

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010920AL\
 Data File : FC045263.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2020 23:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 10 00:38:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.758	2313023	20.394 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.179	1790390	20.079 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
Target Compounds			
1) T n-Nonane (C9)	3.513	2158050	21.432 ug/ml
2) T n-Decane (C10)	4.586	2190494	21.714 ug/ml
3) T A~Naphthalene (C11.7)	6.188	2433618	21.717 ug/ml
4) T n-Dodecane (C12)	6.603	2229859	21.907 ug/ml
5) T A~2-methylnaphthalene...	7.242	2450215	21.738 ug/ml
6) T n-Tetradecane (C14)	8.393	2242716	22.004 ug/ml
7) T n-Hexadecane (C16)	9.989	2250486	21.859 ug/ml
8) T n-Octadecane (C18)	11.428	2226417	21.408 ug/ml
10) T n-Eicosane (C20)	12.733	2177774	20.816 ug/ml
11) T n-Heneicosane (C21)	13.344	2148672	20.316 ug/ml
13) T n-Docosane (C22)	13.928	2126139	20.109 ug/ml
14) T n-Tetracosane (C24)	15.028	2098629	19.642 ug/ml
15) T n-Hexacosane (C26)	16.047	2092791	19.623 ug/ml
16) T n-Octacosane (C28)	16.993	2094133	19.829 ug/ml
17) T n-Tricontane (C30)	17.877	2012181	19.739 ug/ml
18) T n-Dotriacontane (C32)	18.708	1727410	19.968 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1419516	19.377 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1274799	19.398 ug/ml
21) T n-Octatriacontane (C38)	20.991	1186201	20.084 ug/ml
22) T n-Tetracontane (C40)	21.958	1166901	19.731 ug/ml

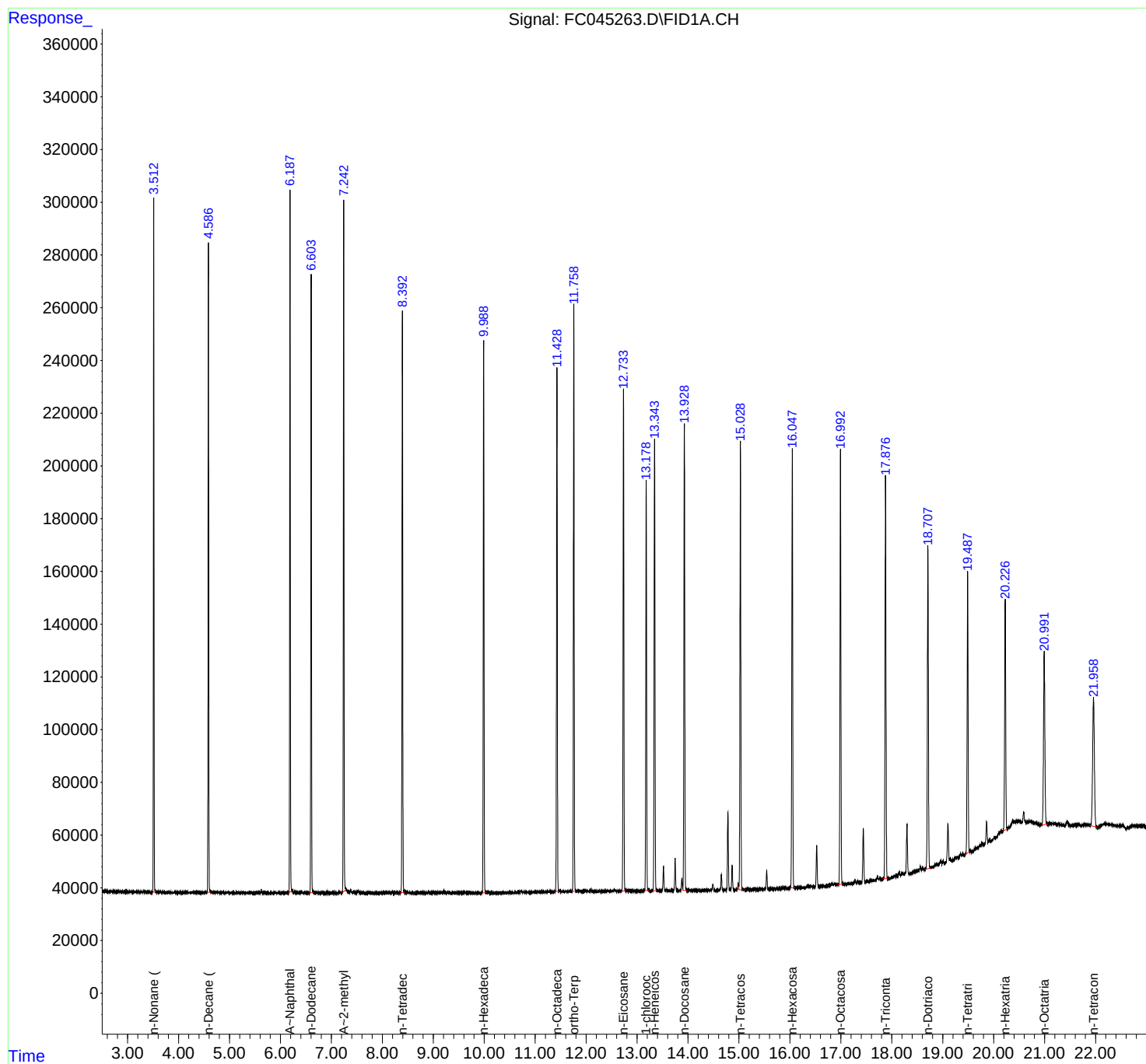
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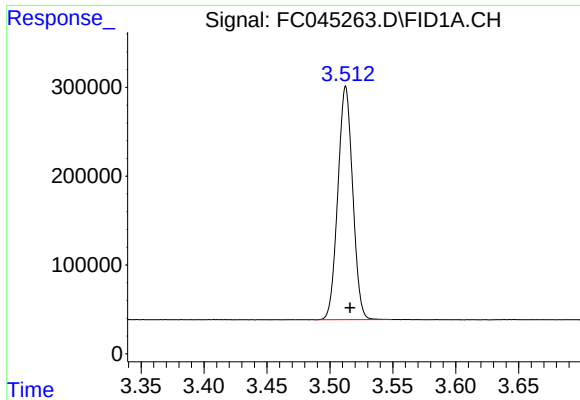
(m)=manual int.

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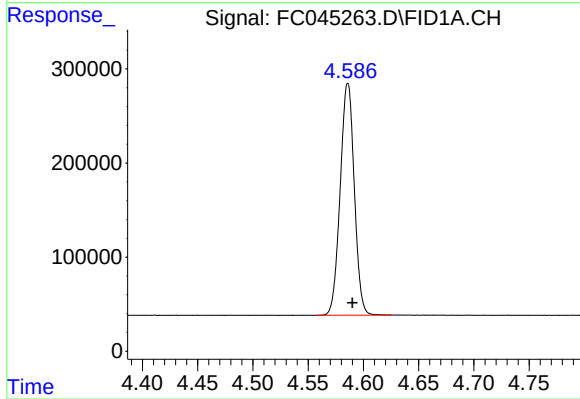
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Signal Info : 20M x 0.18mm x 0.18um





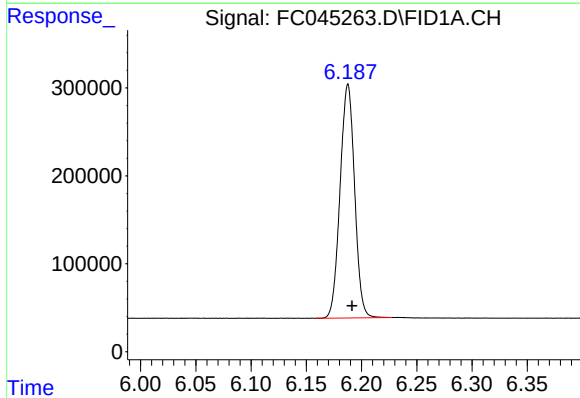
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2158050
Conc: 21.43 ug/ml



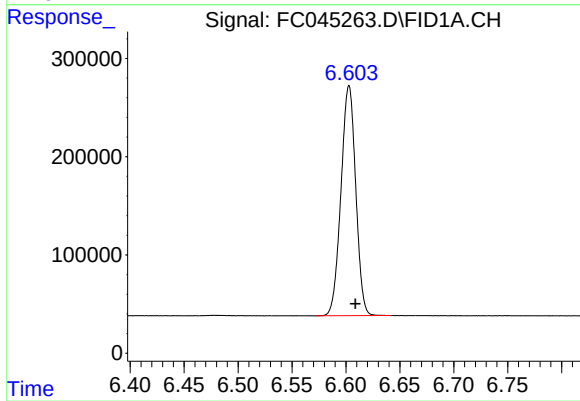
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 2190494
Conc: 21.71 ug/ml



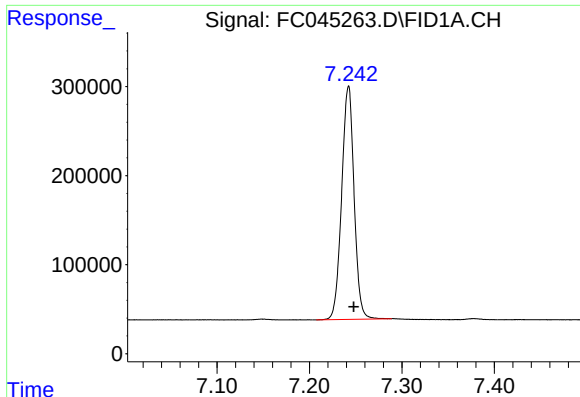
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.004 min
Response: 2433618
Conc: 21.72 ug/ml



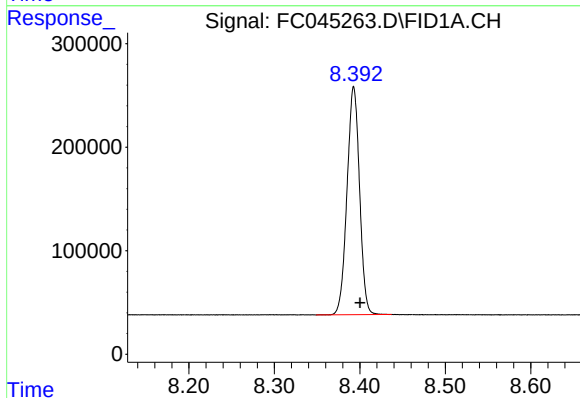
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 2229859
Conc: 21.91 ug/ml



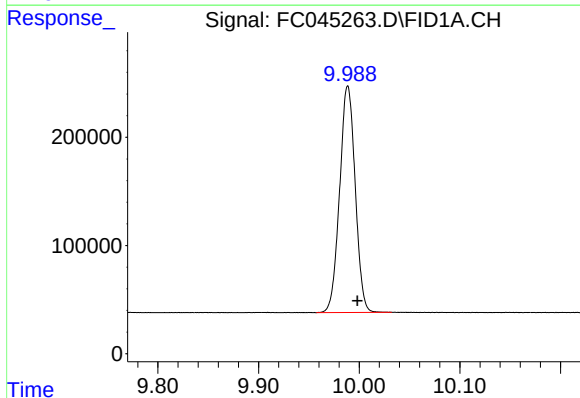
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.006 min
Response: 2450215
Conc: 21.74 ug/ml



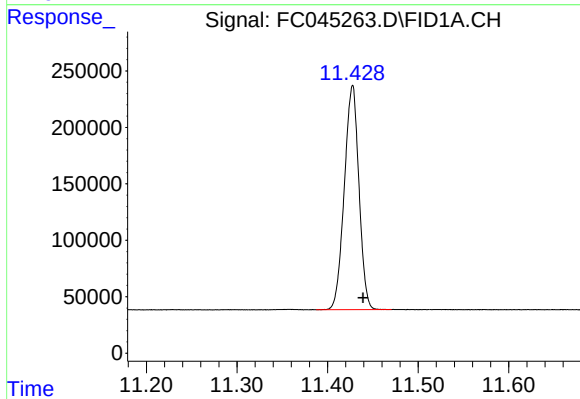
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.007 min
Response: 2242716
Conc: 22.00 ug/ml



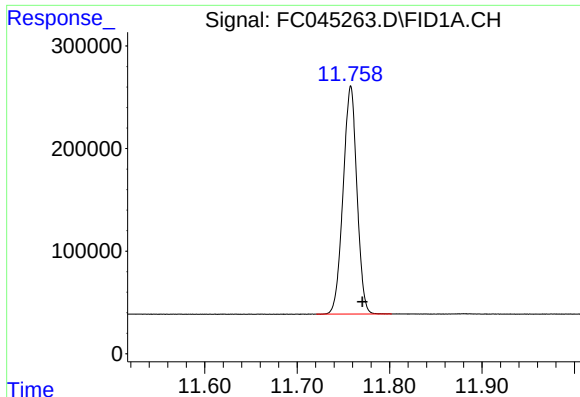
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.010 min
Response: 2250486
Conc: 21.86 ug/ml



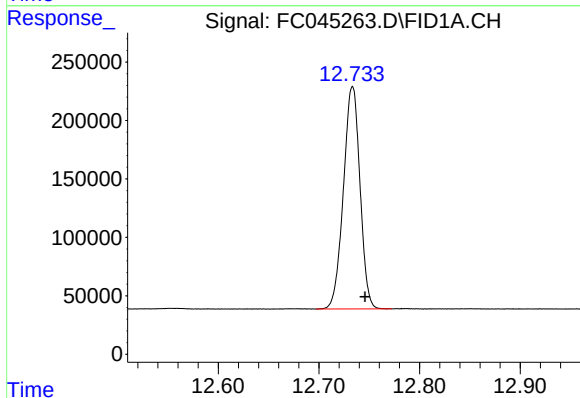
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: -0.011 min
Response: 2226417
Conc: 21.41 ug/ml



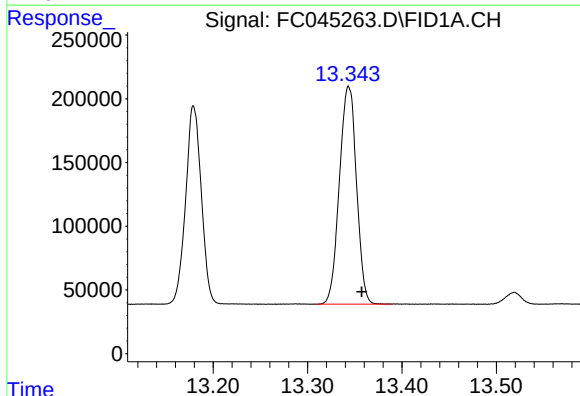
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 2313023
Conc: 20.39 ug/ml



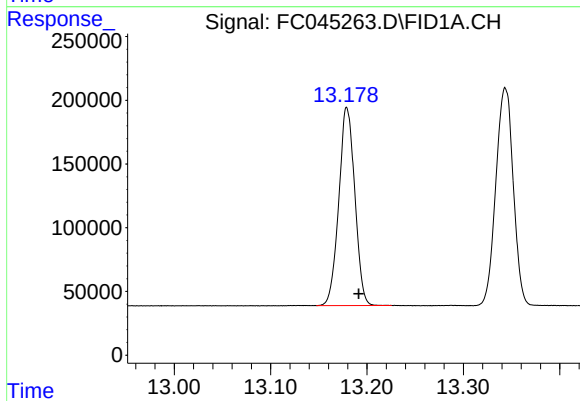
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.013 min
Response: 2177774
Conc: 20.82 ug/ml



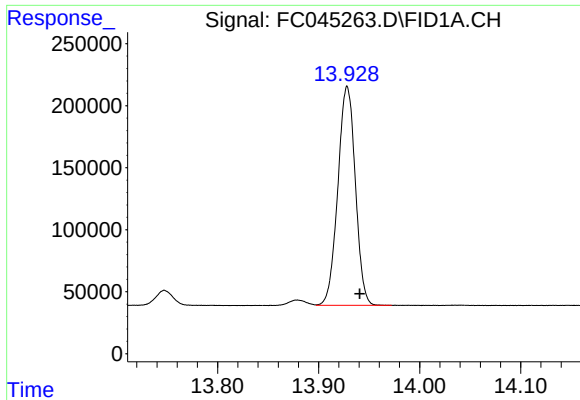
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 2148672
Conc: 20.32 ug/ml



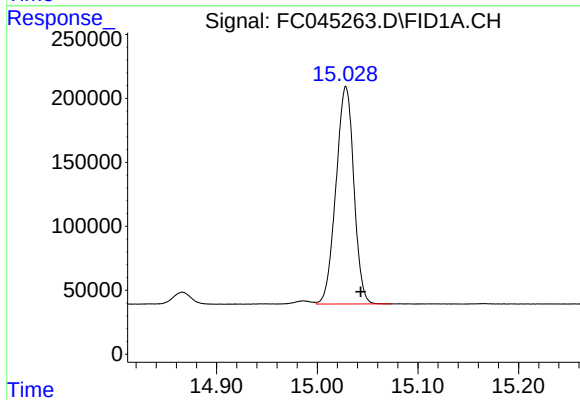
#12 1-chlorooctadecane (SURR)

R.T.: 13.179 min
Delta R.T.: -0.012 min
Response: 1790390
Conc: 20.08 ug/ml



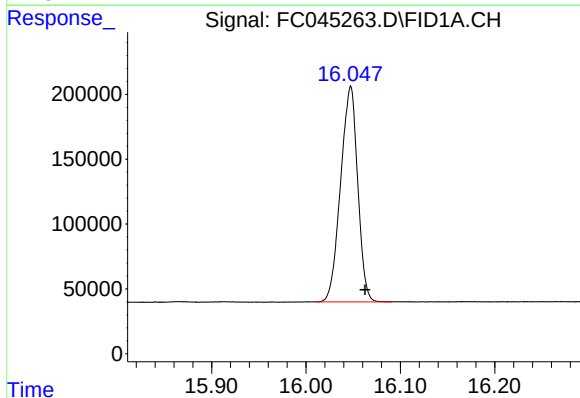
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.012 min
Response: 2126139
Conc: 20.11 ug/ml



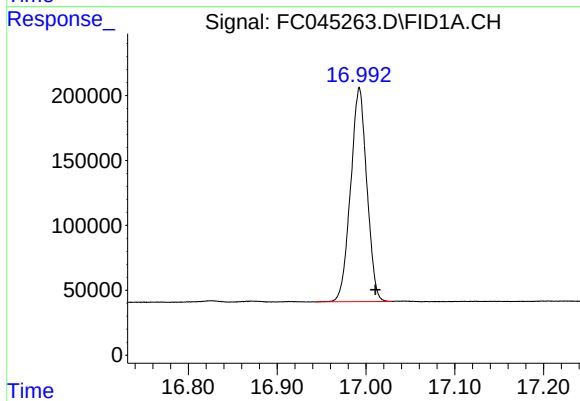
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: -0.015 min
Response: 2098629
Conc: 19.64 ug/ml



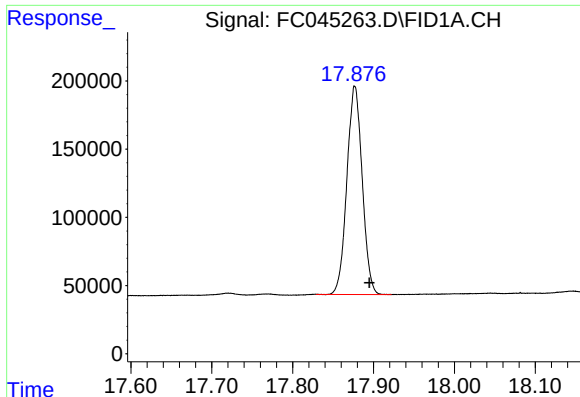
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.015 min
Response: 2092791
Conc: 19.62 ug/ml



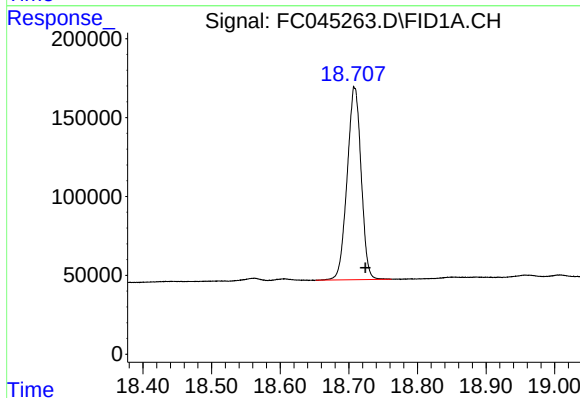
#16 n-Octacosane (C28)

R.T.: 16.993 min
Delta R.T.: -0.018 min
Response: 2094133
Conc: 19.83 ug/ml



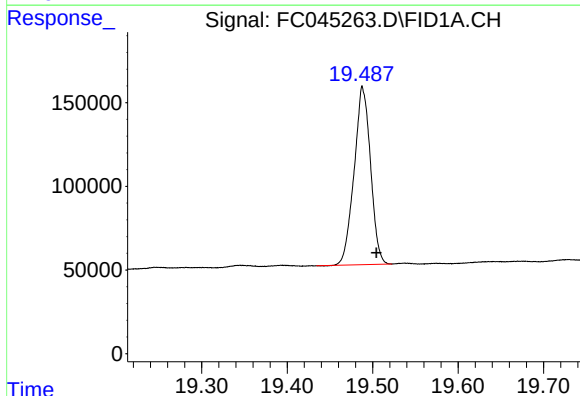
#17 n-Tricontane (C30)

R.T.: 17.877 min
Delta R.T.: -0.018 min
Response: 2012181
Conc: 19.74 ug/ml



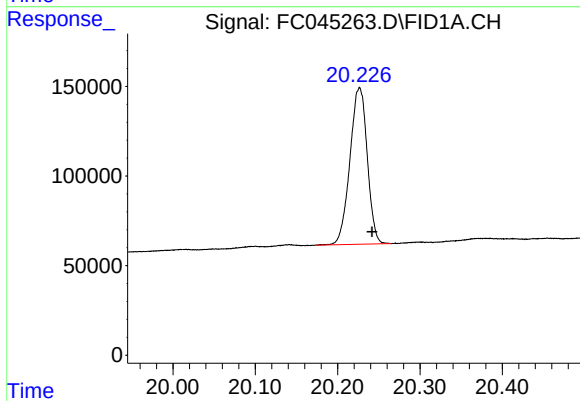
#18 n-Dotriacontane (C32)

R.T.: 18.708 min
Delta R.T.: -0.016 min
Response: 1727410
Conc: 19.97 ug/ml



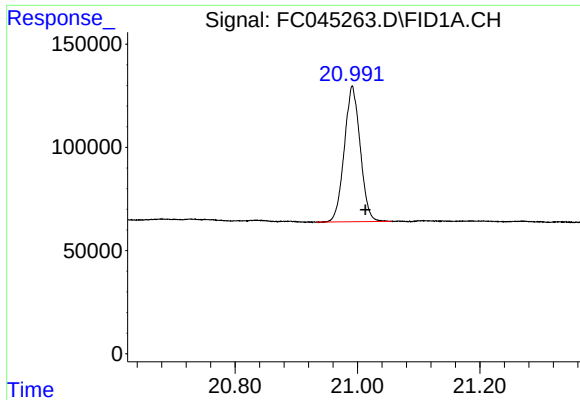
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: -0.016 min
Response: 1419516
Conc: 19.38 ug/ml



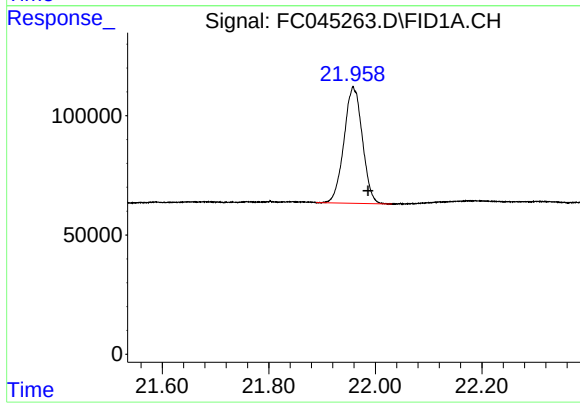
#20 n-Hexatriacontane (C36)

R.T.: 20.227 min
Delta R.T.: -0.015 min
Response: 1274799
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.022 min
Response: 1186201
Conc: 20.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.028 min
Response: 1166901
Conc: 19.73 ug/ml