

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AL\
 Data File : FD039288.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2021 5:55
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 27 07:17:27 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)	11.671	2515191	19.713 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	13.098	2058749	19.810 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.434	2303883	19.815 ug/ml
2) T n-Decane (C10)	4.501	2309716	19.756 ug/ml
3) T A~Naphthalene (C11.7)	6.093	2548576	19.775 ug/ml
4) T n-Dodecane (C12)	6.516	2333660	19.723 ug/ml
5) T A~2-methylnaphthalene...	7.147	2598327	19.784 ug/ml
6) T n-Tetradecane (C14)	8.308	2318718	19.672 ug/ml
7) T n-Hexadecane (C16)	9.907	2361946	19.710 ug/ml
8) T n-Octadecane (C18)	11.346	2411542	19.704 ug/ml
10) T n-Eicosane (C20)	12.653	2438567	19.773 ug/ml
11) T n-Heneicosane (C21)	13.263	2479990	19.804 ug/ml
13) T n-Docosane (C22)	13.848	2466760	19.861 ug/ml
14) T n-Tetracosane (C24)	14.948	2488885	20.050 ug/ml
15) T n-Hexacosane (C26)	15.965	2475856	20.154 ug/ml
16) T n-Octacosane (C28)	16.911	2349698	20.183 ug/ml
17) T n-Tricontane (C30)	17.796	2386418	20.259 ug/ml
18) T n-Dotriacontane (C32)	18.625	2345579	20.515 ug/ml
19) T n-Tetratriacontane (C34)	19.406	2138280	20.173 ug/ml
20) T n-Hexatriacontane (C36)	20.142	2048426	20.109 ug/mlm
21) T n-Octatriacontane (C38)	20.883	1903920	19.840 ug/ml
22) T n-Tetracontane (C40)	21.809	1993742	21.611 ug/ml

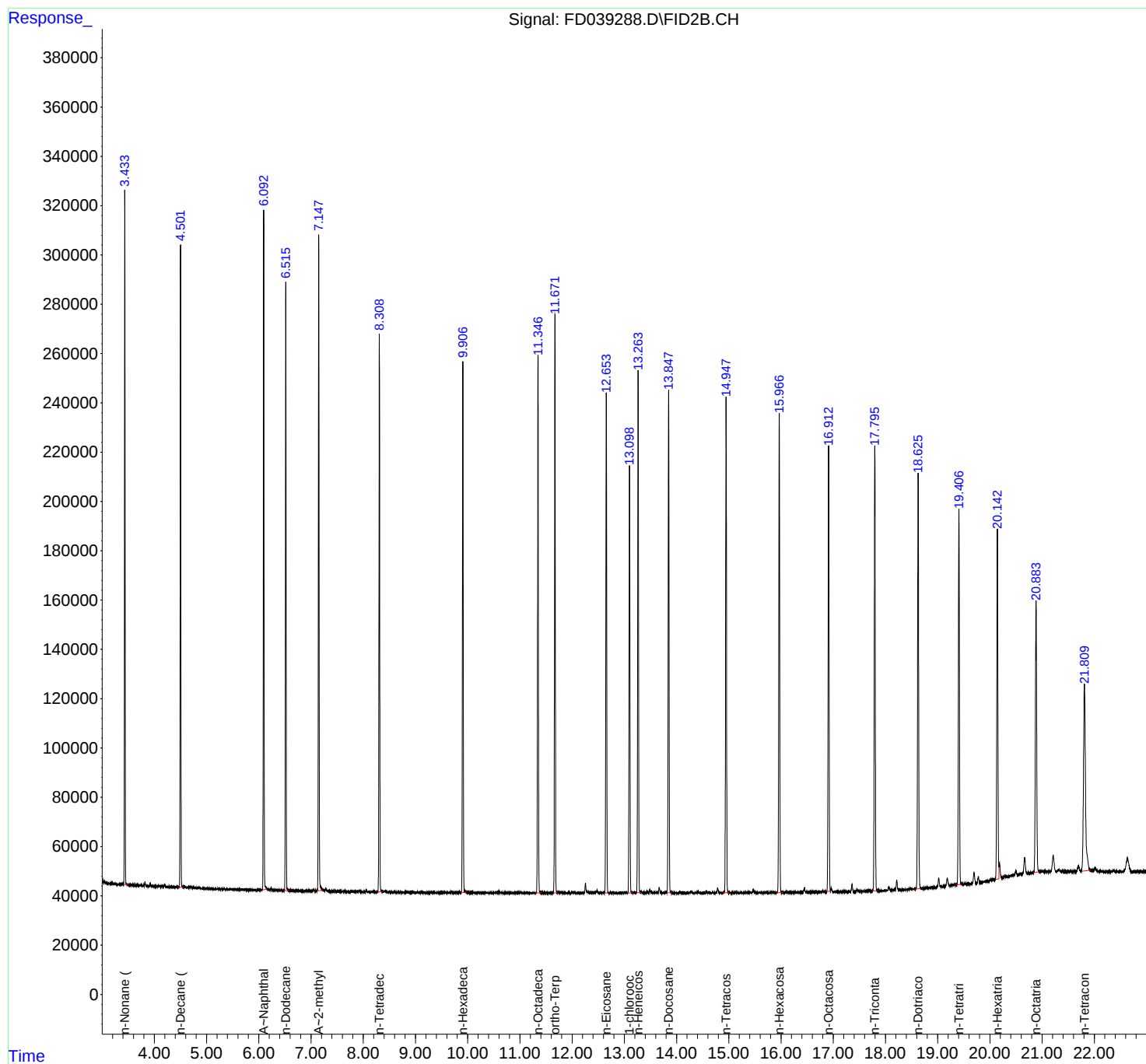
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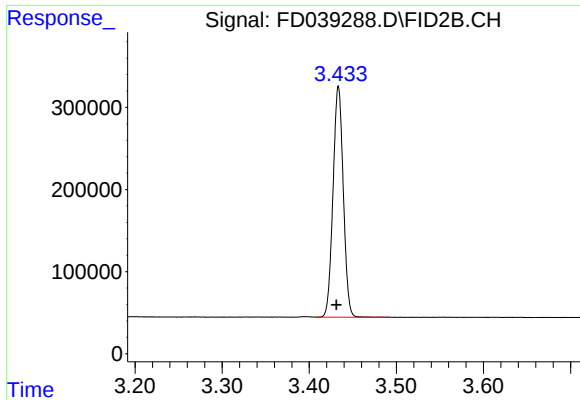
(m)=manual int.

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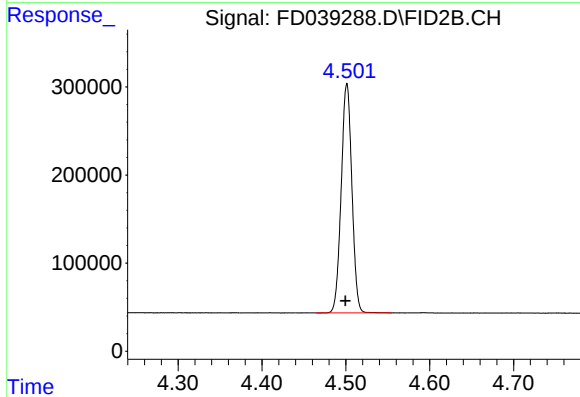
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Signal Info : 20M x 0.18mm x 0.18um





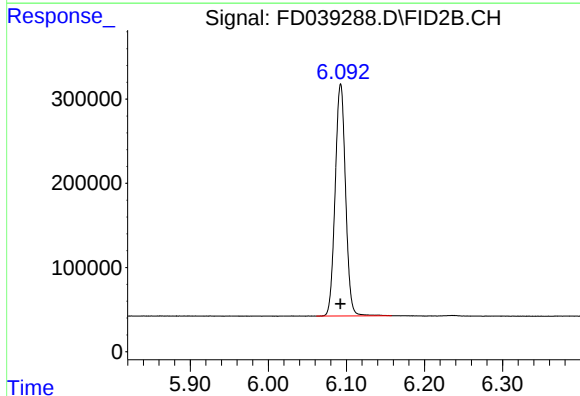
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: 0.003 min
Response: 2303883
Conc: 19.81 ug/ml



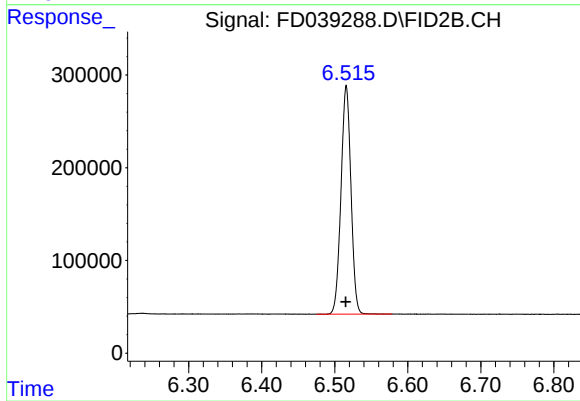
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.002 min
Response: 2309716
Conc: 19.76 ug/ml



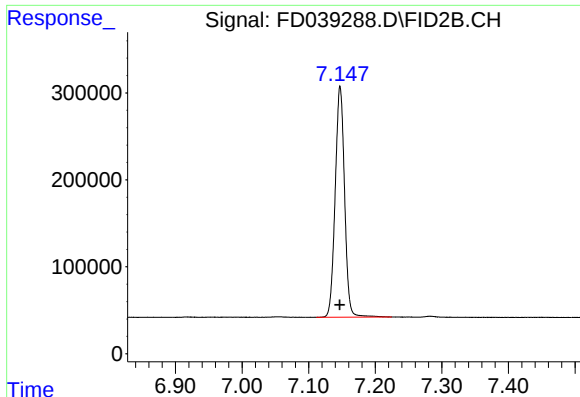
#3 A~Naphthalene (C11.7)

R.T.: 6.093 min
Delta R.T.: 0.000 min
Response: 2548576
Conc: 19.78 ug/ml



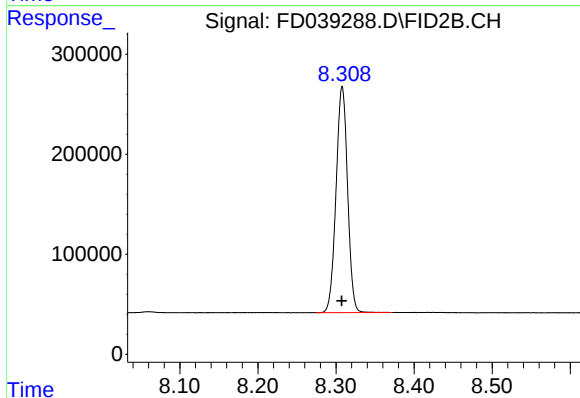
#4 n-Dodecane (C12)

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 2333660
Conc: 19.72 ug/ml



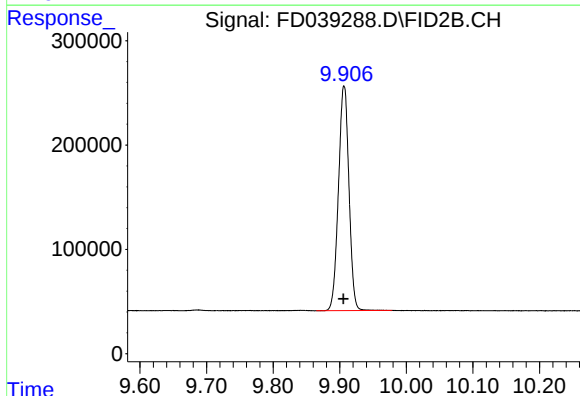
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 2598327
Conc: 19.78 ug/ml



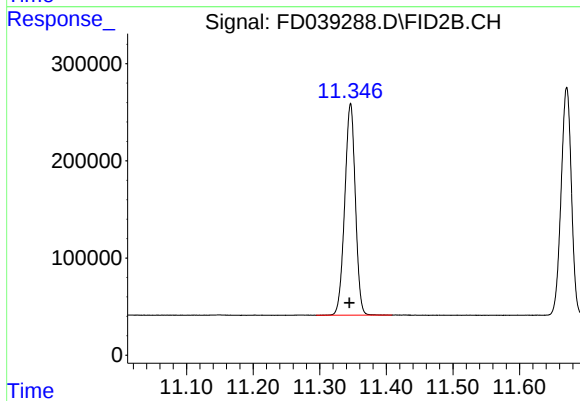
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.000 min
Response: 2318718
Conc: 19.67 ug/ml



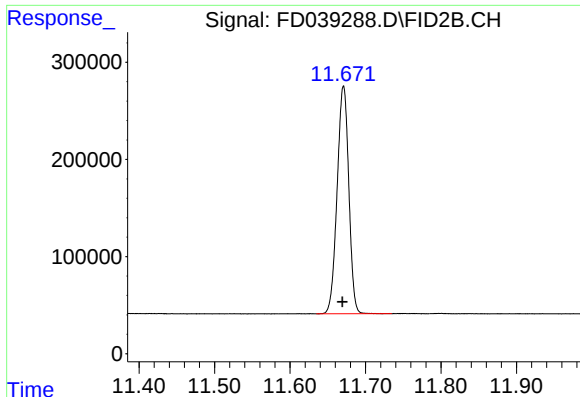
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.000 min
Response: 2361946
Conc: 19.71 ug/ml



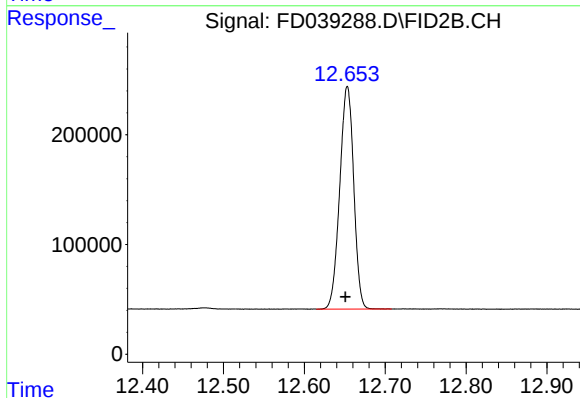
#8 n-Octadecane (C18)

R.T.: 11.346 min
Delta R.T.: 0.002 min
Response: 2411542
Conc: 19.70 ug/ml



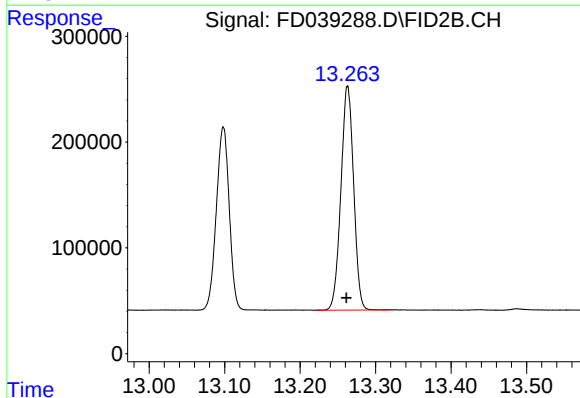
#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: 0.001 min
Response: 2515191
Conc: 19.71 ug/ml



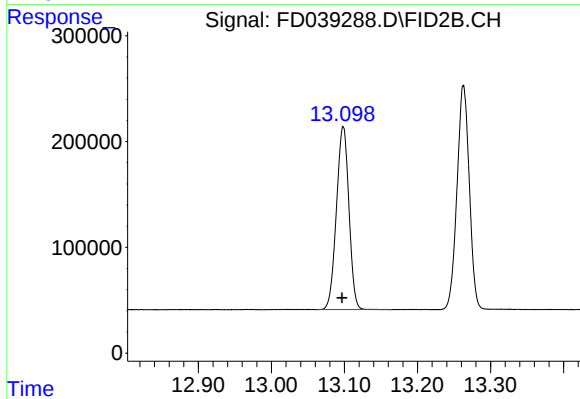
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: 0.002 min
Response: 2438567
Conc: 19.77 ug/ml



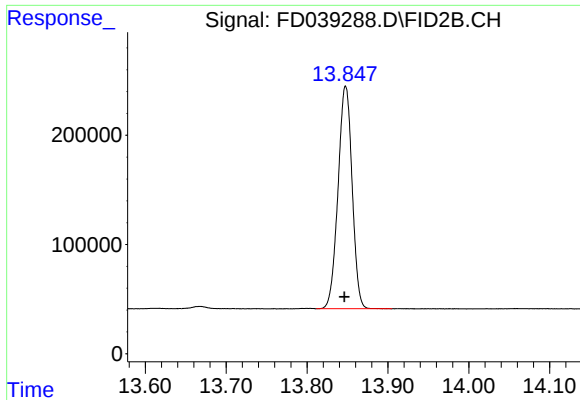
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: 0.002 min
Response: 2479990
Conc: 19.80 ug/ml



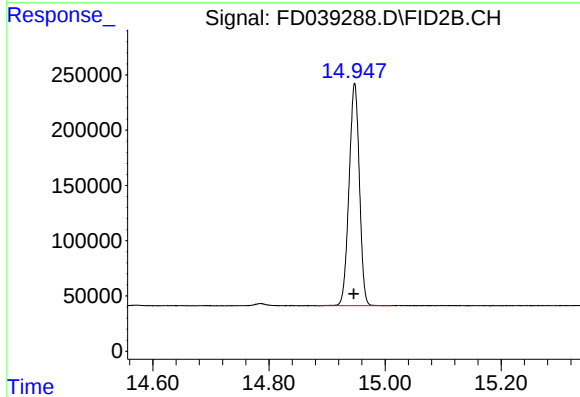
#12 1-chlorooctadecane (SURR)

R.T.: 13.098 min
Delta R.T.: 0.002 min
Response: 2058749
Conc: 19.81 ug/ml



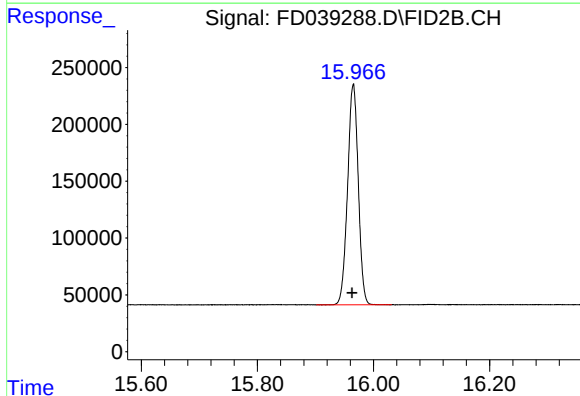
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: 0.002 min
Response: 2466760
Conc: 19.86 ug/ml



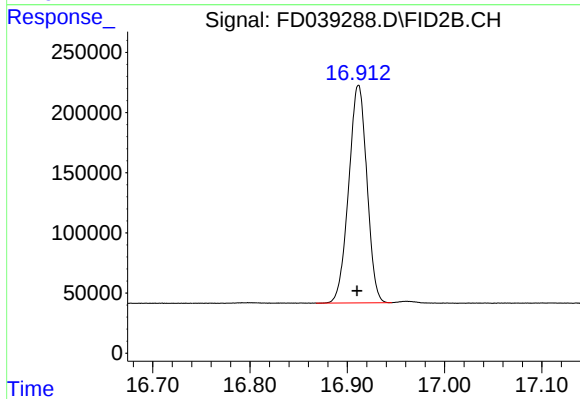
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: 0.002 min
Response: 2488885
Conc: 20.05 ug/ml



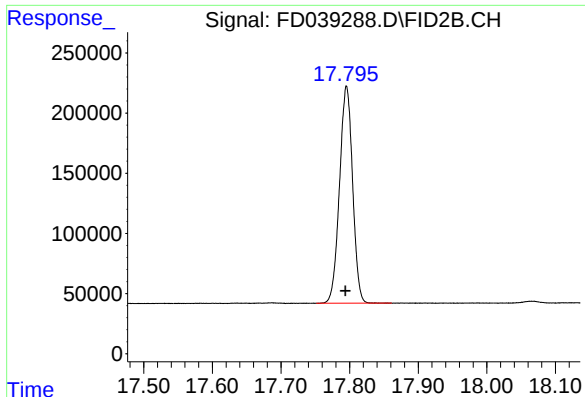
#15 n-Hexacosane (C26)

R.T.: 15.965 min
Delta R.T.: 0.002 min
Response: 2475856
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: 0.002 min
Response: 2349698
Conc: 20.18 ug/ml



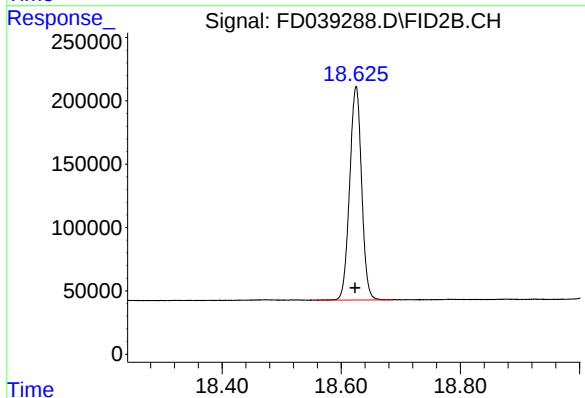
#17 n-Tricontane (C30)

R.T.: 17.796 min

Delta R.T.: 0.001 min

Response: 2386418

Conc: 20.26 ug/ml



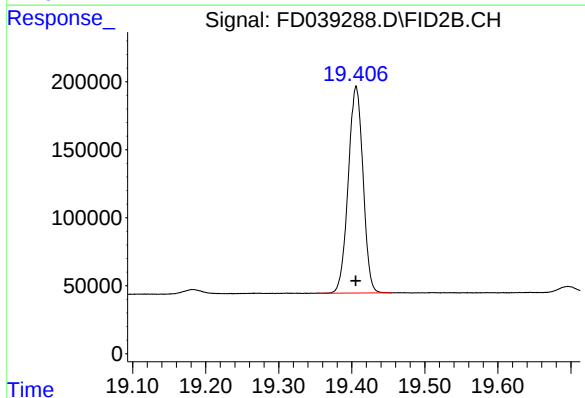
#18 n-Dotriacontane (C32)

R.T.: 18.625 min

Delta R.T.: 0.002 min

Response: 2345579

Conc: 20.52 ug/ml



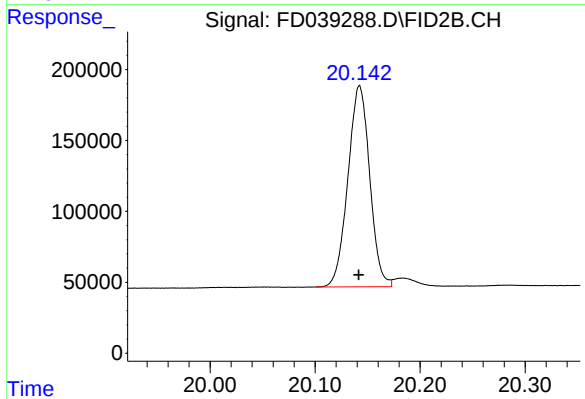
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min

Delta R.T.: 0.000 min

Response: 2138280

Conc: 20.17 ug/ml



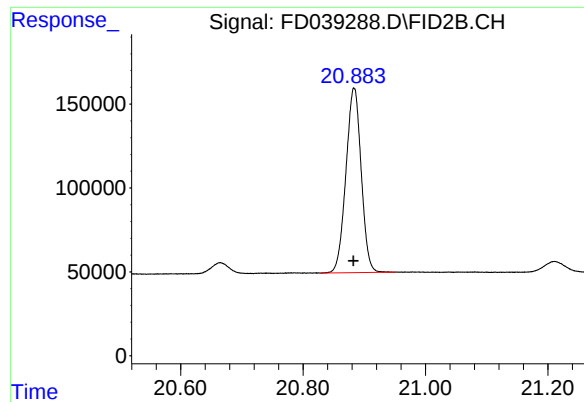
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min

Delta R.T.: 0.000 min

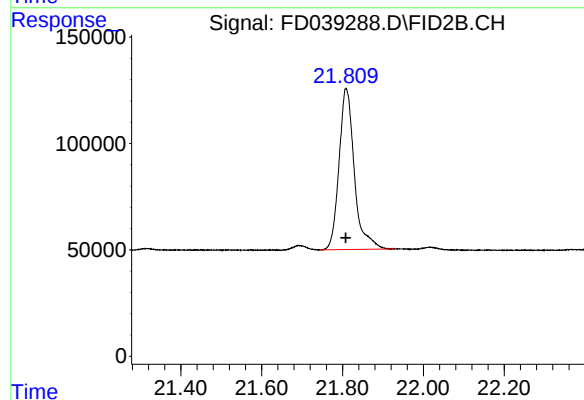
Response: 2048426

Conc: 20.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.883 min
Delta R.T.: 0.000 min
Response: 1903920
Conc: 19.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: 0.000 min
Response: 1993742
Conc: 21.61 ug/ml