

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010721AL\
 Data File : FC051640.D
 Signal(s) : FID1A.CH
 Acq On : 08 Jan 2021 4:09
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 05:38:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.556	2178642	18.798 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	12.989	1678080	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.319	2070253	20.984 ug/ml
2) T n-Decane (C10)	4.387	2114407	21.383 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2168712	20.737 ug/ml
4) T n-Dodecane (C12)	6.404	2147544	21.007 ug/ml
5) T A~2-methylnaphthalene...	7.034	2128104	20.260 ug/ml
6) T n-Tetradecane (C14)	8.197	2103352	20.735 ug/ml
7) T n-Hexadecane (C16)	9.797	2021570	20.072 ug/ml
8) T n-Octadecane (C18)	11.237	2075440	19.460 ug/ml
10) T n-Eicosane (C20)	12.545	2043443	18.975 ug/ml
11) T n-Heneicosane (C21)	13.156	2008034	18.721 ug/ml
13) T n-Docosane (C22)	13.741	2005377	18.778 ug/ml
14) T n-Tetracosane (C24)	14.844	1991676	18.817 ug/ml
15) T n-Hexacosane (C26)	15.863	1963550	18.958 ug/ml
16) T n-Octacosane (C28)	16.811	1983086	19.477 ug/ml
17) T n-Tricontane (C30)	17.698	2010258	20.413 ug/ml
18) T n-Dotriacontane (C32)	18.528	1942895	21.445 ug/ml
19) T n-Tetratriacontane (C34)	19.310	1827045	21.496 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2101506	24.784 ug/ml
21) T n-Octatriacontane (C38)	20.779	1685466	22.015 ug/ml
22) T n-Tetracontane (C40)	21.682	1667990	21.093 ug/ml

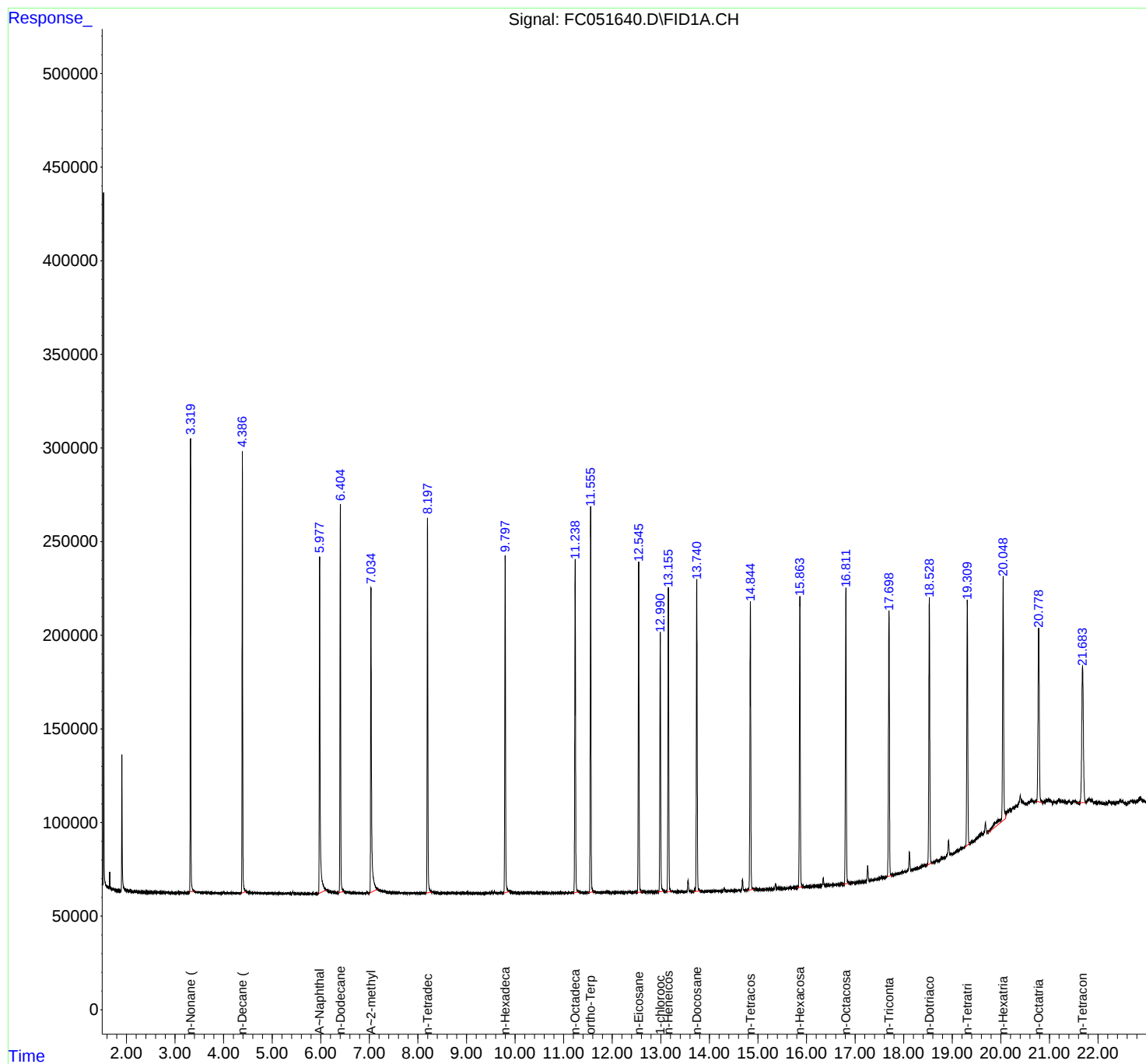
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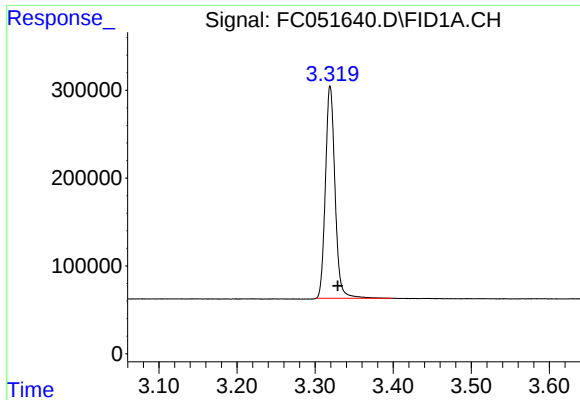
(m)=manual int.

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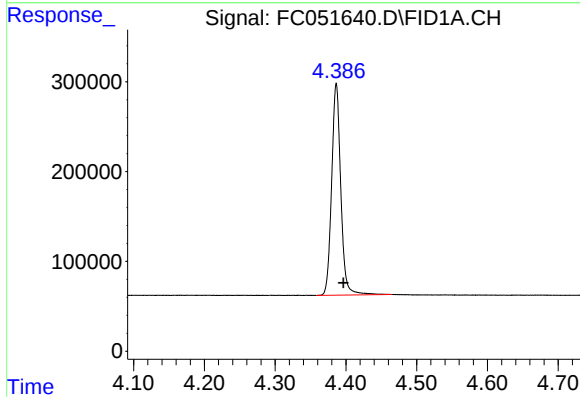
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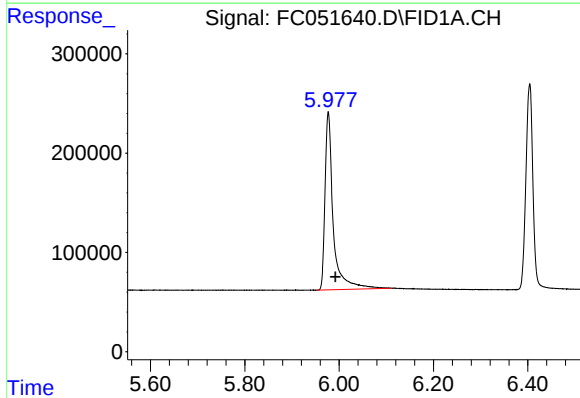
#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.010 min
Response: 2070253
Conc: 20.98 ug/ml



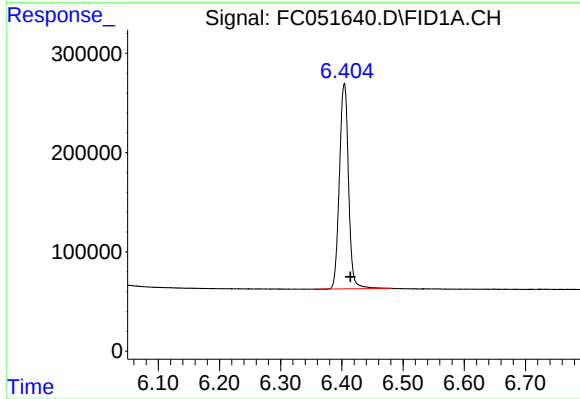
#2 n-Decane (C10)

R.T.: 4.387 min
Delta R.T.: -0.010 min
Response: 2114407
Conc: 21.38 ug/ml



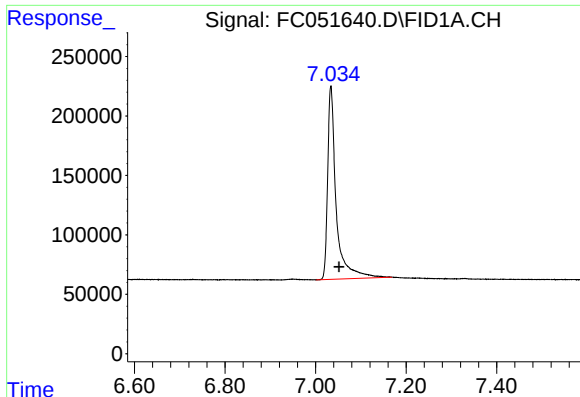
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.015 min
Response: 2168712
Conc: 20.74 ug/ml



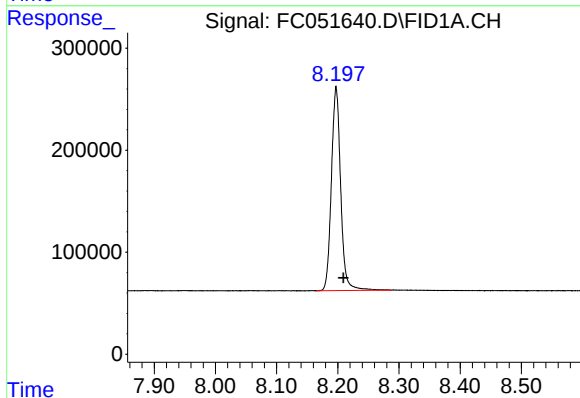
#4 n-Dodecane (C12)

R.T.: 6.404 min
Delta R.T.: -0.010 min
Response: 2147544
Conc: 21.01 ug/ml



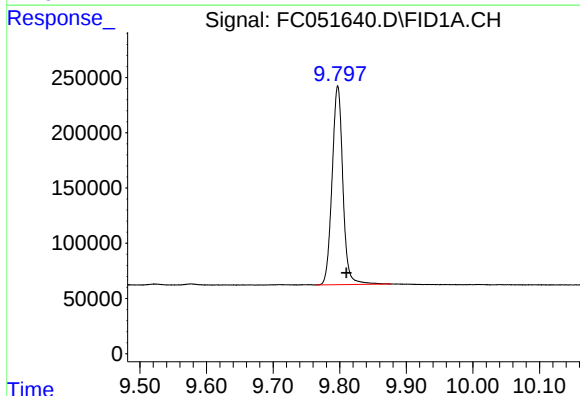
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.034 min
Delta R.T.: -0.018 min
Response: 2128104
Conc: 20.26 ug/ml



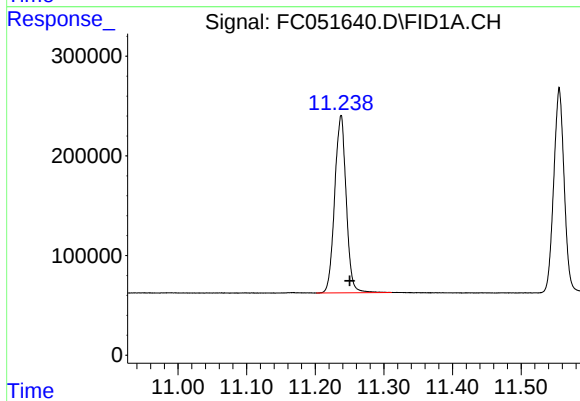
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2103352
Conc: 20.73 ug/ml



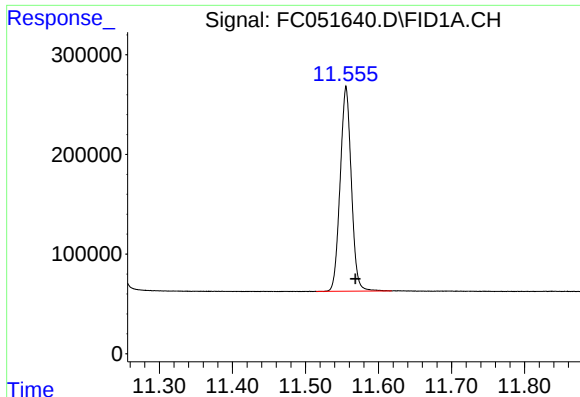
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.013 min
Response: 2021570
Conc: 20.07 ug/ml



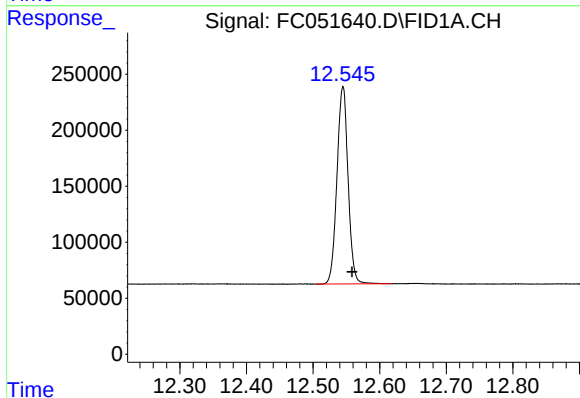
#8 n-Octadecane (C18)

R.T.: 11.237 min
Delta R.T.: -0.013 min
Response: 2075440
Conc: 19.46 ug/ml



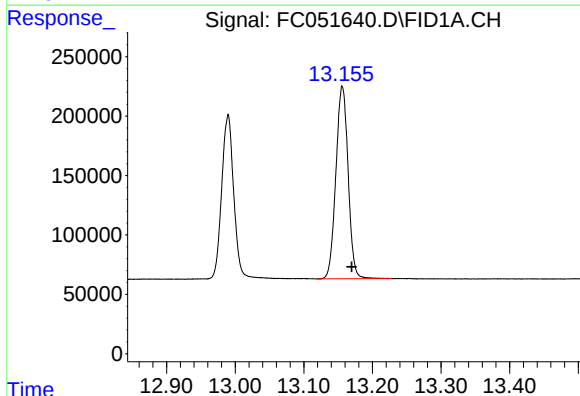
#9 ortho-Terphenyl (SURR)

R.T.: 11.556 min
Delta R.T.: -0.013 min
Response: 2178642
Conc: 18.80 ug/ml



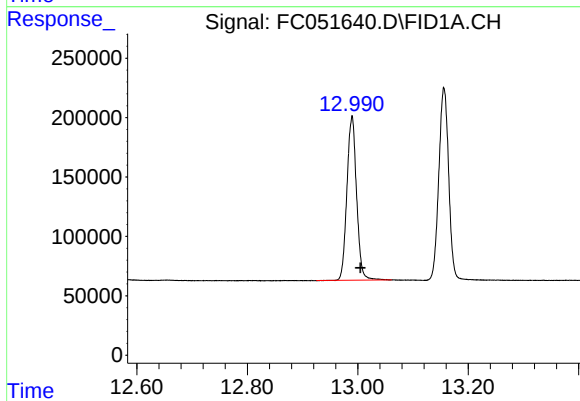
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.014 min
Response: 2043443
Conc: 18.98 ug/ml



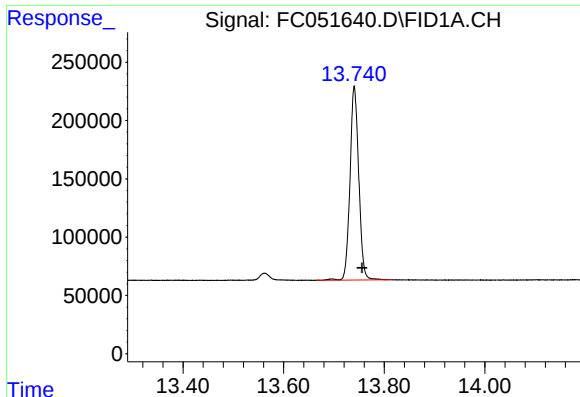
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.014 min
Response: 2008034
Conc: 18.72 ug/ml



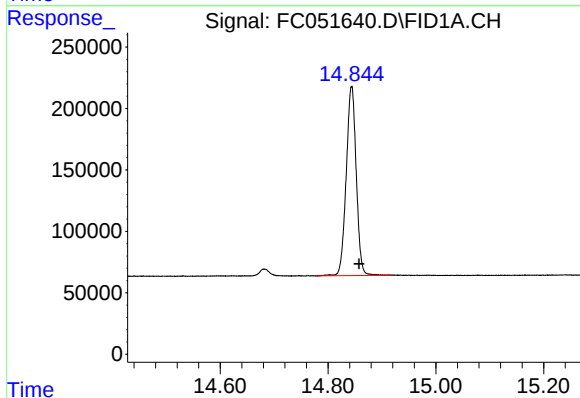
#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: -0.015 min
Response: 1678080
Conc: 18.60 ug/ml



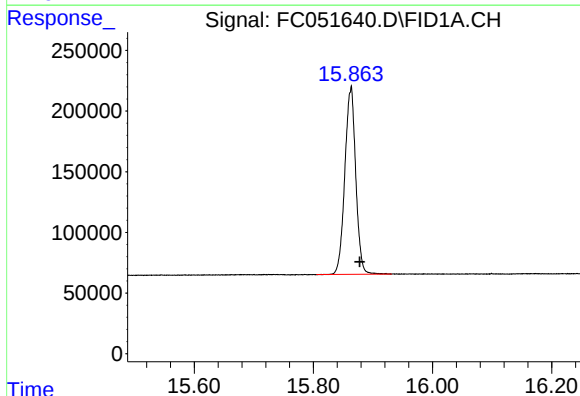
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: -0.015 min
Response: 2005377
Conc: 18.78 ug/ml



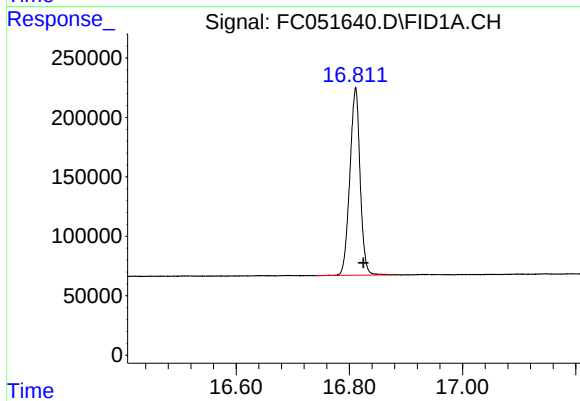
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.014 min
Response: 1991676
Conc: 18.82 ug/ml



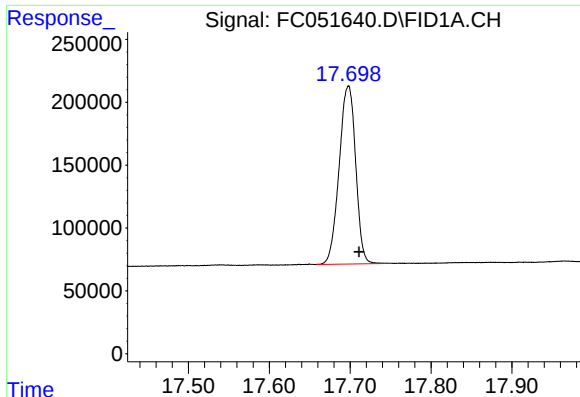
#15 n-Hexacosane (C26)

R.T.: 15.863 min
Delta R.T.: -0.015 min
Response: 1963550
Conc: 18.96 ug/ml



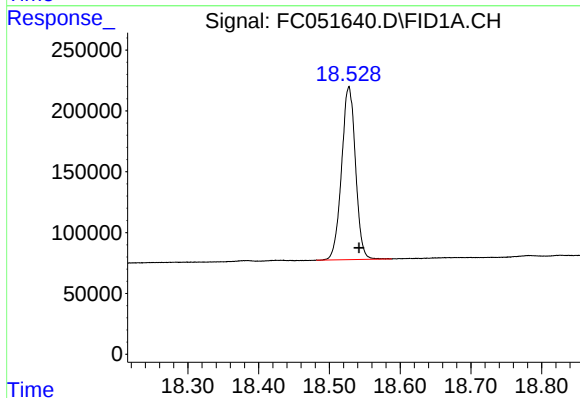
#16 n-Octacosane (C28)

R.T.: 16.811 min
Delta R.T.: -0.014 min
Response: 1983086
Conc: 19.48 ug/ml



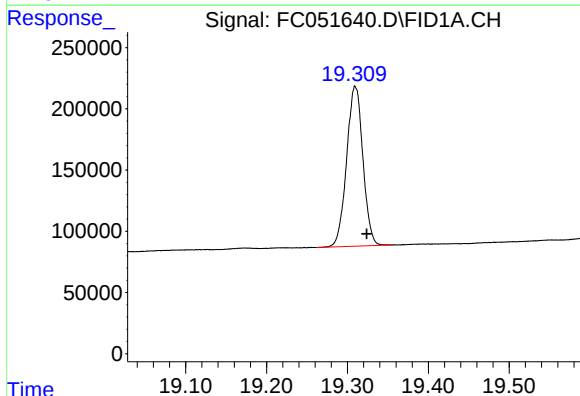
#17 n-Tricontane (C30)

R.T.: 17.698 min
Delta R.T.: -0.014 min
Response: 2010258
Conc: 20.41 ug/ml



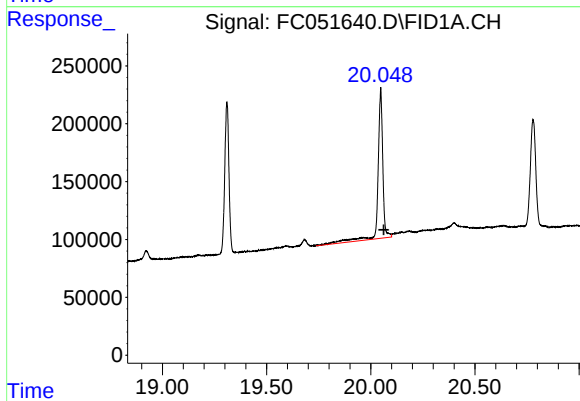
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.015 min
Response: 1942895
Conc: 21.45 ug/ml



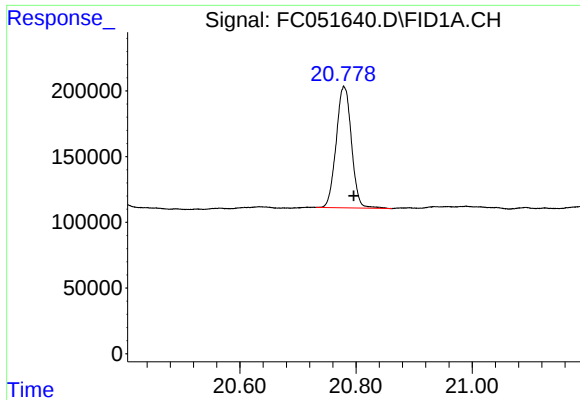
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.014 min
Response: 1827045
Conc: 21.50 ug/ml



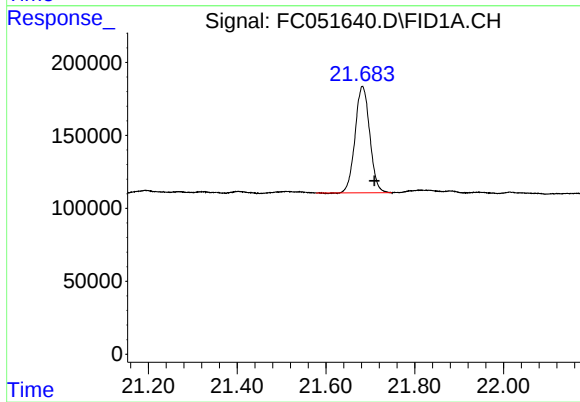
#20 n-Hexatriacontane (C36)

R.T.: 20.048 min
Delta R.T.: -0.015 min
Response: 2101506
Conc: 24.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.017 min
Response: 1685466
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: -0.027 min
Response: 1667990
Conc: 21.09 ug/ml