

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111121AL\
 Data File : FD039397.D
 Signal(s) : FID2B.CH
 Acq On : 10 Nov 2021 10:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 11 23:34:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.662	2691483	21.095 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
12) S 1-chlorooctadecane (S...	13.089	2074836	19.965 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.427	2495302	21.461 ug/ml
2) T n-Decane (C10)	4.495	2526279	21.609 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2785518	21.614 ug/ml
4) T n-Dodecane (C12)	6.509	2527915	21.364 ug/ml
5) T A~2-methylnaphthalene...	7.140	2772676	21.112 ug/ml
6) T n-Tetradecane (C14)	8.301	2523286	21.408 ug/ml
7) T n-Hexadecane (C16)	9.899	2506285	20.915 ug/ml
8) T n-Octadecane (C18)	11.338	2569524	20.995 ug/ml
10) T n-Eicosane (C20)	12.644	2522115	20.450 ug/ml
11) T n-Heneicosane (C21)	13.254	2511106	20.053 ug/ml
13) T n-Docosane (C22)	13.839	2495003	20.088 ug/ml
14) T n-Tetracosane (C24)	14.938	2529234	20.375 ug/ml
15) T n-Hexacosane (C26)	15.955	2437572	19.843 ug/ml
16) T n-Octacosane (C28)	16.901	2382668	20.466 ug/ml
17) T n-Tricontane (C30)	17.785	2308109	19.595 ug/ml
18) T n-Dotriacontane (C32)	18.613	2217933	19.399 ug/ml
19) T n-Tetratriacontane (C34)	19.393	2168607	20.459 ug/mlm
20) T n-Hexatriacontane (C36)	20.131	2069894	20.319 ug/ml
21) T n-Octatriacontane (C38)	20.869	1984369	20.678 ug/ml
22) T n-Tetracontane (C40)	21.791	1959620	21.242 ug/ml

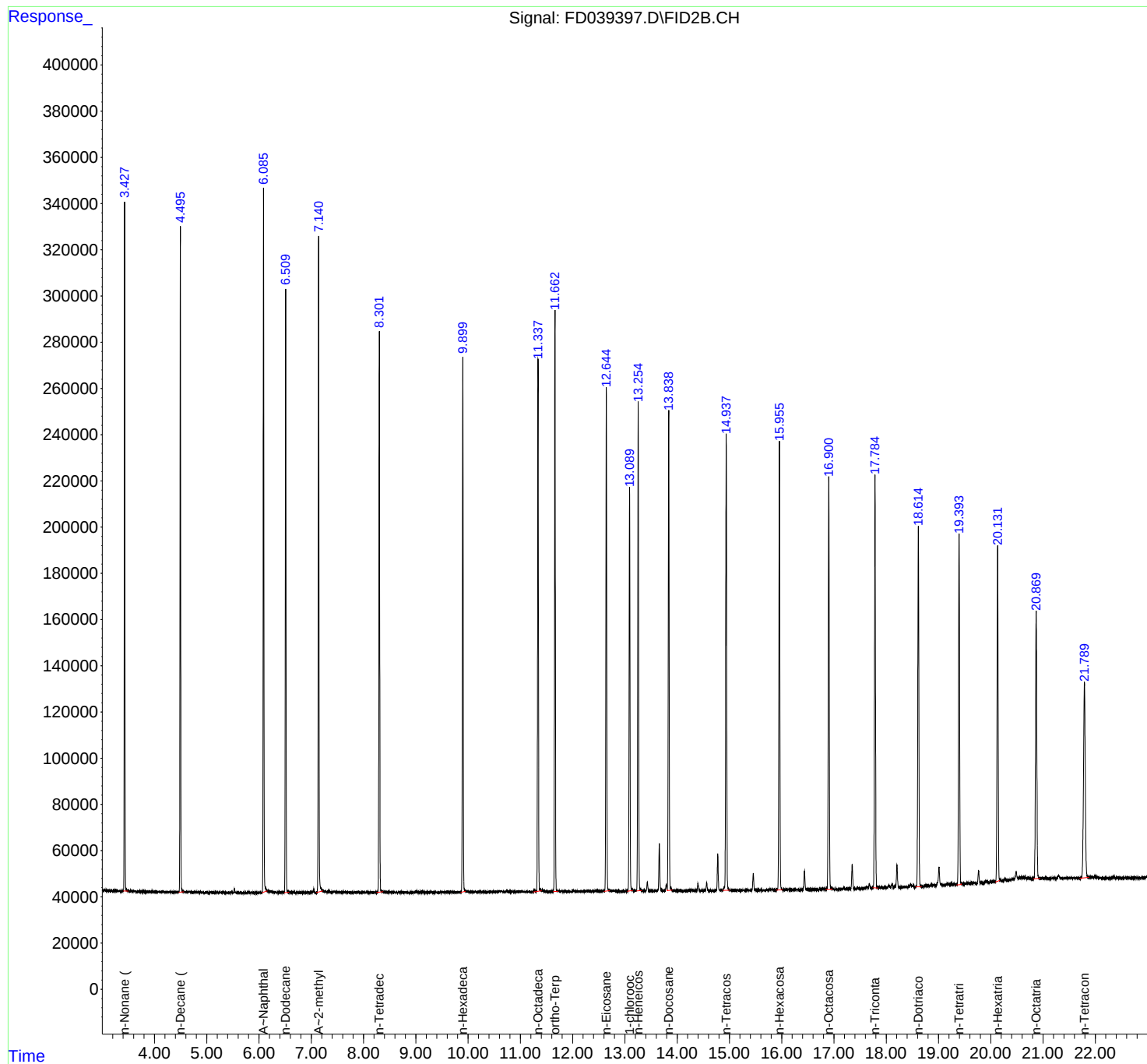
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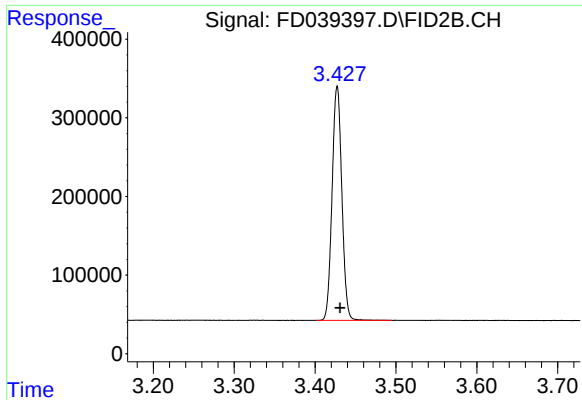
(m)=manual int.

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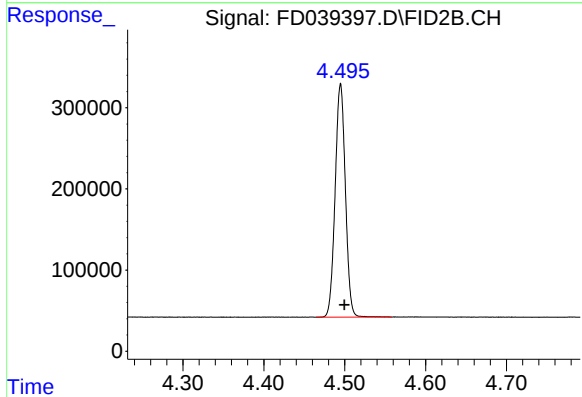
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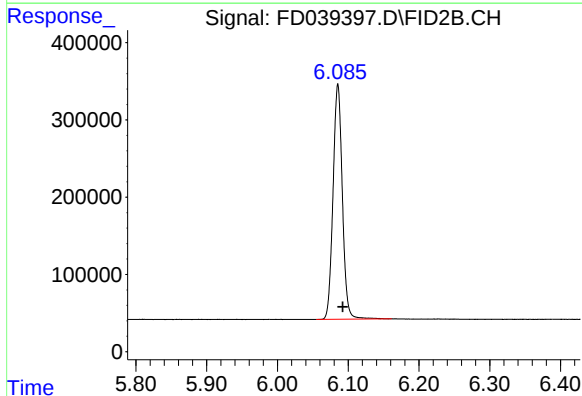
#1 n-Nonane (C9)

R.T.: 3.427 min
Delta R.T.: -0.004 min
Response: 2495302
Conc: 21.46 ug/ml



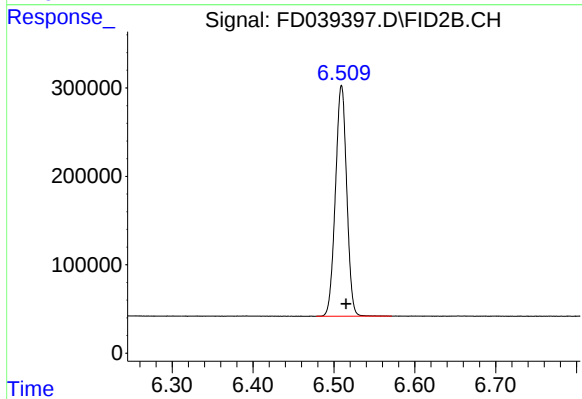
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.005 min
Response: 2526279
Conc: 21.61 ug/ml



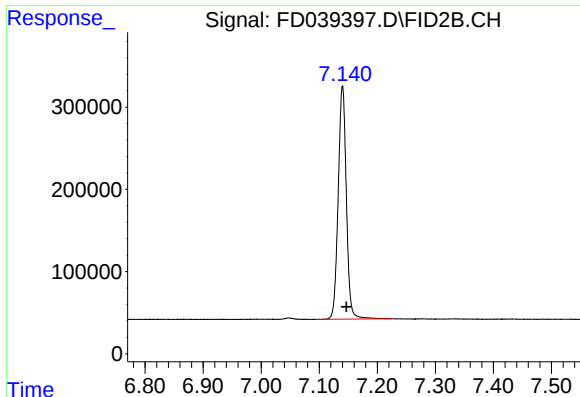
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 2785518
Conc: 21.61 ug/ml



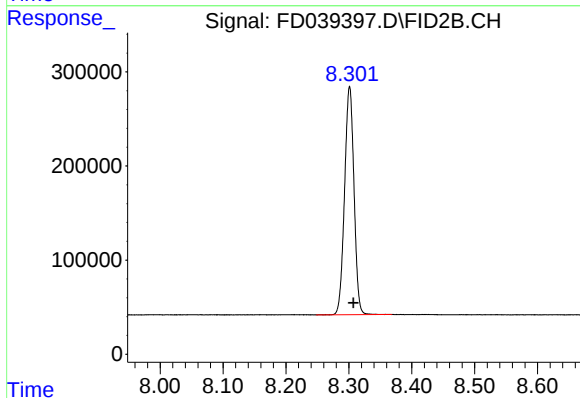
#4 n-Dodecane (C12)

R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 2527915
Conc: 21.36 ug/ml



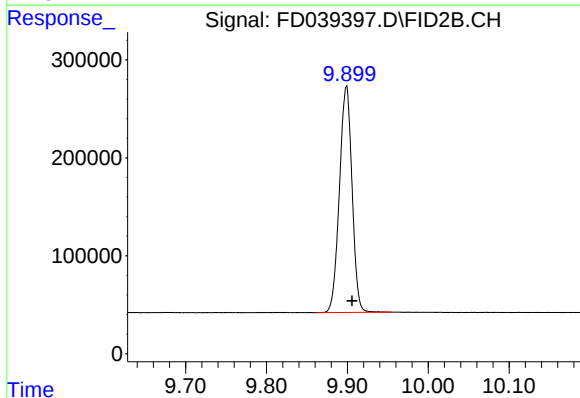
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 2772676
Conc: 21.11 ug/ml



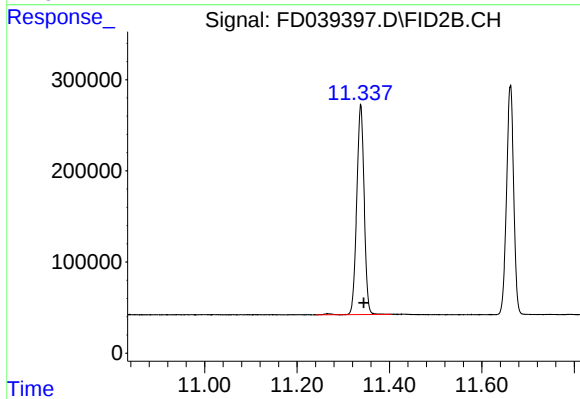
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.006 min
Response: 2523286
Conc: 21.41 ug/ml



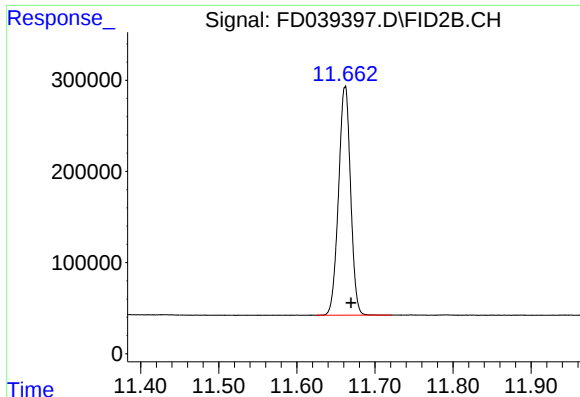
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.007 min
Response: 2506285
Conc: 20.91 ug/ml



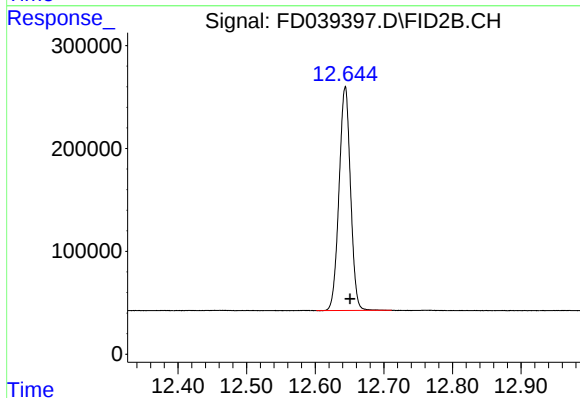
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: -0.007 min
Response: 2569524
Conc: 21.00 ug/ml



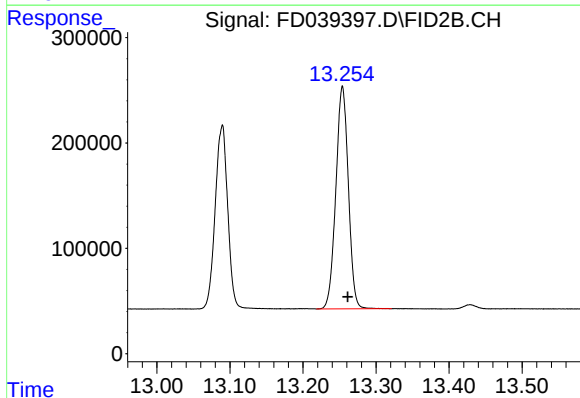
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.008 min
Response: 2691483
Conc: 21.09 ug/ml



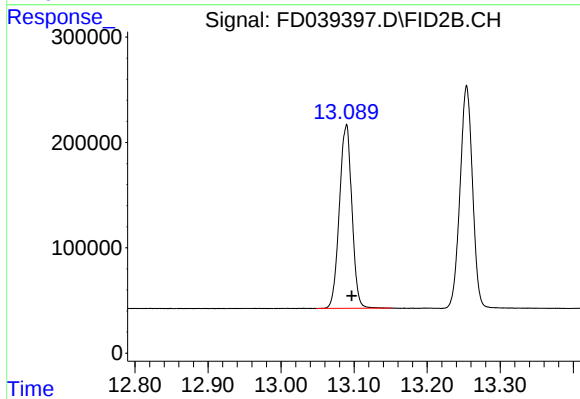
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2522115
Conc: 20.45 ug/ml



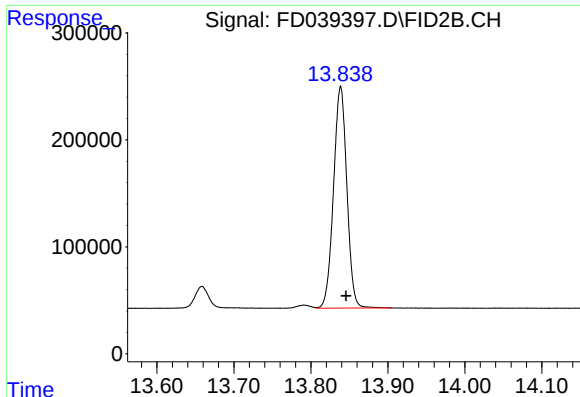
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.007 min
Response: 2511106
Conc: 20.05 ug/ml



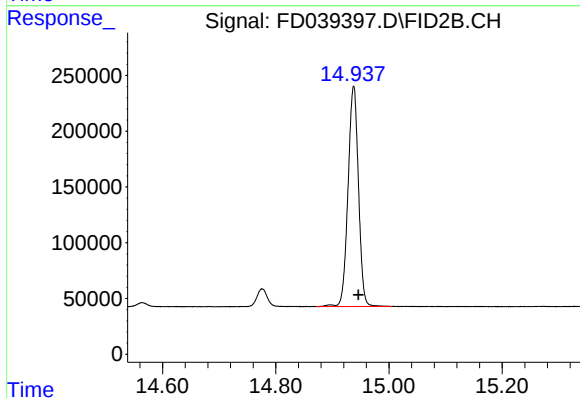
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: -0.008 min
Response: 2074836
Conc: 19.96 ug/ml



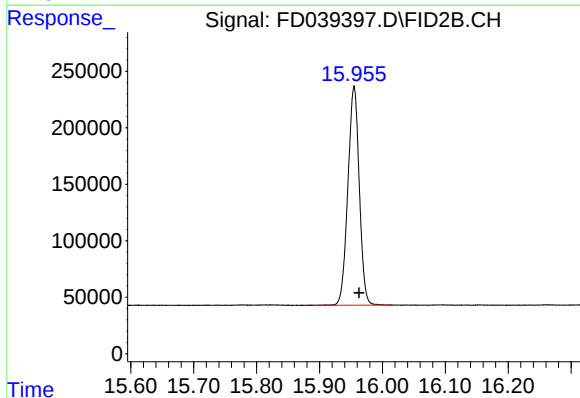
#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: -0.007 min
Response: 2495003
Conc: 20.09 ug/ml



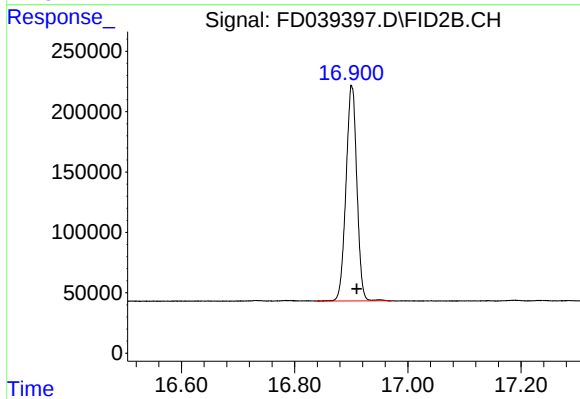
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.008 min
Response: 2529234
Conc: 20.37 ug/ml



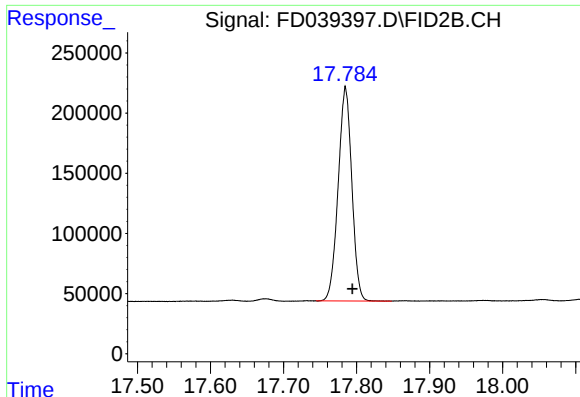
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.008 min
Response: 2437572
Conc: 19.84 ug/ml



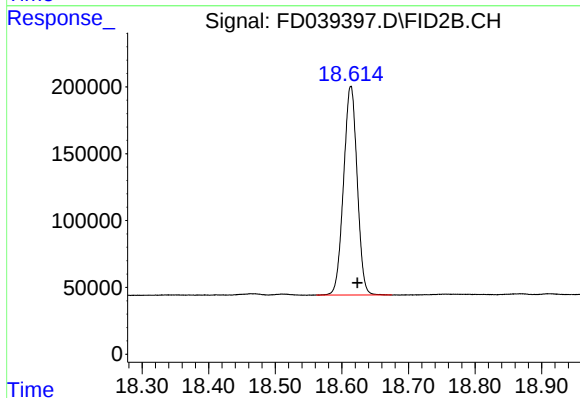
#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.009 min
Response: 2382668
Conc: 20.47 ug/ml



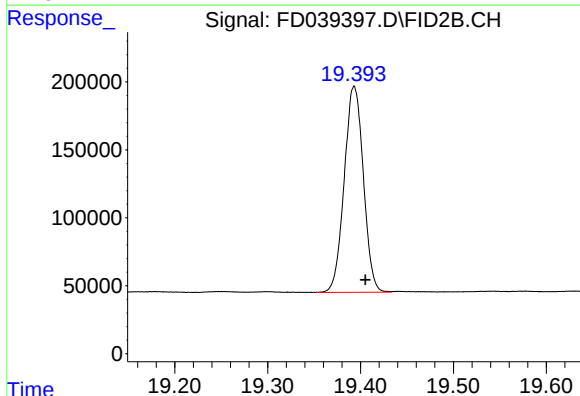
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: -0.009 min
Response: 2308109
Conc: 19.59 ug/ml



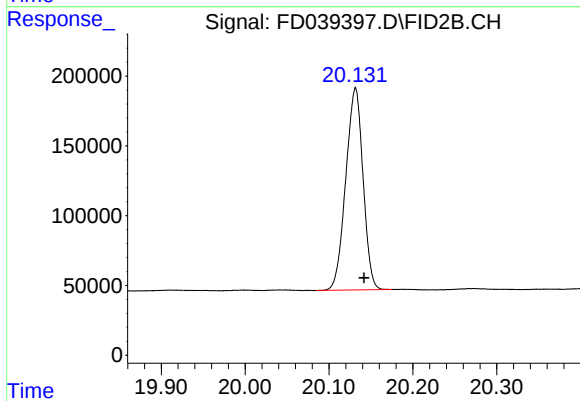
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.010 min
Response: 2217933
Conc: 19.40 ug/ml



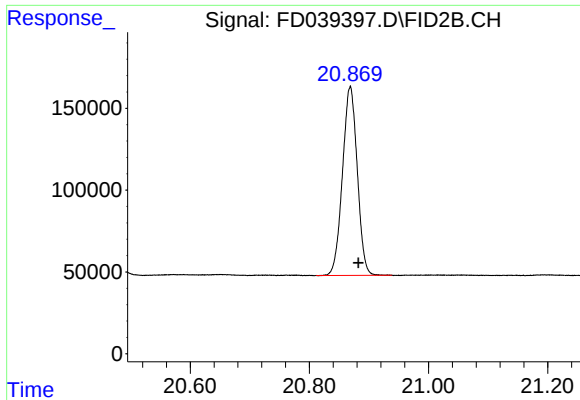
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.013 min
Response: 2168607
Conc: 20.46 ug/ml m



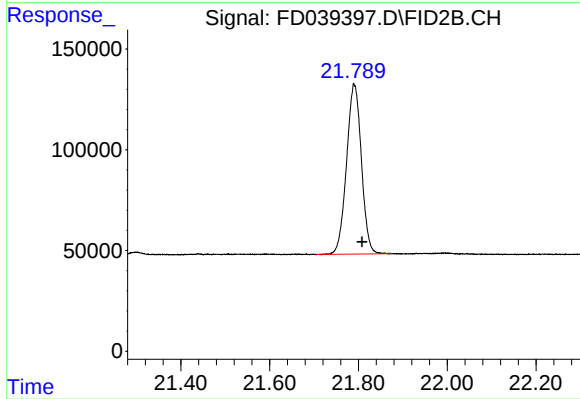
#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: -0.010 min
Response: 2069894
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.014 min
Response: 1984369
Conc: 20.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: -0.018 min
Response: 1959620
Conc: 21.24 ug/ml