

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035038.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 11:25
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 13:00:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021622.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 12:56:59 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)	11.765	52375910	51.728 ug/ml
Spiked Amount 50.000		Recovery =	103.46%
12) S 1-chlorooctadecane (S...	13.178	40996159	52.033 ug/ml
Spiked Amount 50.000		Recovery =	104.07%
Target Compounds			
1) T n-Nonane (C9)	3.646	44761187	52.444 ug/ml
2) T n-Decane (C10)	4.636	46081002	52.599 ug/ml
3) T A~Naphthalene (C11.7)	6.192	49736629	51.809 ug/ml
4) T n-Dodecane (C12)	6.609	47154404	51.800 ug/ml
5) T A~2-methylnaphthalene...	7.244	50417515	51.945 ug/ml
6) T n-Tetradecane (C14)	8.394	47471203	51.883 ug/ml
7) T n-Hexadecane (C16)	9.990	47842951	51.755 ug/ml
8) T n-Octadecane (C18)	11.432	48221510	51.713 ug/ml
10) T n-Eicosane (C20)	12.733	47757661	51.740 ug/ml
11) T n-Heneicosane (C21)	13.345	47791174	51.783 ug/ml
13) T n-Docosane (C22)	13.929	47580944	51.830 ug/ml
14) T n-Tetracosane (C24)	15.026	46619413	51.690 ug/ml
15) T n-Hexacosane (C26)	16.043	44435789	51.687 ug/ml
16) T n-Octacosane (C28)	16.987	40761638	51.447 ug/ml
17) T n-Tricontane (C30)	17.868	35180036	50.902 ug/ml
18) T n-Dotriacontane (C32)	18.692	27605120	50.517 ug/ml
19) T n-Tetratriacontane (C34)	19.466	19444998	50.622 ug/ml
20) T n-Hexatriacontane (C36)	20.196	12256737	51.095 ug/ml
21) T n-Octatriacontane (C38)	20.941	7377395	51.544 ug/ml
22) T n-Tetracontane (C40)	21.871	4781351	52.560 ug/ml

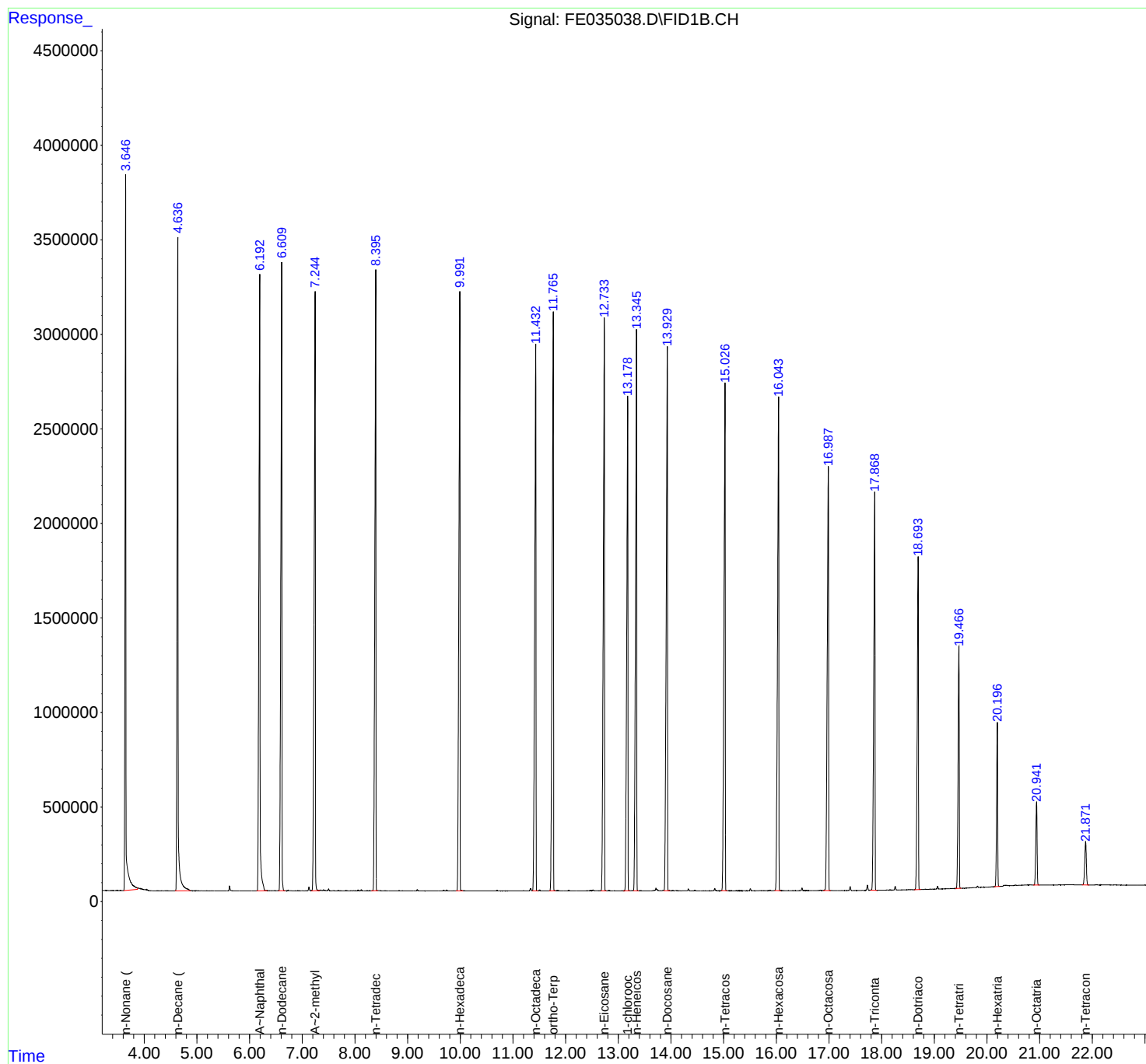
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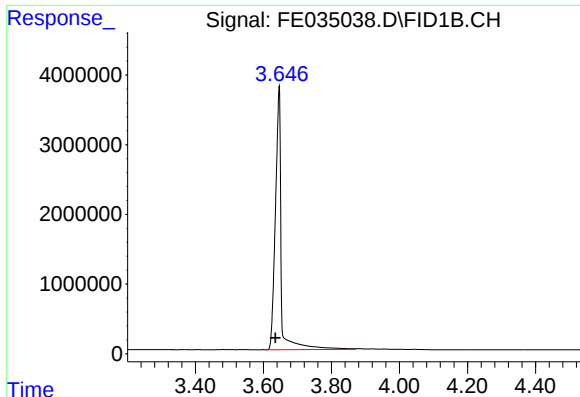
(m)=manual int.

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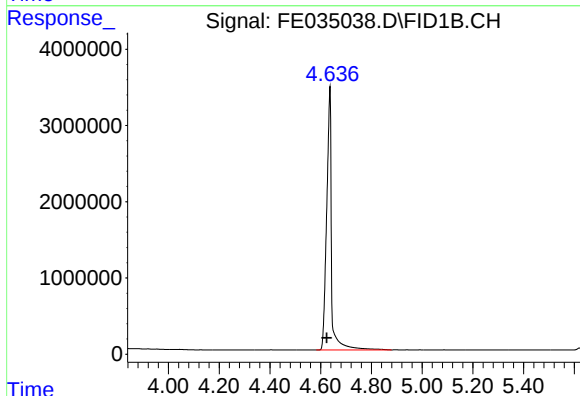
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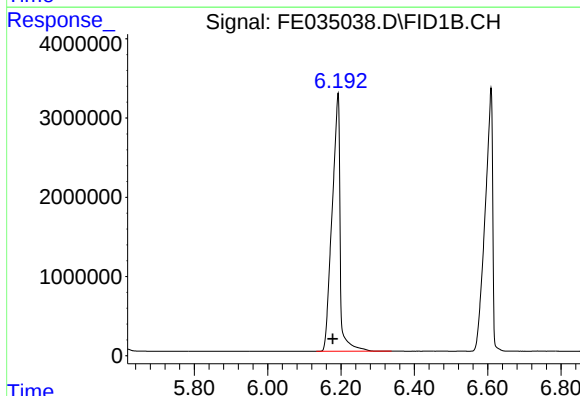
#1 n-Nonane (C9)

R.T.: 3.646 min
Delta R.T.: 0.011 min
Response: 44761187
Conc: 52.44 ug/ml



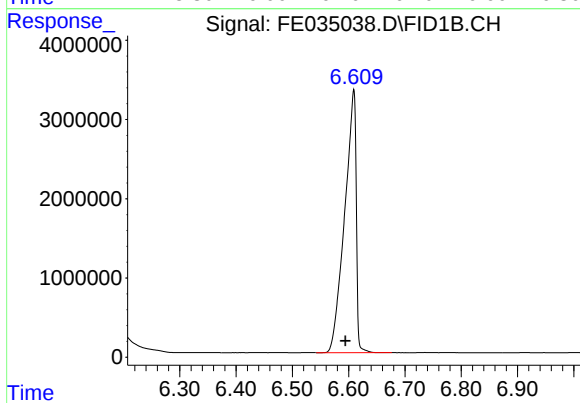
#2 n-Decane (C10)

R.T.: 4.636 min
Delta R.T.: 0.013 min
Response: 46081002
Conc: 52.60 ug/ml



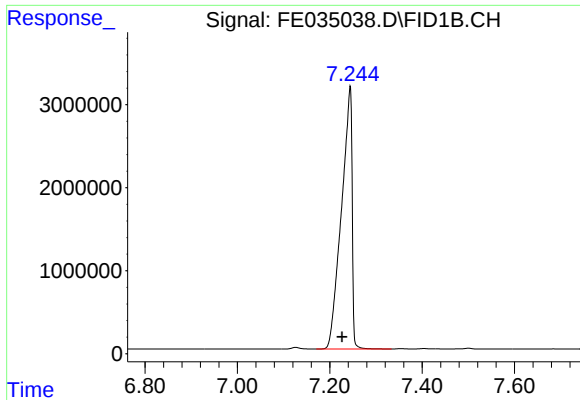
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: 0.015 min
Response: 49736629
Conc: 51.81 ug/ml



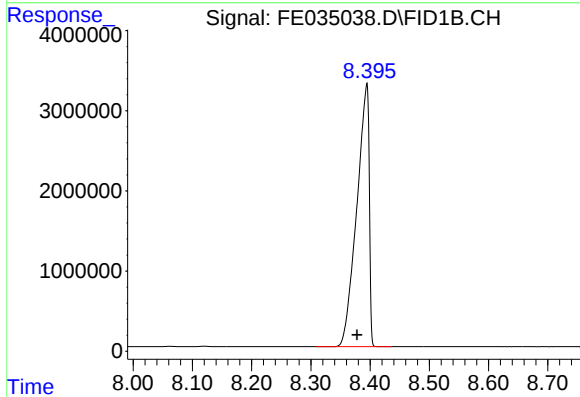
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.014 min
Response: 47154404
Conc: 51.80 ug/ml



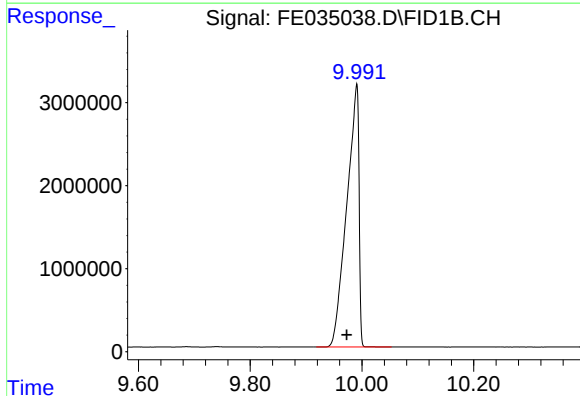
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: 0.017 min
Response: 50417515
Conc: 51.94 ug/ml



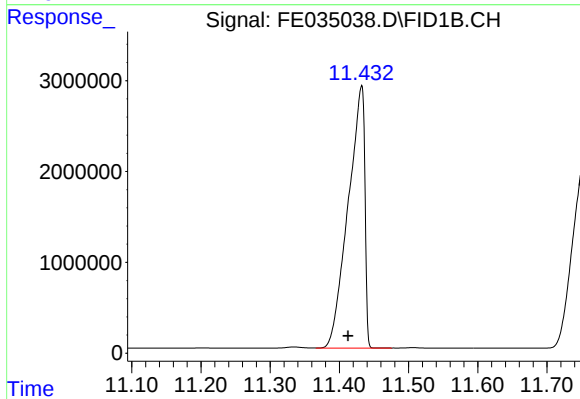
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: 0.016 min
Response: 47471203
Conc: 51.88 ug/ml



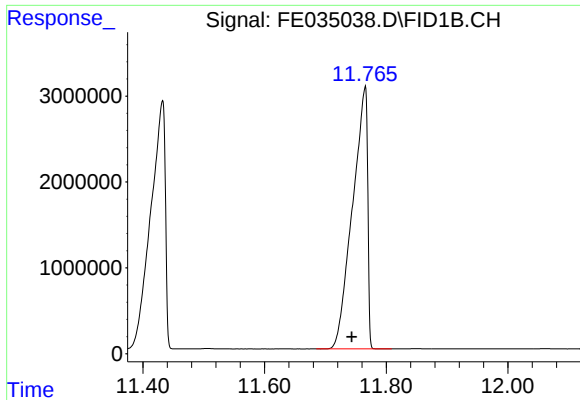
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.018 min
Response: 47842951
Conc: 51.75 ug/ml



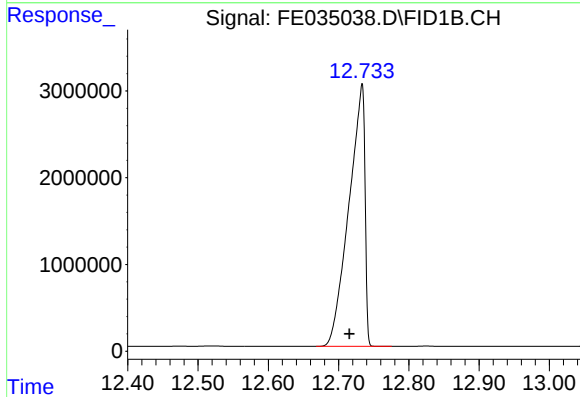
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: 0.019 min
Response: 48221510
Conc: 51.71 ug/ml



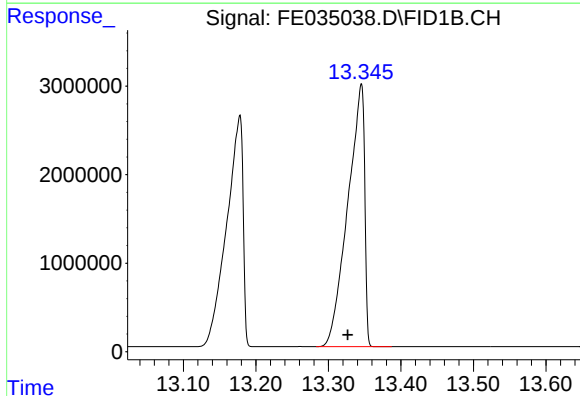
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: 0.022 min
Response: 52375910
Conc: 51.73 ug/ml



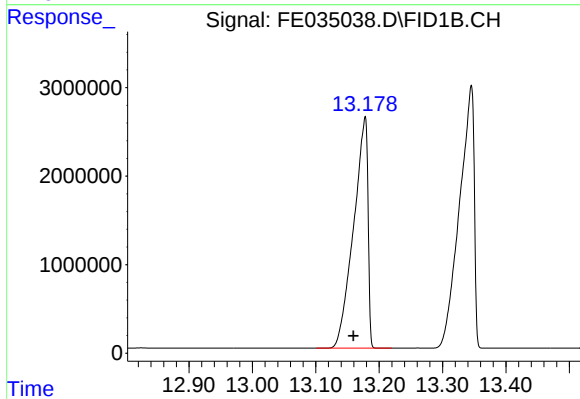
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.018 min
Response: 47757661
Conc: 51.74 ug/ml



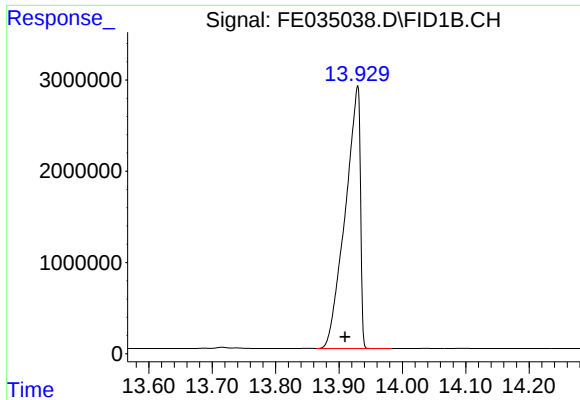
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: 0.019 min
Response: 47791174
Conc: 51.78 ug/ml



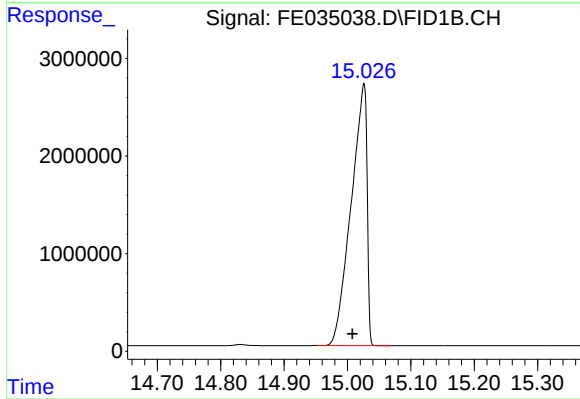
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: 0.018 min
Response: 40996159
Conc: 52.03 ug/ml



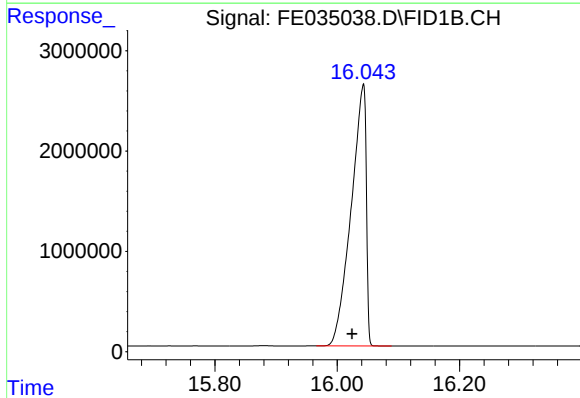
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: 0.019 min
Response: 47580944
Conc: 51.83 ug/ml



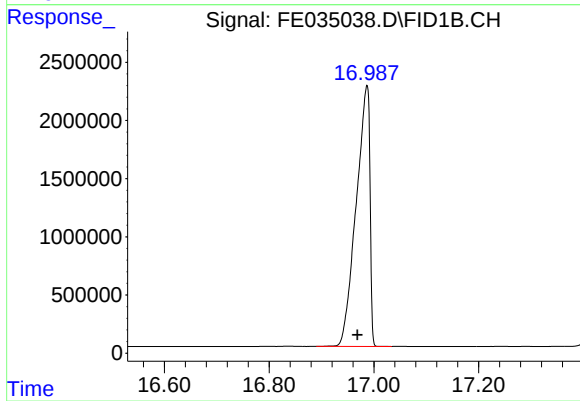
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: 0.018 min
Response: 46619413
Conc: 51.69 ug/ml



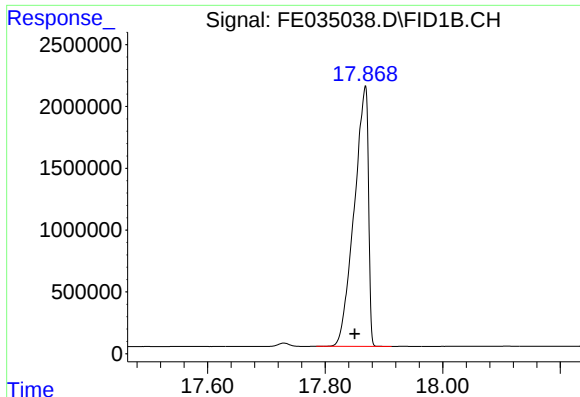
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: 0.018 min
Response: 44435789
Conc: 51.69 ug/ml



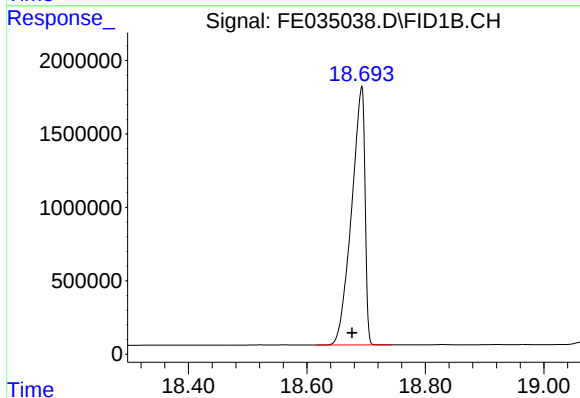
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: 0.018 min
Response: 40761638
Conc: 51.45 ug/ml



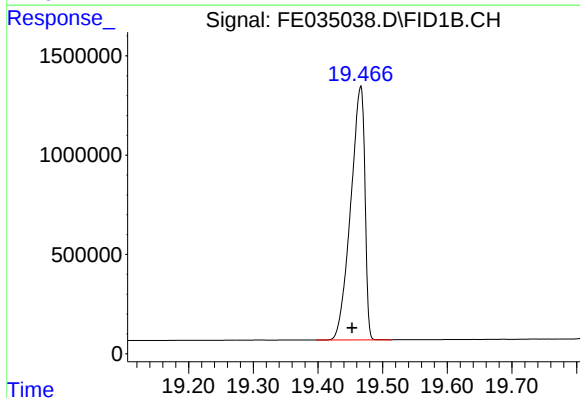
#17 n-Tricontane (C30)

R.T.: 17.868 min
Delta R.T.: 0.018 min
Response: 35180036
Conc: 50.90 ug/ml



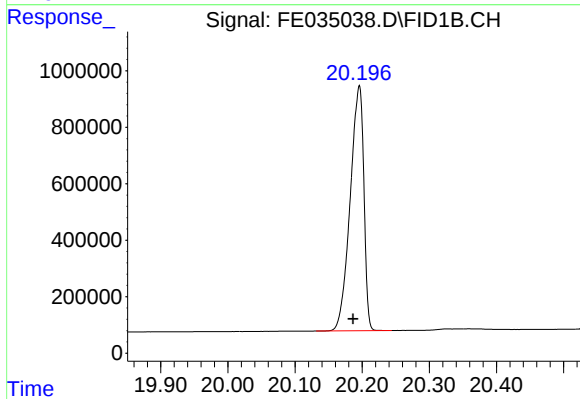
#18 n-Dotriacontane (C32)

R.T.: 18.692 min
Delta R.T.: 0.016 min
Response: 27605120
Conc: 50.52 ug/ml



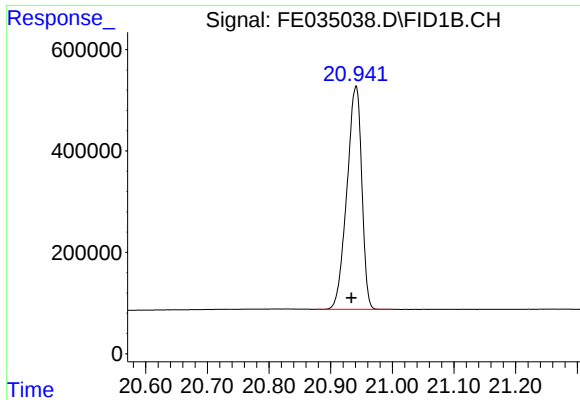
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.013 min
Response: 19444998
Conc: 50.62 ug/ml



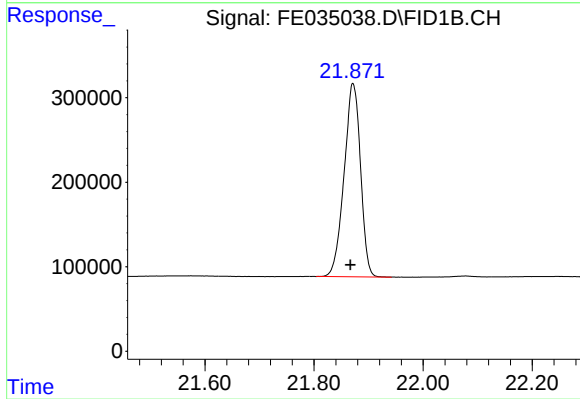
#20 n-Hexatriacontane (C36)

R.T.: 20.196 min
Delta R.T.: 0.009 min
Response: 12256737
Conc: 51.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: 0.007 min
Response: 7377395
Conc: 51.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: 0.004 min
Response: 4781351
Conc: 52.56 ug/ml