

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010622AL\
 Data File : FE034651.D
 Signal(s) : FID1B.CH
 Acq On : 06 Jan 2022 19:39
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 07 01:31:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 06 12:19:53 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)	11.100	2769441	20.019 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	12.531	2133680	20.265 ug/ml
Spiked Amount 50.000		Recovery =	40.53%
Target Compounds			
1) T n-Nonane (C9)	2.939	2313635	19.843 ug/ml
2) T n-Decane (C10)	3.970	2348902	19.867 ug/ml
3) T A~Naphthalene (C11.7)	5.534	2620387	19.860 ug/ml
4) T n-Dodecane (C12)	5.967	2363485	19.855 ug/ml
5) T A~2-methylnaphthalene...	6.581	2648190	19.884 ug/ml
6) T n-Tetradecane (C14)	7.754	2416937	19.908 ug/ml
7) T n-Hexadecane (C16)	9.350	2426104	19.918 ug/ml
8) T n-Octadecane (C18)	10.786	2496005	20.017 ug/ml
10) T n-Eicosane (C20)	12.091	2479593	20.106 ug/ml
11) T n-Heneicosane (C21)	12.700	2510503	20.170 ug/ml
13) T n-Docosane (C22)	13.284	2499370	20.272 ug/ml
14) T n-Tetracosane (C24)	14.382	2510123	20.399 ug/ml
15) T n-Hexacosane (C26)	15.400	2453139	20.587 ug/ml
16) T n-Octacosane (C28)	16.345	2400286	20.760 ug/ml
17) T n-Tricontane (C30)	17.230	2285813	20.939 ug/ml
18) T n-Dotriacontane (C32)	18.059	2003406	20.896 ug/ml
19) T n-Tetratriacontane (C34)	18.839	1710968	20.632 ug/ml
20) T n-Hexatriacontane (C36)	19.577	1383119	20.254 ug/ml
21) T n-Octatriacontane (C38)	20.285	1158456	20.098 ug/ml
22) T n-Tetracontane (C40)	21.130	1018135	20.364 ug/ml

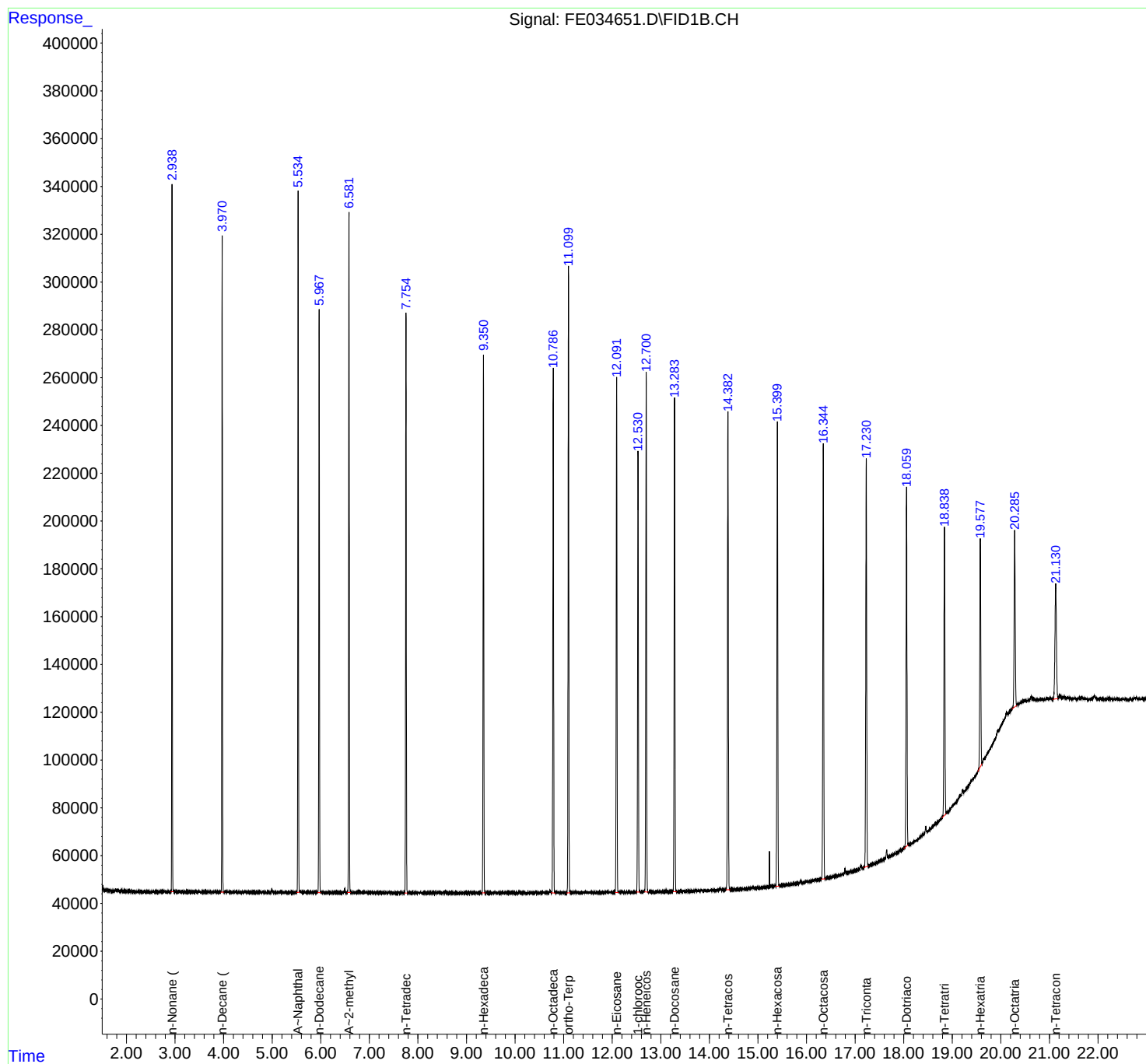
(f)=RT Delta > 1/2 Window

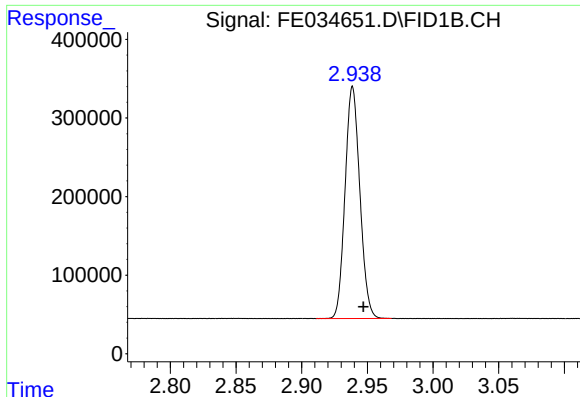
(m)=manual int.

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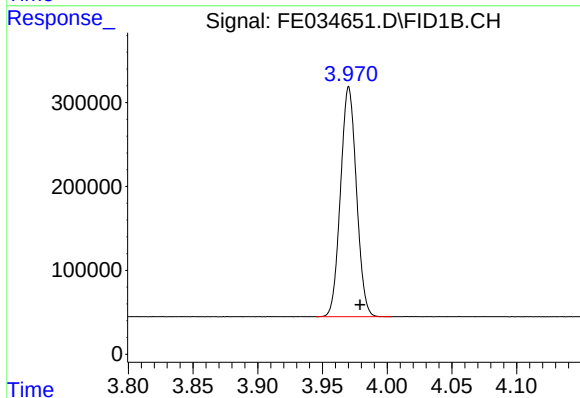
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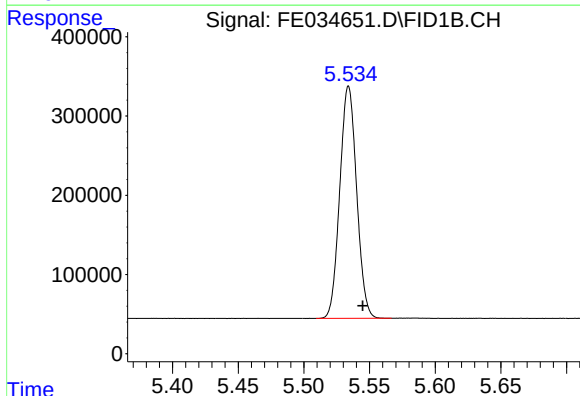
#1 n-Nonane (C9)

R.T.: 2.939 min
Delta R.T.: -0.008 min
Response: 2313635
Conc: 19.84 ug/ml



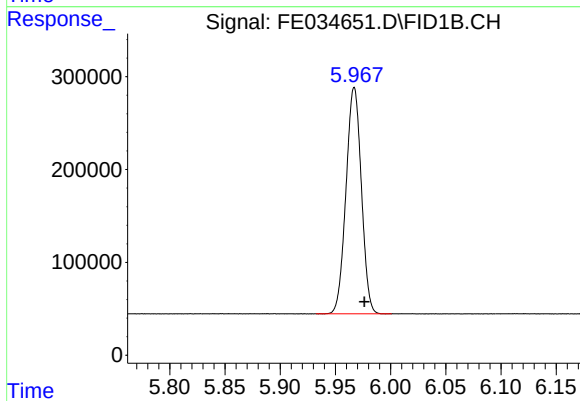
#2 n-Decane (C10)

R.T.: 3.970 min
Delta R.T.: -0.009 min
Response: 2348902
Conc: 19.87 ug/ml



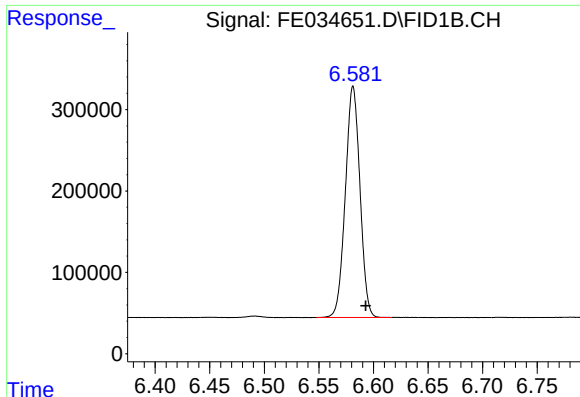
#3 A~Naphthalene (C11.7)

R.T.: 5.534 min
Delta R.T.: -0.011 min
Response: 2620387
Conc: 19.86 ug/ml



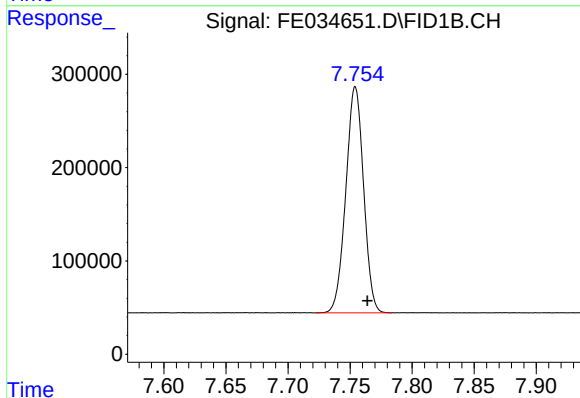
#4 n-Dodecane (C12)

R.T.: 5.967 min
Delta R.T.: -0.009 min
Response: 2363485
Conc: 19.85 ug/ml



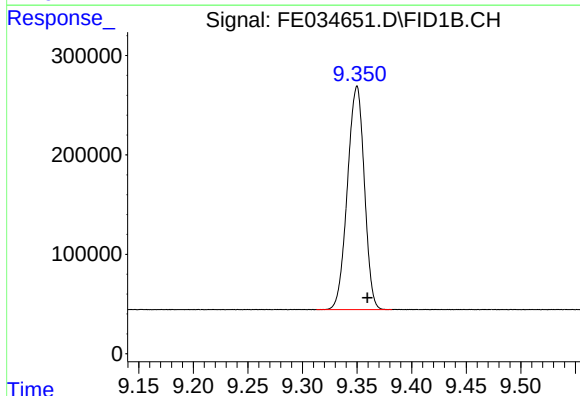
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.581 min
Delta R.T.: -0.011 min
Response: 2648190
Conc: 19.88 ug/ml



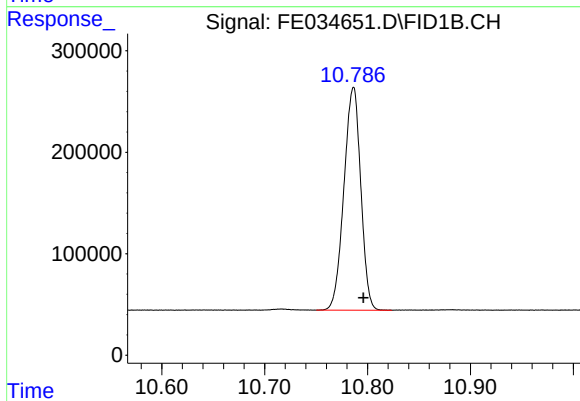
#6 n-Tetradecane (C14)

R.T.: 7.754 min
Delta R.T.: -0.010 min
Response: 2416937
Conc: 19.91 ug/ml



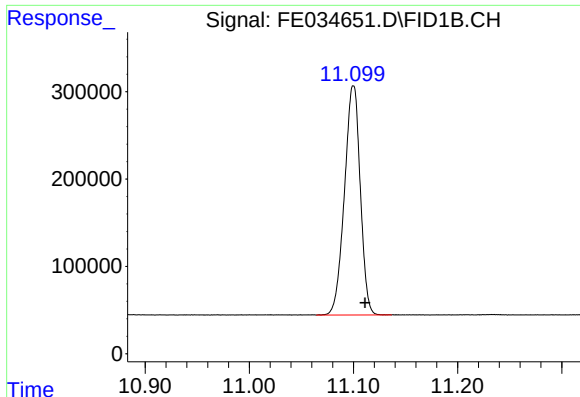
#7 n-Hexadecane (C16)

R.T.: 9.350 min
Delta R.T.: -0.010 min
Response: 2426104
Conc: 19.92 ug/ml



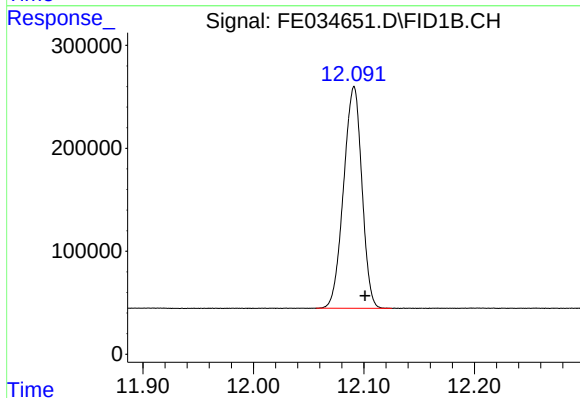
#8 n-Octadecane (C18)

R.T.: 10.786 min
Delta R.T.: -0.010 min
Response: 2496005
Conc: 20.02 ug/ml



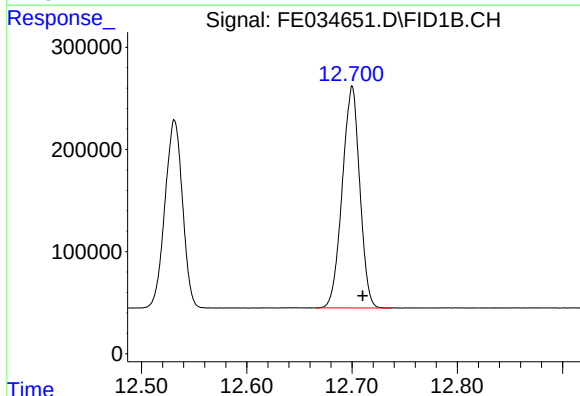
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: -0.011 min
Response: 2769441
Conc: 20.02 ug/ml



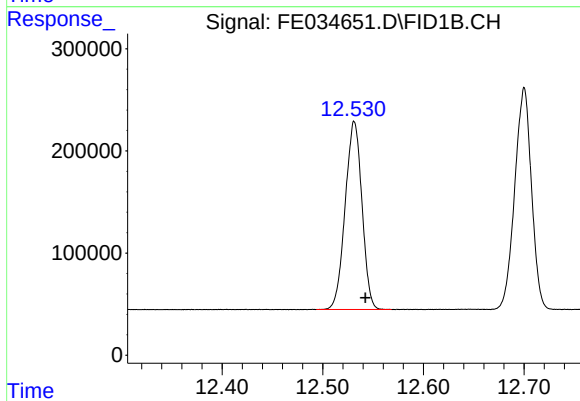
#10 n-Eicosane (C20)

R.T.: 12.091 min
Delta R.T.: -0.010 min
Response: 2479593
Conc: 20.11 ug/ml



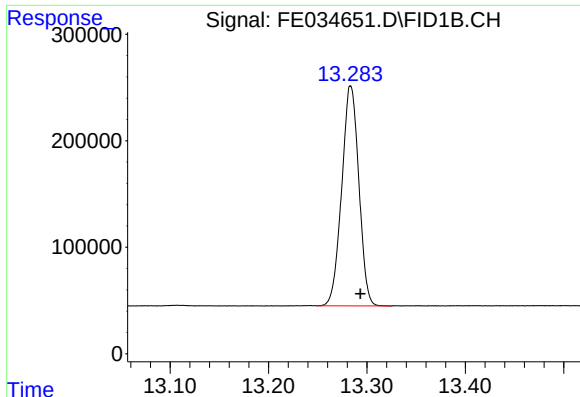
#11 n-Heneicosane (C21)

R.T.: 12.700 min
Delta R.T.: -0.010 min
Response: 2510503
Conc: 20.17 ug/ml



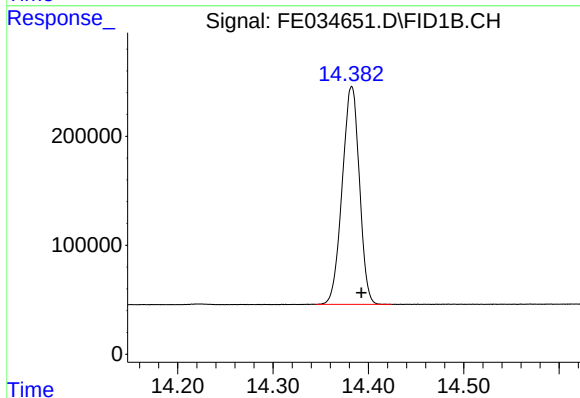
#12 1-chlorooctadecane (SURR)

R.T.: 12.531 min
Delta R.T.: -0.011 min
Response: 2133680
Conc: 20.26 ug/ml



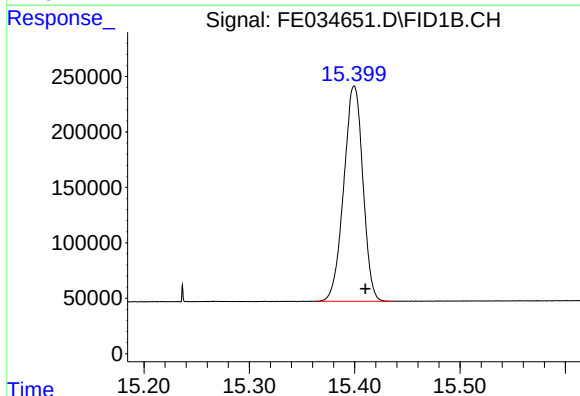
#13 n-Docosane (C22)

R.T.: 13.284 min
Delta R.T.: -0.010 min
Response: 2499370
Conc: 20.27 ug/ml



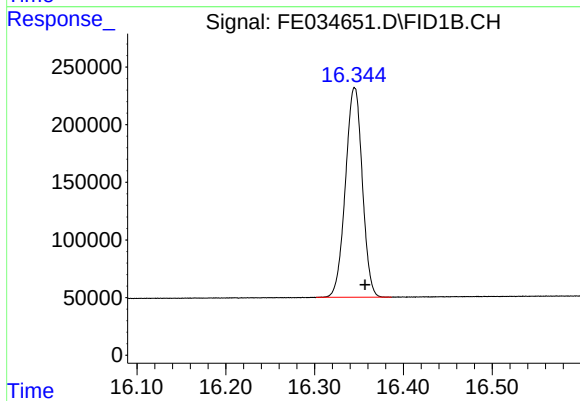
#14 n-Tetracosane (C24)

R.T.: 14.382 min
Delta R.T.: -0.010 min
Response: 2510123
Conc: 20.40 ug/ml



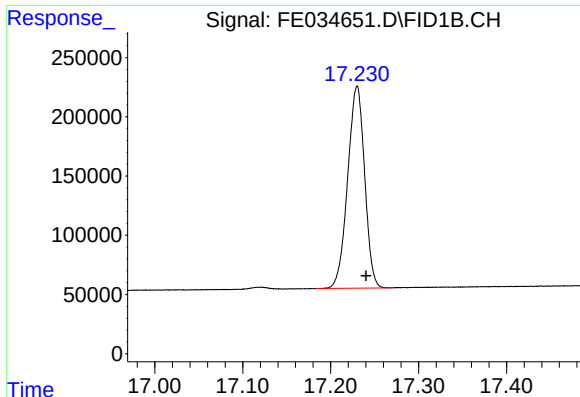
#15 n-Hexacosane (C26)

R.T.: 15.400 min
Delta R.T.: -0.011 min
Response: 2453139
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.345 min
Delta R.T.: -0.012 min
Response: 2400286
Conc: 20.76 ug/ml



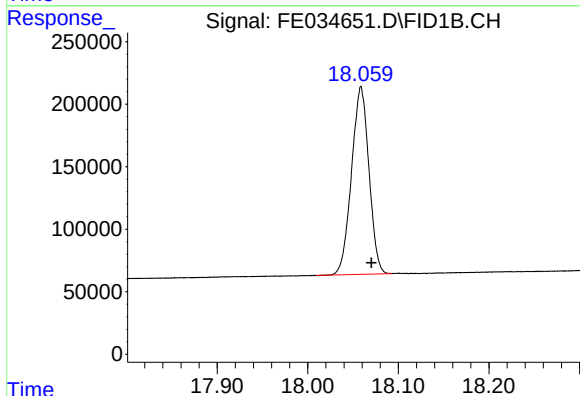
#17 n-Tricontane (C30)

R.T.: 17.230 min

Delta R.T.: -0.010 min

Response: 2285813

Conc: 20.94 ug/ml



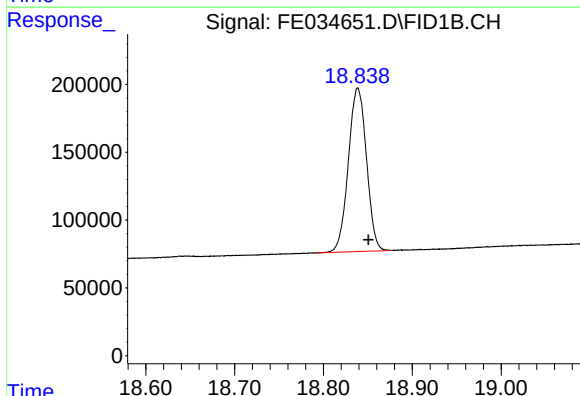
#18 n-Dotriacontane (C32)

R.T.: 18.059 min

Delta R.T.: -0.011 min

Response: 2003406

Conc: 20.90 ug/ml



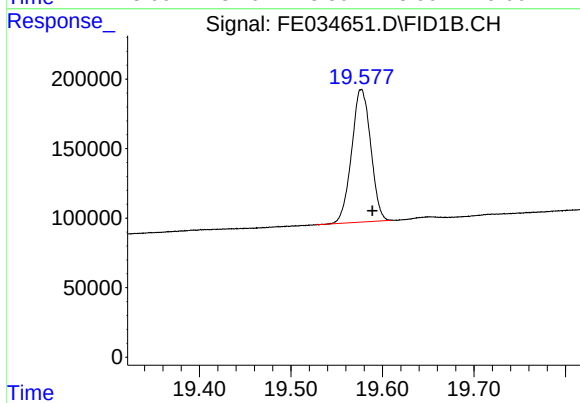
#19 n-Tetratriacontane (C34)

R.T.: 18.839 min

Delta R.T.: -0.012 min

Response: 1710968

Conc: 20.63 ug/ml



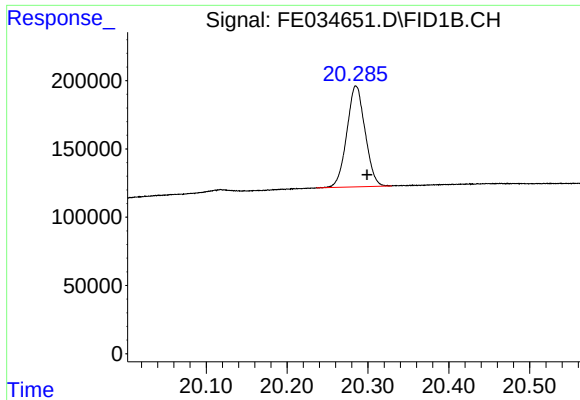
#20 n-Hexatriacontane (C36)

R.T.: 19.577 min

Delta R.T.: -0.012 min

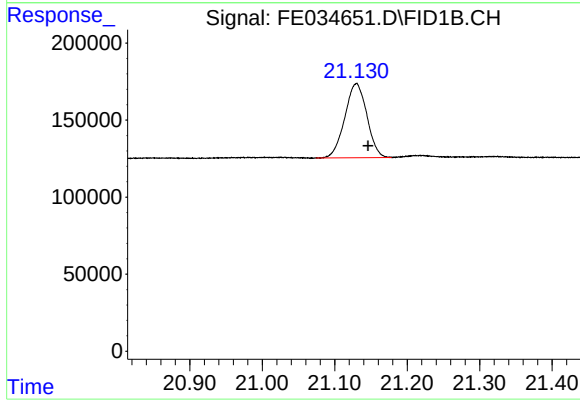
Response: 1383119

Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.285 min
Delta R.T.: -0.013 min
Response: 1158456
Conc: 20.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.130 min
Delta R.T.: -0.016 min
Response: 1018135
Conc: 20.36 ug/ml