

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061322AL\
 Data File : FD042882.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jun 2022 10:46
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 14 01:57:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 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)	11.576	2560478	15.417 ug/ml
Spiked Amount 50.000		Recovery =	30.83%
12) S 1-chlorooctadecane (S...	13.011	2004014	15.345 ug/ml
Spiked Amount 50.000		Recovery =	30.69%
Target Compounds			
1) T n-Nonane (C9)	3.343	2219967	16.025 ug/ml
2) T n-Decane (C10)	4.412	2223925	16.106 ug/ml
3) T A~Naphthalene (C11.7)	5.995	2544276	16.174 ug/ml
4) T n-Dodecane (C12)	6.428	2288316	16.148 ug/ml
5) T A~2-methylnaphthalene...	7.051	2580688	16.119 ug/ml
6) T n-Tetradecane (C14)	8.221	2331385	16.188 ug/ml
7) T n-Hexadecane (C16)	9.820	2383585	16.159 ug/ml
8) T n-Octadecane (C18)	11.260	2416419	16.054 ug/ml
10) T n-Eicosane (C20)	12.568	2399269	15.955 ug/ml
11) T n-Heneicosane (C21)	13.179	2348353	15.513 ug/ml
13) T n-Docosane (C22)	13.764	2460577	16.278 ug/ml
14) T n-Tetracosane (C24)	14.865	2572002	17.138 ug/ml
15) T n-Hexacosane (C26)	15.884	2620973	17.977 ug/ml
16) T n-Octacosane (C28)	16.832	2682280	19.232 ug/ml
17) T n-Tricontane (C30)	17.718	2670234	20.424 ug/ml
18) T n-Dotriacontane (C32)	18.549	2471417	20.931 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2195415	20.652 ug/ml
20) T n-Hexatriacontane (C36)	20.068	1937901	19.819 ug/mlm
21) T n-Octatriacontane (C38)	20.801	1744282	19.123 ug/mlm
22) T n-Tetracontane (C40)	21.701	1915191	23.634 ug/ml

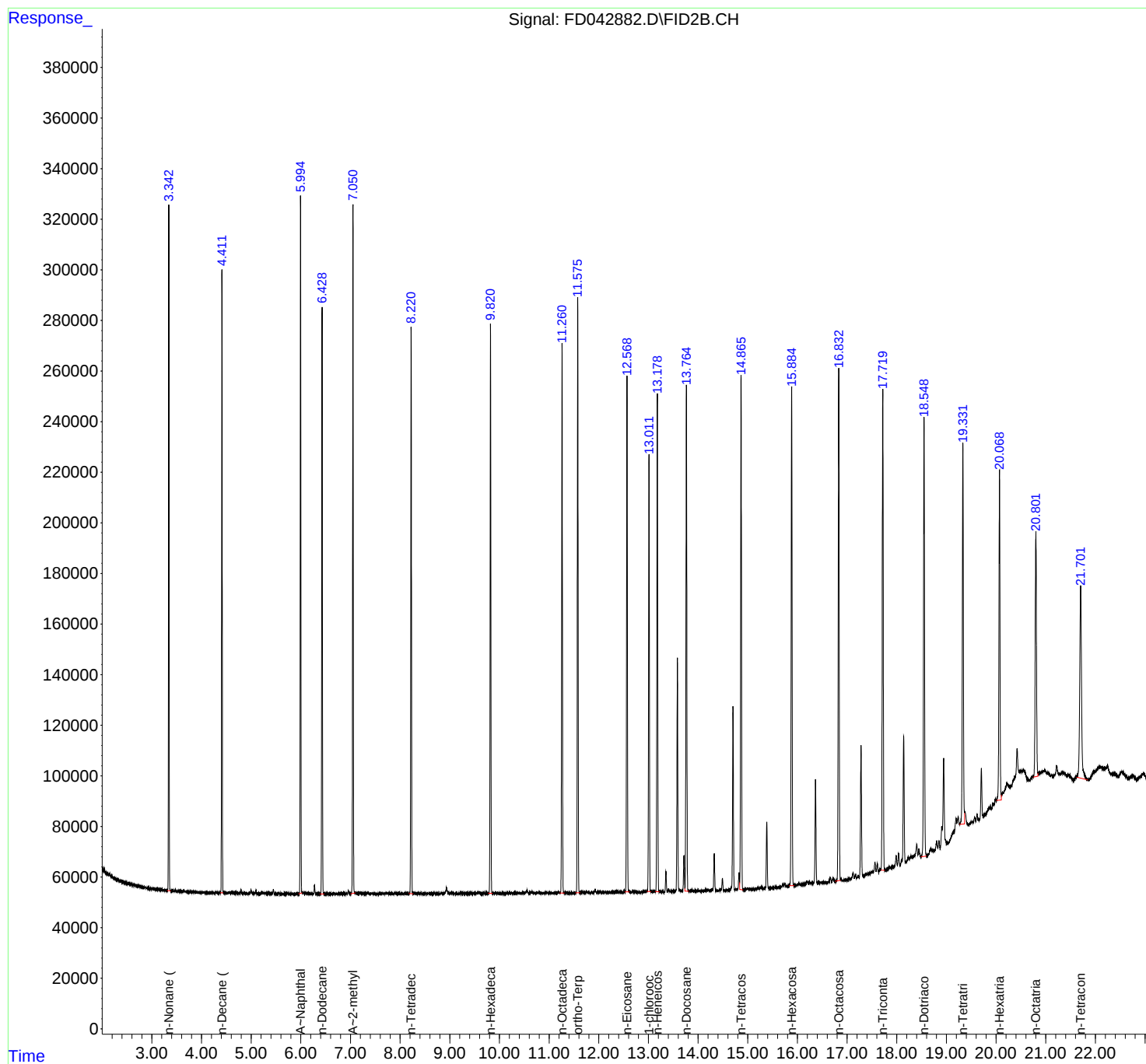
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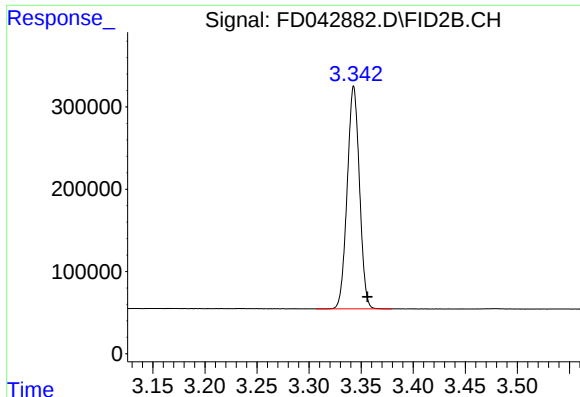
(m)=manual int.

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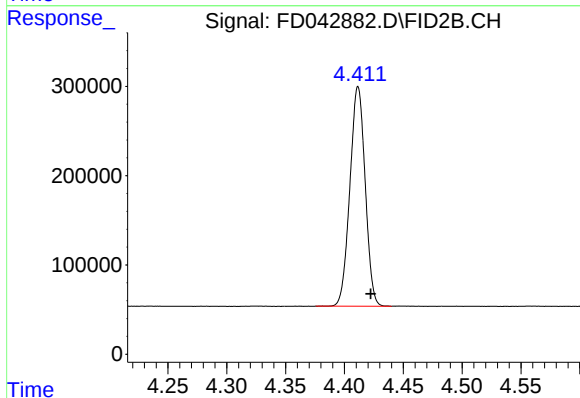
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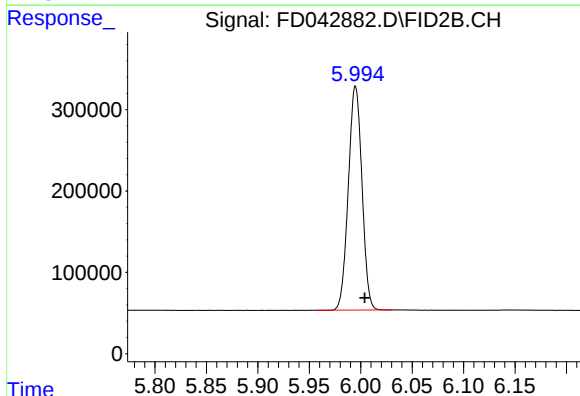
#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.013 min
Response: 2219967
Conc: 16.02 ug/ml



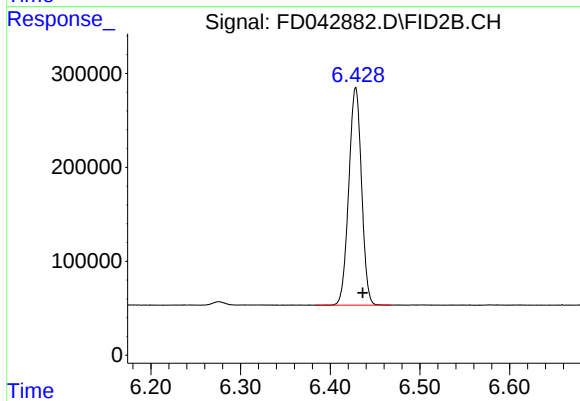
#2 n-Decane (C10)

R.T.: 4.412 min
Delta R.T.: -0.011 min
Response: 2223925
Conc: 16.11 ug/ml



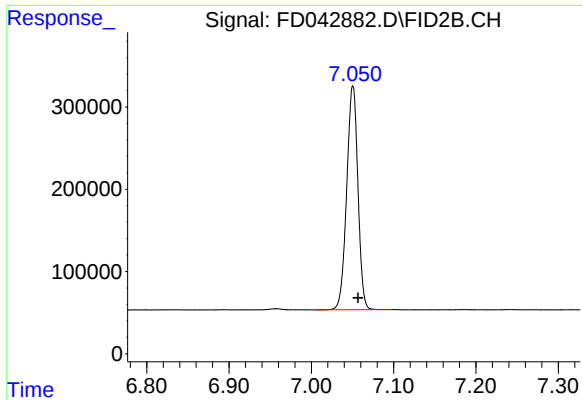
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: -0.009 min
Response: 2544276
Conc: 16.17 ug/ml



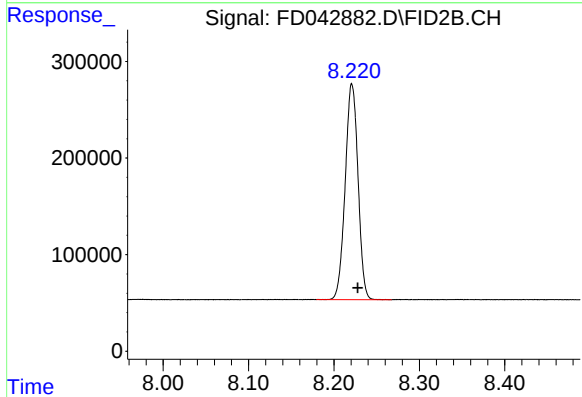
#4 n-Dodecane (C12)

R.T.: 6.428 min
Delta R.T.: -0.008 min
Response: 2288316
Conc: 16.15 ug/ml



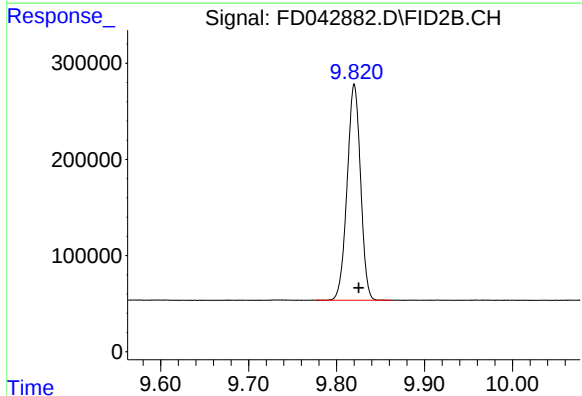
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 2580688
Conc: 16.12 ug/ml



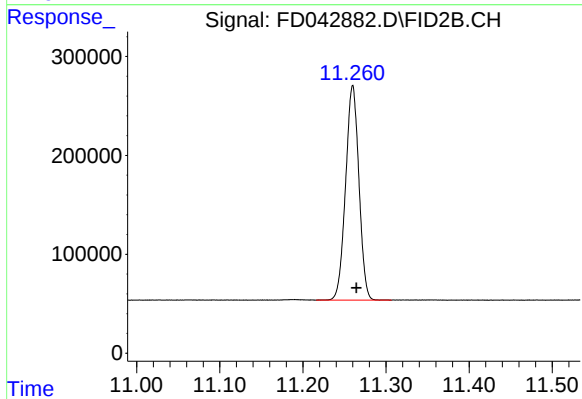
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 2331385
Conc: 16.19 ug/ml



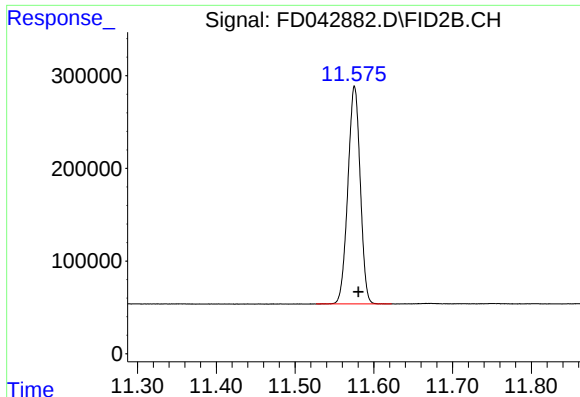
#7 n-Hexadecane (C16)

R.T.: 9.820 min
Delta R.T.: -0.005 min
Response: 2383585
Conc: 16.16 ug/ml



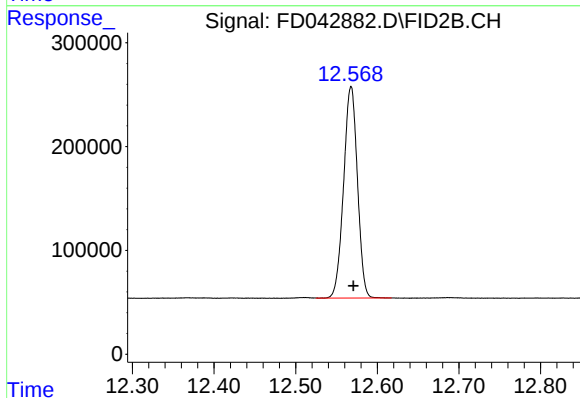
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.004 min
Response: 2416419
Conc: 16.05 ug/ml



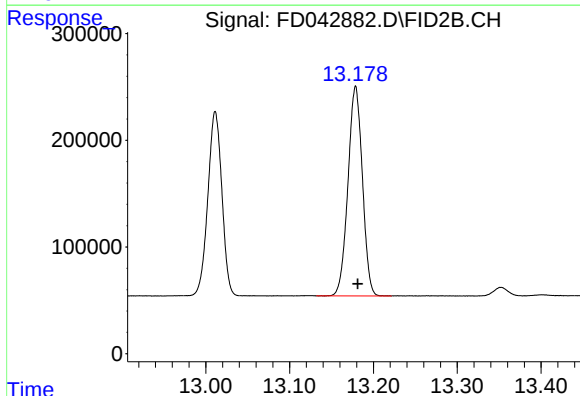
#9 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: -0.005 min
Response: 2560478
Conc: 15.42 ug/ml



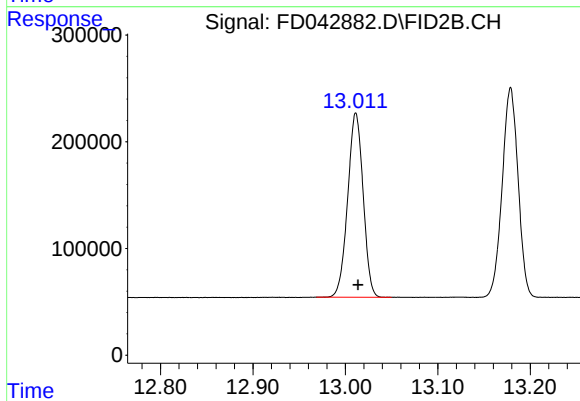
#10 n-Eicosane (C20)

R.T.: 12.568 min
Delta R.T.: -0.003 min
Response: 2399269
Conc: 15.95 ug/ml



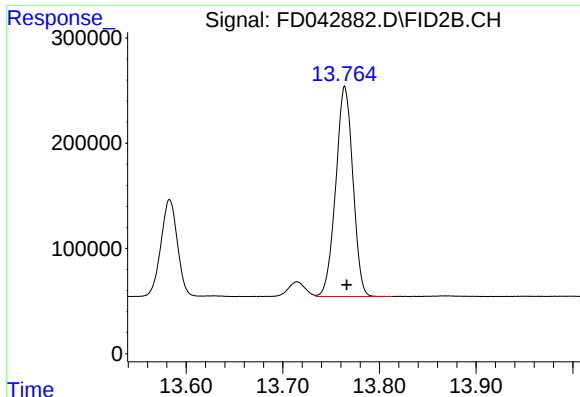
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: -0.003 min
Response: 2348353
Conc: 15.51 ug/ml



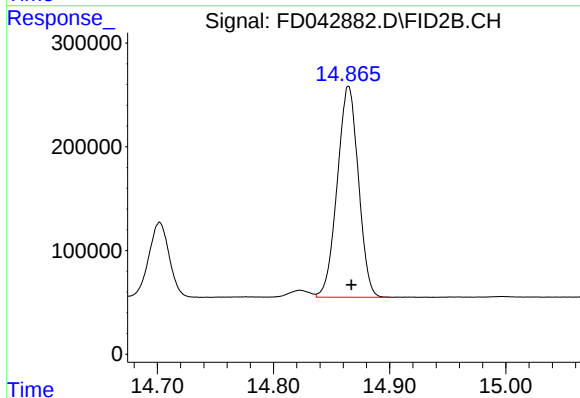
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: -0.003 min
Response: 2004014
Conc: 15.34 ug/ml



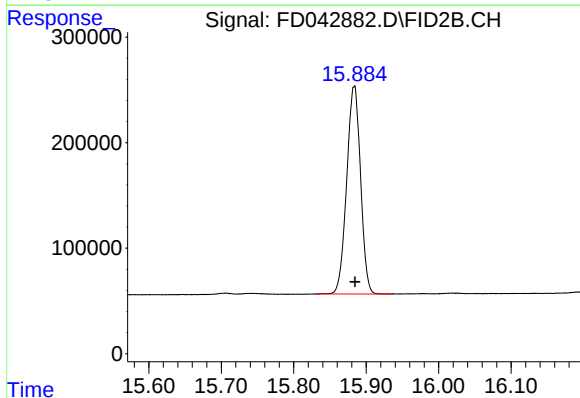
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.002 min
Response: 2460577
Conc: 16.28 ug/ml



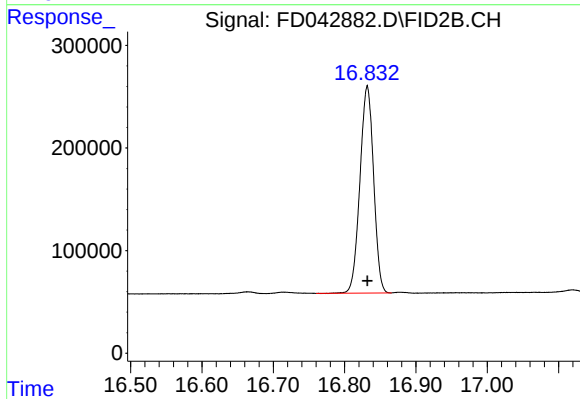
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: -0.003 min
Response: 2572002
Conc: 17.14 ug/ml



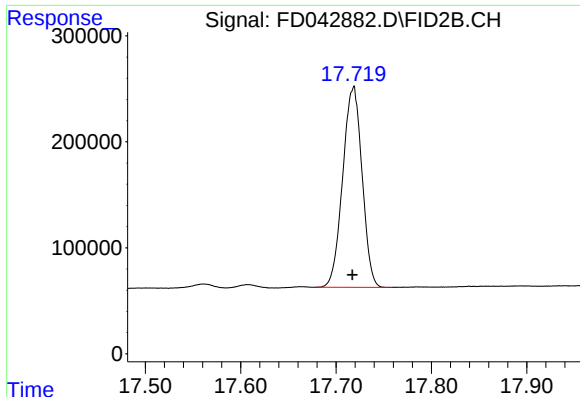
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.001 min
Response: 2620973
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.000 min
Response: 2682280
Conc: 19.23 ug/ml



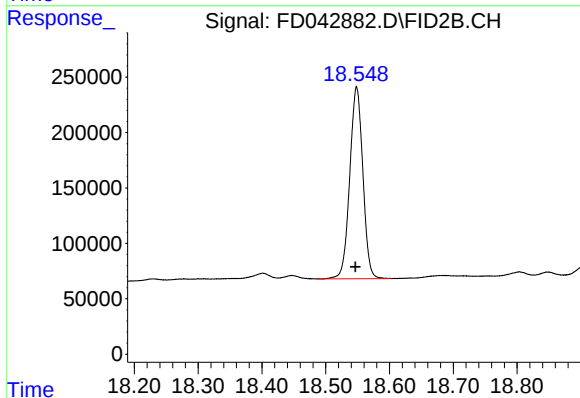
#17 n-Tricontane (C30)

R.T.: 17.718 min

Delta R.T.: 0.001 min

Response: 2670234

Conc: 20.42 ug/ml



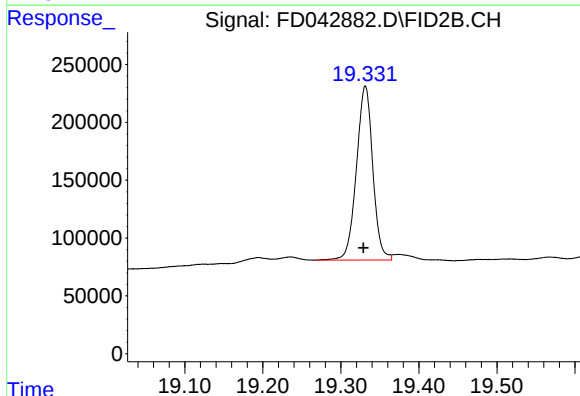
#18 n-Dotriacontane (C32)

R.T.: 18.549 min

Delta R.T.: 0.002 min

Response: 2471417

Conc: 20.93 ug/ml



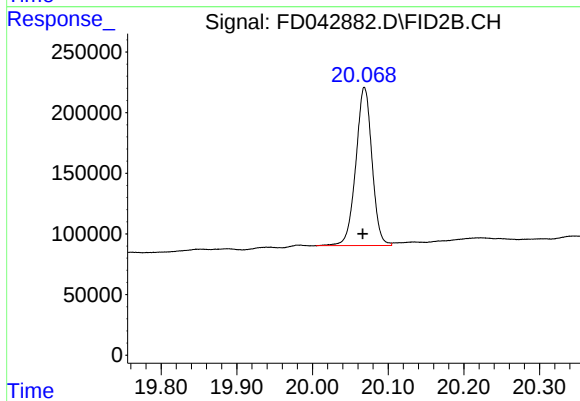
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min

Delta R.T.: 0.003 min

Response: 2195415

Conc: 20.65 ug/ml



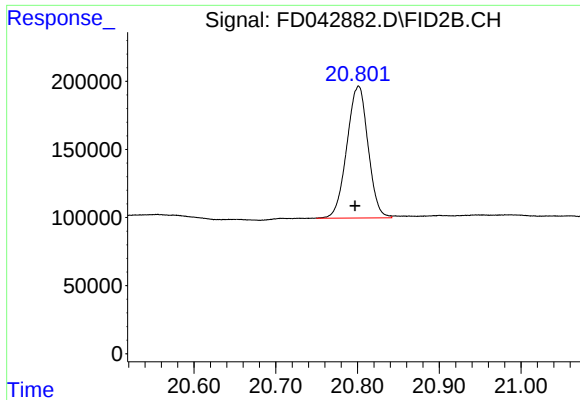
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min

Delta R.T.: 0.002 min

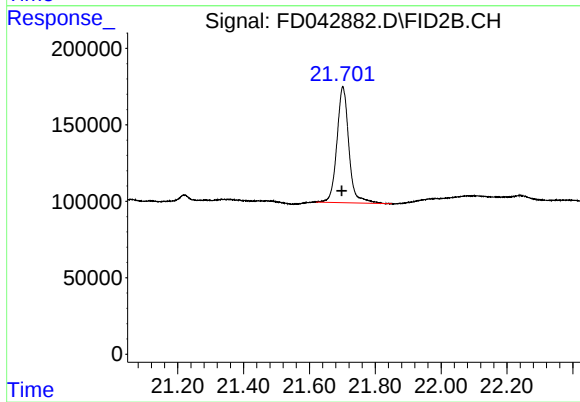
Response: 1937901

Conc: 19.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.004 min
Response: 1744282
Conc: 19.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.701 min
Delta R.T.: 0.003 min
Response: 1915191
Conc: 23.63 ug/ml