

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035040.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 12:29
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 13:00:37 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)	11.735	9942918	9.820 ug/ml
Spiked Amount 50.000		Recovery =	19.64%
12) S 1-chlorooctadecane (S...	13.152	7687233	9.757 ug/ml
Spiked Amount 50.000		Recovery =	19.51%
Target Compounds			
1) T n-Nonane (C9)	3.631	8212641	9.622 ug/ml
2) T n-Decane (C10)	4.619	8521135	9.726 ug/ml
3) T A~Naphthalene (C11.7)	6.171	9413438	9.806 ug/ml
4) T n-Dodecane (C12)	6.588	8936668	9.817 ug/ml
5) T A~2-methylnaphthalene...	7.218	9500347	9.788 ug/ml
6) T n-Tetradecane (C14)	8.371	8941567	9.773 ug/ml
7) T n-Hexadecane (C16)	9.965	9047408	9.787 ug/ml
8) T n-Octadecane (C18)	11.404	9150317	9.813 ug/ml
10) T n-Eicosane (C20)	12.706	9049836	9.804 ug/ml
11) T n-Heneicosane (C21)	13.317	9041106	9.796 ug/ml
13) T n-Docosane (C22)	13.900	8974051	9.775 ug/ml
14) T n-Tetracosane (C24)	14.998	8794508	9.751 ug/ml
15) T n-Hexacosane (C26)	16.013	8380961	9.749 ug/ml
16) T n-Octacosane (C28)	16.959	7727018	9.753 ug/ml
17) T n-Tricontane (C30)	17.841	6814933	9.861 ug/ml
18) T n-Dotriacontane (C32)	18.669	5422744	9.924 ug/ml
19) T n-Tetratriacontane (C34)	19.448	3823914	9.955 ug/ml
20) T n-Hexatriacontane (C36)	20.181	2383722	9.937 ug/ml
21) T n-Octatriacontane (C38)	20.931	1423583	9.946 ug/ml
22) T n-Tetracontane (C40)	21.863	899969	9.893 ug/ml

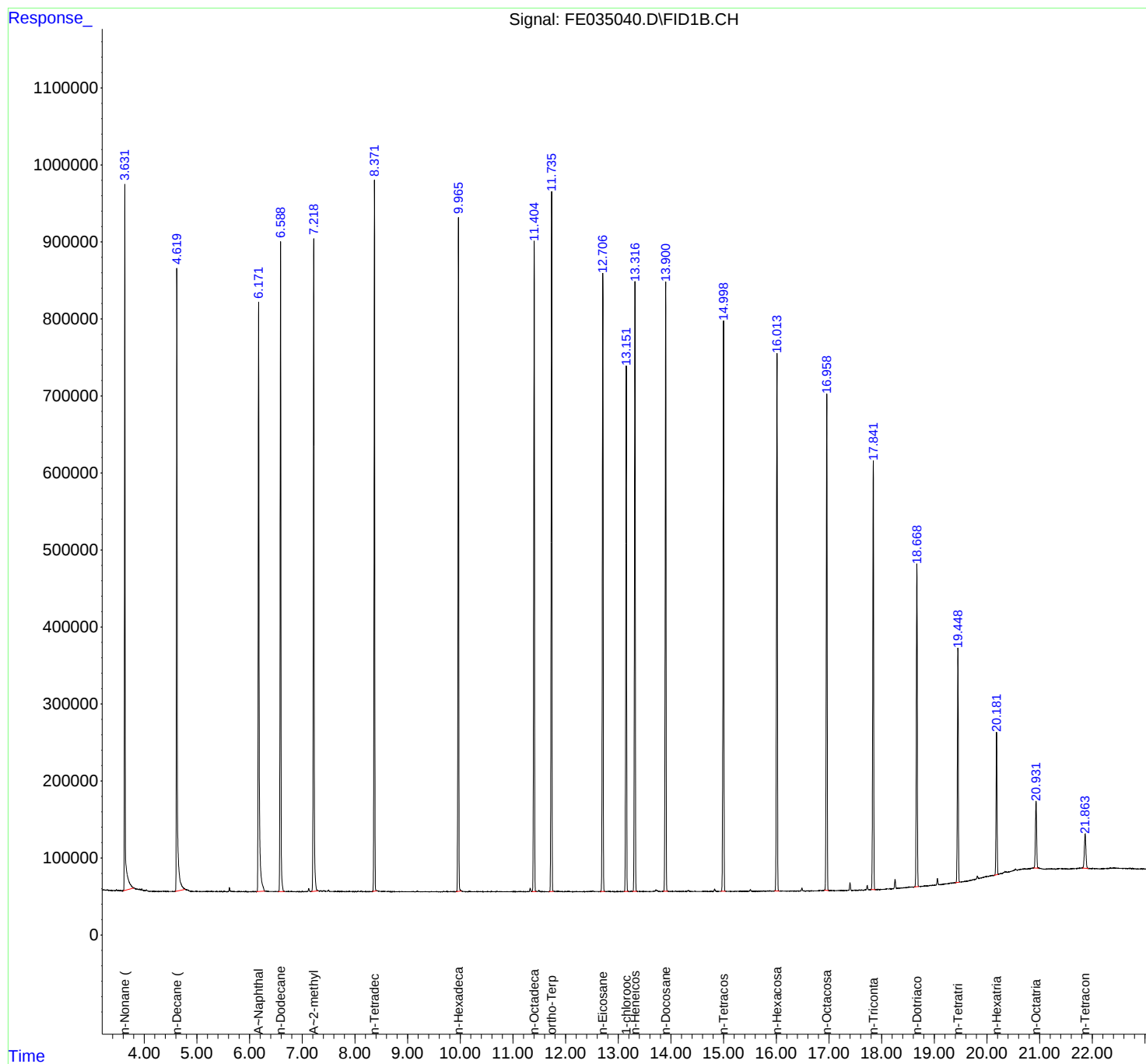
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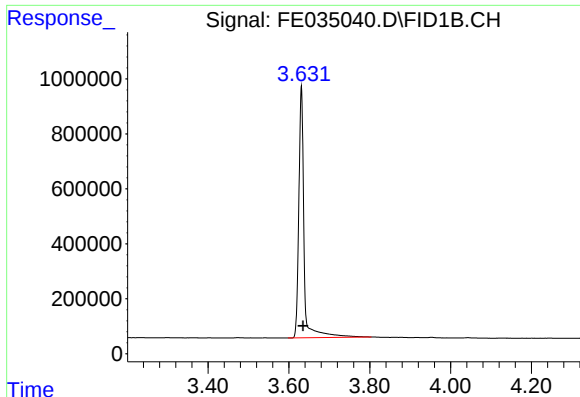
(m)=manual int.

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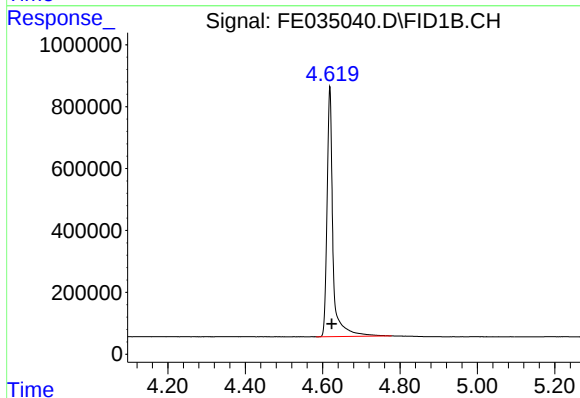
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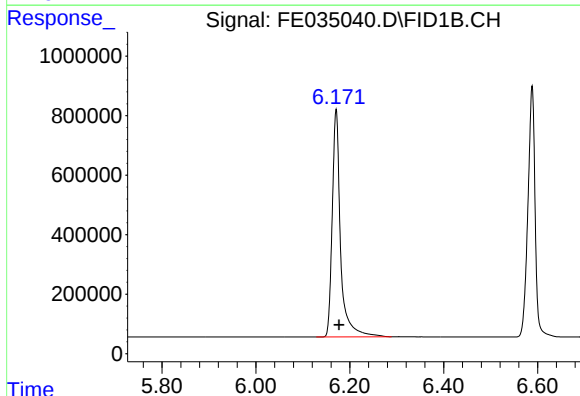
#1 n-Nonane (C9)

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 8212641
Conc: 9.62 ug/ml



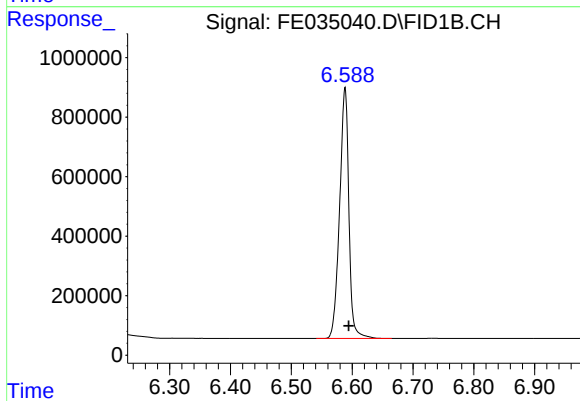
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: -0.005 min
Response: 8521135
Conc: 9.73 ug/ml



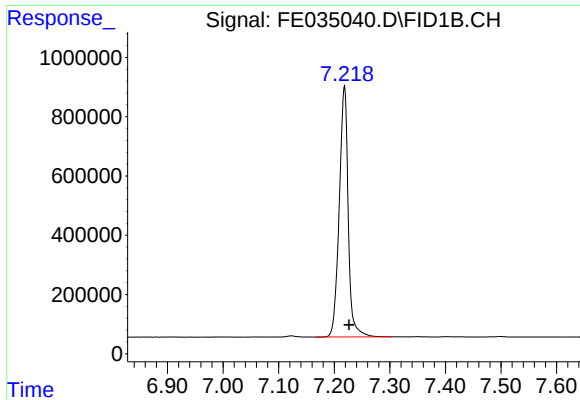
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 9413438
Conc: 9.81 ug/ml



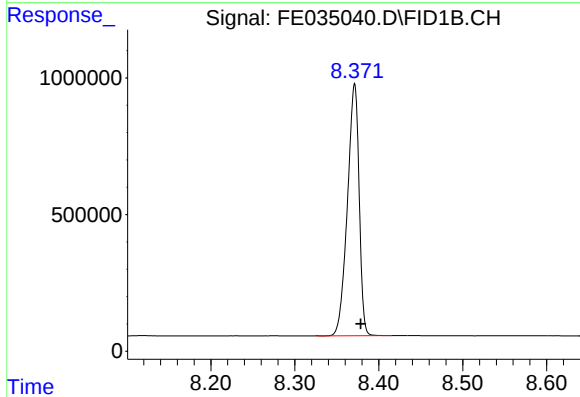
#4 n-Dodecane (C12)

R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 8936668
Conc: 9.82 ug/ml



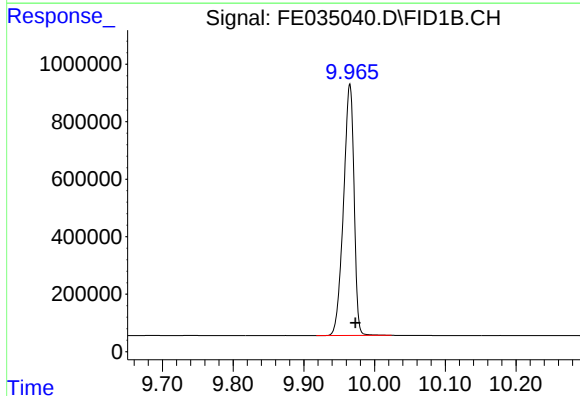
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.218 min
Delta R.T.: -0.008 min
Response: 9500347
Conc: 9.79 ug/ml



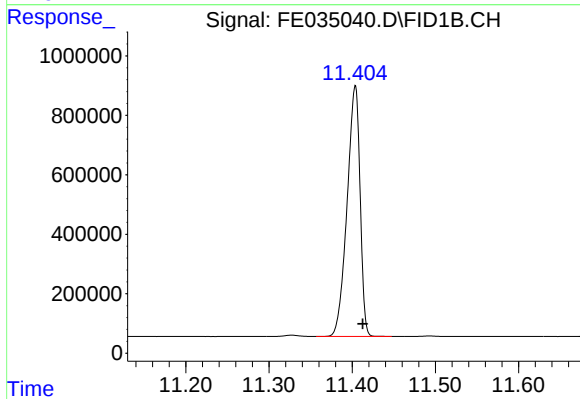
#6 n-Tetradecane (C14)

R.T.: 8.371 min
Delta R.T.: -0.007 min
Response: 8941567
Conc: 9.77 ug/ml



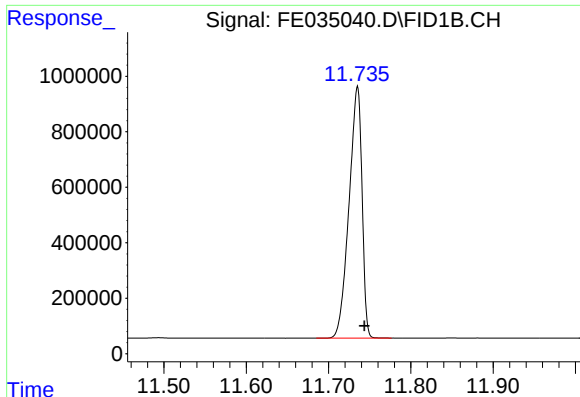
#7 n-Hexadecane (C16)

R.T.: 9.965 min
Delta R.T.: -0.008 min
Response: 9047408
Conc: 9.79 ug/ml



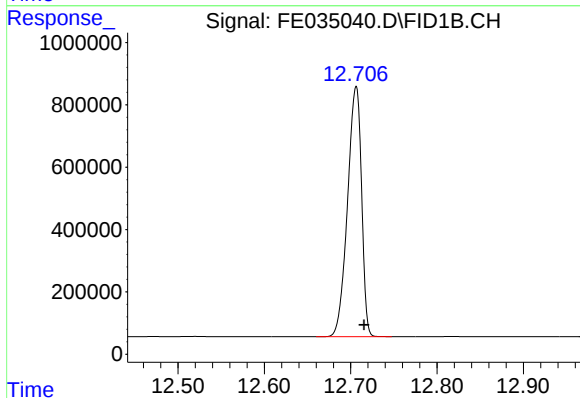
#8 n-Octadecane (C18)

R.T.: 11.404 min
Delta R.T.: -0.009 min
Response: 9150317
Conc: 9.81 ug/ml



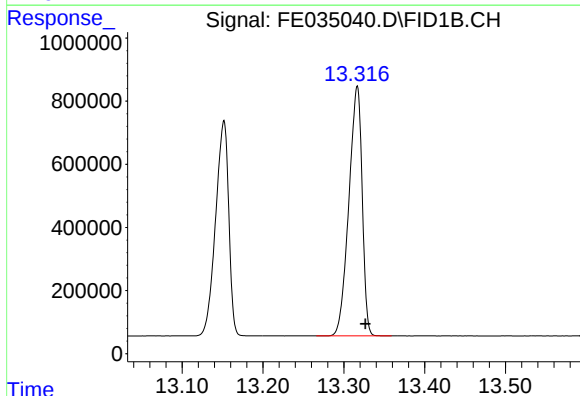
#9 ortho-Terphenyl (SURR)

R.T.: 11.735 min
Delta R.T.: -0.008 min
Response: 9942918
Conc: 9.82 ug/ml



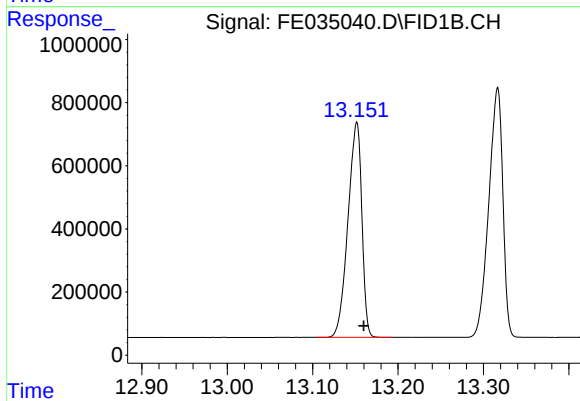
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: -0.009 min
Response: 9049836
Conc: 9.80 ug/ml



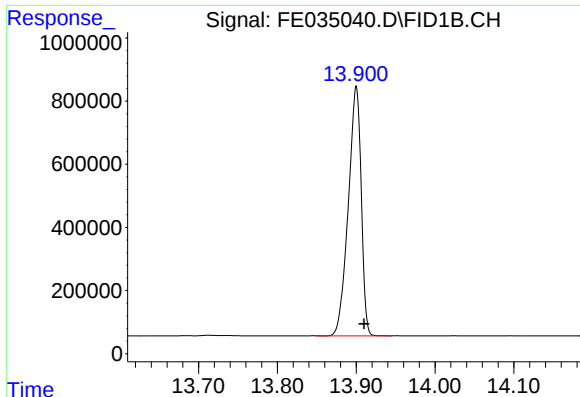
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: -0.010 min
Response: 9041106
Conc: 9.80 ug/ml



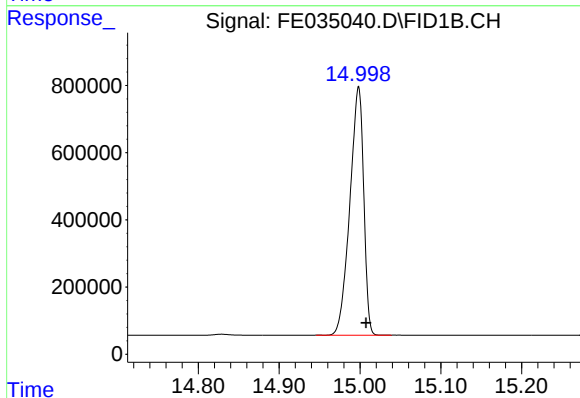
#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: -0.008 min
Response: 7687233
Conc: 9.76 ug/ml



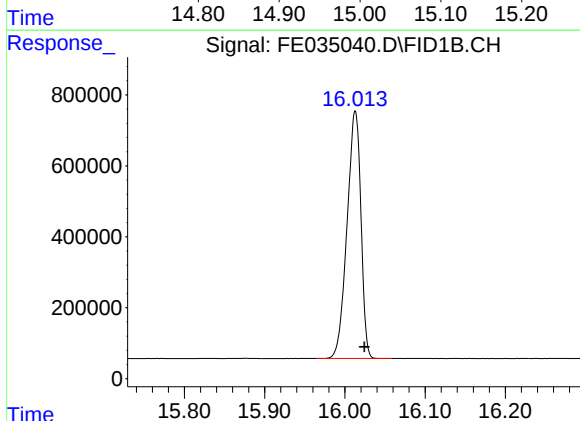
#13 n-Docosane (C22)

R.T.: 13.900 min
Delta R.T.: -0.010 min
Response: 8974051
Conc: 9.78 ug/ml



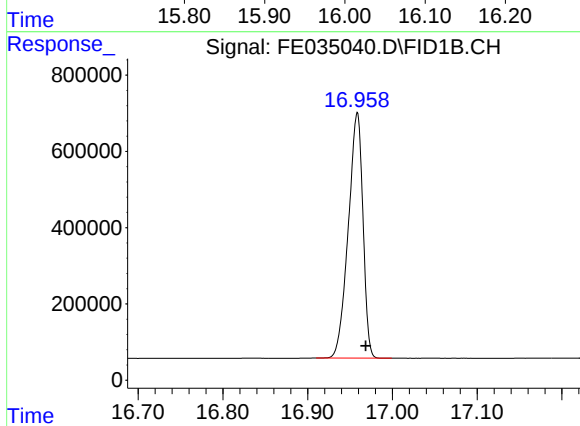
#14 n-Tetracosane (C24)

R.T.: 14.998 min
Delta R.T.: -0.009 min
Response: 8794508
Conc: 9.75 ug/ml



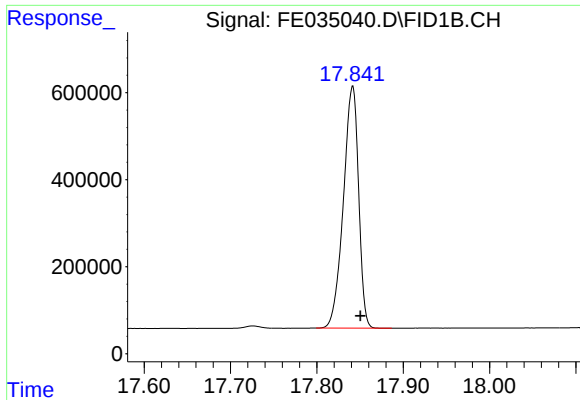
#15 n-Hexacosane (C26)

R.T.: 16.013 min
Delta R.T.: -0.011 min
Response: 8380961
Conc: 9.75 ug/ml



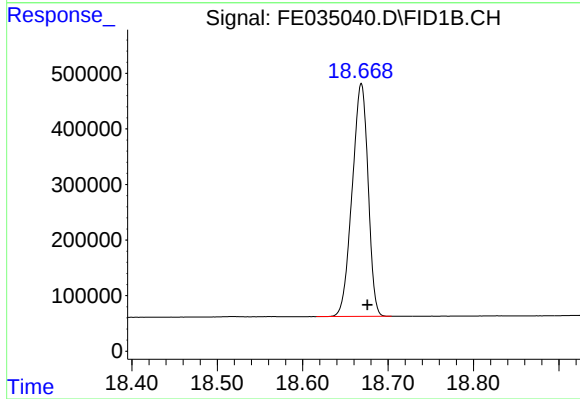
#16 n-Octacosane (C28)

R.T.: 16.959 min
Delta R.T.: -0.010 min
Response: 7727018
Conc: 9.75 ug/ml



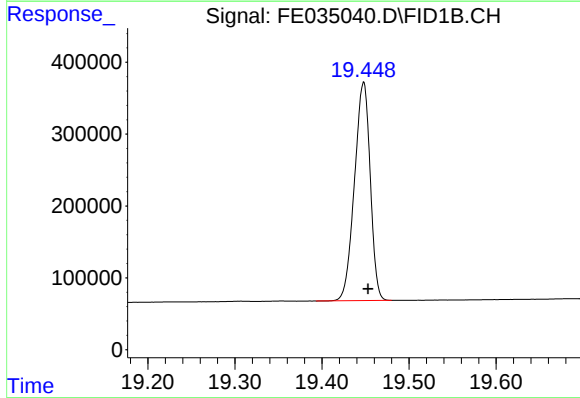
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.009 min
Response: 6814933
Conc: 9.86 ug/ml



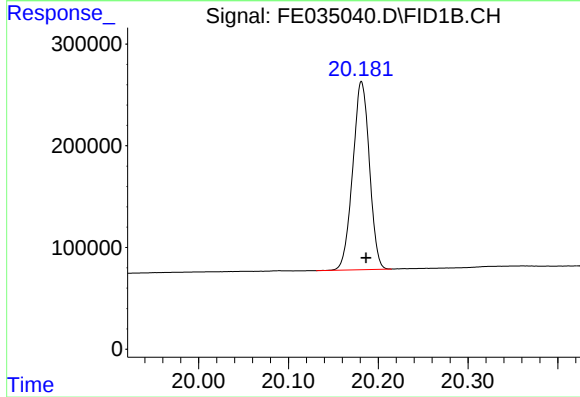
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: -0.007 min
Response: 5422744
Conc: 9.92 ug/ml



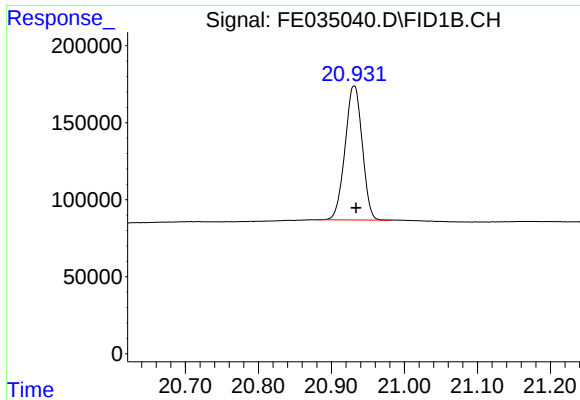
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: -0.005 min
Response: 3823914
Conc: 9.95 ug/ml



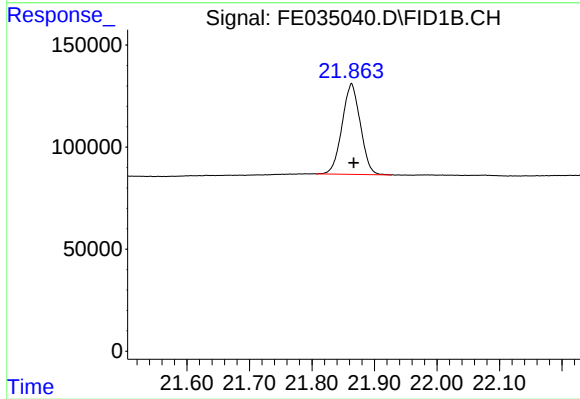
#20 n-Hexatriacontane (C36)

R.T.: 20.181 min
Delta R.T.: -0.005 min
Response: 2383722
Conc: 9.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.003 min
Response: 1423583
Conc: 9.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.003 min
Response: 899969
Conc: 9.89 ug/ml