

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021822AL\
 Data File : FE035077.D
 Signal(s) : FID1B.CH
 Acq On : 18 Feb 2022 15:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 18 21:46:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021822.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 18 14:37:45 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)	11.739	18431739	18.971 ug/ml
Spiked Amount 50.000		Recovery =	37.94%
12) S 1-chlorooctadecane (S...	13.154	13932773	18.942 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.616	15737105	19.205 ug/ml
2) T n-Decane (C10)	4.613	15934301	19.023 ug/ml
3) T A~Naphthalene (C11.7)	6.170	17855516	19.054 ug/ml
4) T n-Dodecane (C12)	6.588	16391286	18.988 ug/ml
5) T A~2-methylnaphthalene...	7.219	17989260	19.029 ug/ml
6) T n-Tetradecane (C14)	8.373	16399501	19.026 ug/ml
7) T n-Hexadecane (C16)	9.968	16548870	19.013 ug/ml
8) T n-Octadecane (C18)	11.407	16729944	18.961 ug/ml
10) T n-Eicosane (C20)	12.710	16532189	18.936 ug/ml
11) T n-Heneicosane (C21)	13.320	16551987	18.917 ug/ml
13) T n-Docosane (C22)	13.905	16480958	18.892 ug/ml
14) T n-Tetracosane (C24)	15.002	16320037	18.864 ug/ml
15) T n-Hexacosane (C26)	16.020	15915913	18.878 ug/ml
16) T n-Octacosane (C28)	16.964	15233316	18.889 ug/ml
17) T n-Tricontane (C30)	17.848	14060342	18.813 ug/ml
18) T n-Dotriacontane (C32)	18.675	12366596	18.758 ug/ml
19) T n-Tetratriacontane (C34)	19.453	10237470	18.718 ug/ml
20) T n-Hexatriacontane (C36)	20.187	7566175	18.504 ug/ml
21) T n-Octatriacontane (C38)	20.934	5076154	18.576 ug/ml
22) T n-Tetracontane (C40)	21.865	3161706	18.335 ug/ml

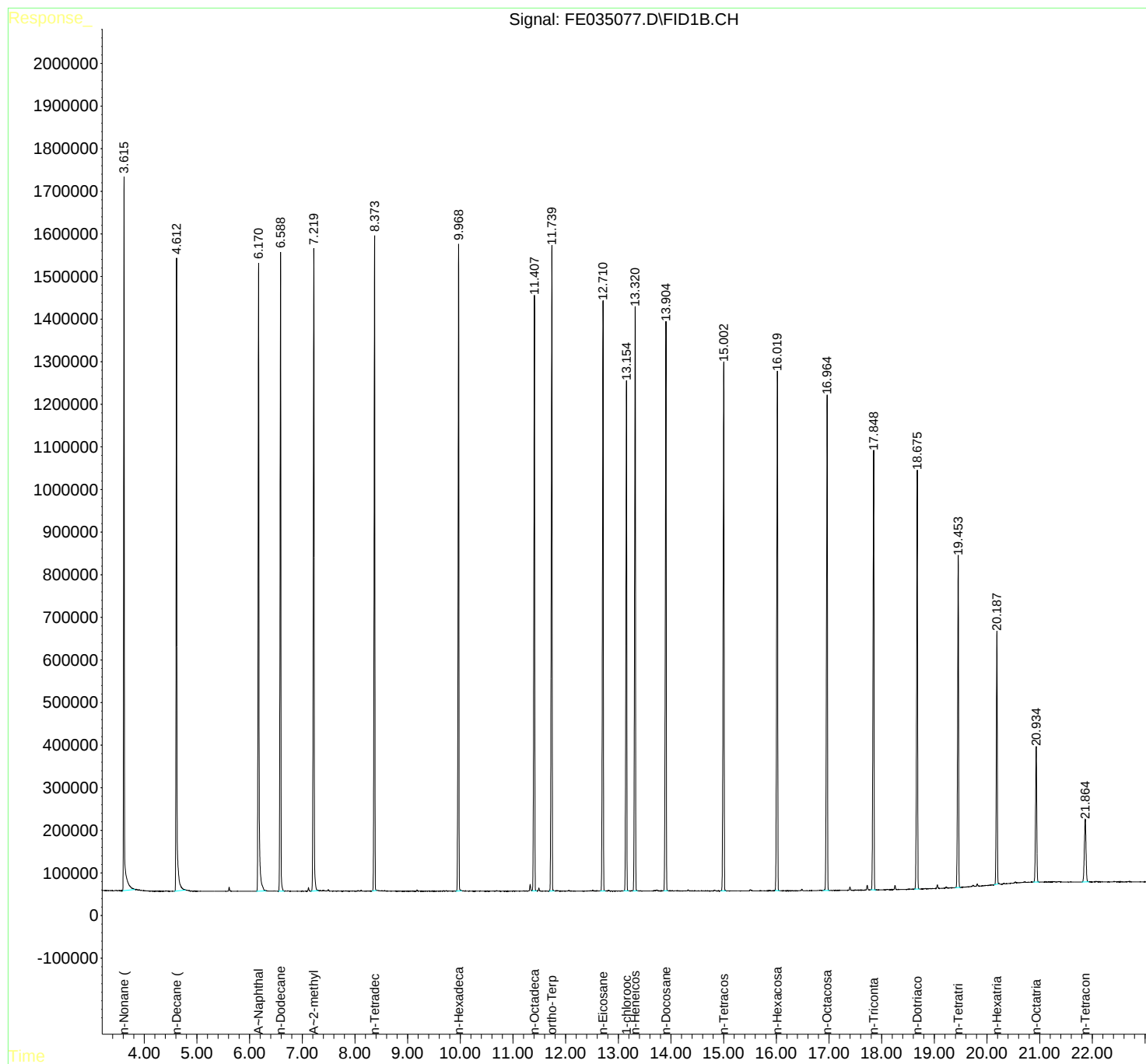
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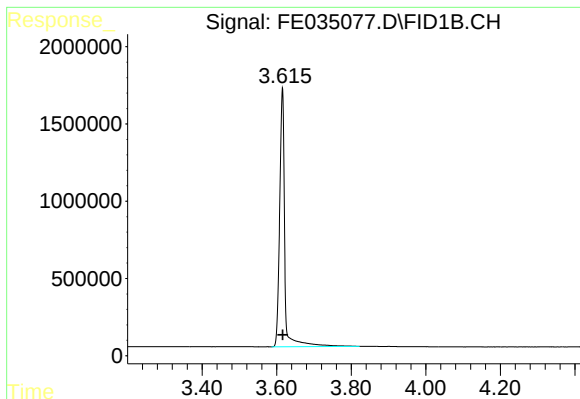
(m)=manual int.

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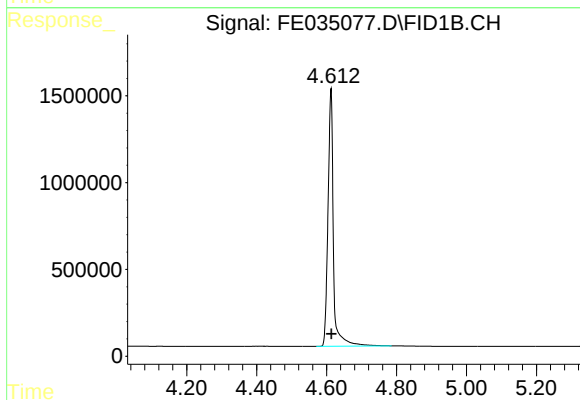
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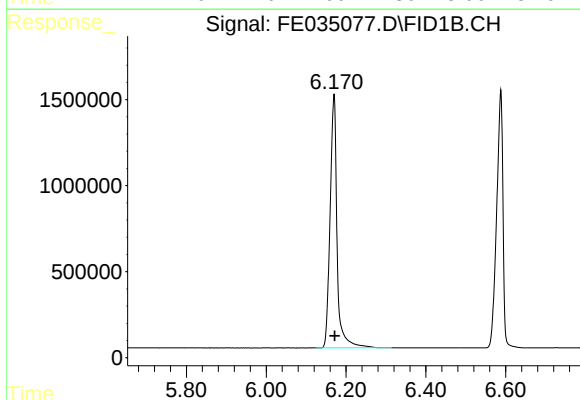
#1 n-Nonane (C9)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 15737105
Conc: 19.21 ug/ml



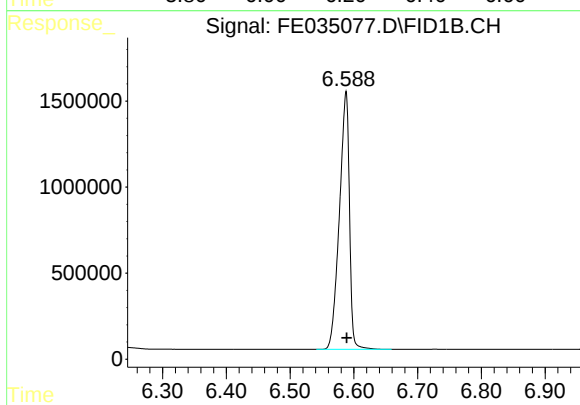
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.001 min
Response: 15934301
Conc: 19.02 ug/ml



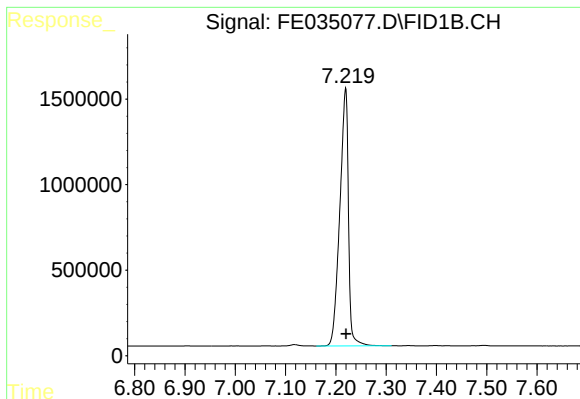
#3 A~Naphthalene (C11.7)

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 17855516
Conc: 19.05 ug/ml



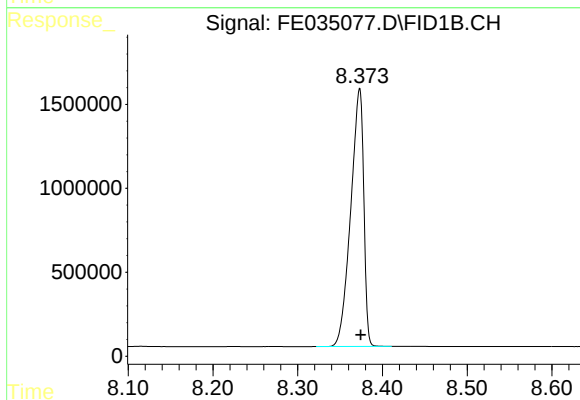
#4 n-Dodecane (C12)

R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 16391286
Conc: 18.99 ug/ml



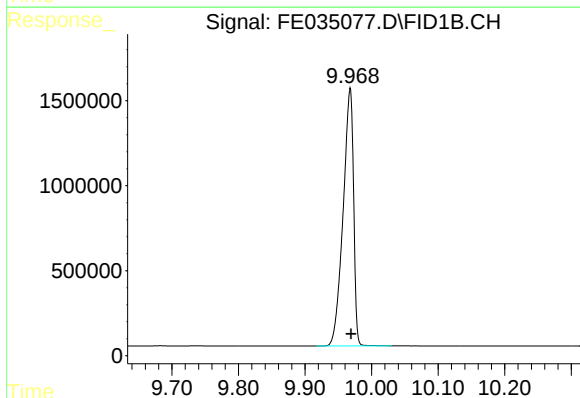
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.219 min
Delta R.T.: -0.001 min
Response: 17989260
Conc: 19.03 ug/ml



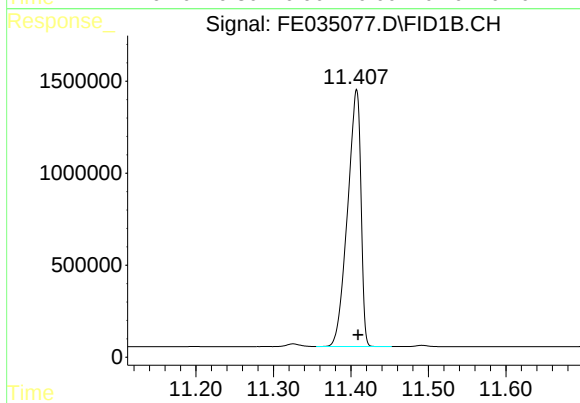
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: -0.001 min
Response: 16399501
Conc: 19.03 ug/ml



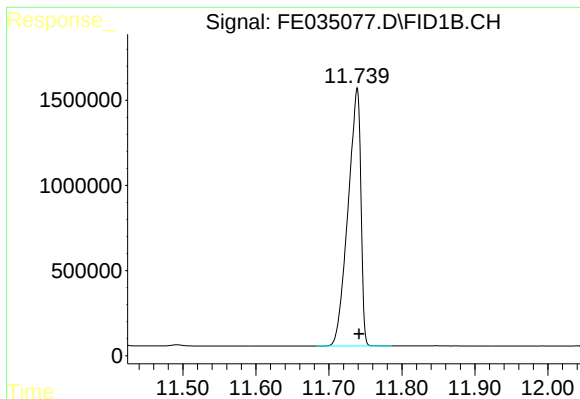
#7 n-Hexadecane (C16)

R.T.: 9.968 min
Delta R.T.: -0.002 min
Response: 16548870
Conc: 19.01 ug/ml



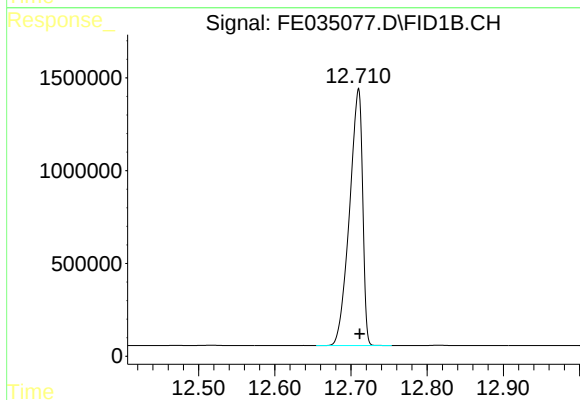
#8 n-Octadecane (C18)

R.T.: 11.407 min
Delta R.T.: -0.002 min
Response: 16729944
Conc: 18.96 ug/ml



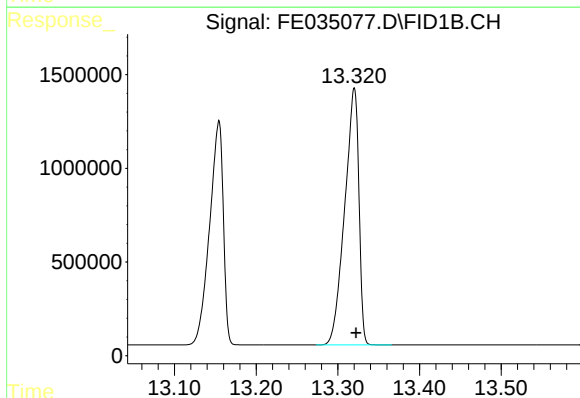
#9 ortho-Terphenyl (SURR)

R.T.: 11.739 min
Delta R.T.: -0.003 min
Response: 18431739
Conc: 18.97 ug/ml



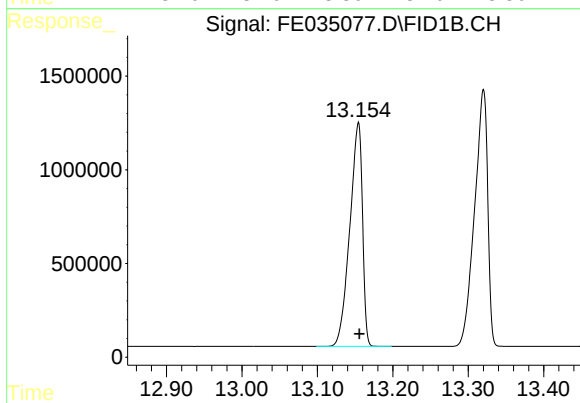
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.002 min
Response: 16532189
Conc: 18.94 ug/ml



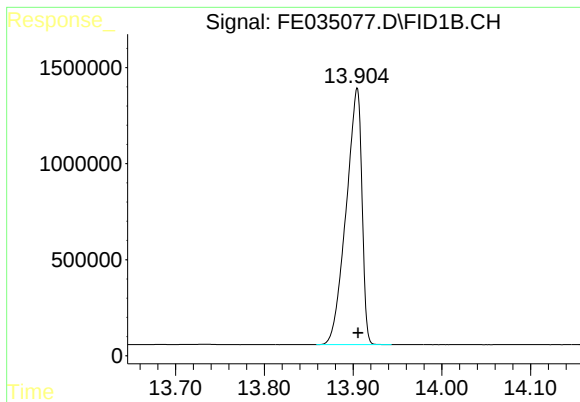
#11 n-Heneicosane (C21)

R.T.: 13.320 min
Delta R.T.: -0.002 min
Response: 16551987
Conc: 18.92 ug/ml



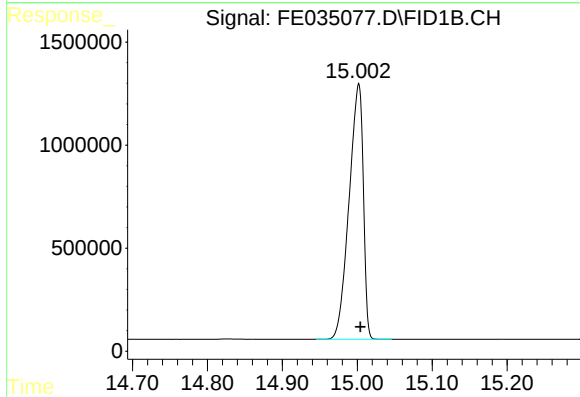
#12 1-chlorooctadecane (SURR)

R.T.: 13.154 min
Delta R.T.: -0.001 min
Response: 13932773
Conc: 18.94 ug/ml



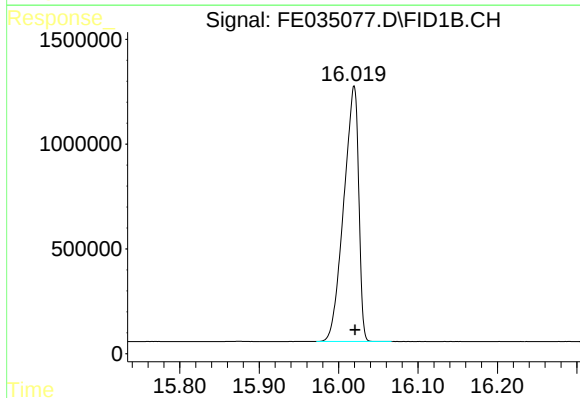
#13 n-Docosane (C22)

R.T.: 13.905 min
Delta R.T.: -0.001 min
Response: 16480958
Conc: 18.89 ug/ml



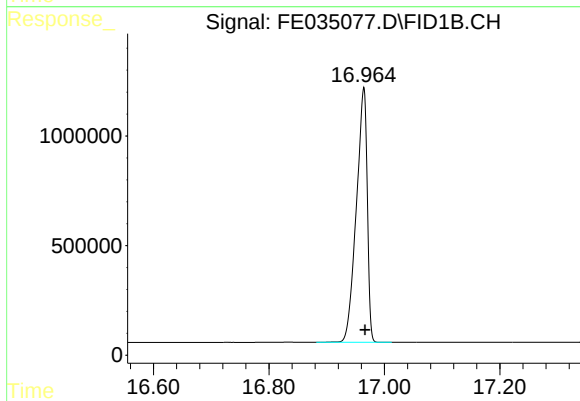
#14 n-Tetracosane (C24)

R.T.: 15.002 min
Delta R.T.: -0.002 min
Response: 16320037
Conc: 18.86 ug/ml



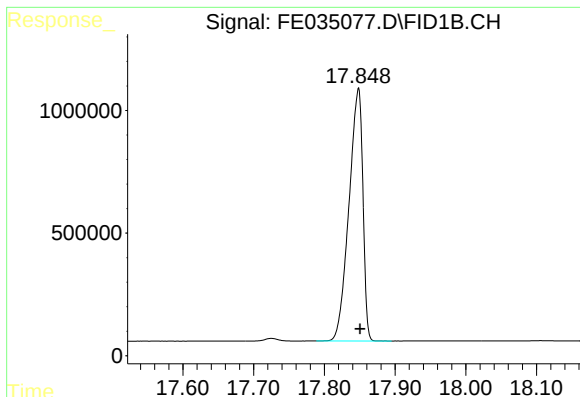
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.001 min
Response: 15915913
Conc: 18.88 ug/ml



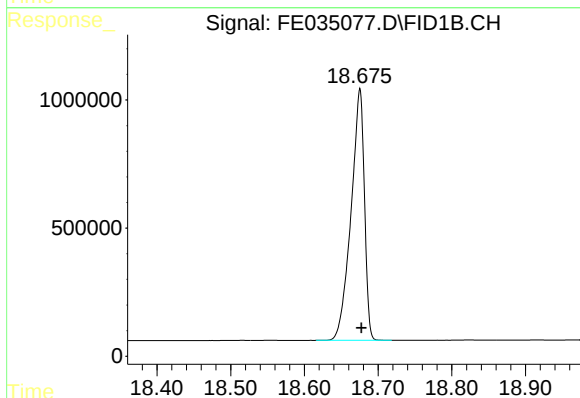
#16 n-Octacosane (C28)

R.T.: 16.964 min
Delta R.T.: -0.002 min
Response: 15233316
Conc: 18.89 ug/ml



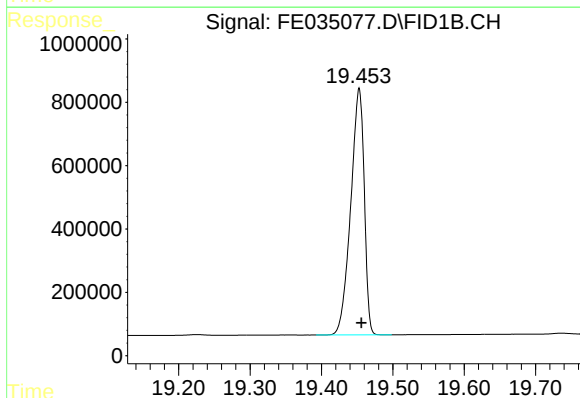
#17 n-Tricontane (C30)

R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 14060342
Conc: 18.81 ug/ml



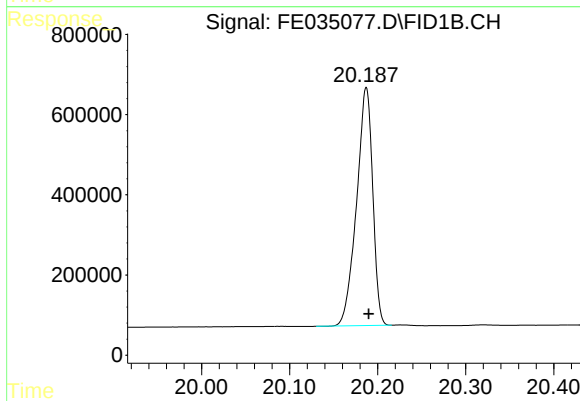
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.002 min
Response: 12366596
Conc: 18.76 ug/ml



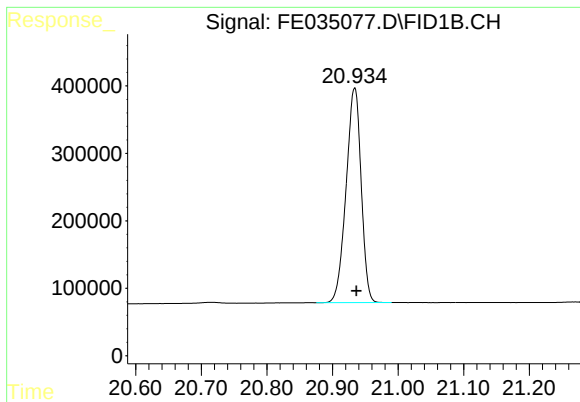
#19 n-Tetratriacontane (C34)

R.T.: 19.453 min
Delta R.T.: -0.003 min
Response: 10237470
Conc: 18.72 ug/ml



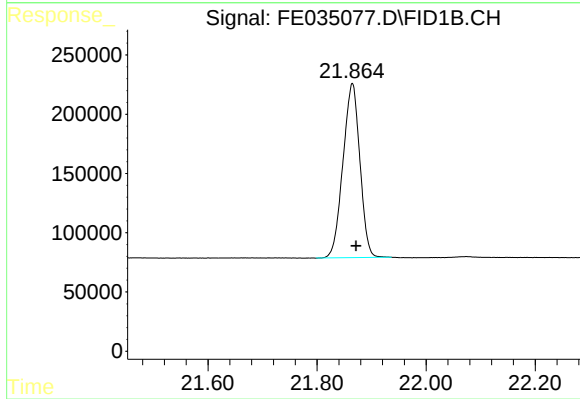
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: -0.003 min
Response: 7566175
Conc: 18.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.003 min
Response: 5076154
Conc: 18.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.007 min
Response: 3161706
Conc: 18.34 ug/ml