

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051221AL\
 Data File : FE033786.D
 Signal(s) : FID1B.CH
 Acq On : 12 May 2021 15:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 13 01:42:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 050521.M
 Quant Title : GC Extractables
 QLast Update : Thu May 06 01:55:32 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)	11.631	9127153	20.030 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.064	7259386	20.387 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.425	8119826	20.796 ug/ml
2) T n-Decane (C10)	4.465	8170563	20.753 ug/ml
3) T A~Naphthalene (C11.7)	6.039	9088054	20.623 ug/ml
4) T n-Dodecane (C12)	6.469	8351971	20.814 ug/ml
5) T A~2-methylnaphthalene...	7.095	9319632	20.628 ug/ml
6) T n-Tetradecane (C14)	8.265	8356614	20.641 ug/ml
7) T n-Hexadecane (C16)	9.867	8488817	21.050 ug/ml
8) T n-Octadecane (C18)	11.309	8613352	20.387 ug/ml
10) T n-Eicosane (C20)	12.619	8665727	20.241 ug/ml
11) T n-Heneicosane (C21)	13.231	8782853	20.506 ug/ml
13) T n-Docosane (C22)	13.818	8746828	20.337 ug/ml
14) T n-Tetracosane (C24)	14.921	8758837	20.243 ug/ml
15) T n-Hexacosane (C26)	15.943	8802935	20.382 ug/ml
16) T n-Octacosane (C28)	16.893	8514307	19.600 ug/ml
17) T n-Tricontane (C30)	17.781	8736195	20.087 ug/ml
18) T n-Dotriacontane (C32)	18.616	8566523	20.073 ug/ml
19) T n-Tetratriacontane (C34)	19.399	7993655	19.166 ug/ml
20) T n-Hexatriacontane (C36)	20.140	7599615	19.254 ug/ml
21) T n-Octatriacontane (C38)	20.882	7052786	19.615 ug/ml
22) T n-Tetracontane (C40)	21.806	6603447	18.923 ug/ml

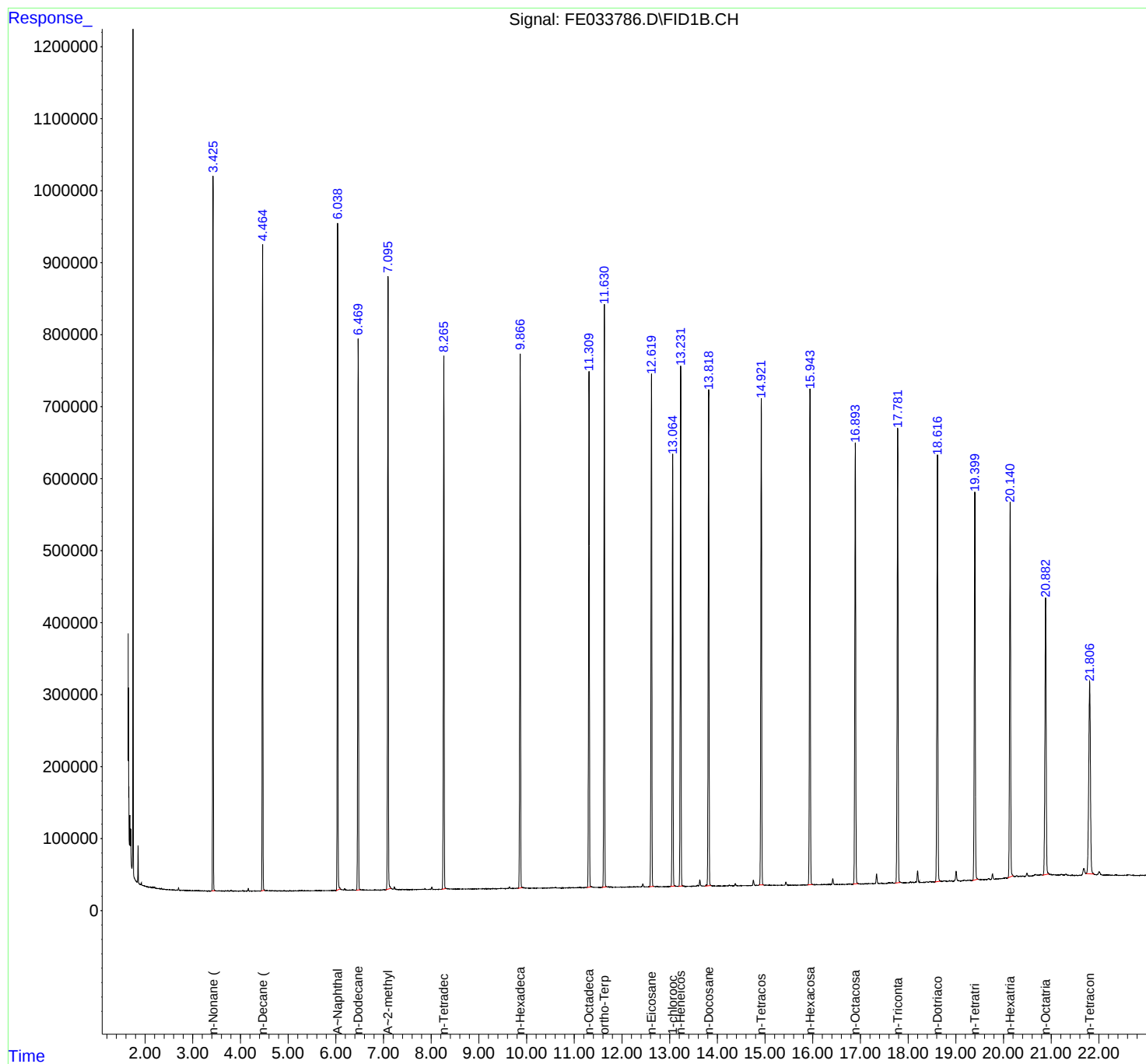
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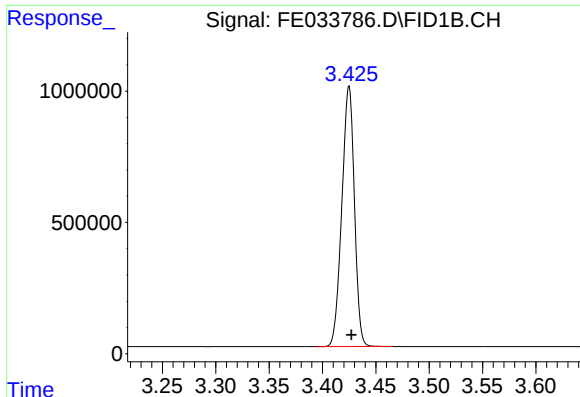
(m)=manual int.

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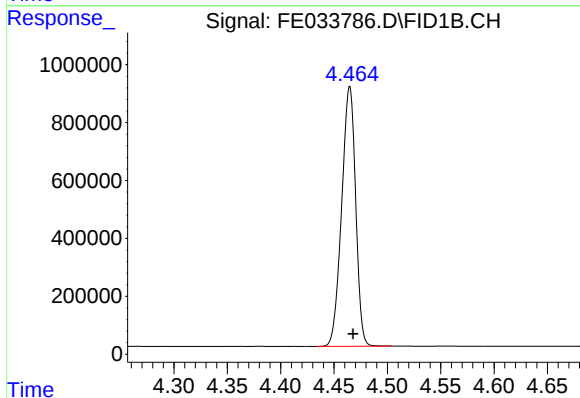
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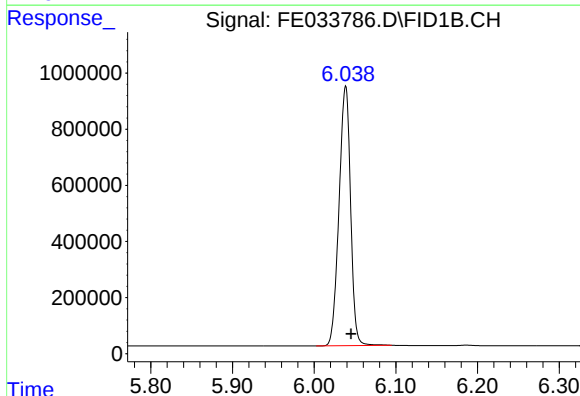
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: -0.002 min
Response: 8119826
Conc: 20.80 ug/ml



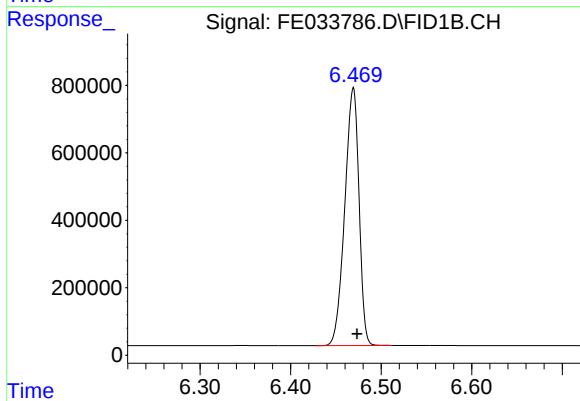
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 8170563
Conc: 20.75 ug/ml



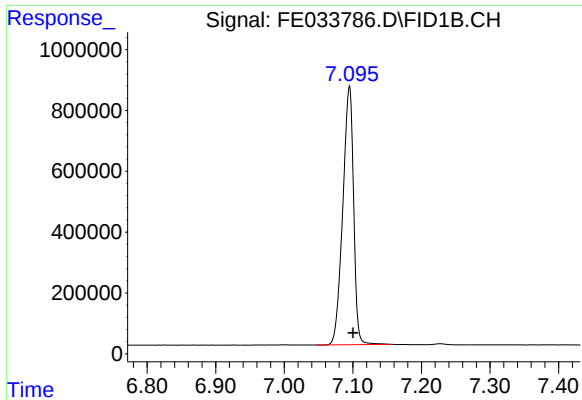
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 9088054
Conc: 20.62 ug/ml



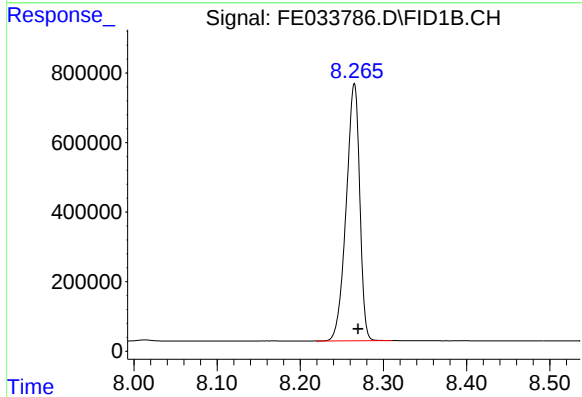
#4 n-Dodecane (C12)

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 8351971
Conc: 20.81 ug/ml



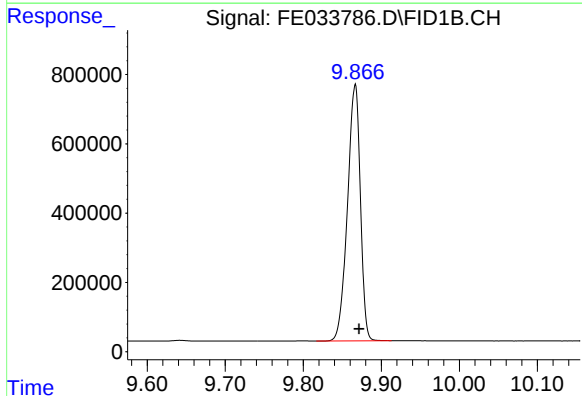
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.006 min
Response: 9319632
Conc: 20.63 ug/ml



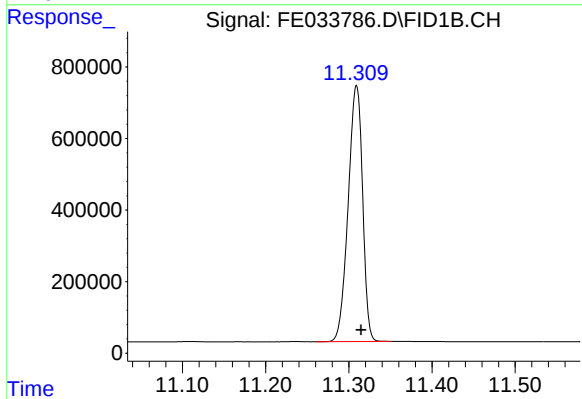
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: -0.004 min
Response: 8356614
Conc: 20.64 ug/ml



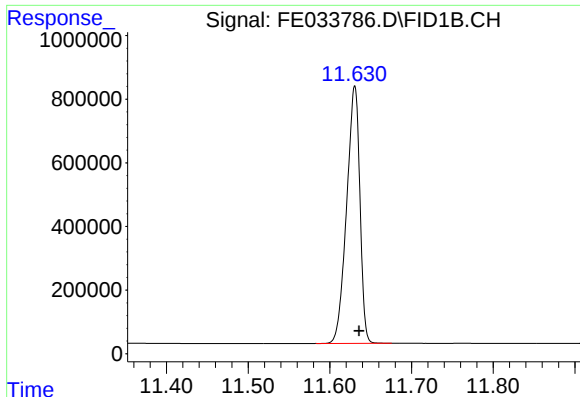
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.005 min
Response: 8488817
Conc: 21.05 ug/ml



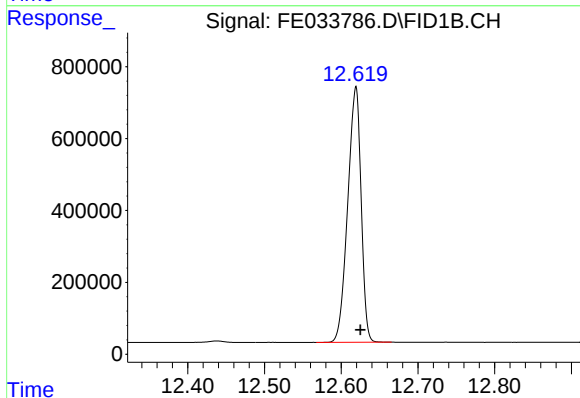
#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: -0.005 min
Response: 8613352
Conc: 20.39 ug/ml



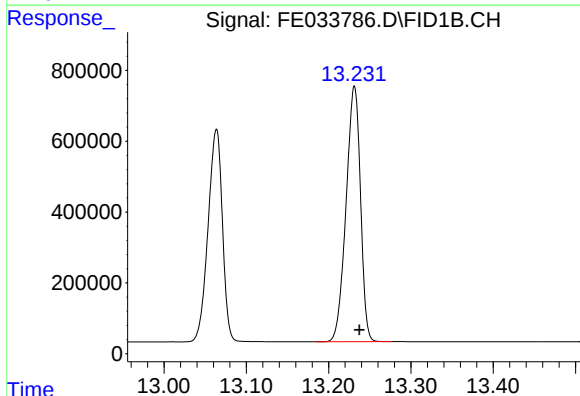
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.005 min
Response: 9127153
Conc: 20.03 ug/ml



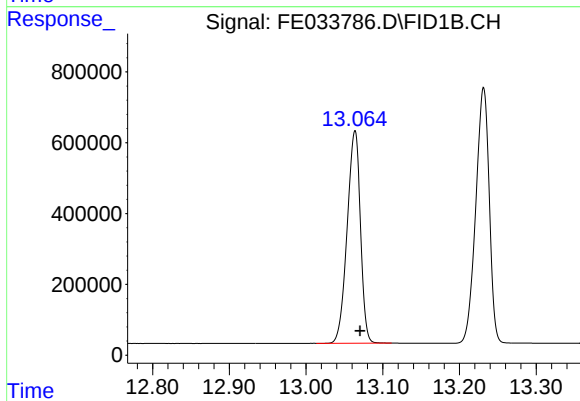
#10 n-Eicosane (C20)

R.T.: 12.619 min
Delta R.T.: -0.006 min
Response: 8665727
Conc: 20.24 ug/ml



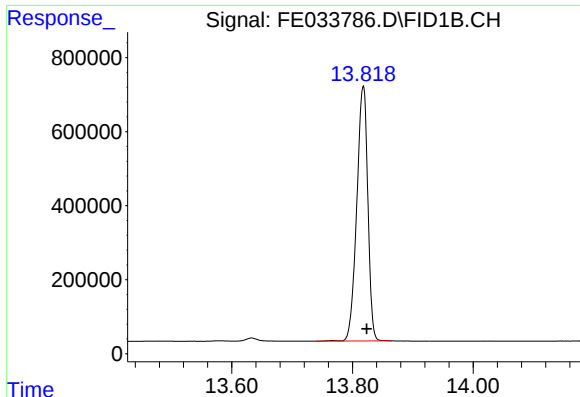
#11 n-Heneicosane (C21)

R.T.: 13.231 min
Delta R.T.: -0.006 min
Response: 8782853
Conc: 20.51 ug/ml



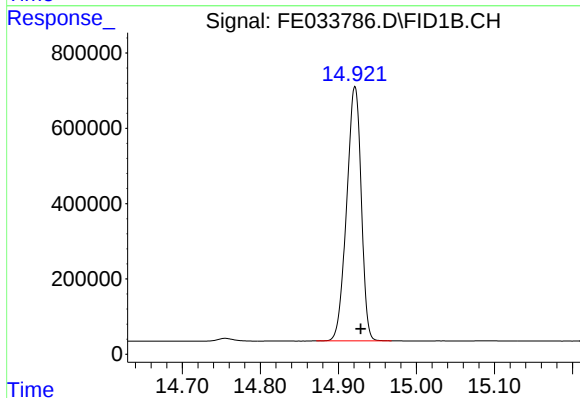
#12 1-chlorooctadecane (SURR)

R.T.: 13.064 min
Delta R.T.: -0.006 min
Response: 7259386
Conc: 20.39 ug/ml



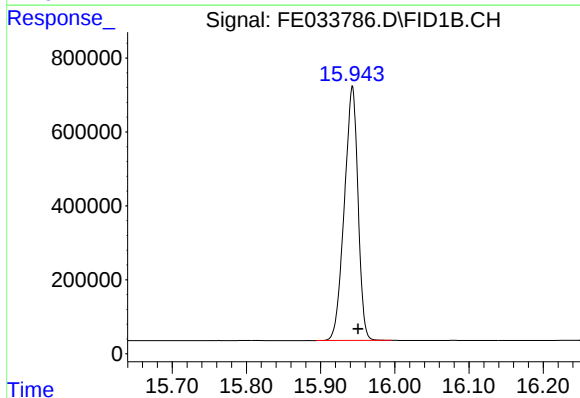
#13 n-Docosane (C22)

R.T.: 13.818 min
Delta R.T.: -0.006 min
Response: 8746828
Conc: 20.34 ug/ml



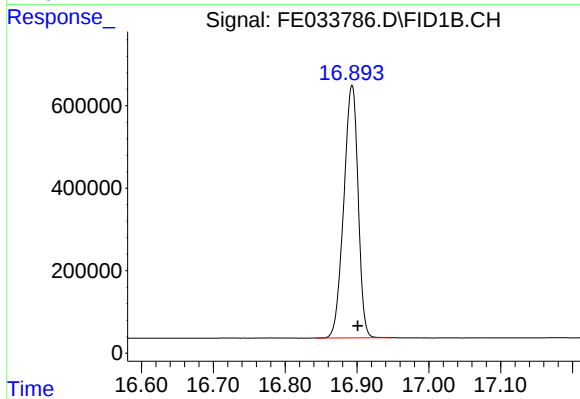
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: -0.007 min
Response: 8758837
Conc: 20.24 ug/ml



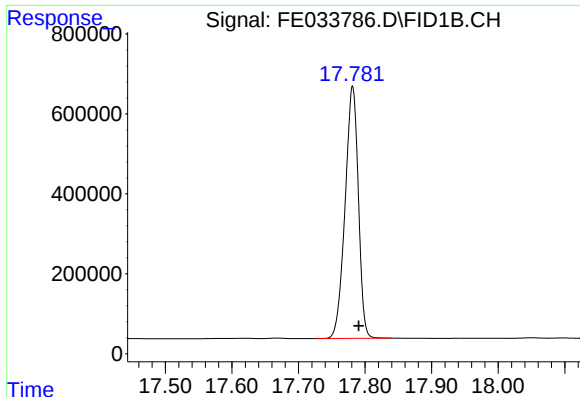
#15 n-Hexacosane (C26)

R.T.: 15.943 min
Delta R.T.: -0.008 min
Response: 8802935
Conc: 20.38 ug/ml



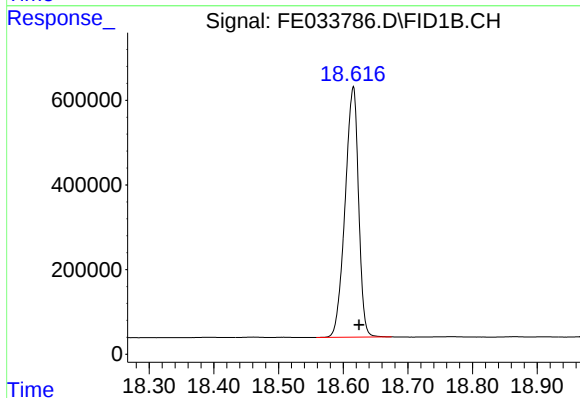
#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: -0.008 min
Response: 8514307
Conc: 19.60 ug/ml



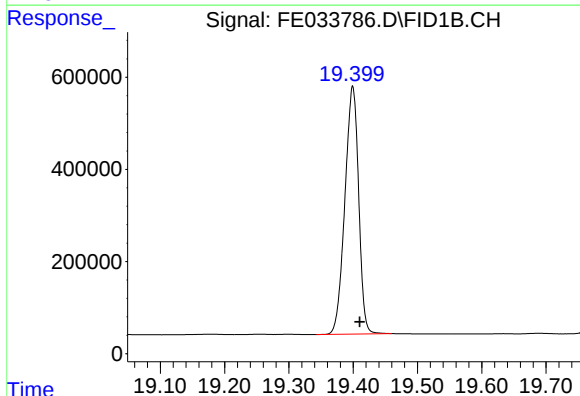
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: -0.009 min
Response: 8736195
Conc: 20.09 ug/ml



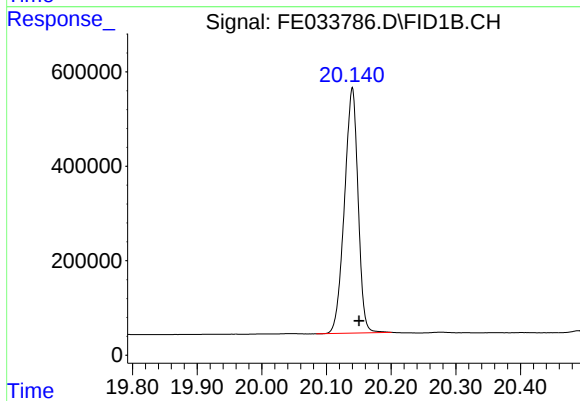
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.009 min
Response: 8566523
Conc: 20.07 ug/ml



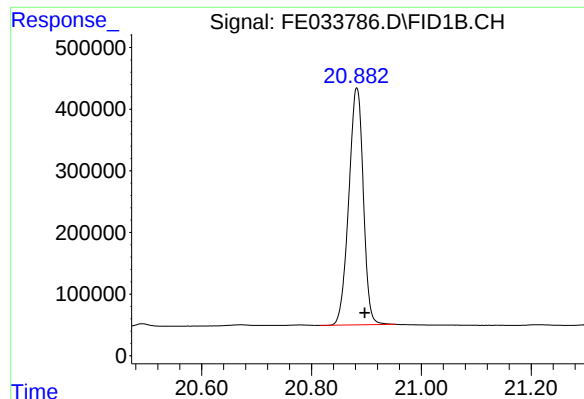
#19 n-Tetratriacontane (C34)

R.T.: 19.399 min
Delta R.T.: -0.011 min
Response: 7993655
Conc: 19.17 ug/ml



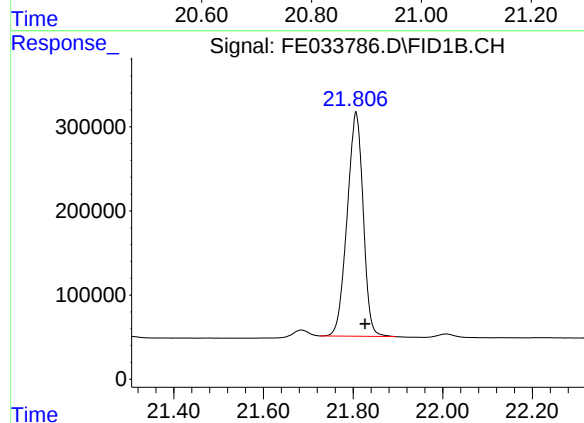
#20 n-Hexatriacontane (C36)

R.T.: 20.140 min
Delta R.T.: -0.011 min
Response: 7599615
Conc: 19.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.014 min
Response: 7052786
Conc: 19.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: -0.020 min
Response: 6603447
Conc: 18.92 ug/ml