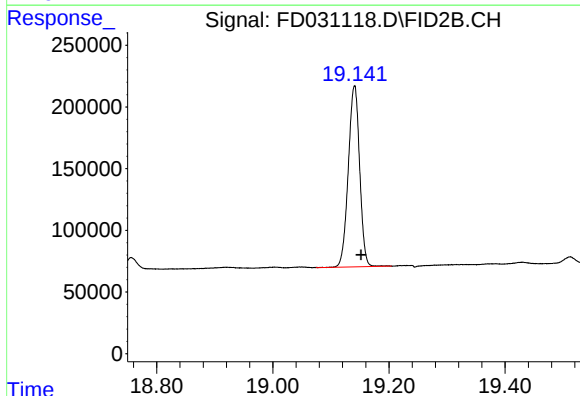
#18 n-Dotriacontane (C32)

R.T.: 18.365 min

Delta R.T.: -0.011 min

Response: 2069169

Conc: 20.10 ug/ml



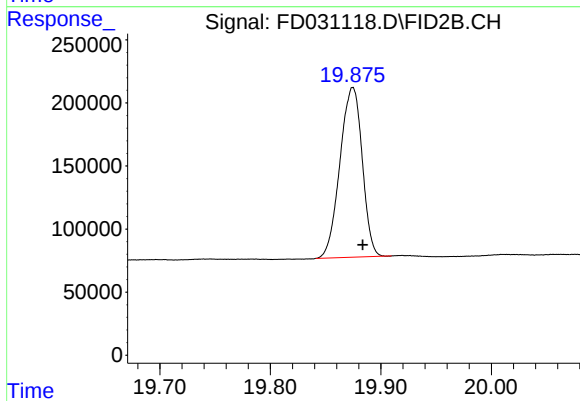
#19 n-Tetratriacontane (C34)

R.T.: 19.141 min

Delta R.T.: -0.011 min

Response: 1993355

Conc: 20.28 ug/ml



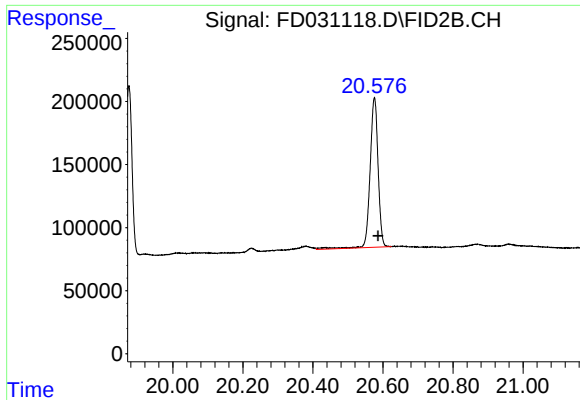
#20 n-Hexatriacontane (C36)

R.T.: 19.874 min

Delta R.T.: -0.009 min

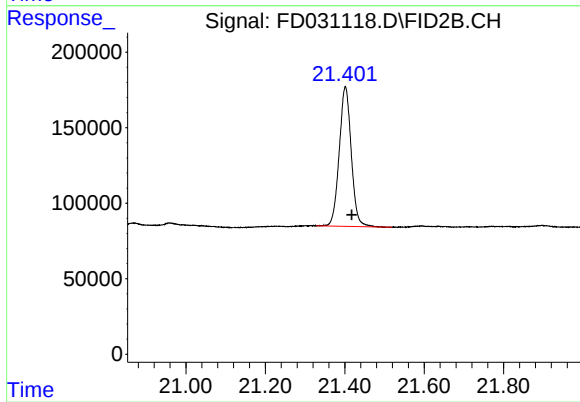
Response: 1889197

Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.576 min
Delta R.T.: -0.011 min
Response: 1882629
Conc: 21.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.401 min
Delta R.T.: -0.016 min
Response: 1941042
Conc: 21.84 ug/ml