

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102021AL\
 Data File : FD039179.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2021 10:02
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 21 10:52:20 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)	11.676	2612522	18.407 ug/ml
Spiked Amount 50.000		Recovery =	36.81%
12) S 1-chlorooctadecane (S...	13.101	2034852	18.096 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.436	2571972	20.390 ug/ml
2) T n-Decane (C10)	4.505	2602843	20.394 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2853953	20.042 ug/ml
4) T n-Dodecane (C12)	6.521	2591921	20.239 ug/ml
5) T A~2-methylnaphthalene...	7.153	2844872	19.872 ug/ml
6) T n-Tetradecane (C14)	8.313	2581920	19.897 ug/ml
7) T n-Hexadecane (C16)	9.911	2549809	19.550 ug/ml
8) T n-Octadecane (C18)	11.350	2549065	19.059 ug/ml
10) T n-Eicosane (C20)	12.656	2460809	18.555 ug/ml
11) T n-Heneicosane (C21)	13.266	2439281	18.216 ug/ml
13) T n-Docosane (C22)	13.851	2399493	18.089 ug/ml
14) T n-Tetracosane (C24)	14.950	2378771	17.953 ug/ml
15) T n-Hexacosane (C26)	15.966	2326442	18.074 ug/ml
16) T n-Octacosane (C28)	16.913	2285557	18.126 ug/ml
17) T n-Tricontane (C30)	17.798	2277493	18.673 ug/ml
18) T n-Dotriacontane (C32)	18.627	2219224	19.142 ug/ml
19) T n-Tetratriacontane (C34)	19.407	2179283	20.189 ug/ml
20) T n-Hexatriacontane (C36)	20.144	2108018	21.543 ug/ml
21) T n-Octatriacontane (C38)	20.885	2064480	22.996 ug/ml
22) T n-Tetracontane (C40)	21.814	2122197	24.091 ug/ml

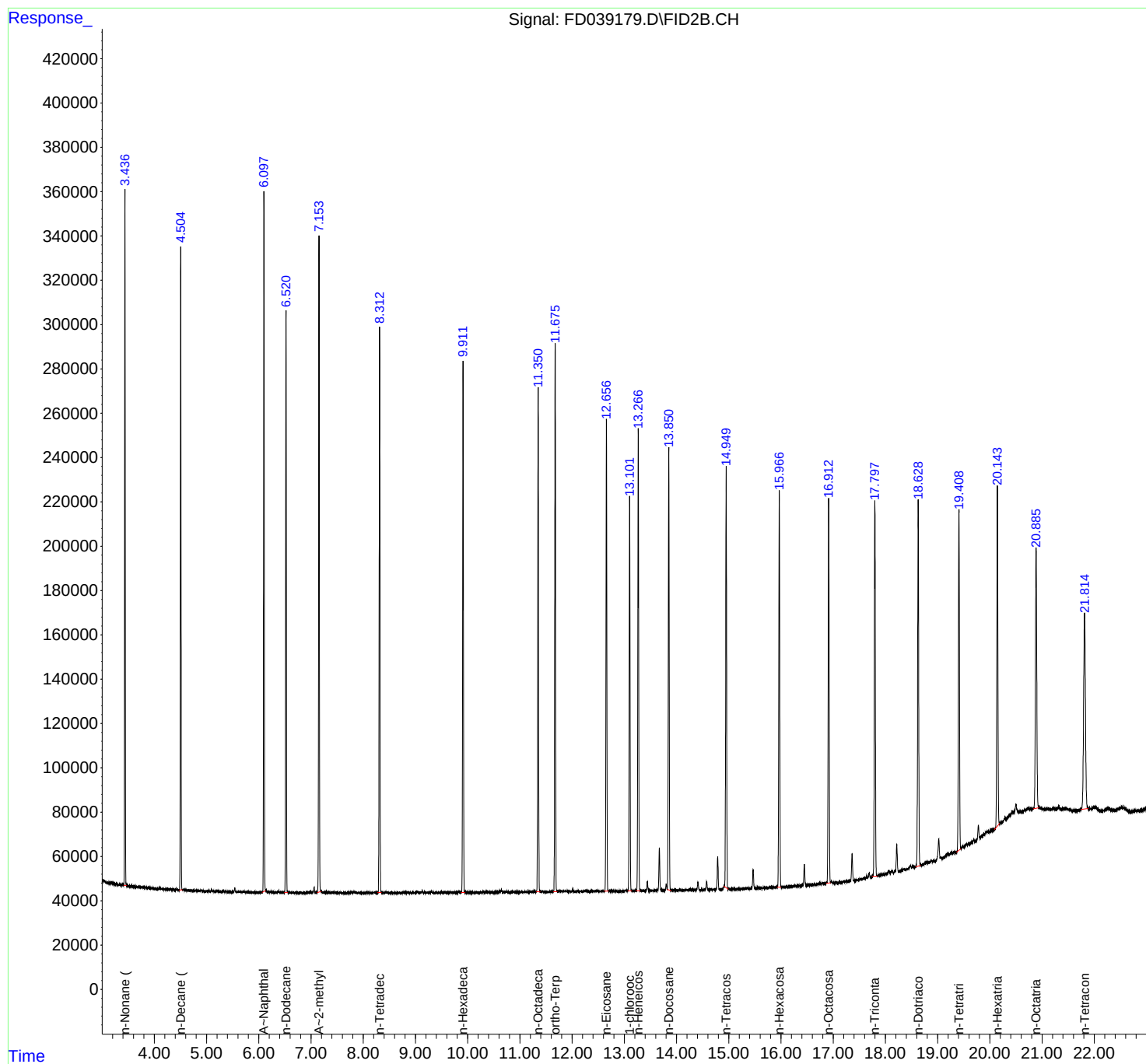
(f)=RT Delta > 1/2 Window

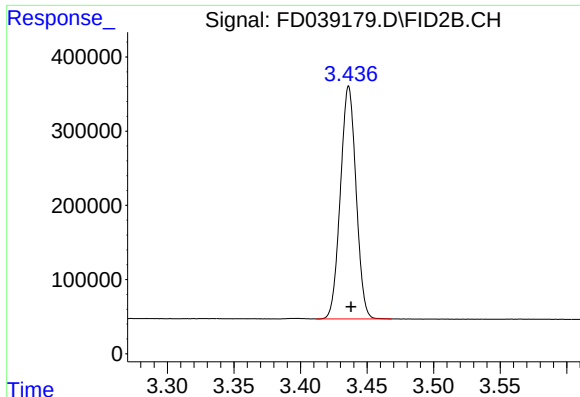
(m)=manual int.

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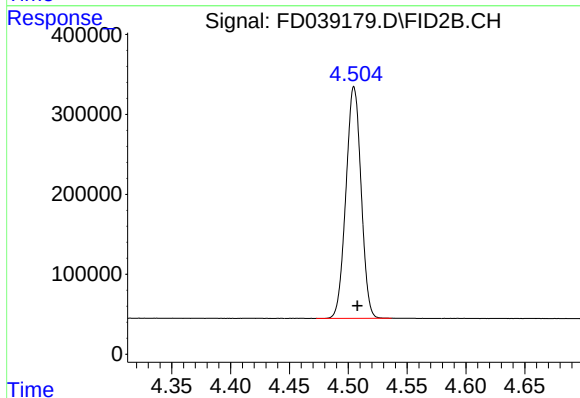
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Signal Info : 20M x 0.18mm x 0.18um





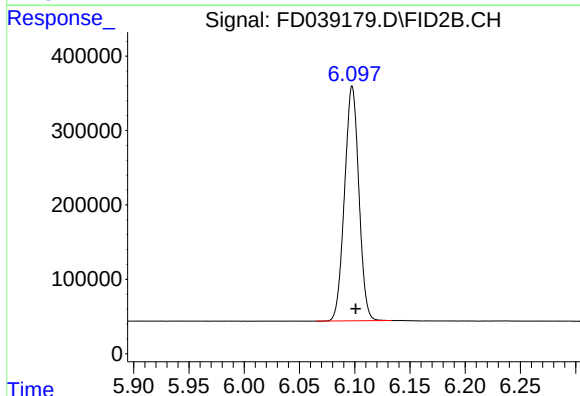
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.002 min
Response: 2571972
Conc: 20.39 ug/ml



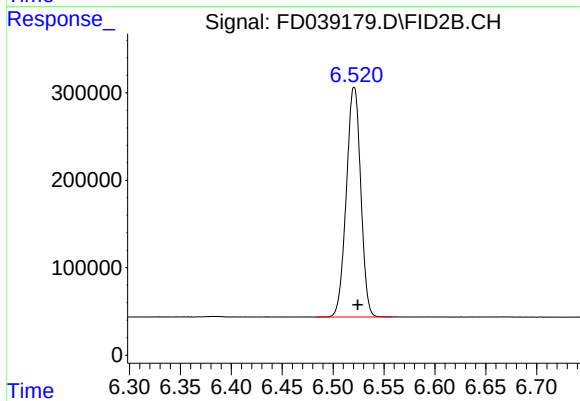
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 2602843
Conc: 20.39 ug/ml



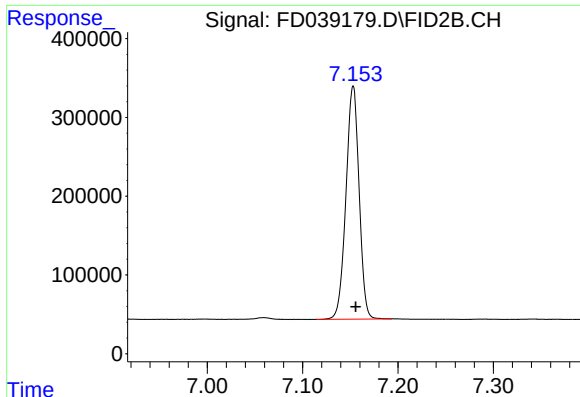
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 2853953
Conc: 20.04 ug/ml



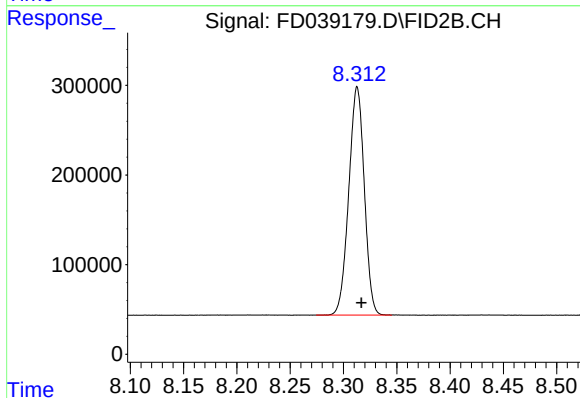
#4 n-Dodecane (C12)

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 2591921
Conc: 20.24 ug/ml



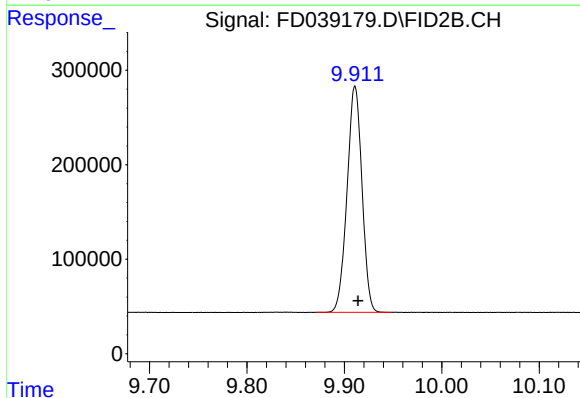
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 2844872
Conc: 19.87 ug/ml



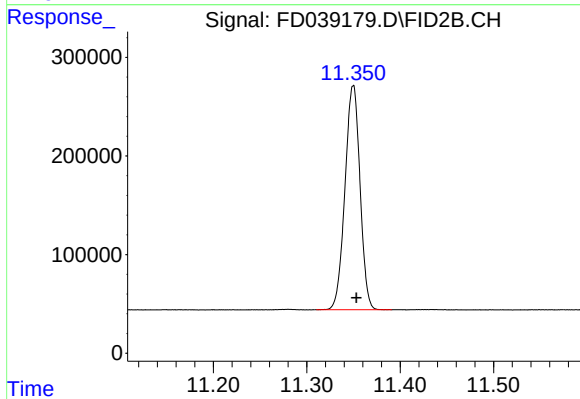
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 2581920
Conc: 19.90 ug/ml



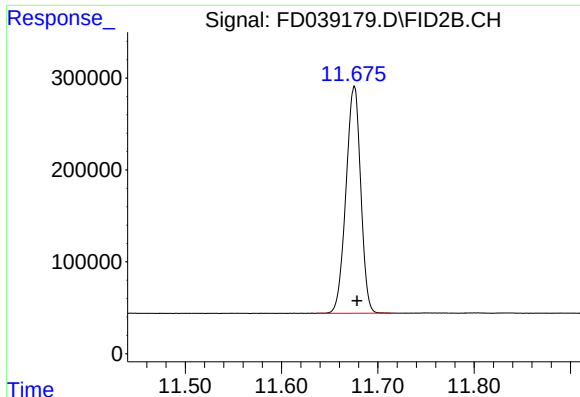
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.003 min
Response: 2549809
Conc: 19.55 ug/ml



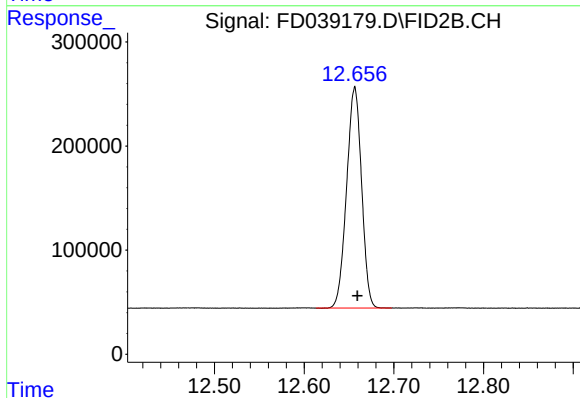
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.003 min
Response: 2549065
Conc: 19.06 ug/ml



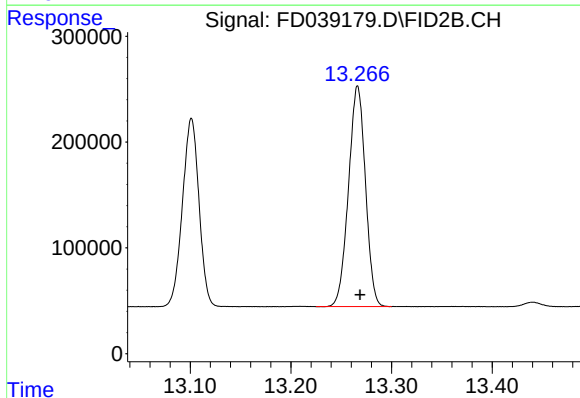
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.003 min
Response: 2612522
Conc: 18.41 ug/ml



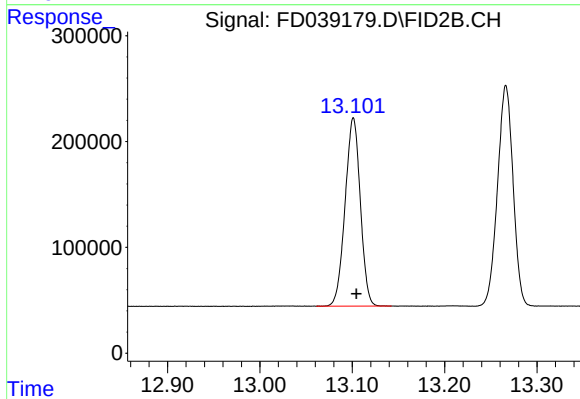
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.003 min
Response: 2460809
Conc: 18.55 ug/ml



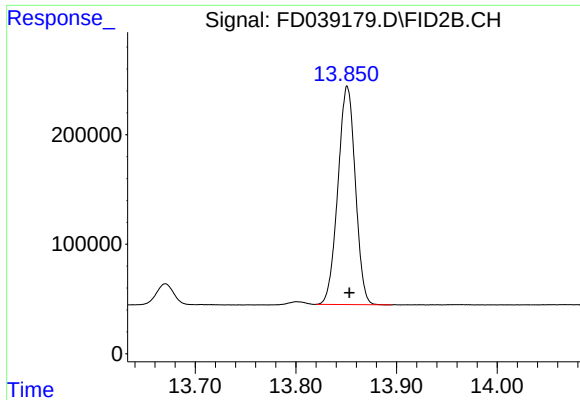
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.002 min
Response: 2439281
Conc: 18.22 ug/ml



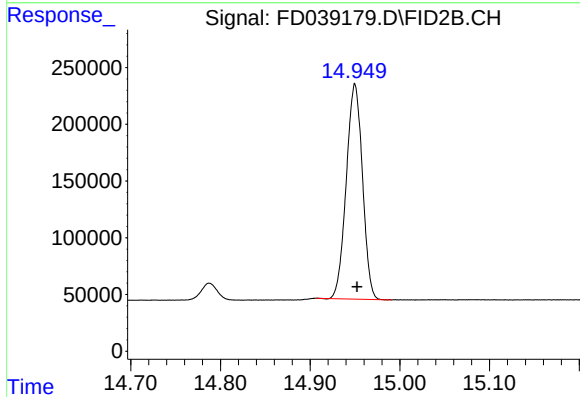
#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 2034852
Conc: 18.10 ug/ml



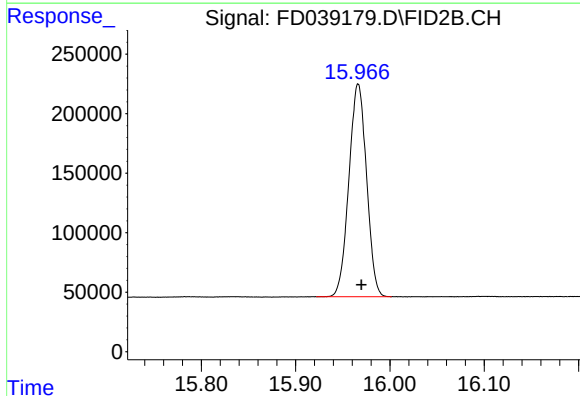
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.002 min
Response: 2399493
Conc: 18.09 ug/ml



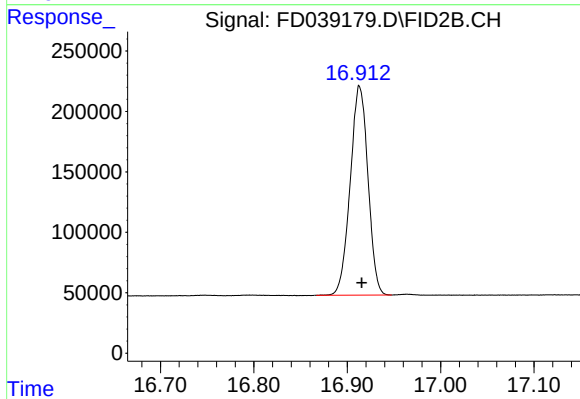
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 2378771
Conc: 17.95 ug/ml



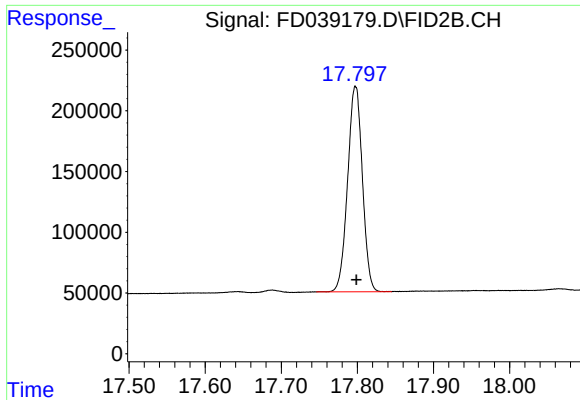
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.003 min
Response: 2326442
Conc: 18.07 ug/ml



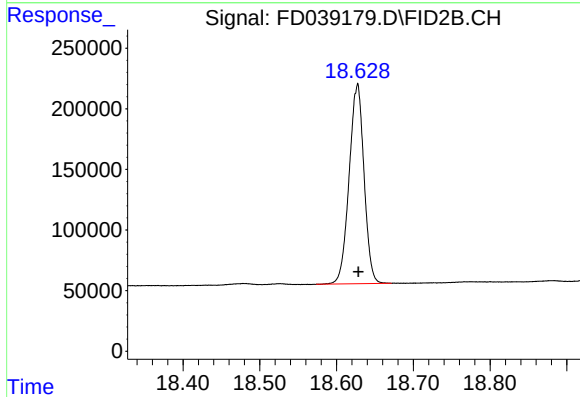
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2285557
Conc: 18.13 ug/ml



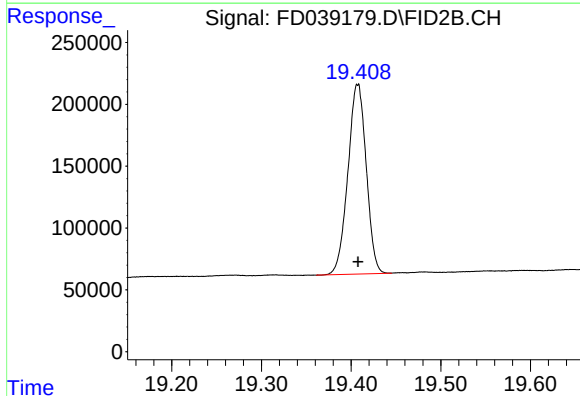
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: -0.001 min
Response: 2277493
Conc: 18.67 ug/ml



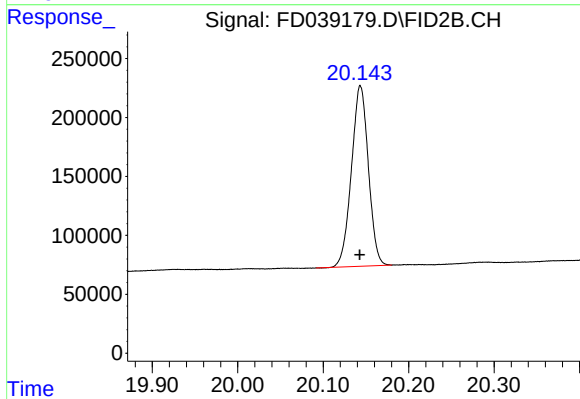
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.001 min
Response: 2219224
Conc: 19.14 ug/ml



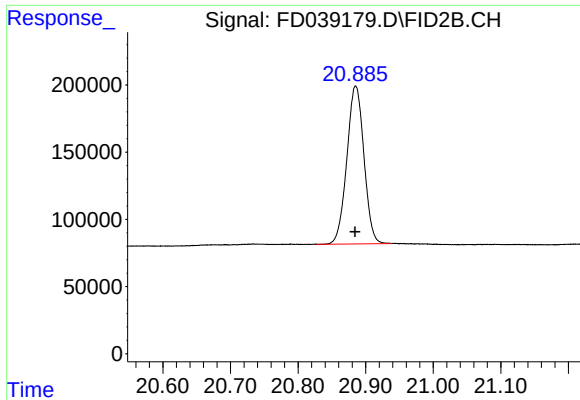
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.000 min
Response: 2179283
Conc: 20.19 ug/ml



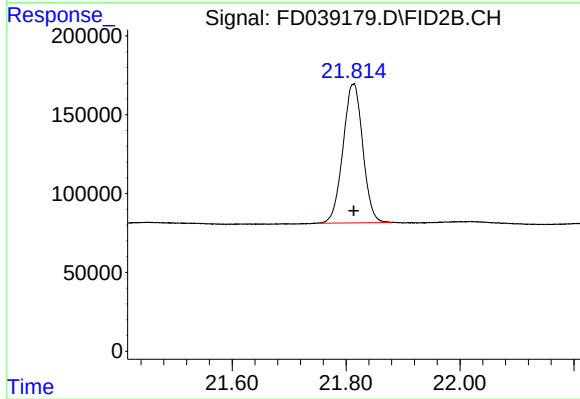
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.000 min
Response: 2108018
Conc: 21.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.000 min
Response: 2064480
Conc: 23.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: 0.000 min
Response: 2122197
Conc: 24.09 ug/ml