

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100219AL\
 Data File : FC043747.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2019 23:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 03 01:12:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 Qlast Update : Thu Sep 26 10:57:53 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)	11.582	2853068	18.797 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
12) S 1-chlorooctadecane (S...	13.002	2183856	18.420 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.432	2553717	21.122 ug/ml
2) T n-Decane (C10)	4.485	2597116	21.457 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2541265	21.585 ug/ml
4) T n-Dodecane (C12)	6.477	2710994	21.434 ug/ml
5) T A~2-methylnaphthalene...	7.109	2574524	21.365 ug/ml
6) T n-Tetradecane (C14)	8.251	2727191	21.187 ug/ml
7) T n-Hexadecane (C16)	9.834	2732519	20.753 ug/ml
8) T n-Octadecane (C18)	11.262	2715468	19.909 ug/ml
10) T n-Eicosane (C20)	12.559	2658170	19.045 ug/ml
11) T n-Heneicosane (C21)	13.166	2637870	18.562 ug/ml
13) T n-Docosane (C22)	13.747	2583491	18.182 ug/ml
14) T n-Tetracosane (C24)	14.842	2481007	17.282 ug/ml
15) T n-Hexacosane (C26)	15.855	2384776	16.677 ug/ml
16) T n-Octacosane (C28)	16.800	2311311	16.305 ug/ml
17) T n-Tricontane (C30)	17.682	2272023	16.200 ug/ml
18) T n-Dotriacontane (C32)	18.511	2206203	16.609 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2179956	17.448 ug/ml
20) T n-Hexatriacontane (C36)	20.025	1927079	16.672 ug/ml
21) T n-Octatriacontane (C38)	20.746	1938460	18.213 ug/ml
22) T n-Tetracontane (C40)	21.629	2125673	20.330 ug/ml

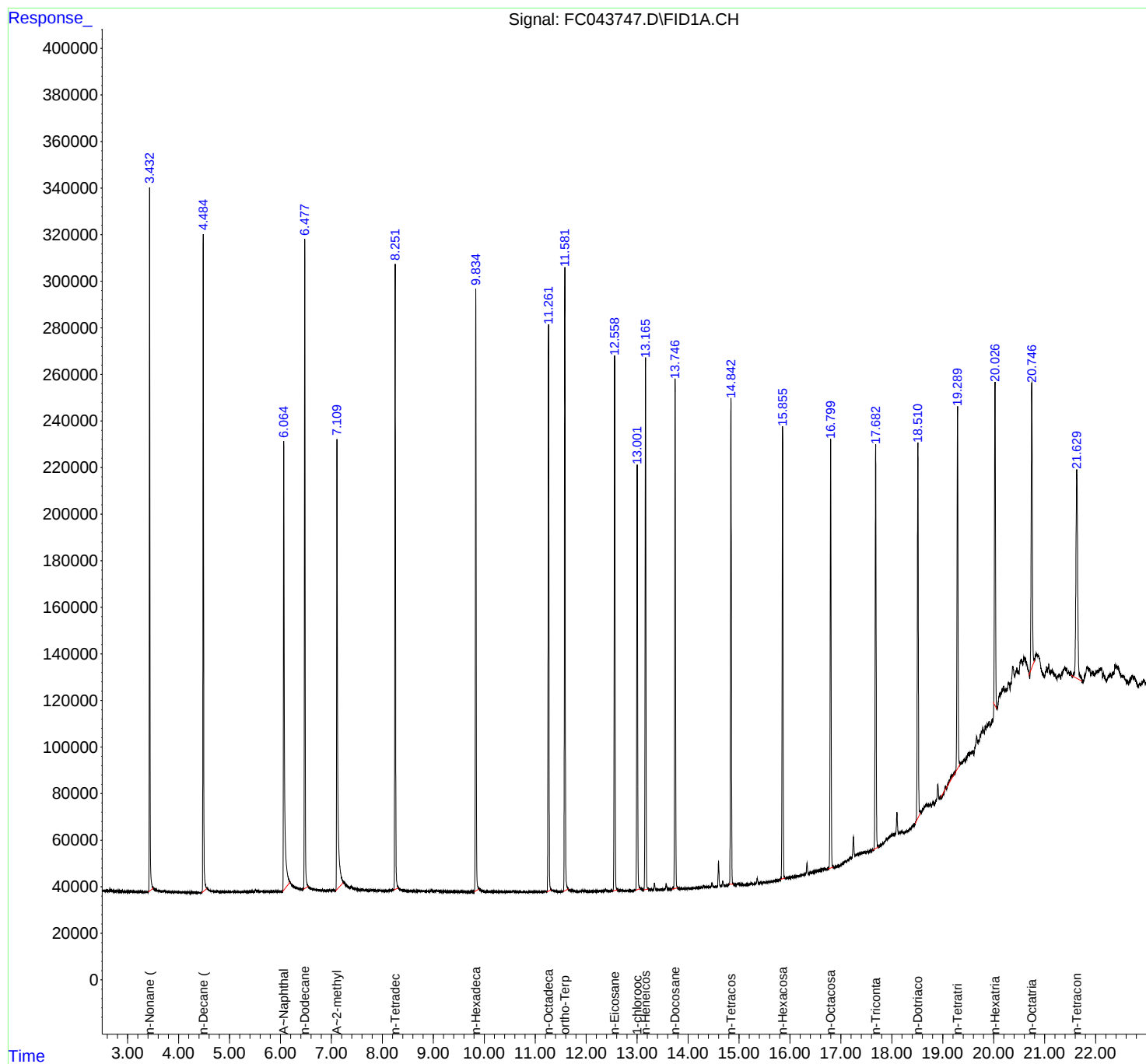
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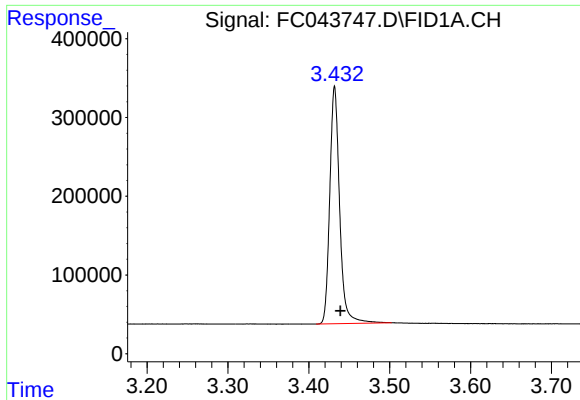
(m)=manual int.

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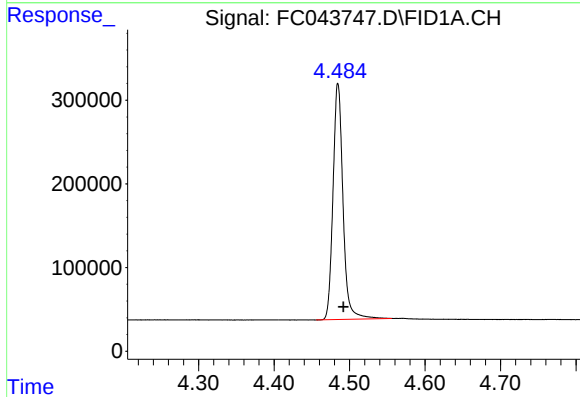
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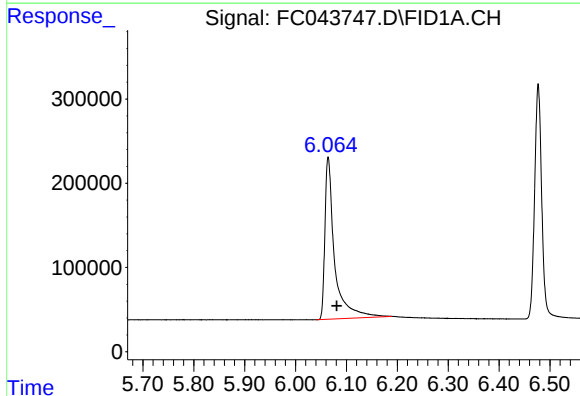
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: -0.007 min
Response: 2553717
Conc: 21.12 ug/ml



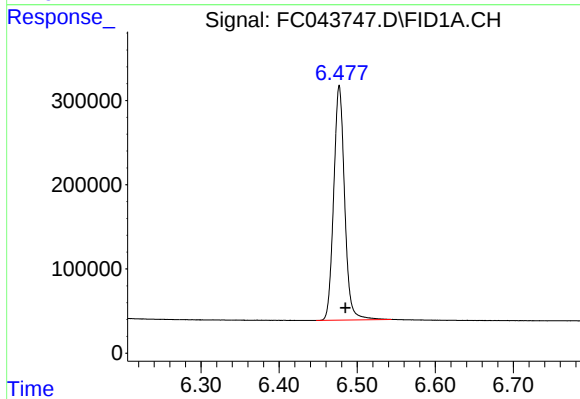
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.007 min
Response: 2597116
Conc: 21.46 ug/ml



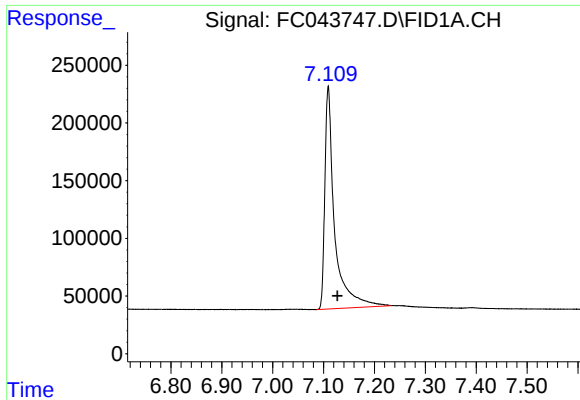
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.016 min
Response: 2541265
Conc: 21.58 ug/ml



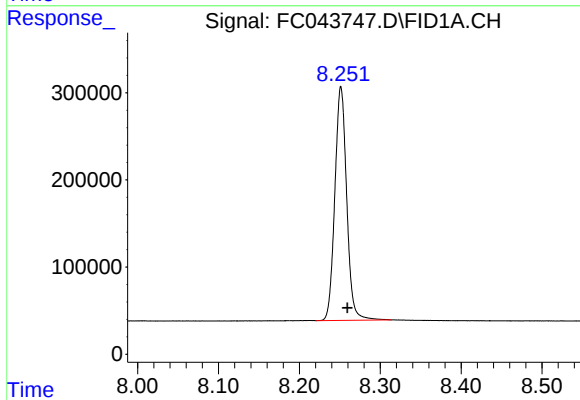
#4 n-Dodecane (C12)

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 2710994
Conc: 21.43 ug/ml



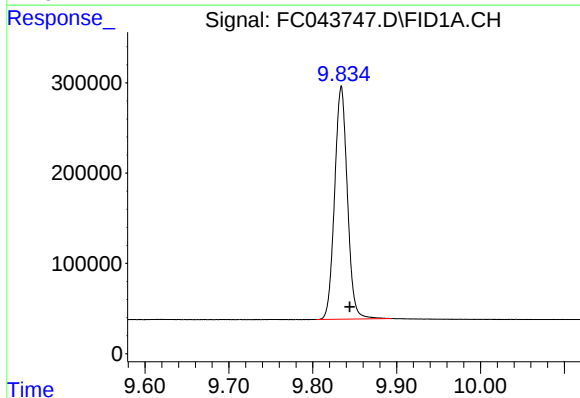
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.018 min
Response: 2574524
Conc: 21.36 ug/ml



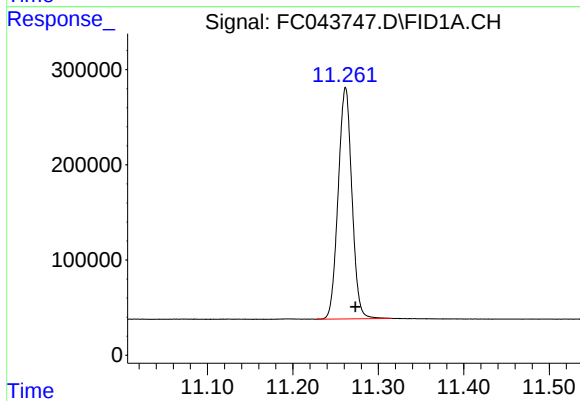
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.008 min
Response: 2727191
Conc: 21.19 ug/ml



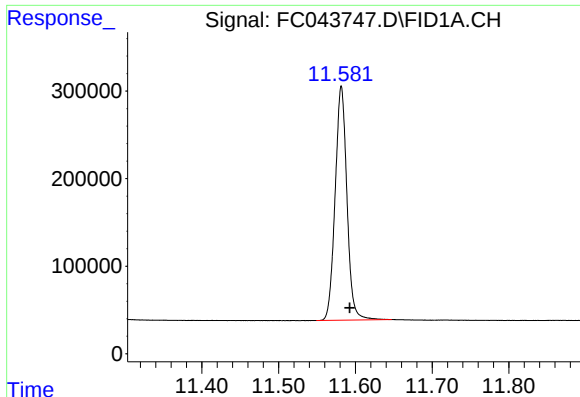
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.010 min
Response: 2732519
Conc: 20.75 ug/ml



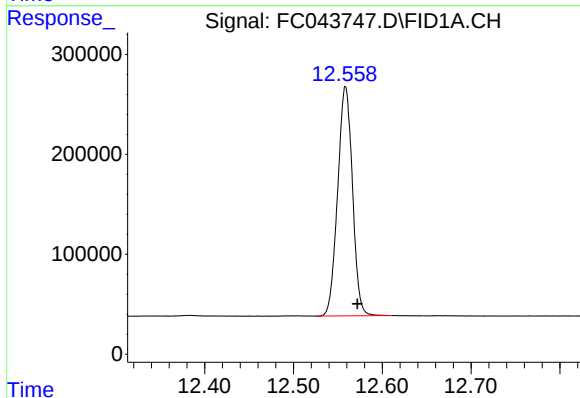
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.011 min
Response: 2715468
Conc: 19.91 ug/ml



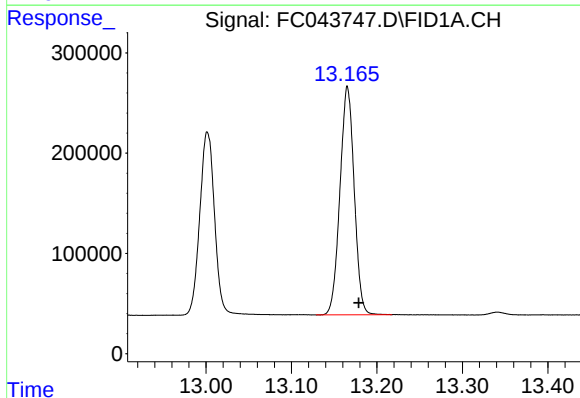
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.011 min
Response: 2853068
Conc: 18.80 ug/ml



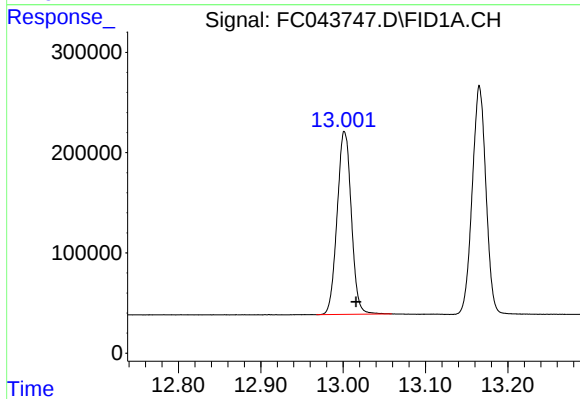
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.014 min
Response: 2658170
Conc: 19.04 ug/ml



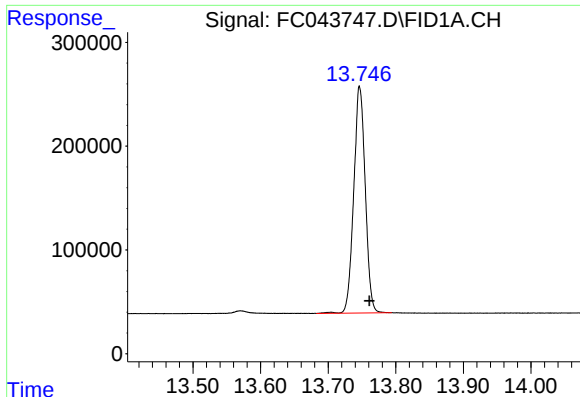
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.013 min
Response: 2637870
Conc: 18.56 ug/ml



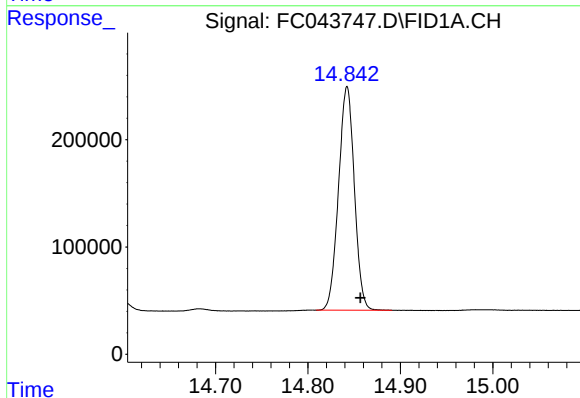
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.014 min
Response: 2183856
Conc: 18.42 ug/ml



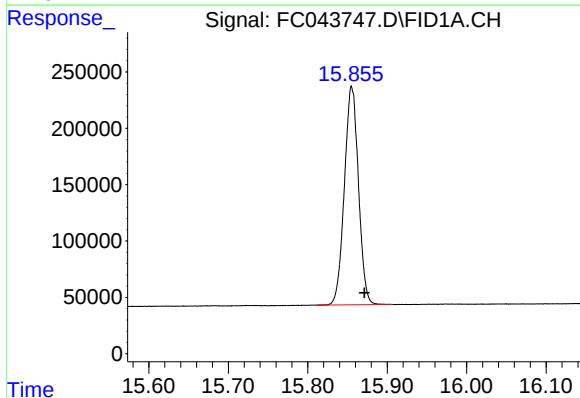
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.015 min
Response: 2583491
Conc: 18.18 ug/ml



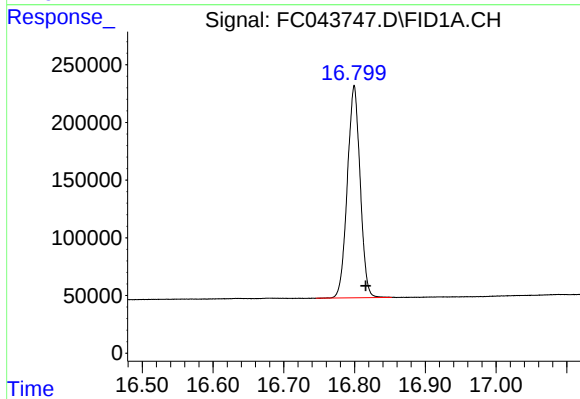
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.014 min
Response: 2481007
Conc: 17.28 ug/ml



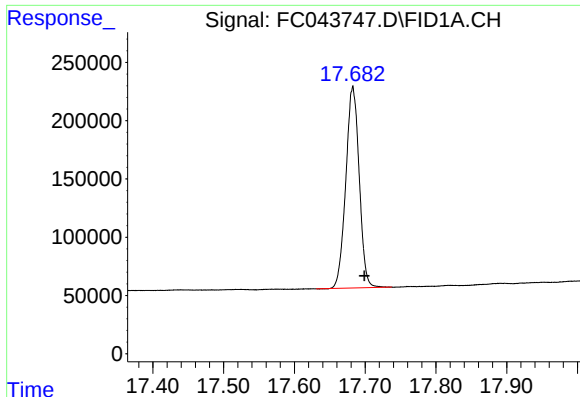
#15 n-Hexacosane (C26)

R.T.: 15.855 min
Delta R.T.: -0.016 min
Response: 2384776
Conc: 16.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.016 min
Response: 2311311
Conc: 16.30 ug/ml



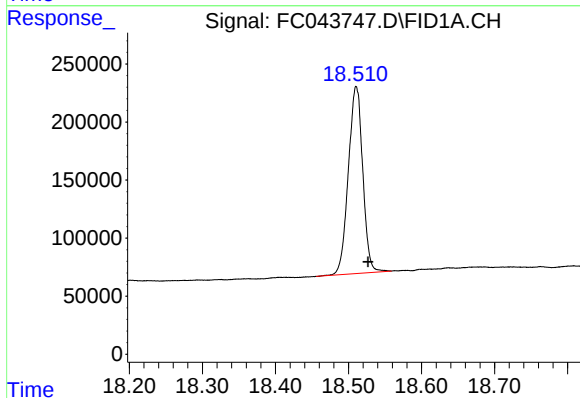
#17 n-Tricontane (C30)

R.T.: 17.682 min

Delta R.T.: -0.016 min

Response: 2272023

Conc: 16.20 ug/ml



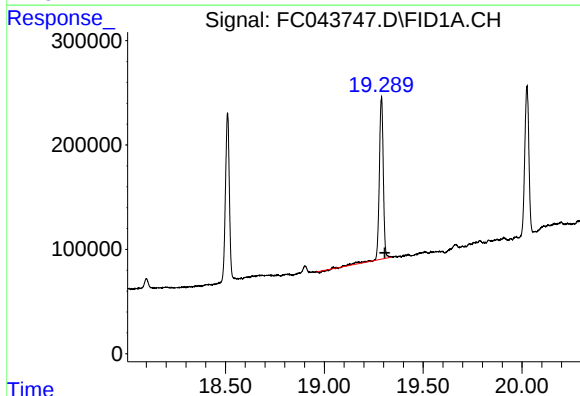
#18 n-Dotriacontane (C32)

R.T.: 18.511 min

Delta R.T.: -0.016 min

Response: 2206203

Conc: 16.61 ug/ml



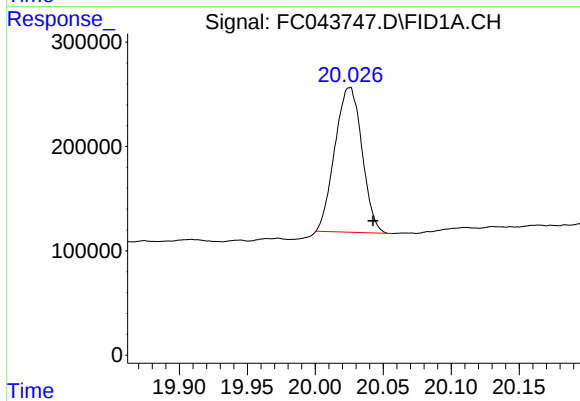
#19 n-Tetratriacontane (C34)

R.T.: 19.289 min

Delta R.T.: -0.016 min

Response: 2179956

Conc: 17.45 ug/ml



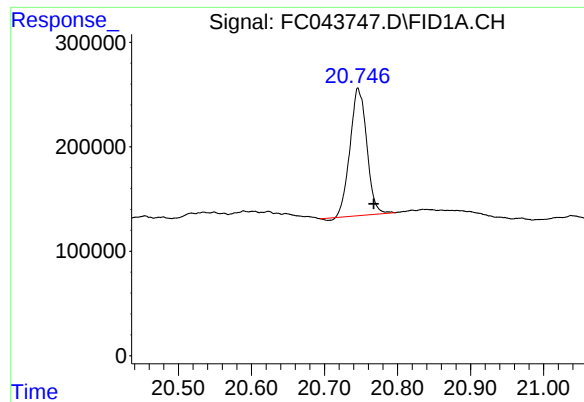
#20 n-Hexatriacontane (C36)

R.T.: 20.025 min

Delta R.T.: -0.017 min

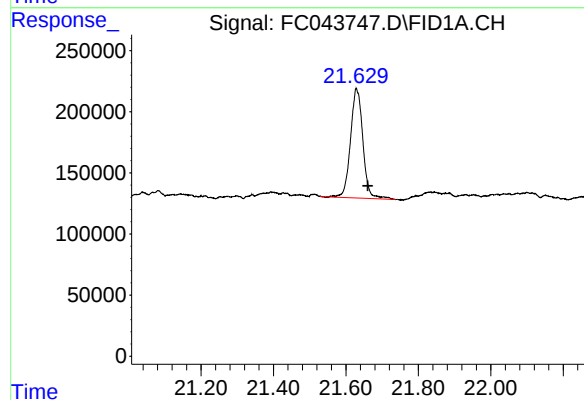
Response: 1927079

Conc: 16.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.022 min
Response: 1938460
Conc: 18.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.629 min
Delta R.T.: -0.032 min
Response: 2125673
Conc: 20.33 ug/ml