

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102321AL\
 Data File : FD039223.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2021 1:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 23 02:08:44 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)	11.674	2479723	17.471 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
12) S 1-chlorooctadecane (S...	13.101	1930879	17.171 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
Target Compounds			
1) T n-Nonane (C9)	3.433	2427013	19.241 ug/ml
2) T n-Decane (C10)	4.503	2463587	19.303 ug/ml
3) T A~Naphthalene (C11.7)	6.096	2711691	19.043 ug/ml
4) T n-Dodecane (C12)	6.519	2454101	19.162 ug/ml
5) T A~2-methylnaphthalene...	7.152	2700053	18.861 ug/ml
6) T n-Tetradecane (C14)	8.312	2446175	18.851 ug/ml
7) T n-Hexadecane (C16)	9.910	2416382	18.527 ug/ml
8) T n-Octadecane (C18)	11.349	2421128	18.103 ug/ml
10) T n-Eicosane (C20)	12.656	2347536	17.701 ug/ml
11) T n-Heneicosane (C21)	13.266	2318715	17.316 ug/ml
13) T n-Docosane (C22)	13.850	2316875	17.466 ug/ml
14) T n-Tetracosane (C24)	14.950	2365200	17.850 ug/ml
15) T n-Hexacosane (C26)	15.967	2326568	18.075 ug/ml
16) T n-Octacosane (C28)	16.913	2308158	18.305 ug/mlm
17) T n-Tricontane (C30)	17.797	2371847	19.446 ug/ml
18) T n-Dotriacontane (C32)	18.627	2292233	19.771 ug/ml
19) T n-Tetratriacontane (C34)	19.408	2178913	20.185 ug/ml
20) T n-Hexatriacontane (C36)	20.145	2088178	21.340 ug/ml
21) T n-Octatriacontane (C38)	20.886	1988340	22.148 ug/ml
22) T n-Tetracontane (C40)	21.814	2057221	23.353 ug/ml

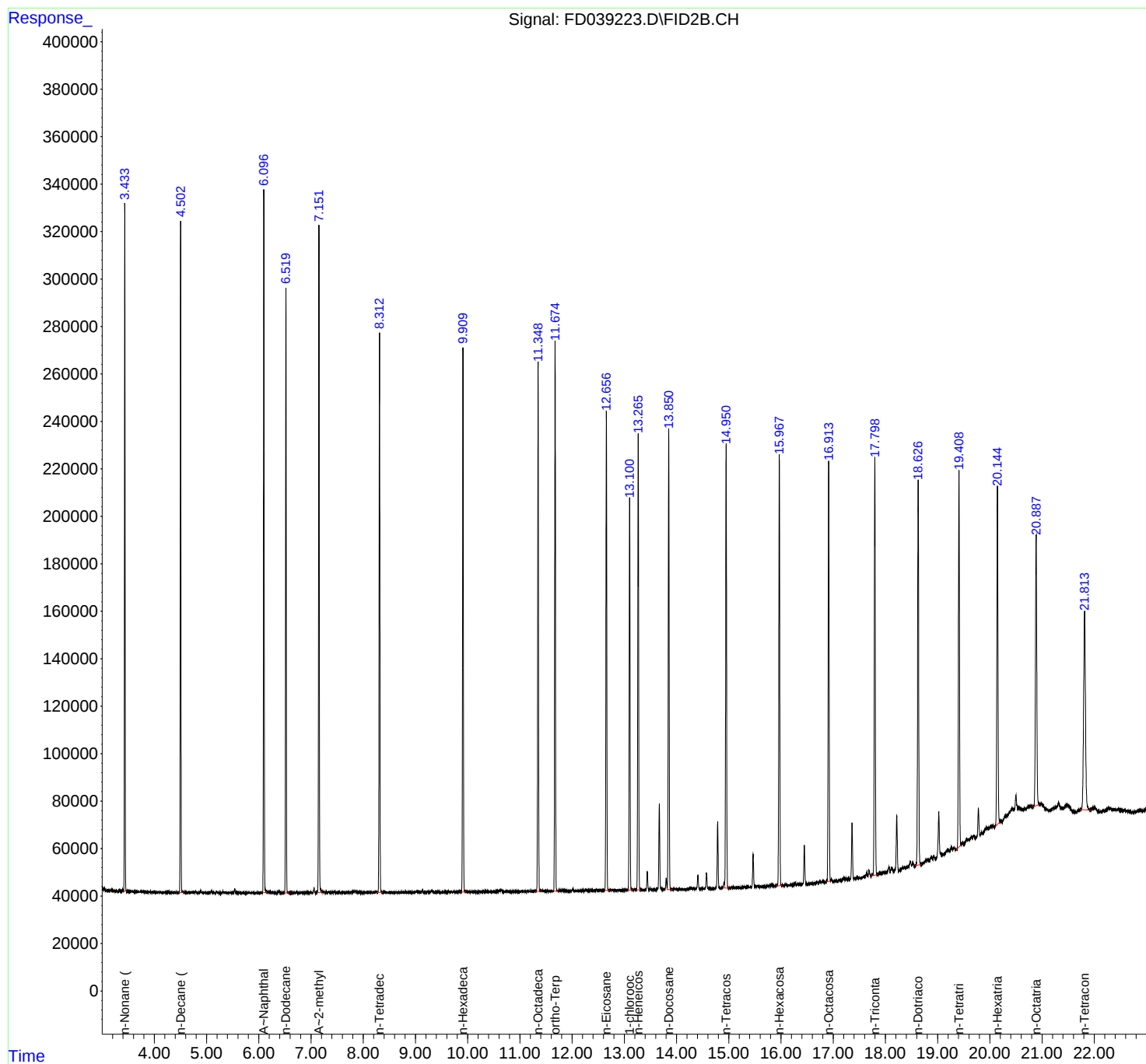
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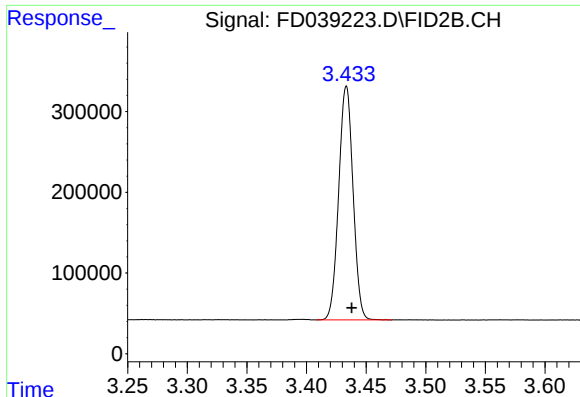
(m)=manual int.

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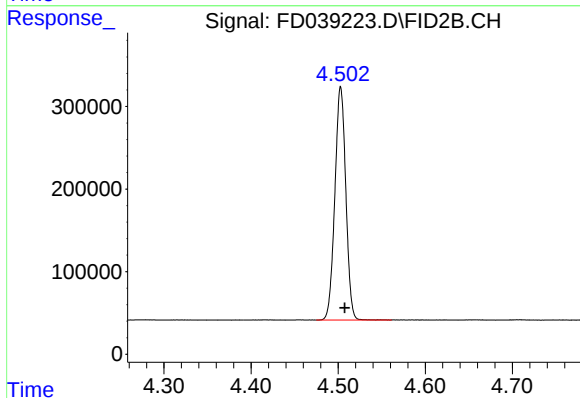
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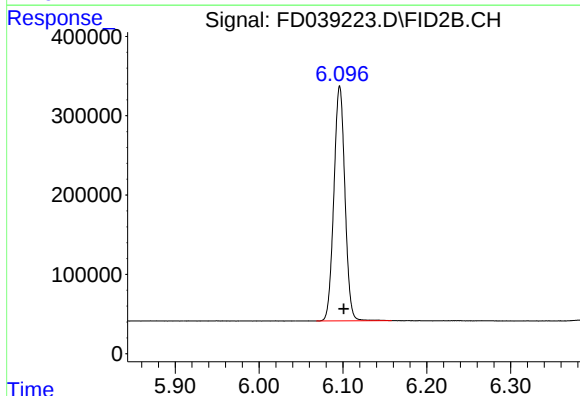
#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: -0.005 min
Response: 2427013
Conc: 19.24 ug/ml



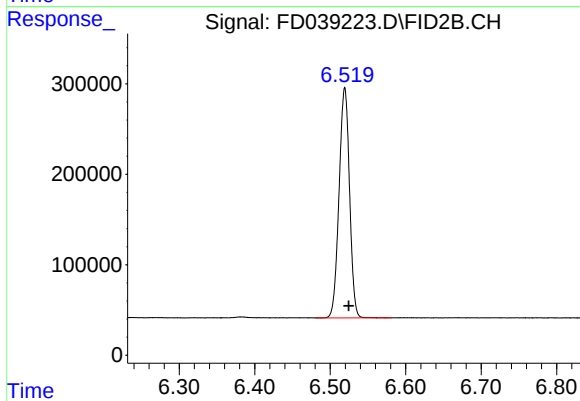
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.005 min
Response: 2463587
Conc: 19.30 ug/ml



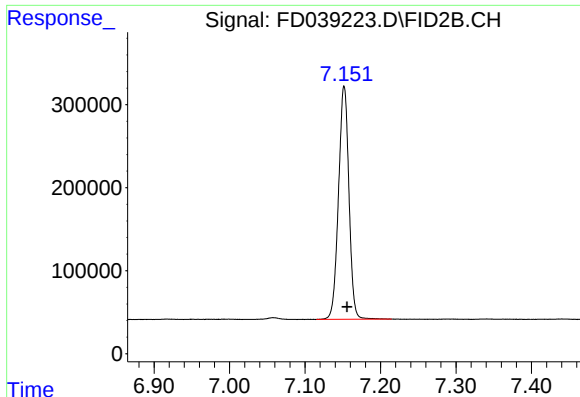
#3 A~Naphthalene (C11.7)

R.T.: 6.096 min
Delta R.T.: -0.005 min
Response: 2711691
Conc: 19.04 ug/ml



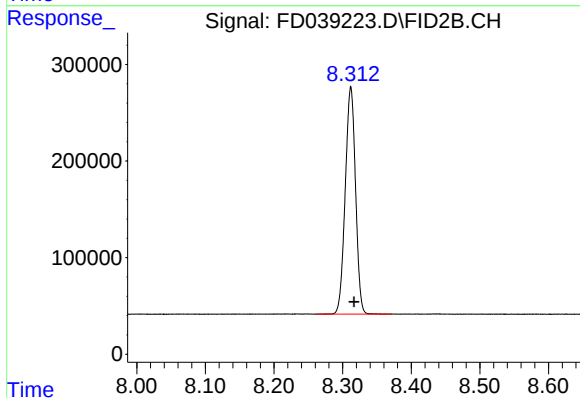
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 2454101
Conc: 19.16 ug/ml



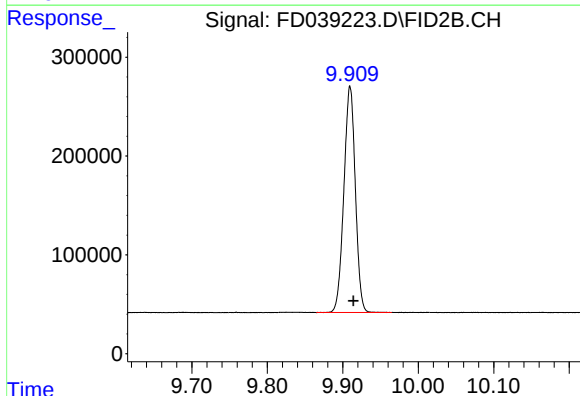
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.004 min
Response: 2700053
Conc: 18.86 ug/ml



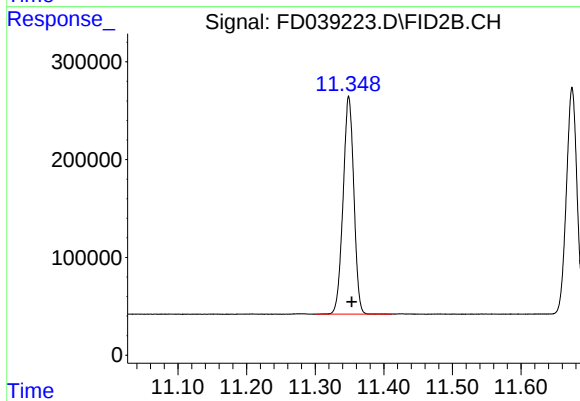
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: -0.005 min
Response: 2446175
Conc: 18.85 ug/ml



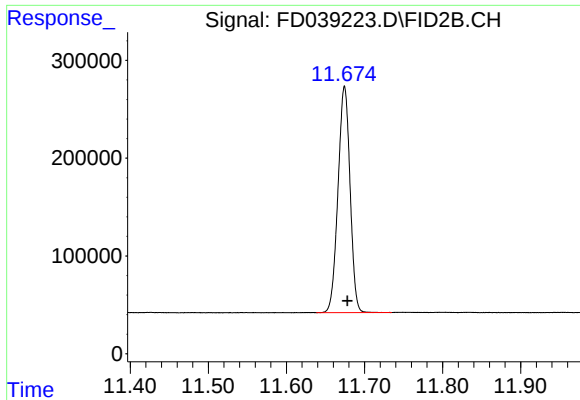
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.004 min
Response: 2416382
Conc: 18.53 ug/ml



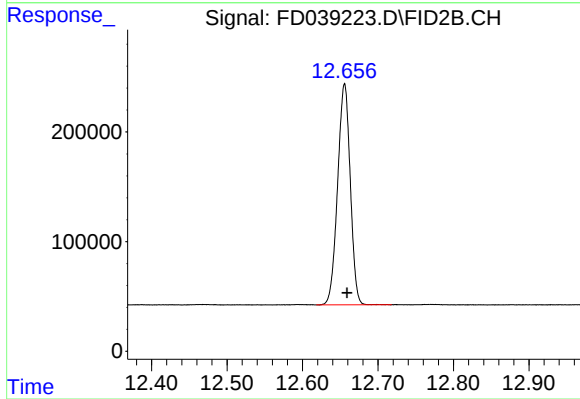
#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.004 min
Response: 2421128
Conc: 18.10 ug/ml



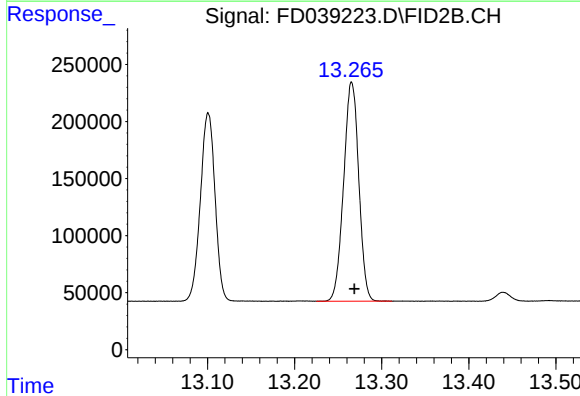
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.004 min
Response: 2479723
Conc: 17.47 ug/ml



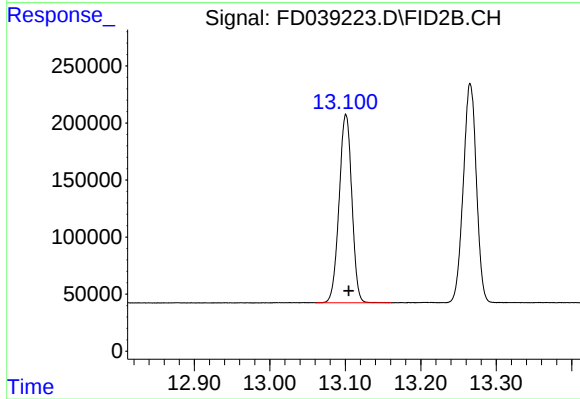
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.004 min
Response: 2347536
Conc: 17.70 ug/ml



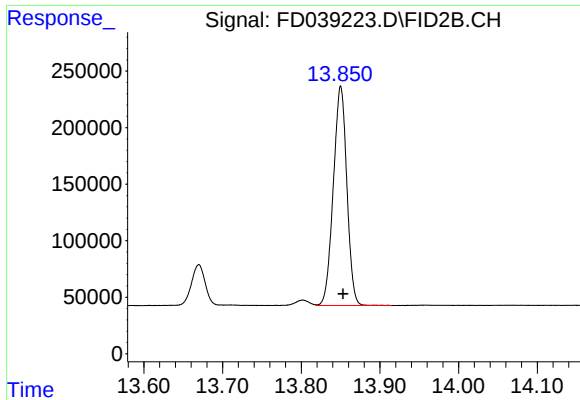
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2318715
Conc: 17.32 ug/ml



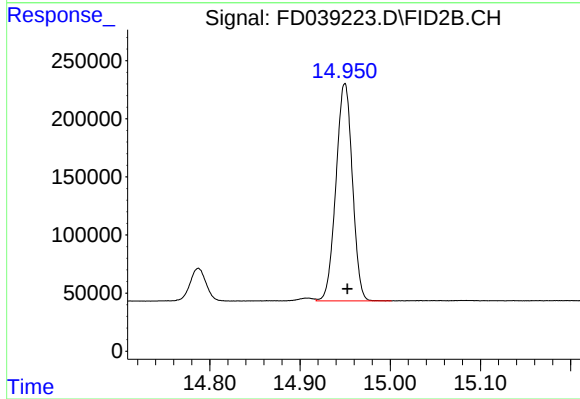
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.004 min
Response: 1930879
Conc: 17.17 ug/ml



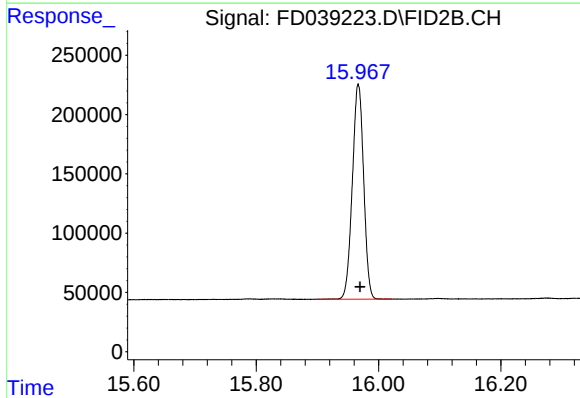
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.003 min
Response: 2316875
Conc: 17.47 ug/ml



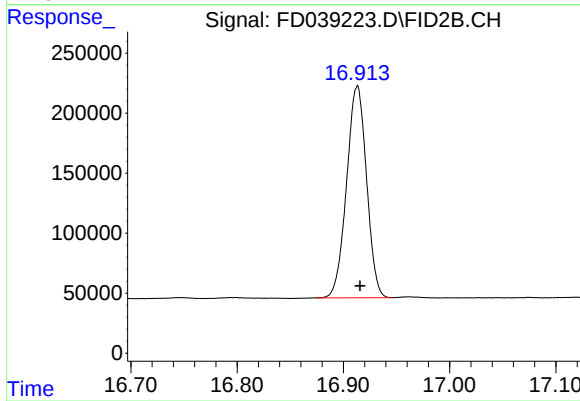
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.003 min
Response: 2365200
Conc: 17.85 ug/ml



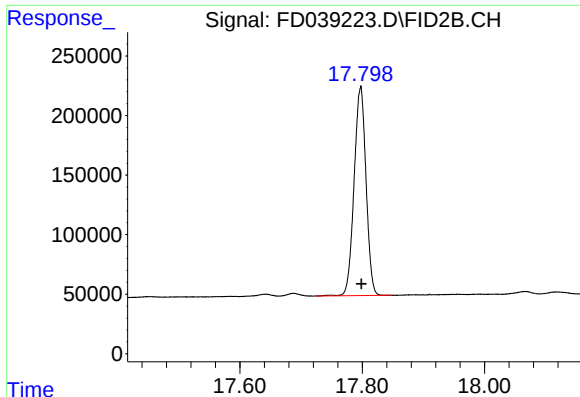
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.003 min
Response: 2326568
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2308158
Conc: 18.31 ug/ml m



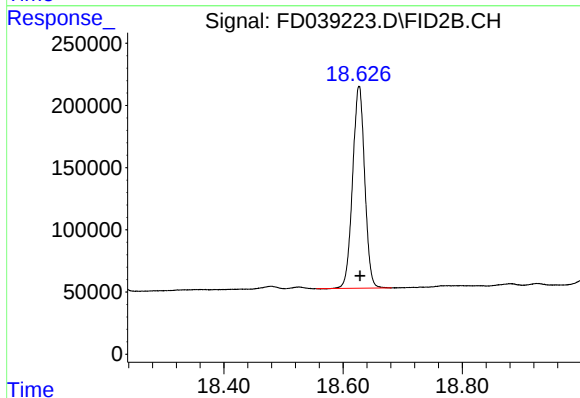
#17 n-Tricontane (C30)

R.T.: 17.797 min

Delta R.T.: -0.001 min

Response: 2371847

Conc: 19.45 ug/ml



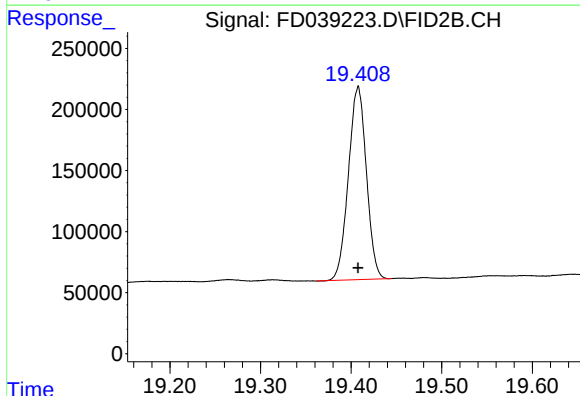
#18 n-Dotriacontane (C32)

R.T.: 18.627 min

Delta R.T.: -0.002 min

Response: 2292233

Conc: 19.77 ug/ml



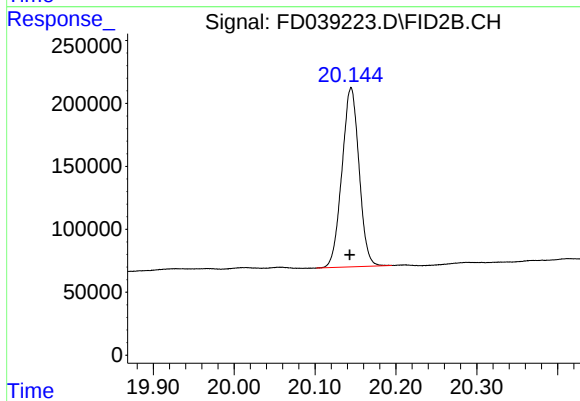
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min

Delta R.T.: 0.000 min

Response: 2178913

Conc: 20.19 ug/ml



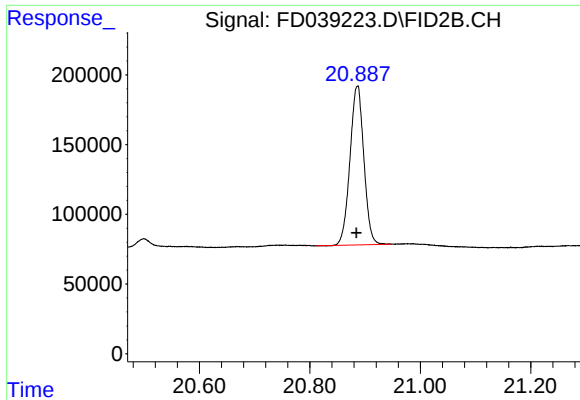
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min

Delta R.T.: 0.002 min

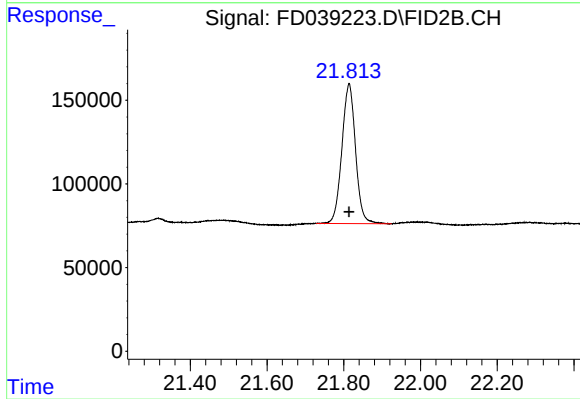
Response: 2088178

Conc: 21.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.002 min
Response: 1988340
Conc: 22.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: 0.000 min
Response: 2057221
Conc: 23.35 ug/ml