

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091219AL\
 Data File : FD030652.D
 Signal(s) : FID2B.CH
 Acq On : 12 Sep 2019 13:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 13 04:49:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.489	2579371	17.733 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	12.917	1929221	17.664 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
Target Compounds			
1) T n-Nonane (C9)	3.302	2329480	18.663 ug/ml
2) T n-Decane (C10)	4.361	2346510	18.754 ug/ml
3) T A~Naphthalene (C11.7)	5.935	2630726	18.760 ug/ml
4) T n-Dodecane (C12)	6.367	2375290	18.775 ug/ml
5) T A~2-methylnaphthalene...	6.986	2660824	18.774 ug/ml
6) T n-Tetradecane (C14)	8.152	2377538	18.682 ug/ml
7) T n-Hexadecane (C16)	9.743	2370925	18.574 ug/ml
8) T n-Octadecane (C18)	11.176	2344053	18.285 ug/ml
10) T n-Eicosane (C20)	12.475	2279637	17.888 ug/ml
11) T n-Heneicosane (C21)	13.082	2275265	17.786 ug/ml
13) T n-Docosane (C22)	13.665	2224141	17.462 ug/ml
14) T n-Tetracosane (C24)	14.760	2160713	17.015 ug/ml
15) T n-Hexacosane (C26)	15.773	2066887	16.617 ug/ml
16) T n-Octacosane (C28)	16.716	2027889	16.632 ug/ml
17) T n-Tricontane (C30)	17.596	1982233	16.673 ug/ml
18) T n-Dotriacontane (C32)	18.421	1952712	17.030 ug/ml
19) T n-Tetratriacontane (C34)	19.198	1922286	17.706 ug/mlm
20) T n-Hexatriacontane (C36)	19.930	1894530	18.456 ug/mlm
21) T n-Octatriacontane (C38)	20.638	1825295	18.811 ug/mlm
22) T n-Tetracontane (C40)	21.486	1879511	18.330 ug/ml

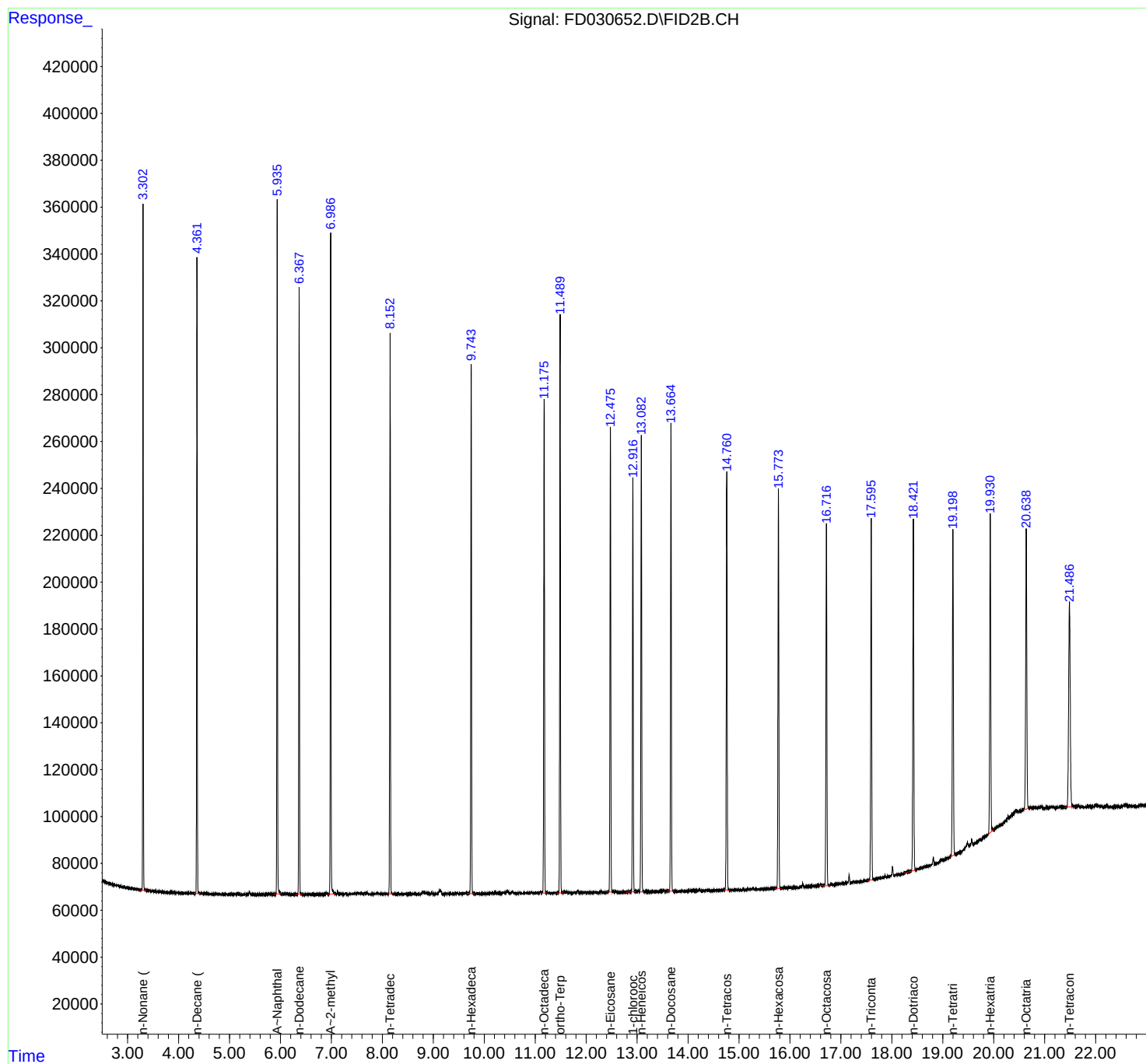
(f)=RT Delta > 1/2 Window

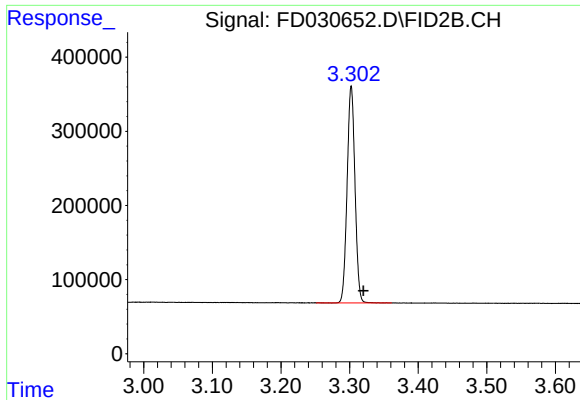
(m)=manual int.

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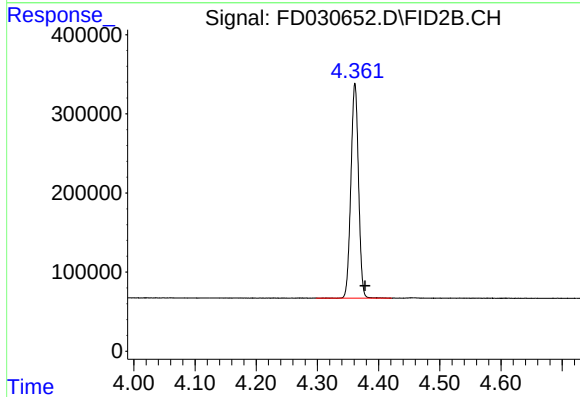
Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





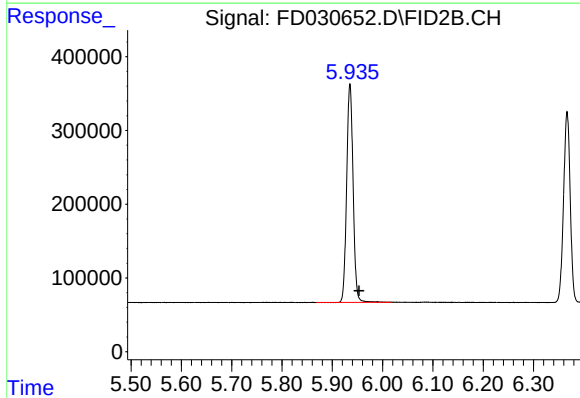
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.018 min
Response: 2329480
Conc: 18.66 ug/ml



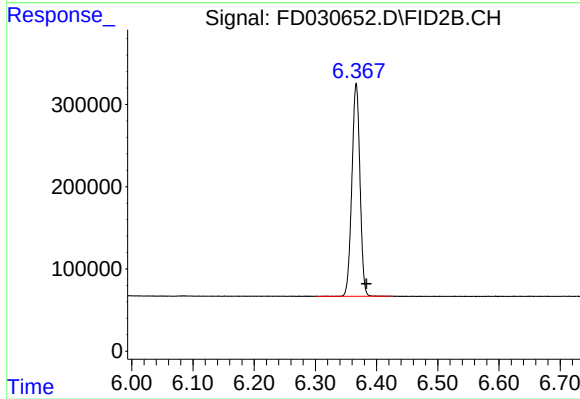
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.017 min
Response: 2346510
Conc: 18.75 ug/ml



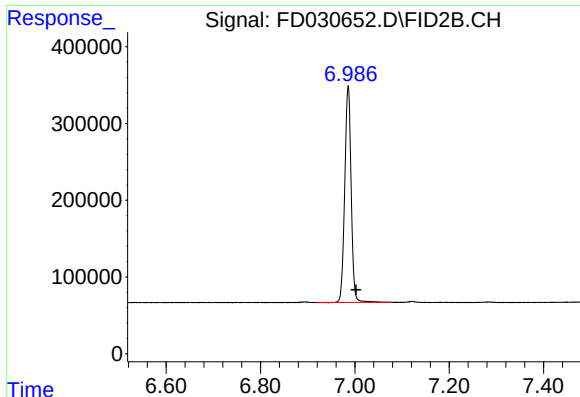
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.018 min
Response: 2630726
Conc: 18.76 ug/ml



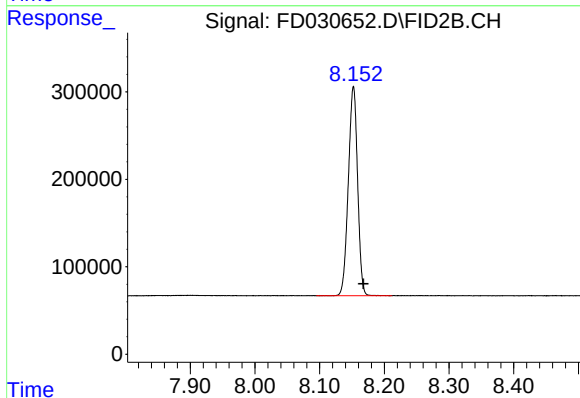
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: -0.017 min
Response: 2375290
Conc: 18.77 ug/ml



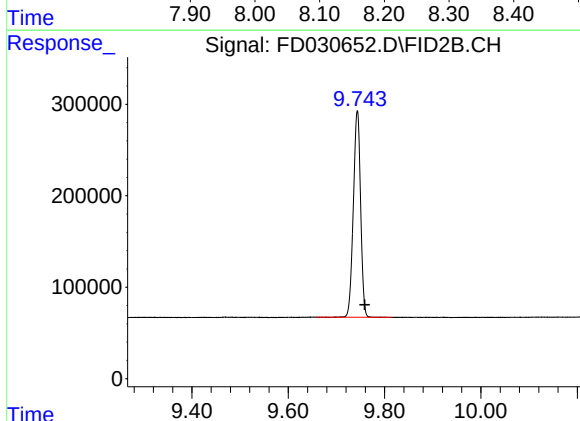
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.017 min
Response: 2660824
Conc: 18.77 ug/ml



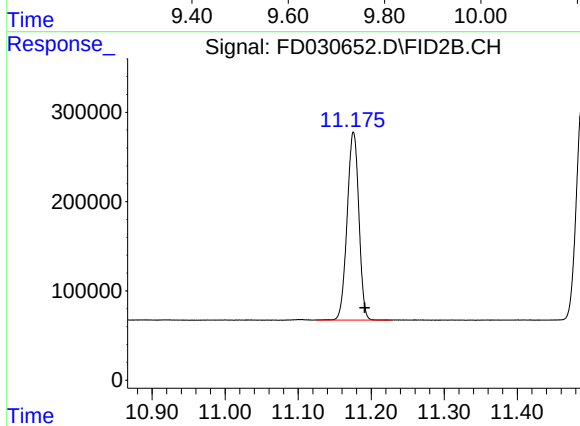
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: -0.016 min
Response: 2377538
Conc: 18.68 ug/ml



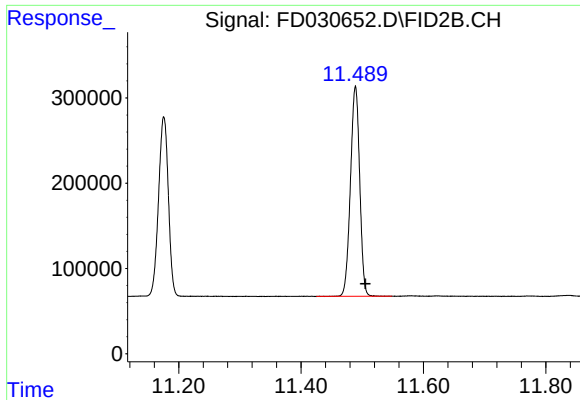
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.015 min
Response: 2370925
Conc: 18.57 ug/ml



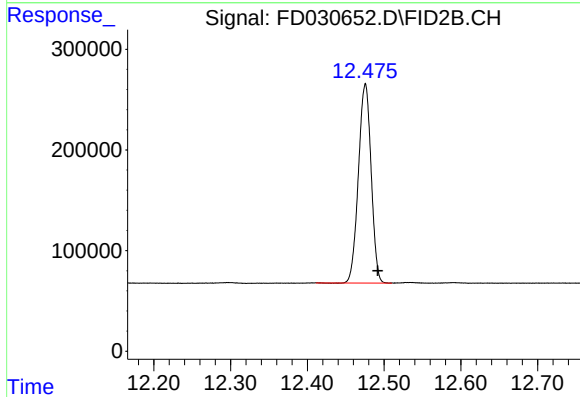
#8 n-Octadecane (C18)

R.T.: 11.176 min
Delta R.T.: -0.016 min
Response: 2344053
Conc: 18.29 ug/ml



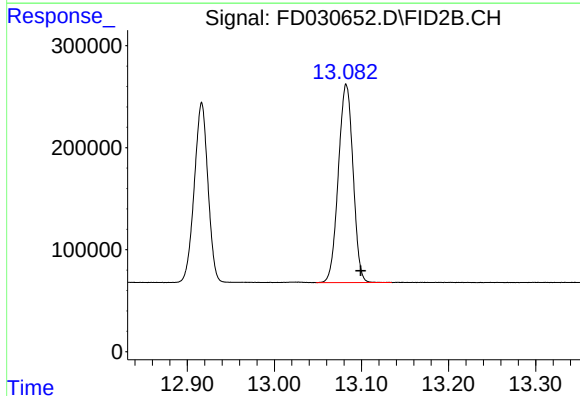
#9 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.016 min
Response: 2579371
Conc: 17.73 ug/ml



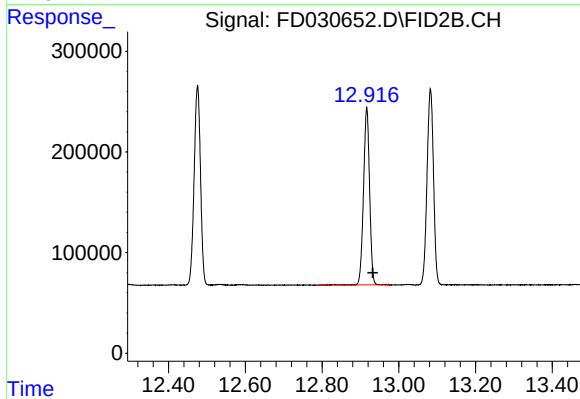
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.016 min
Response: 2279637
Conc: 17.89 ug/ml



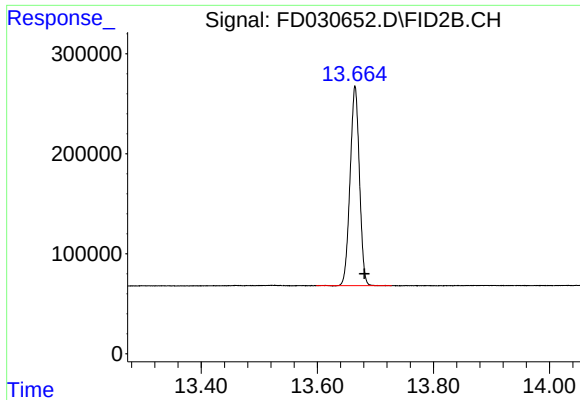
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.016 min
Response: 2275265
Conc: 17.79 ug/ml



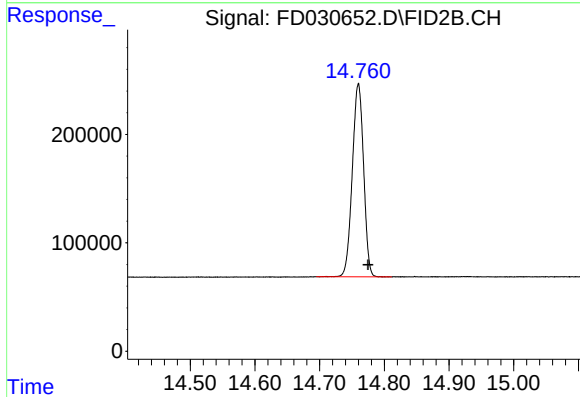
#12 1-chlorooctadecane (SURR)

R.T.: 12.917 min
Delta R.T.: -0.016 min
Response: 1929221
Conc: 17.66 ug/ml



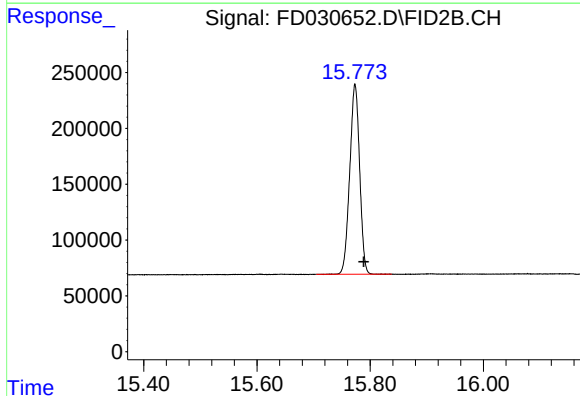
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.016 min
Response: 2224141
Conc: 17.46 ug/ml



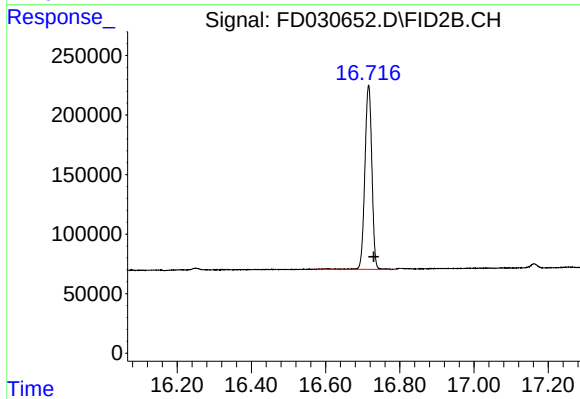
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: -0.015 min
Response: 2160713
Conc: 17.02 ug/ml



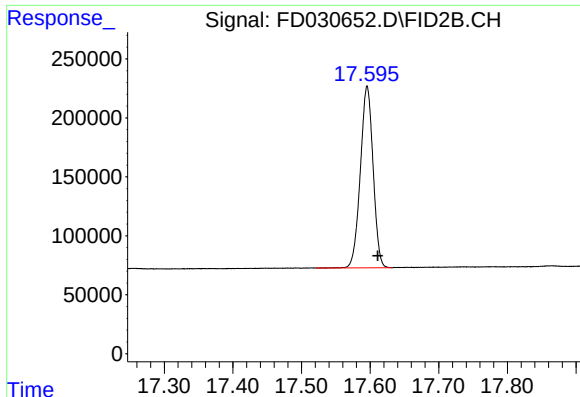
#15 n-Hexacosane (C26)

R.T.: 15.773 min
Delta R.T.: -0.015 min
Response: 2066887
Conc: 16.62 ug/ml



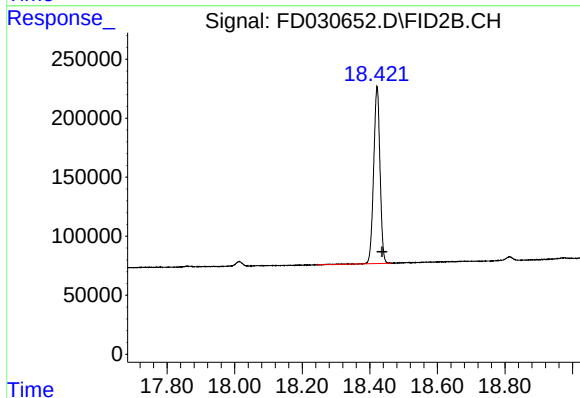
#16 n-Octacosane (C28)

R.T.: 16.716 min
Delta R.T.: -0.014 min
Response: 2027889
Conc: 16.63 ug/ml



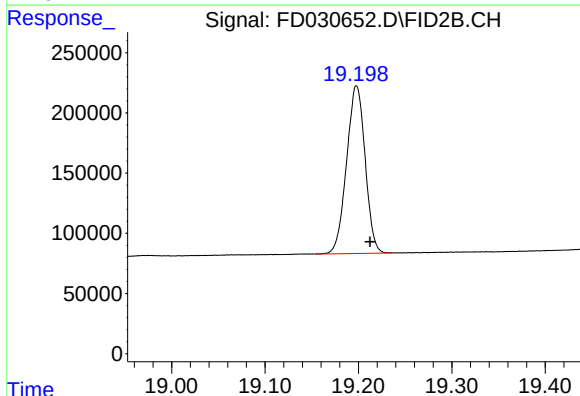
#17 n-Tricontane (C30)

R.T.: 17.596 min
Delta R.T.: -0.015 min
Response: 1982233
Conc: 16.67 ug/ml



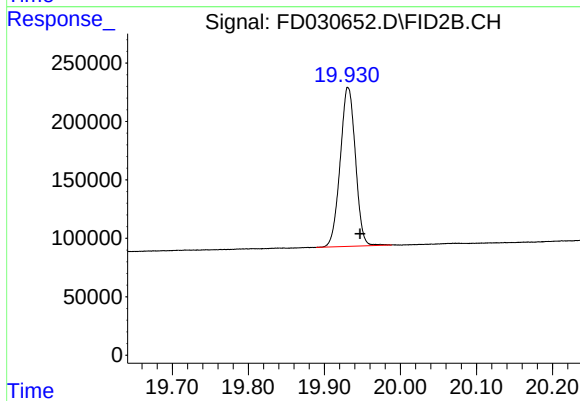
#18 n-Dotriacontane (C32)

R.T.: 18.421 min
Delta R.T.: -0.015 min
Response: 1952712
Conc: 17.03 ug/ml



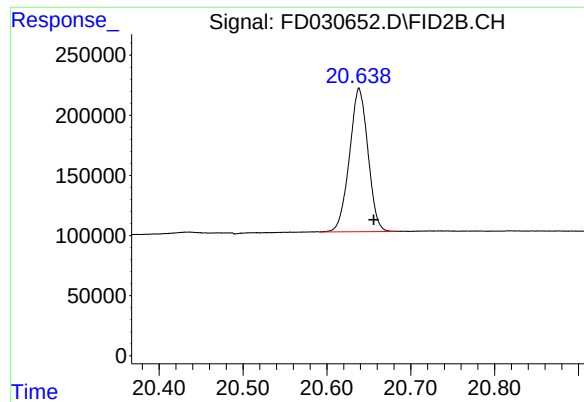
#19 n-Tetratriacontane (C34)

R.T.: 19.198 min
Delta R.T.: -0.015 min
Response: 1922286
Conc: 17.71 ug/ml m



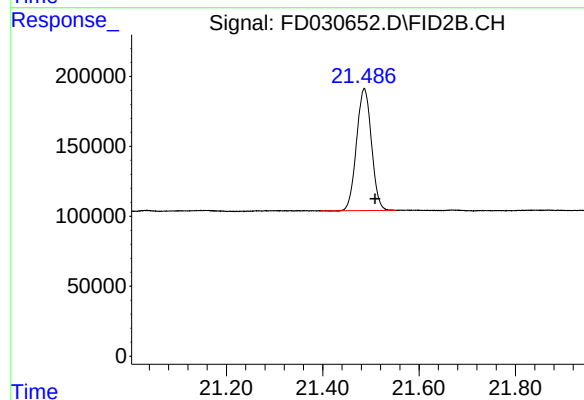
#20 n-Hexatriacontane (C36)

R.T.: 19.930 min
Delta R.T.: -0.017 min
Response: 1894530
Conc: 18.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: -0.018 min
Response: 1825295
Conc: 18.81 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.486 min
Delta R.T.: -0.023 min
Response: 1879511
Conc: 18.33 ug/ml