

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101321AL\
 Data File : FD039108.D
 Signal(s) : FID2B.CH
 Acq On : 13 Oct 2021 10:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 13:44:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 2021
 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)	11.675	2542646	17.915 ug/ml
Spiked Amount 50.000		Recovery =	35.83%
12) S 1-chlorooctadecane (S...	13.101	1979344	17.602 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
Target Compounds			
1) T n-Nonane (C9)	3.436	2466395	19.553 ug/ml
2) T n-Decane (C10)	4.505	2499104	19.581 ug/ml
3) T A~Naphthalene (C11.7)	6.097	2754303	19.342 ug/ml
4) T n-Dodecane (C12)	6.521	2494796	19.480 ug/ml
5) T A~2-methylnaphthalene...	7.152	2753273	19.233 ug/ml
6) T n-Tetradecane (C14)	8.313	2495071	19.228 ug/ml
7) T n-Hexadecane (C16)	9.911	2468358	18.926 ug/ml
8) T n-Octadecane (C18)	11.350	2472129	18.484 ug/ml
10) T n-Eicosane (C20)	12.656	2384943	17.983 ug/ml
11) T n-Heneicosane (C21)	13.266	2367045	17.677 ug/ml
13) T n-Docosane (C22)	13.851	2304045	17.370 ug/ml
14) T n-Tetracosane (C24)	14.949	2251324	16.991 ug/ml
15) T n-Hexacosane (C26)	15.965	2148442	16.691 ug/ml
16) T n-Octacosane (C28)	16.911	2077270	16.474 ug/ml
17) T n-Tricontane (C30)	17.795	2023271	16.588 ug/ml
18) T n-Dotriacontane (C32)	18.624	1971194	17.002 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1961163	18.168 ug/ml
20) T n-Hexatriacontane (C36)	20.139	1918351	19.605 ug/ml
21) T n-Octatriacontane (C38)	20.879	1888589	21.037 ug/ml
22) T n-Tetracontane (C40)	21.805	1934920	21.965 ug/ml

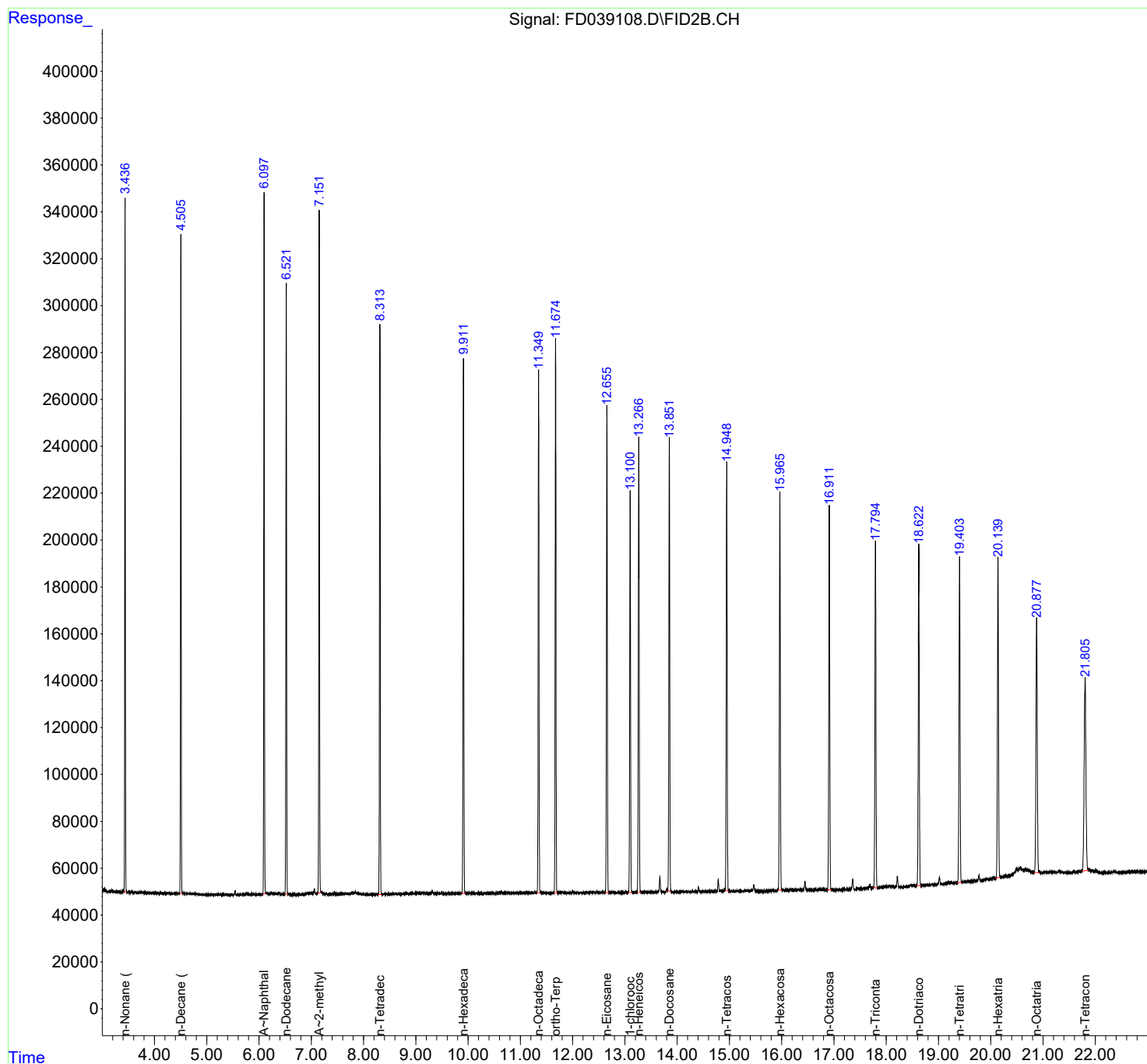
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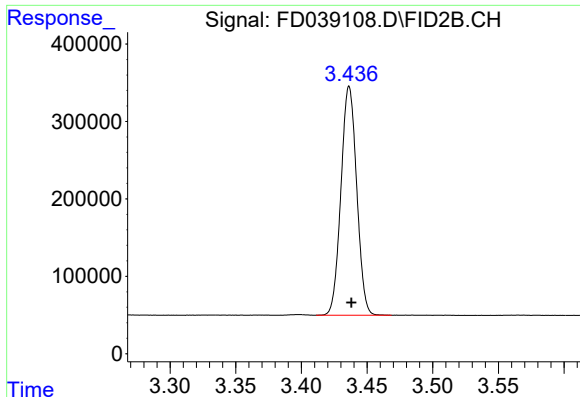
(m)=manual int.

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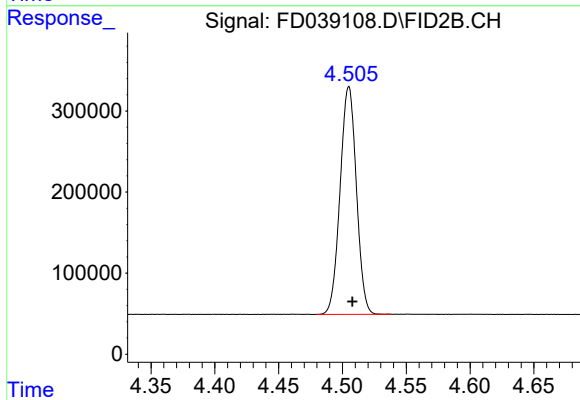
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Signal Info : 20M x 0.18mm x 0.18um





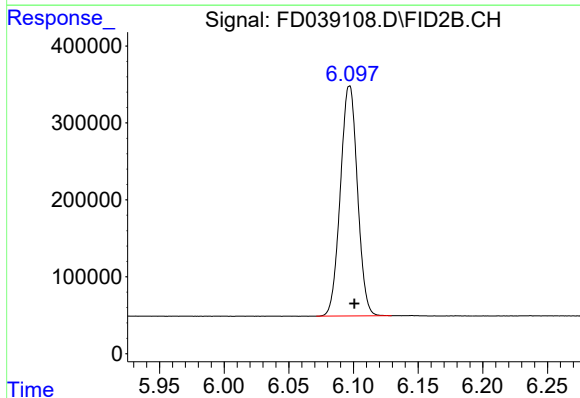
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2466395
Conc: 19.55 ug/ml



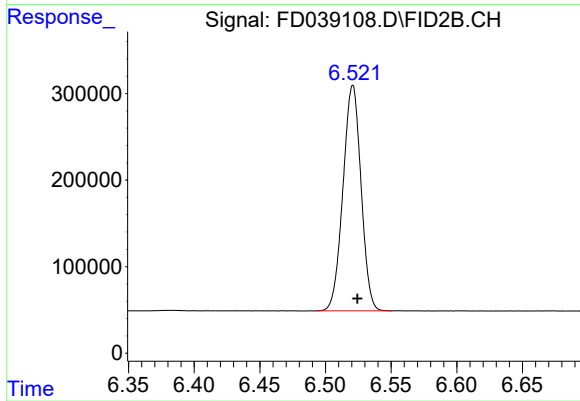
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 2499104
Conc: 19.58 ug/ml



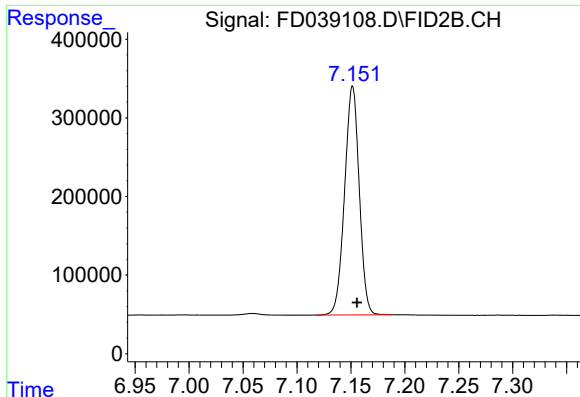
#3 A~Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: -0.004 min
Response: 2754303
Conc: 19.34 ug/ml



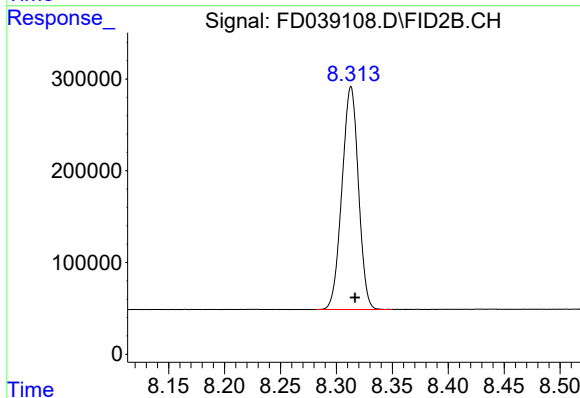
#4 n-Dodecane (C12)

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 2494796
Conc: 19.48 ug/ml



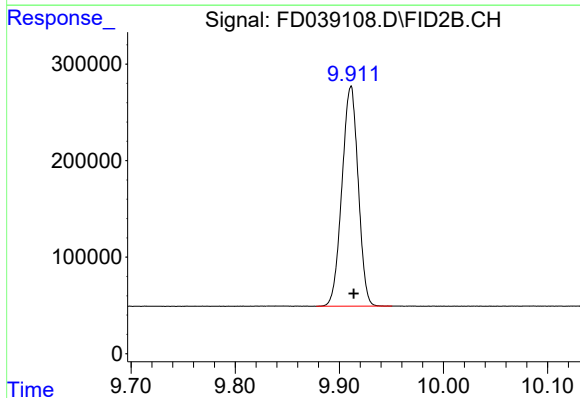
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.004 min
Response: 2753273
Conc: 19.23 ug/ml



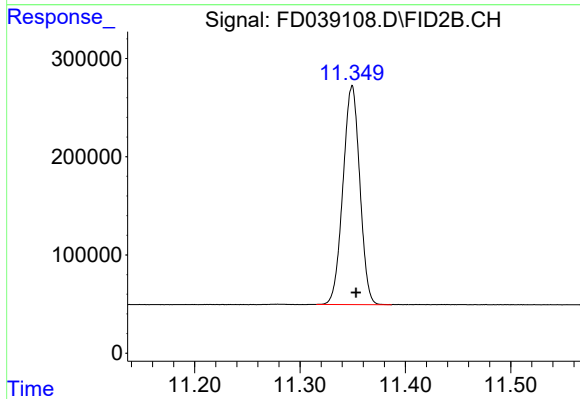
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 2495071
Conc: 19.23 ug/ml



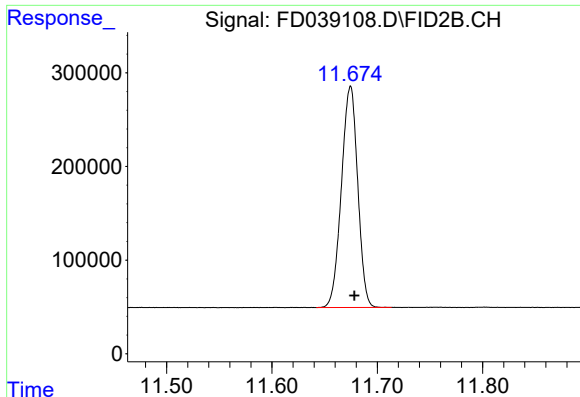
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.003 min
Response: 2468358
Conc: 18.93 ug/ml



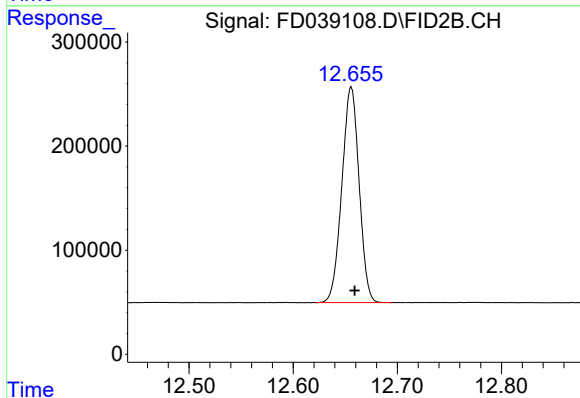
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.003 min
Response: 2472129
Conc: 18.48 ug/ml



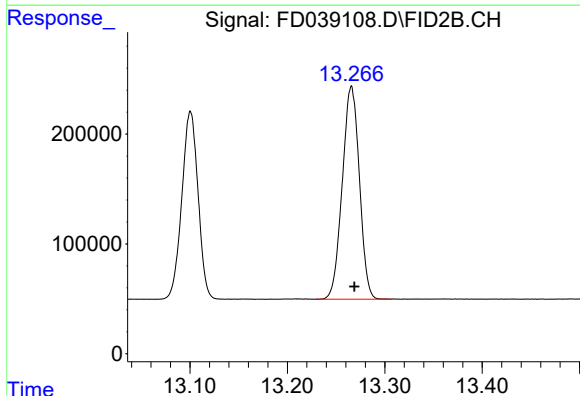
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.004 min
Response: 2542646
Conc: 17.91 ug/ml



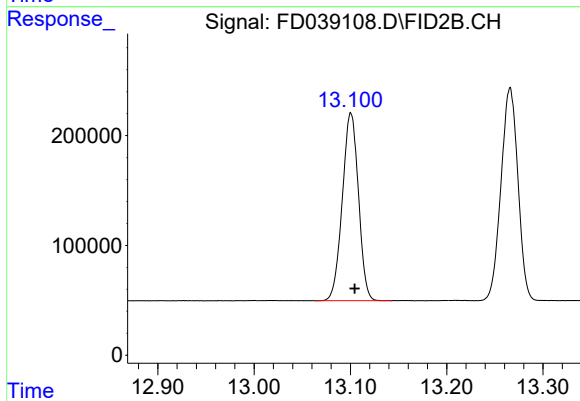
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2384943
Conc: 17.98 ug/ml



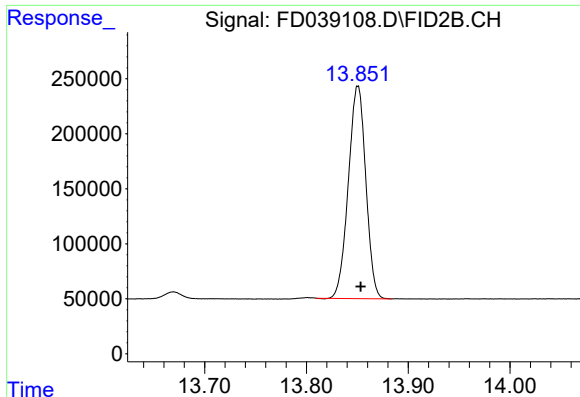
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2367045
Conc: 17.68 ug/ml



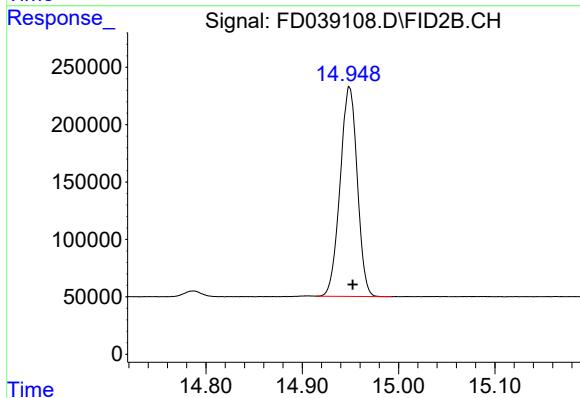
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.004 min
Response: 1979344
Conc: 17.60 ug/ml



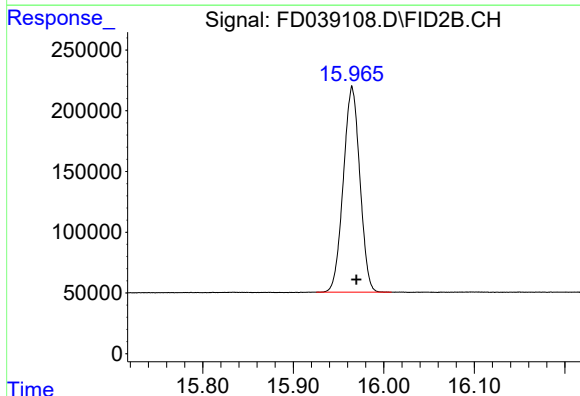
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.003 min
Response: 2304045
Conc: 17.37 ug/ml



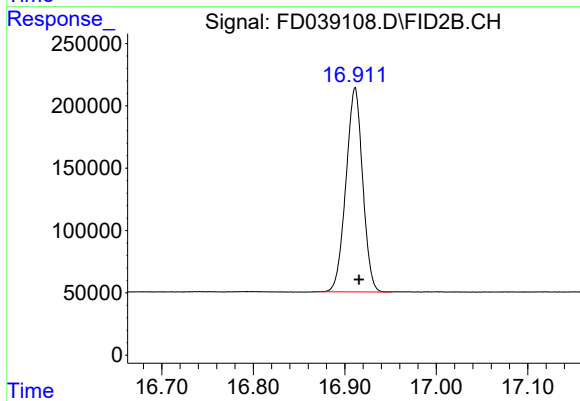
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.003 min
Response: 2251324
Conc: 16.99 ug/ml



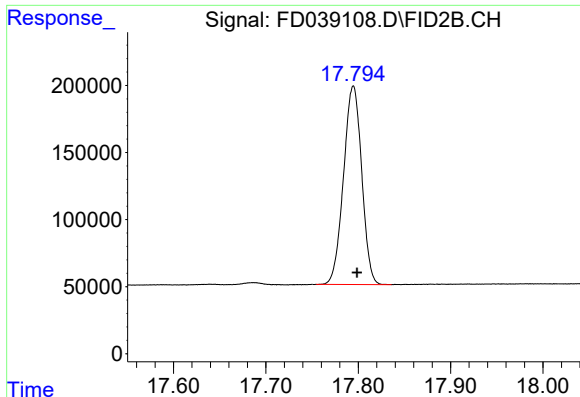
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: -0.005 min
Response: 2148442
Conc: 16.69 ug/ml



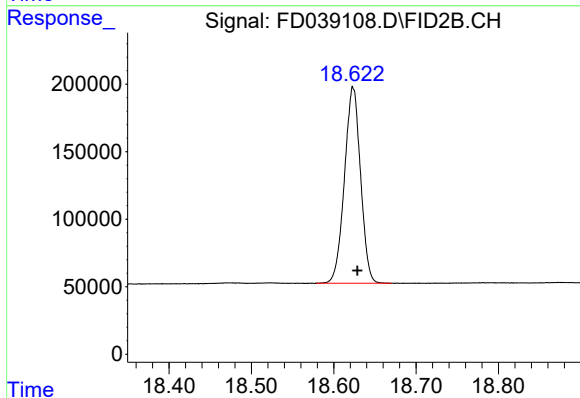
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.004 min
Response: 2077270
Conc: 16.47 ug/ml



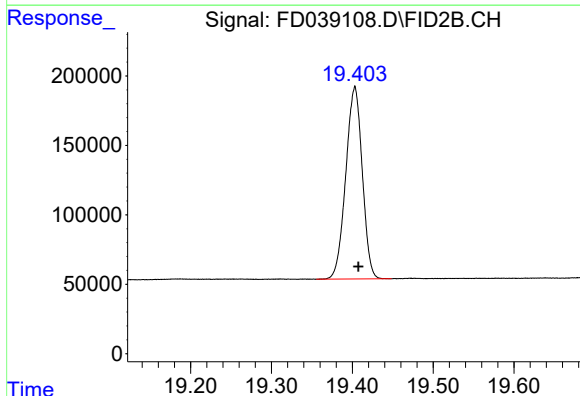
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.004 min
Response: 2023271
Conc: 16.59 ug/ml



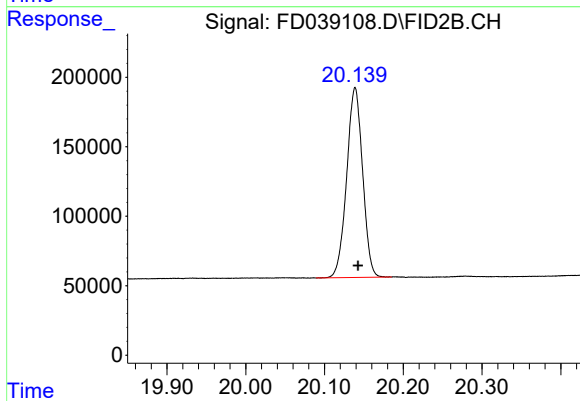
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.005 min
Response: 1971194
Conc: 17.00 ug/ml



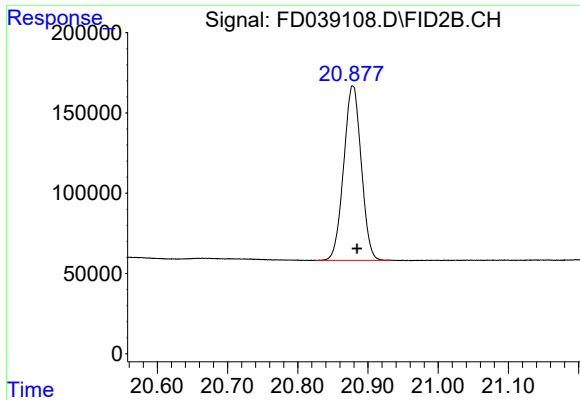
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: -0.004 min
Response: 1961163
Conc: 18.17 ug/ml



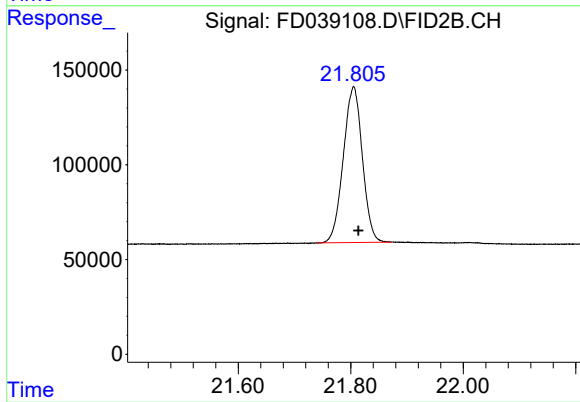
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.004 min
Response: 1918351
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min
Delta R.T.: -0.006 min
Response: 1888589
Conc: 21.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.805 min
Delta R.T.: -0.008 min
Response: 1934920
Conc: 21.96 ug/ml