

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AL\
 Data File : FD039783.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 12:07
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 10 12:30:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:55:55 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)	11.473	2756542	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
12) S 1-chlorooctadecane (S...	12.904	2154160	20.040 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.274	2394989	19.963 ug/ml
2) T n-Decane (C10)	4.335	2406932	19.963 ug/ml
3) T A~Naphthalene (C11.7)	5.913	2598714	20.114 ug/ml
4) T n-Dodecane (C12)	6.343	2404626	19.967 ug/ml
5) T A~2-methylnaphthalene...	6.963	2619020	20.312 ug/ml
6) T n-Tetradecane (C14)	8.129	2411079	19.892 ug/ml
7) T n-Hexadecane (C16)	9.723	2444488	19.977 ug/ml
8) T n-Octadecane (C18)	11.158	2555519	20.014 ug/ml
10) T n-Eicosane (C20)	12.462	2563708	19.973 ug/ml
11) T n-Heneicosane (C21)	13.071	2616781	19.974 ug/ml
13) T n-Docosane (C22)	13.654	2615557	20.000 ug/ml
14) T n-Tetracosane (C24)	14.752	2676497	20.011 ug/ml
15) T n-Hexacosane (C26)	15.767	2653378	20.187 ug/ml
16) T n-Octacosane (C28)	16.713	2613534	20.160 ug/ml
17) T n-Tricontane (C30)	17.595	2494048	20.120 ug/ml
18) T n-Dotriacontane (C32)	18.423	2289749	19.951 ug/ml
19) T n-Tetratriacontane (C34)	19.203	2121933	19.906 ug/ml
20) T n-Hexatriacontane (C36)	19.939	1947039	19.886 ug/ml
21) T n-Octatriacontane (C38)	20.650	1830605	20.116 ug/ml
22) T n-Tetracontane (C40)	21.502	1624219	20.391 ug/ml

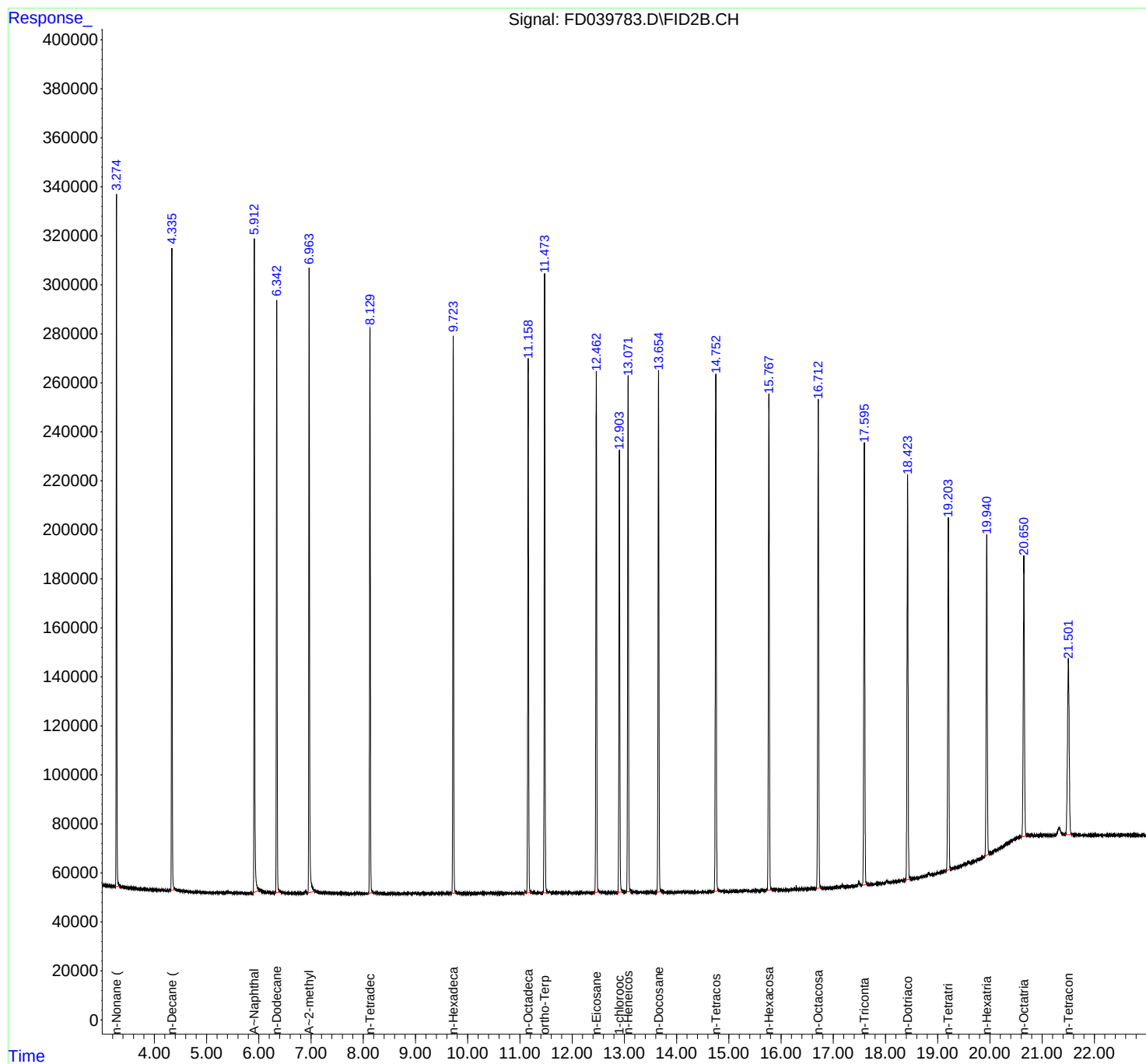
(f)=RT Delta > 1/2 Window

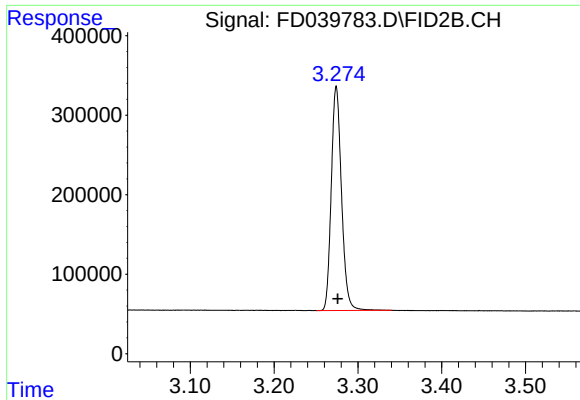
(m)=manual int.

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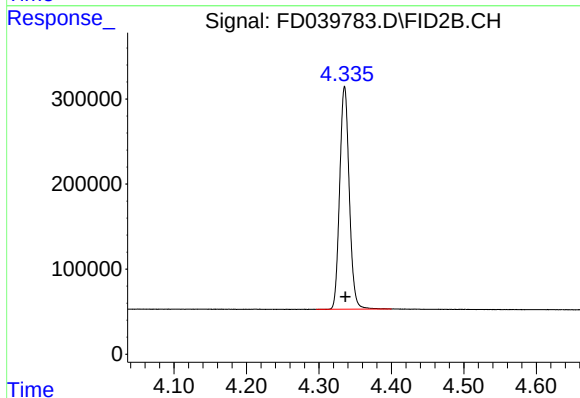
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





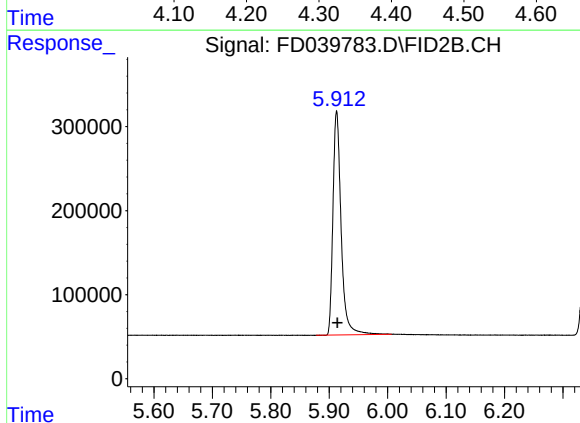
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 2394989
Conc: 19.96 ug/ml



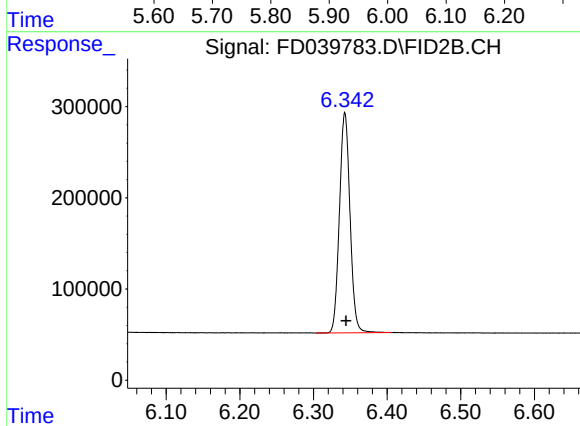
#2 n-Decane (C10)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 2406932
Conc: 19.96 ug/ml



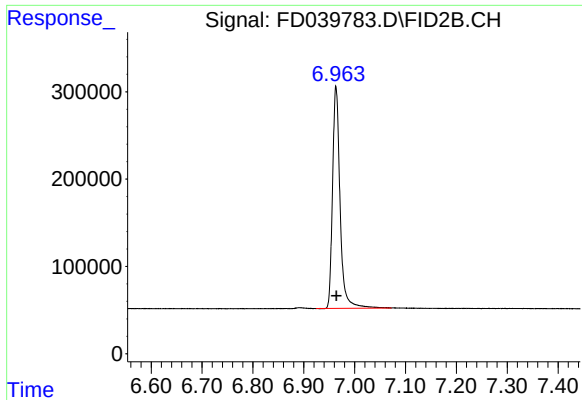
#3 A~Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 2598714
Conc: 20.11 ug/ml



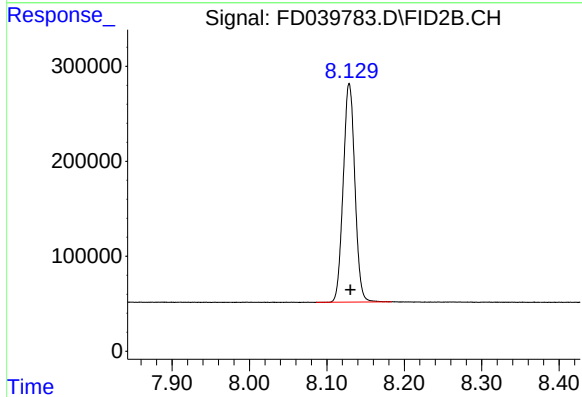
#4 n-Dodecane (C12)

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 2404626
Conc: 19.97 ug/ml



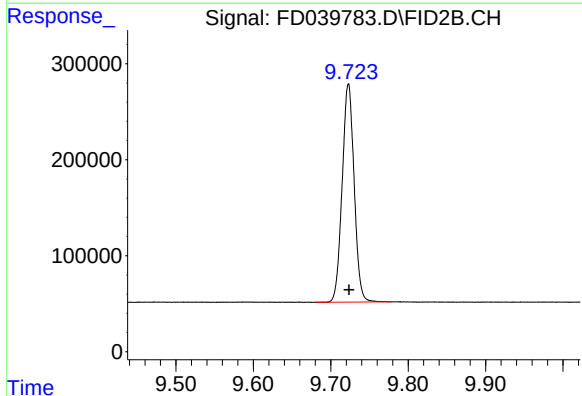
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 2619020
Conc: 20.31 ug/ml



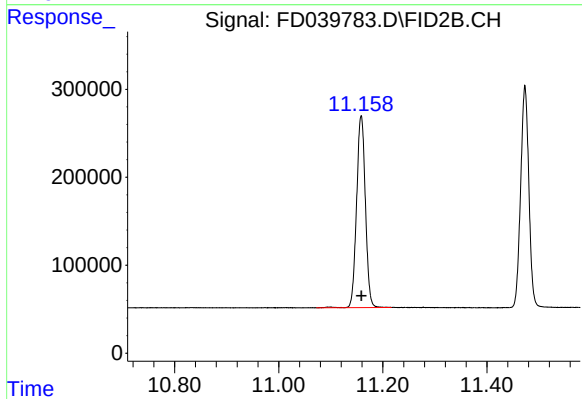
#6 n-Tetradecane (C14)

R.T.: 8.129 min
Delta R.T.: -0.002 min
Response: 2411079
Conc: 19.89 ug/ml



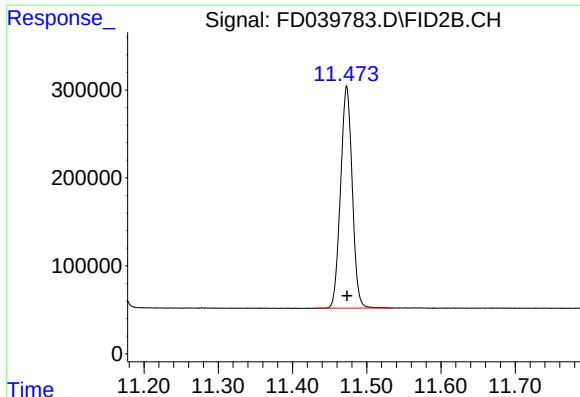
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 2444488
Conc: 19.98 ug/ml



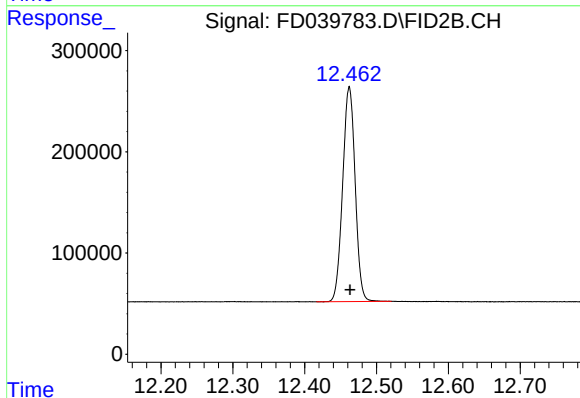
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 2555519
Conc: 20.01 ug/ml



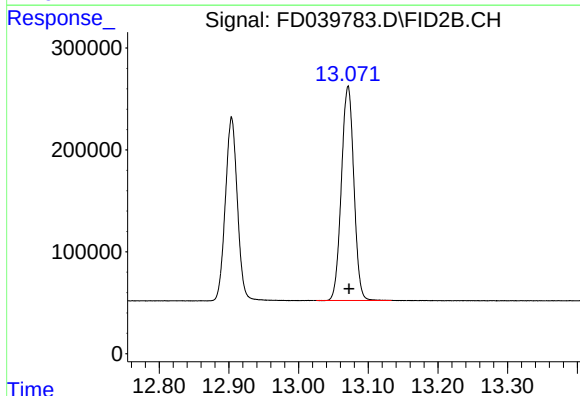
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.000 min
Response: 2756542
Conc: 19.97 ug/ml



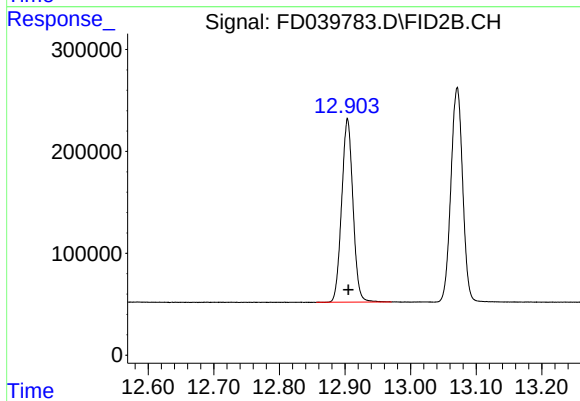
#10 n-Eicosane (C20)

R.T.: 12.462 min
Delta R.T.: -0.001 min
Response: 2563708
Conc: 19.97 ug/ml



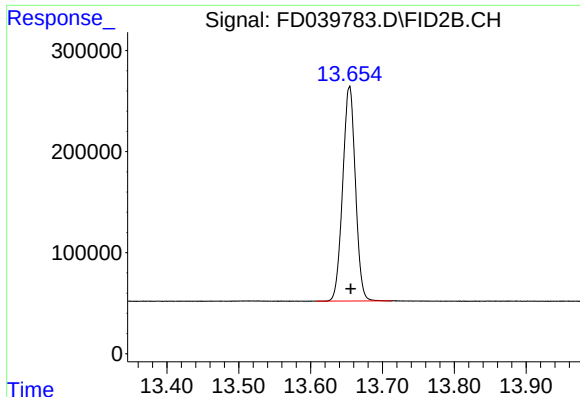
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 2616781
Conc: 19.97 ug/ml



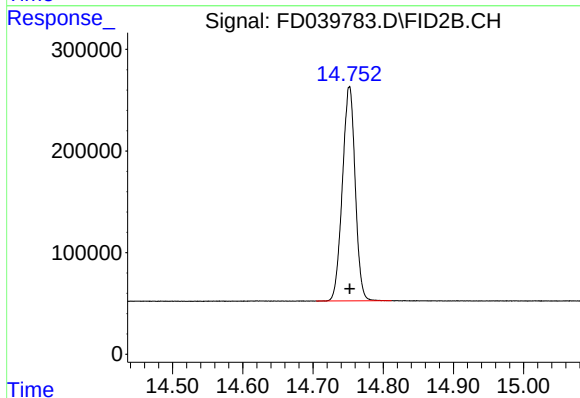
#12 1-chlorooctadecane (SURR)

R.T.: 12.904 min
Delta R.T.: -0.001 min
Response: 2154160
Conc: 20.04 ug/ml



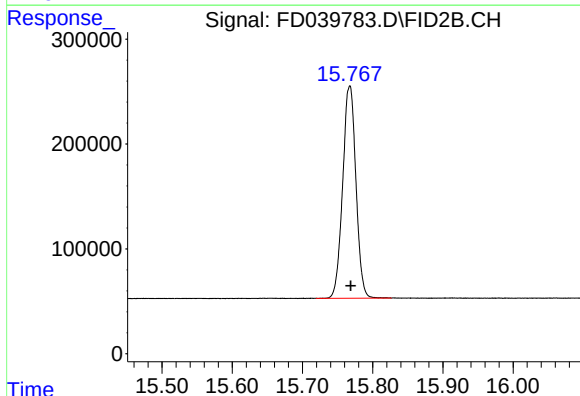
#13 n-Docosane (C22)

R.T.: 13.654 min
Delta R.T.: -0.002 min
Response: 2615557
Conc: 20.00 ug/ml



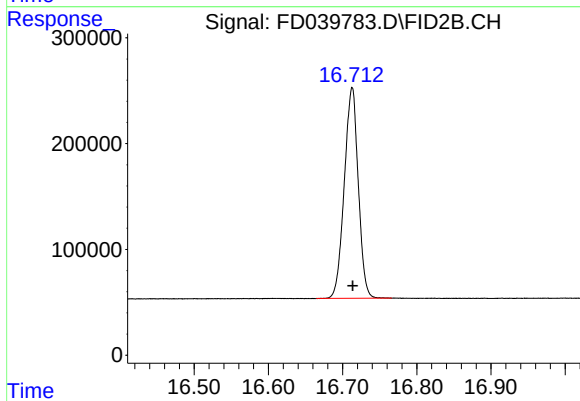
#14 n-Tetracosane (C24)

R.T.: 14.752 min
Delta R.T.: 0.000 min
Response: 2676497
Conc: 20.01 ug/ml



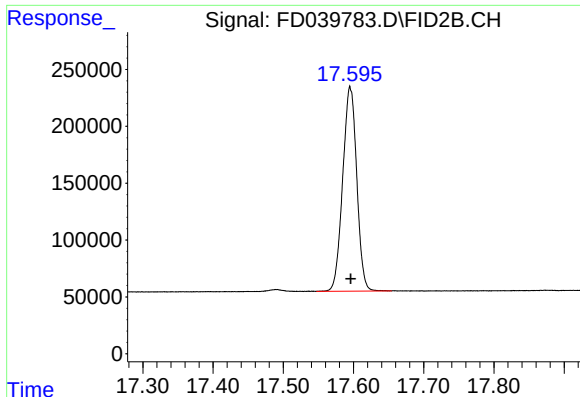
#15 n-Hexacosane (C26)

R.T.: 15.767 min
Delta R.T.: -0.002 min
Response: 2653378
Conc: 20.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.713 min
Delta R.T.: 0.000 min
Response: 2613534
Conc: 20.16 ug/ml



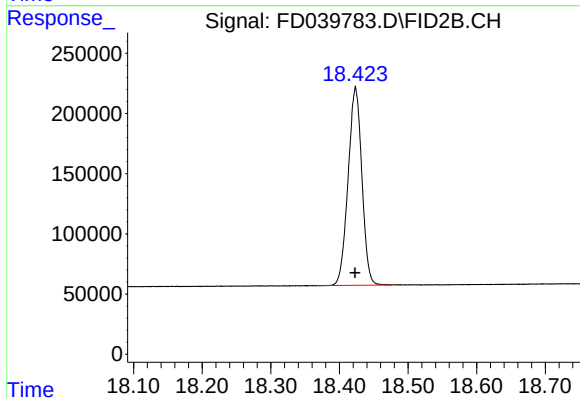
#17 n-Tricontane (C30)

R.T.: 17.595 min

Delta R.T.: 0.000 min

Response: 2494048

Conc: 20.12 ug/ml



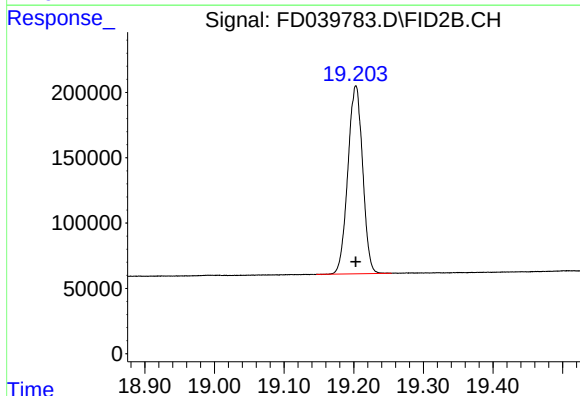
#18 n-Dotriacontane (C32)

R.T.: 18.423 min

Delta R.T.: 0.000 min

Response: 2289749

Conc: 19.95 ug/ml



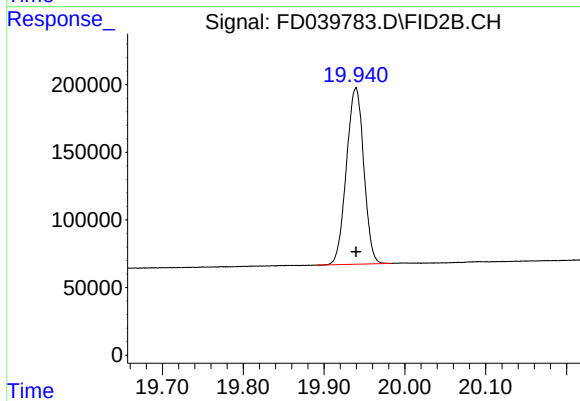
#19 n-Tetratriacontane (C34)

R.T.: 19.203 min

Delta R.T.: 0.000 min

Response: 2121933

Conc: 19.91 ug/ml



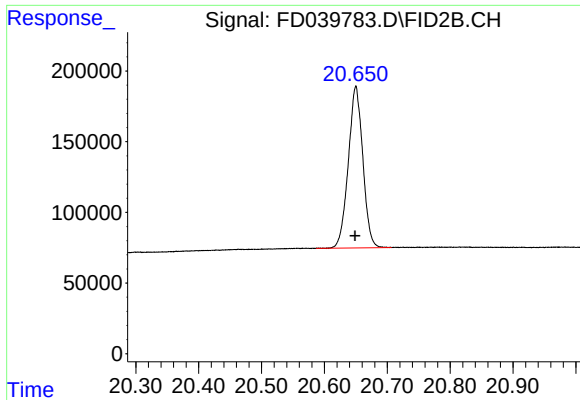
#20 n-Hexatriacontane (C36)

R.T.: 19.939 min

Delta R.T.: 0.000 min

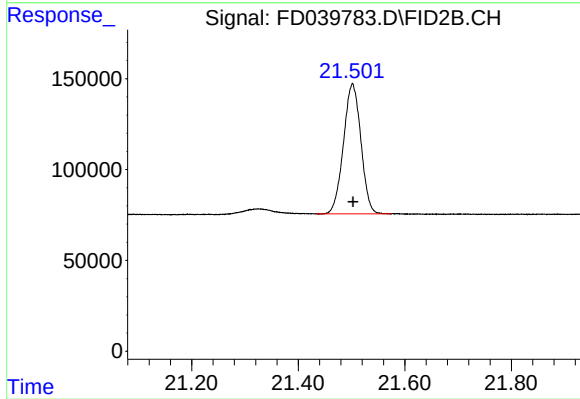
Response: 1947039

Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min
Delta R.T.: 0.001 min
Response: 1830605
Conc: 20.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: -0.001 min
Response: 1624219
Conc: 20.39 ug/ml