

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020422AL\
 Data File : FE034876.D
 Signal(s) : FID1B.CH
 Acq On : 05 Feb 2022 7:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 07 06:36:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 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)	11.054	2527175	19.695 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	12.489	1921864	19.915 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	2.906	2321865	20.368 ug/ml
2) T n-Decane (C10)	3.935	2358243	20.505 ug/ml
3) T A~Naphthalene (C11.7)	5.494	2594459	20.217 ug/ml
4) T n-Dodecane (C12)	5.930	2337223	20.370 ug/ml
5) T A~2-methylnaphthalene...	6.541	2594382	20.130 ug/ml
6) T n-Tetradecane (C14)	7.717	2354243	20.350 ug/ml
7) T n-Hexadecane (C16)	9.310	2322460	20.267 ug/ml
8) T n-Octadecane (C18)	10.746	2322589	20.161 ug/ml
10) T n-Eicosane (C20)	12.049	2241713	20.029 ug/ml
11) T n-Heneicosane (C21)	12.658	2231725	19.917 ug/ml
13) T n-Docosane (C22)	13.242	2181239	19.802 ug/ml
14) T n-Tetracosane (C24)	14.340	2147813	19.825 ug/ml
15) T n-Hexacosane (C26)	15.355	2096172	20.038 ug/ml
16) T n-Octacosane (C28)	16.300	2115736	20.729 ug/ml
17) T n-Tricontane (C30)	17.184	2165163	21.909 ug/ml
18) T n-Dotriacontane (C32)	18.013	2076706	22.611 ug/ml
19) T n-Tetratriacontane (C34)	18.792	1953315	22.426 ug/ml
20) T n-Hexatriacontane (C36)	19.529	1816642	22.081 ug/ml
21) T n-Octatriacontane (C38)	20.236	1719786	21.695 ug/mlm
22) T n-Tetracontane (C40)	21.060	1714141	21.253 ug/ml

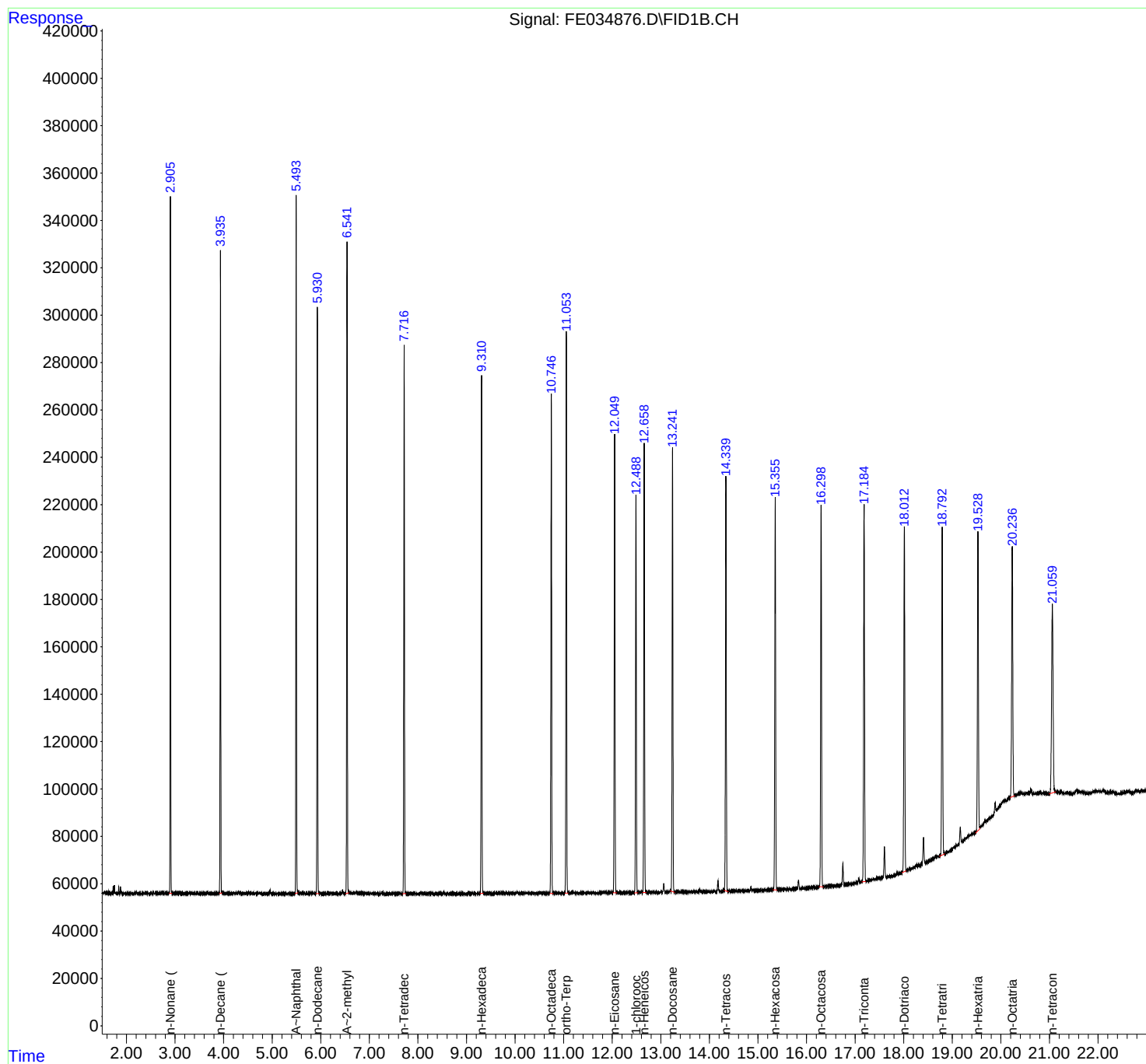
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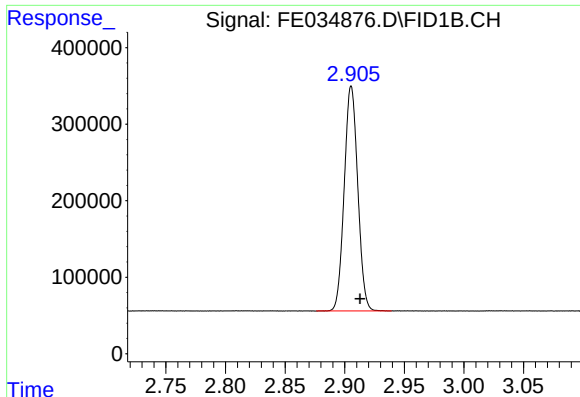
(m)=manual int.

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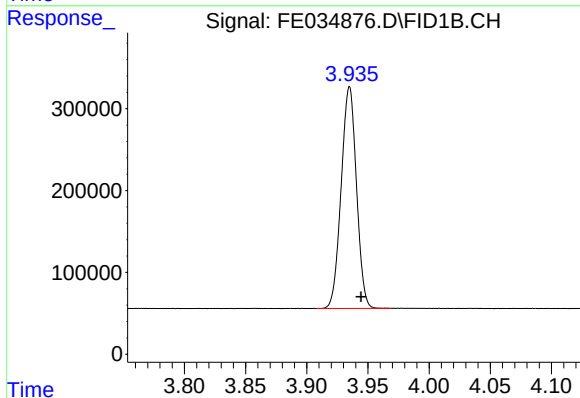
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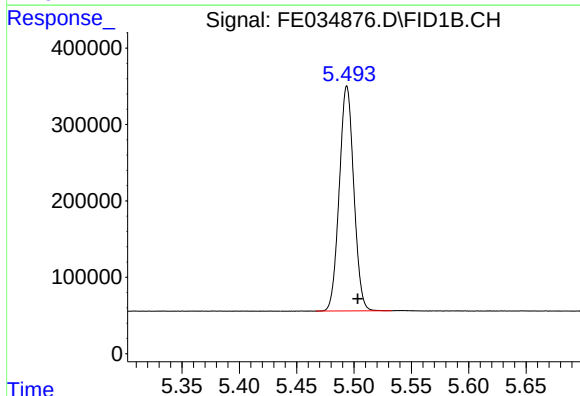
#1 n-Nonane (C9)

R.T.: 2.906 min
Delta R.T.: -0.007 min
Response: 2321865
Conc: 20.37 ug/ml



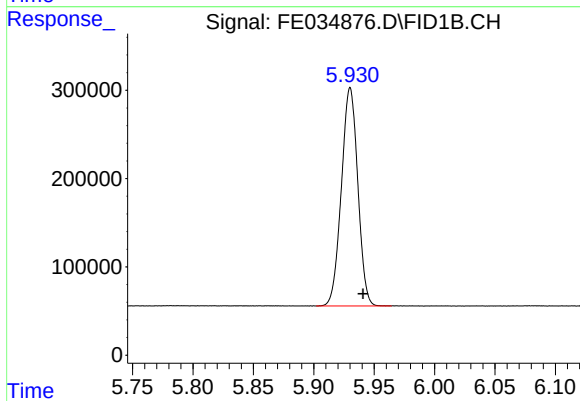
#2 n-Decane (C10)

R.T.: 3.935 min
Delta R.T.: -0.009 min
Response: 2358243
Conc: 20.50 ug/ml



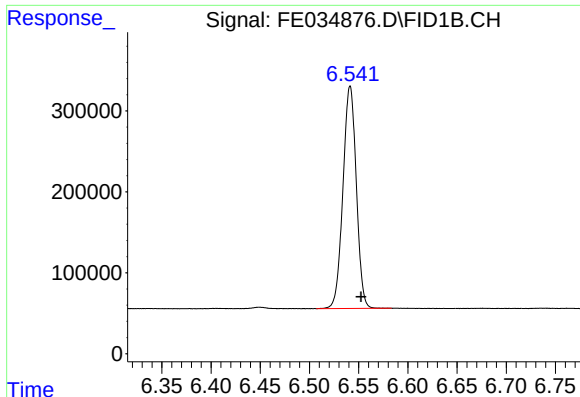
#3 A~Naphthalene (C11.7)

R.T.: 5.494 min
Delta R.T.: -0.010 min
Response: 2594459
Conc: 20.22 ug/ml



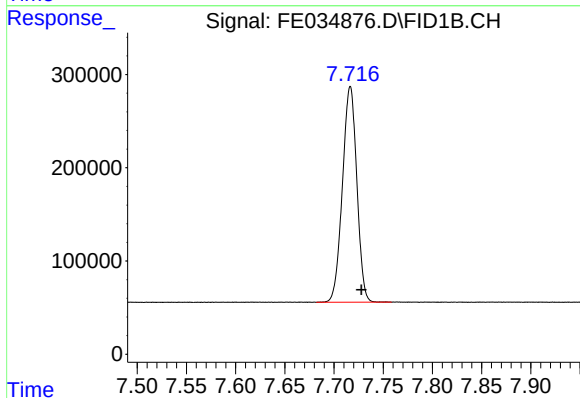
#4 n-Dodecane (C12)

R.T.: 5.930 min
Delta R.T.: -0.011 min
Response: 2337223
Conc: 20.37 ug/ml



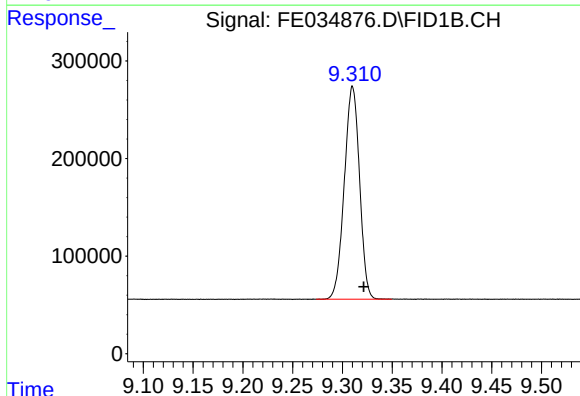
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.541 min
Delta R.T.: -0.011 min
Response: 2594382
Conc: 20.13 ug/ml



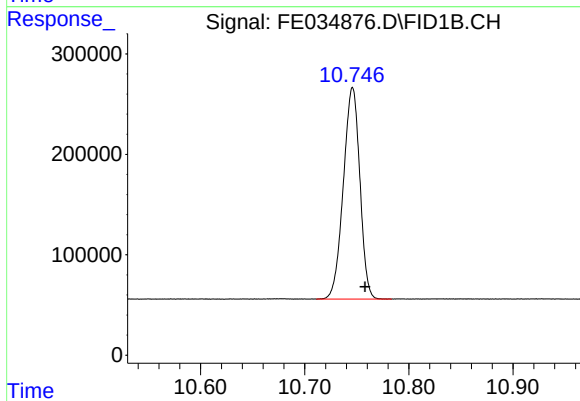
#6 n-Tetradecane (C14)

R.T.: 7.717 min
Delta R.T.: -0.011 min
Response: 2354243
Conc: 20.35 ug/ml



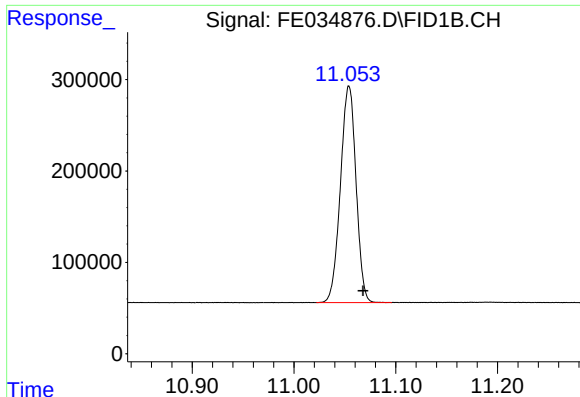
#7 n-Hexadecane (C16)

R.T.: 9.310 min
Delta R.T.: -0.011 min
Response: 2322460
Conc: 20.27 ug/ml



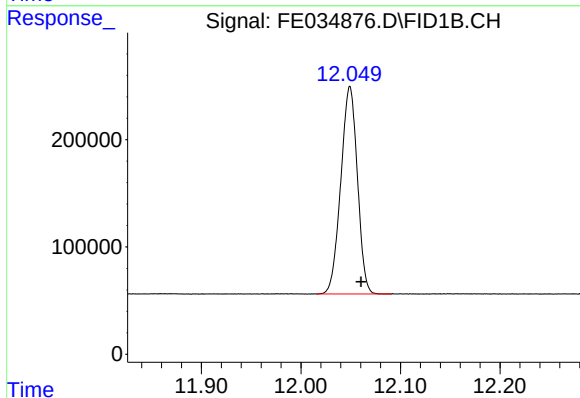
#8 n-Octadecane (C18)

R.T.: 10.746 min
Delta R.T.: -0.012 min
Response: 2322589
Conc: 20.16 ug/ml



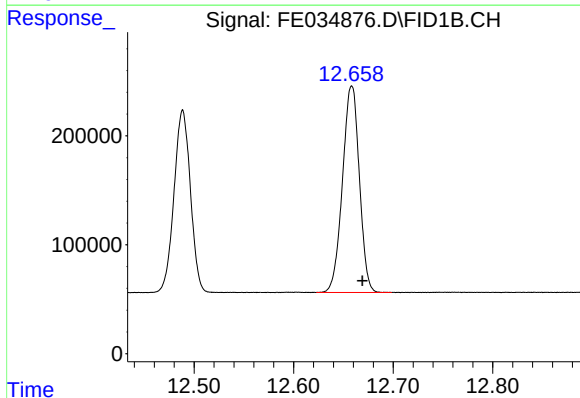
#9 ortho-Terphenyl (SURR)

R.T.: 11.054 min
Delta R.T.: -0.014 min
Response: 2527175
Conc: 19.69 ug/ml



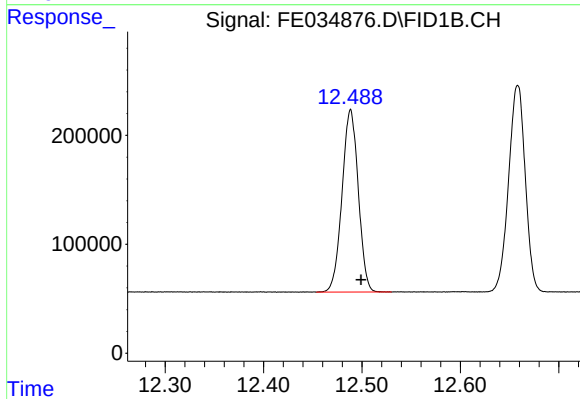
#10 n-Eicosane (C20)

R.T.: 12.049 min
Delta R.T.: -0.011 min
Response: 2241713
Conc: 20.03 ug/ml



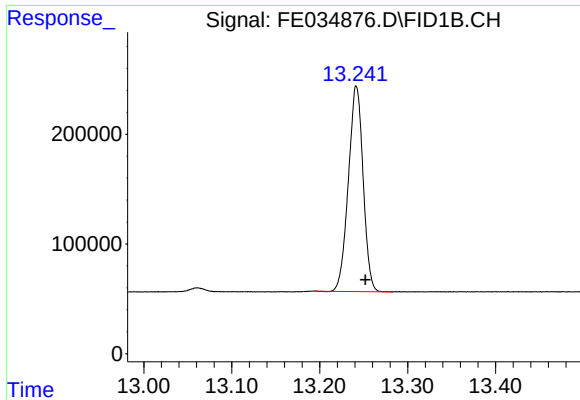
#11 n-Heneicosane (C21)

R.T.: 12.658 min
Delta R.T.: -0.011 min
Response: 2231725
Conc: 19.92 ug/ml



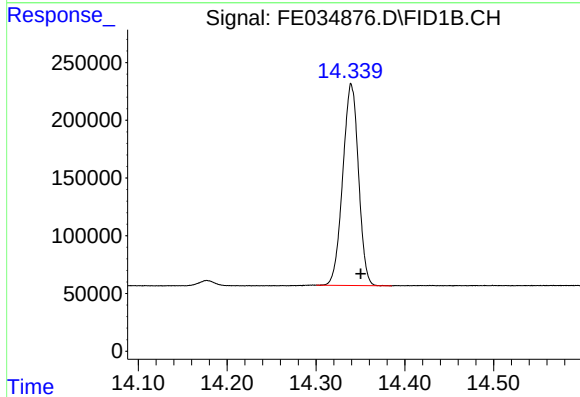
#12 1-chlorooctadecane (SURR)

R.T.: 12.489 min
Delta R.T.: -0.011 min
Response: 1921864
Conc: 19.91 ug/ml



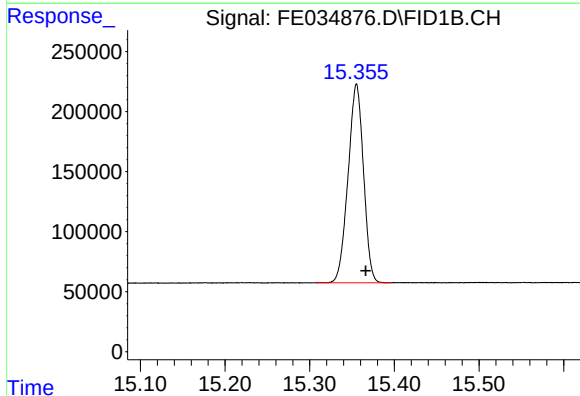
#13 n-Docosane (C22)

R.T.: 13.242 min
Delta R.T.: -0.010 min
Response: 2181239
Conc: 19.80 ug/ml



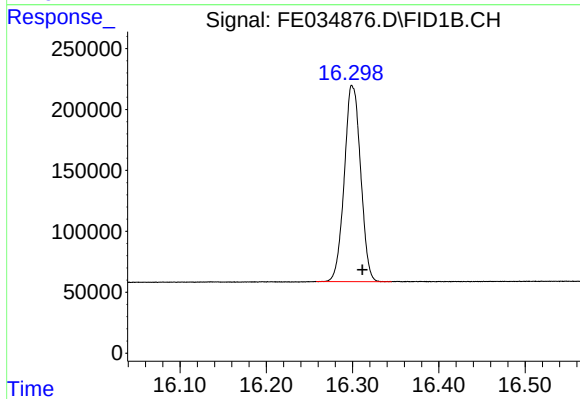
#14 n-Tetracosane (C24)

R.T.: 14.340 min
Delta R.T.: -0.010 min
Response: 2147813
Conc: 19.83 ug/ml



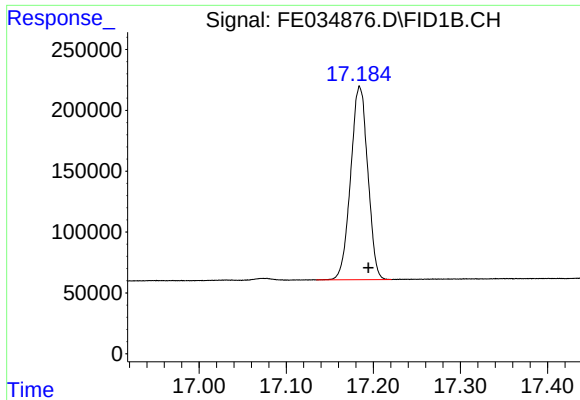
#15 n-Hexacosane (C26)

R.T.: 15.355 min
Delta R.T.: -0.011 min
Response: 2096172
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.300 min
Delta R.T.: -0.012 min
Response: 2115736
Conc: 20.73 ug/ml



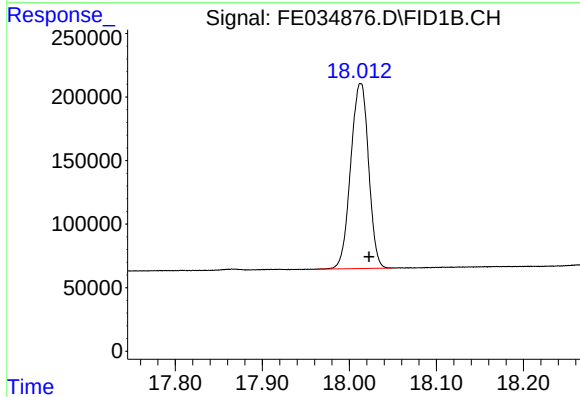
#17 n-Tricontane (C30)

R.T.: 17.184 min

Delta R.T.: -0.010 min

Response: 2165163

Conc: 21.91 ug/ml



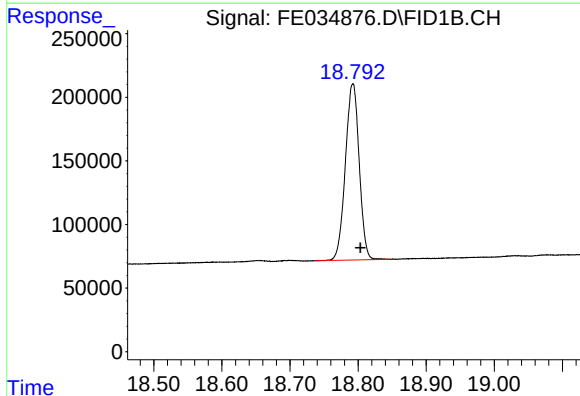
#18 n-Dotriacontane (C32)

R.T.: 18.013 min

Delta R.T.: -0.010 min

Response: 2076706

Conc: 22.61 ug/ml



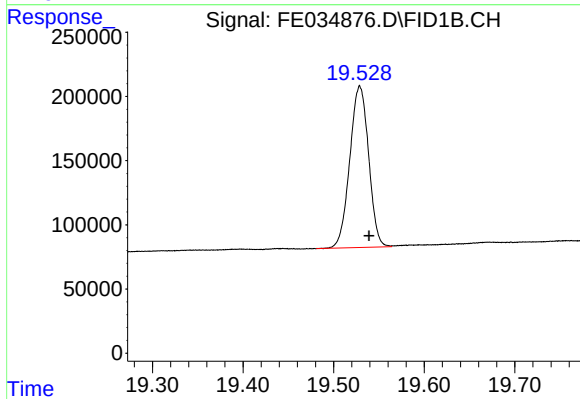
#19 n-Tetratriacontane (C34)

R.T.: 18.792 min

Delta R.T.: -0.011 min

Response: 1953315

Conc: 22.43 ug/ml



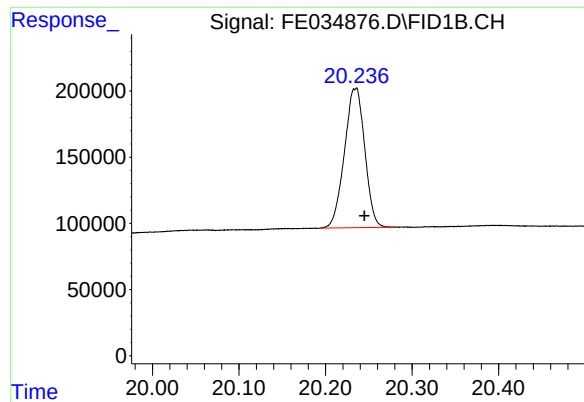
#20 n-Hexatriacontane (C36)

R.T.: 19.529 min

Delta R.T.: -0.010 min

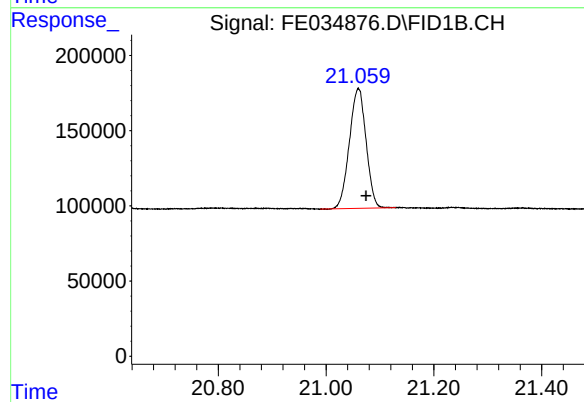
Response: 1816642

Conc: 22.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.236 min
Delta R.T.: -0.009 min
Response: 1719786
Conc: 21.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.060 min
Delta R.T.: -0.014 min
Response: 1714141
Conc: 21.25 ug/ml