

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090919AL\
 Data File : FC043382.D
 Signal(s) : FID1A.CH
 Acq On : 09 Sep 2019 8:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 06:43:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 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)	11.607	2821044	19.703 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.029	2129087	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.445	2570148	21.579 ug/ml
2) T n-Decane (C10)	4.500	2659092	22.362 ug/ml
3) T A~Naphthalene (C11.7)	6.079	2700145	22.136 ug/ml
4) T n-Dodecane (C12)	6.495	2718881	22.224 ug/ml
5) T A~2-methylnaphthalene...	7.125	2746909	22.378 ug/ml
6) T n-Tetradecane (C14)	8.271	2692630	21.782 ug/ml
7) T n-Hexadecane (C16)	9.857	2669333	21.410 ug/ml
8) T n-Octadecane (C18)	11.286	2631010	20.684 ug/ml
10) T n-Eicosane (C20)	12.586	2567318	19.998 ug/ml
11) T n-Heneicosane (C21)	13.194	2552130	19.707 ug/ml
13) T n-Docosane (C22)	13.776	2497169	19.439 ug/ml
14) T n-Tetracosane (C24)	14.872	2437971	19.030 ug/ml
15) T n-Hexacosane (C26)	15.885	2376438	18.869 ug/ml
16) T n-Octacosane (C28)	16.830	2350116	19.140 ug/ml
17) T n-Tricontane (C30)	17.713	2378422	19.720 ug/ml
18) T n-Dotriacontane (C32)	18.540	2322683	20.362 ug/ml
19) T n-Tetratriacontane (C34)	19.319	2247448	20.888 ug/ml
20) T n-Hexatriacontane (C36)	20.056	2167922	20.591 ug/ml
21) T n-Octatriacontane (C38)	20.784	2067165	22.095 ug/ml
22) T n-Tetracontane (C40)	21.679	2106985	21.808 ug/ml

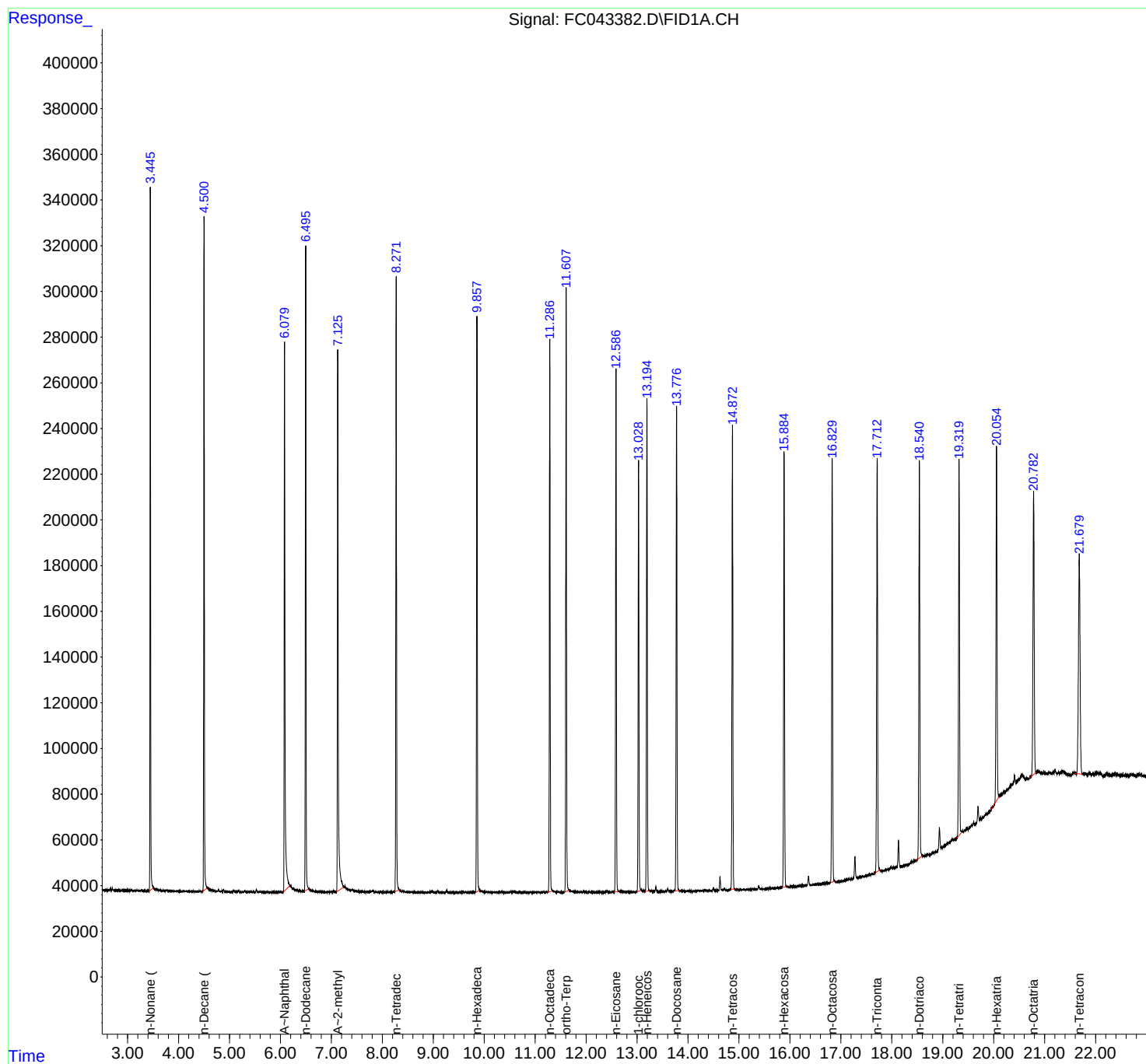
(f)=RT Delta > 1/2 Window

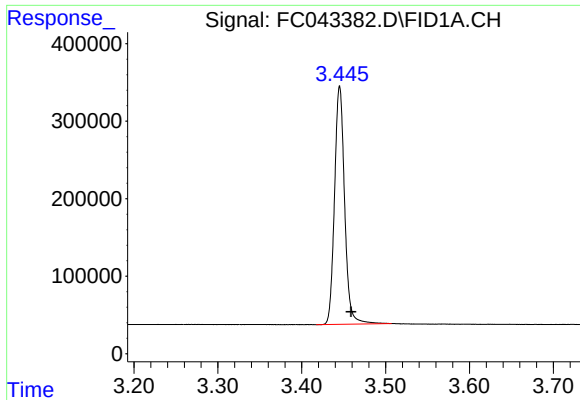
(m)=manual int.

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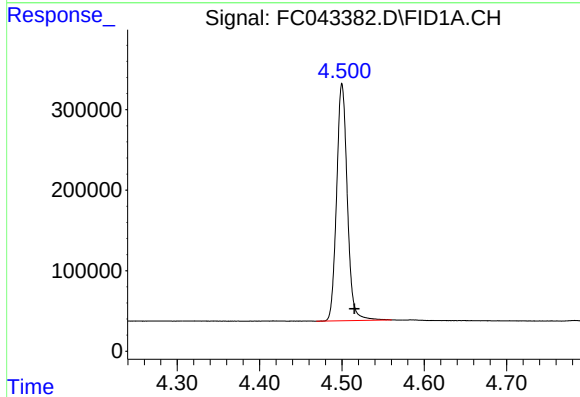
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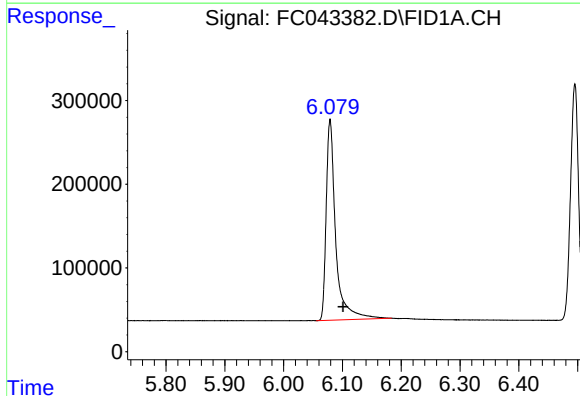
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: -0.014 min
Response: 2570148
Conc: 21.58 ug/ml



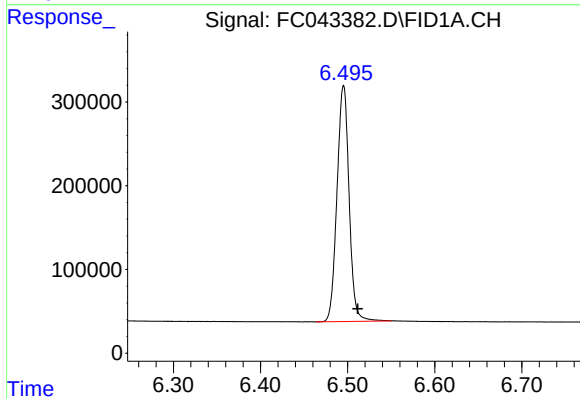
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.015 min
Response: 2659092
Conc: 22.36 ug/ml



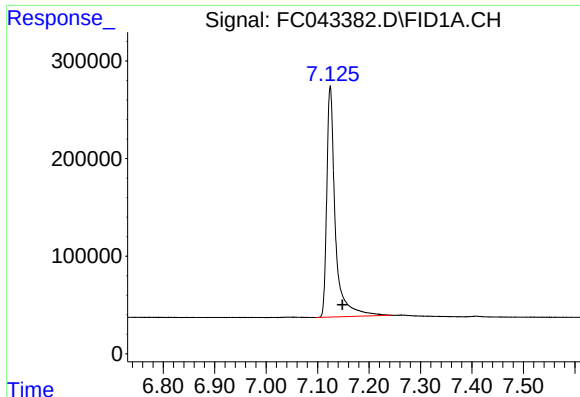
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.022 min
Response: 2700145
Conc: 22.14 ug/ml



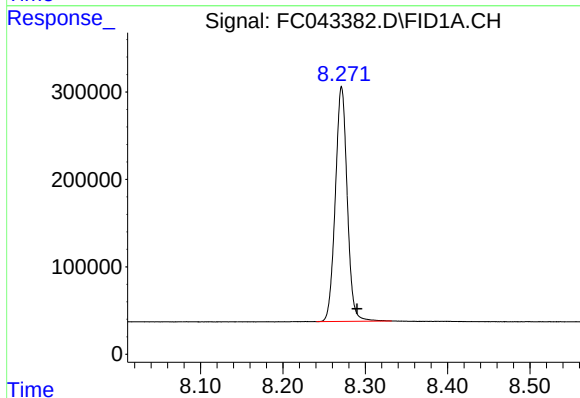
#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: -0.016 min
Response: 2718881
Conc: 22.22 ug/ml



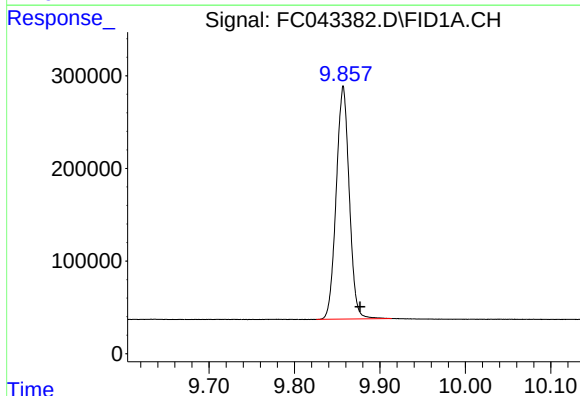
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.023 min
Response: 2746909
Conc: 22.38 ug/ml



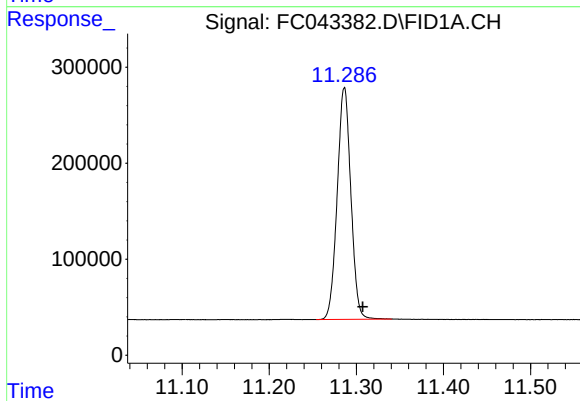
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.018 min
Response: 2692630
Conc: 21.78 ug/ml



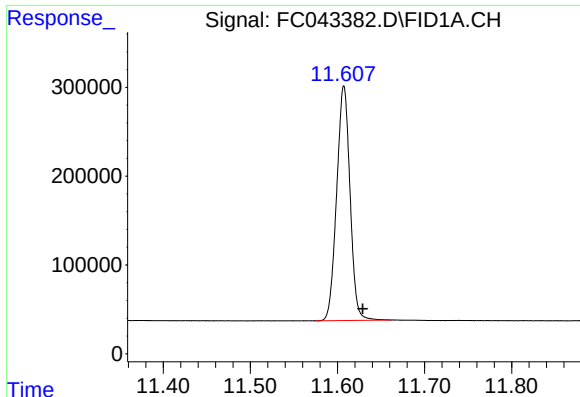
#7 n-Hexadecane (C16)

R.T.: 9.857 min
Delta R.T.: -0.020 min
Response: 2669333
Conc: 21.41 ug/ml



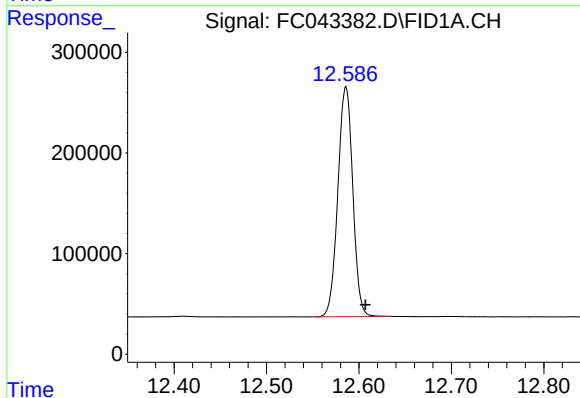
#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: -0.021 min
Response: 2631010
Conc: 20.68 ug/ml



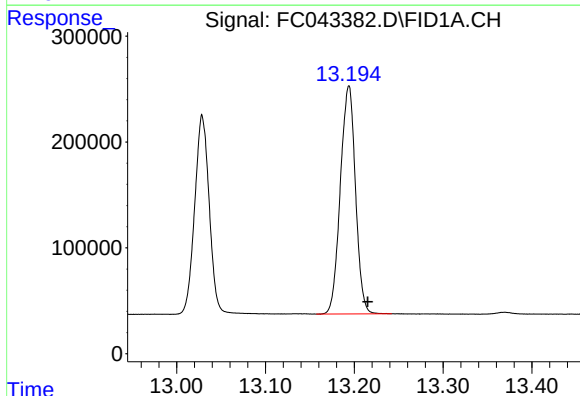
#9 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.022 min
Response: 2821044
Conc: 19.70 ug/ml



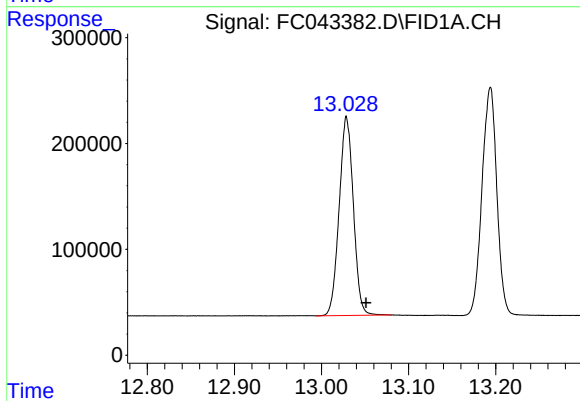
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: -0.021 min
Response: 2567318
Conc: 20.00 ug/ml



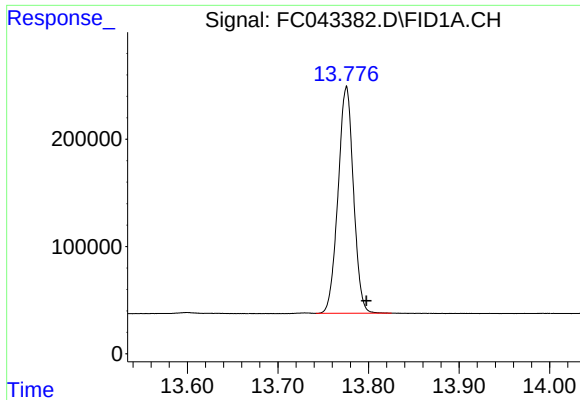
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.021 min
Response: 2552130
Conc: 19.71 ug/ml



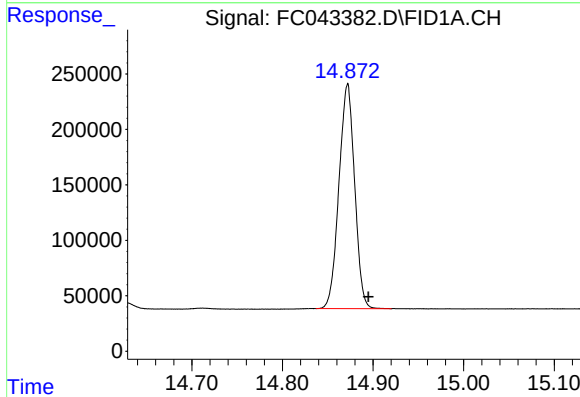
#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: -0.022 min
Response: 2129087
Conc: 19.49 ug/ml



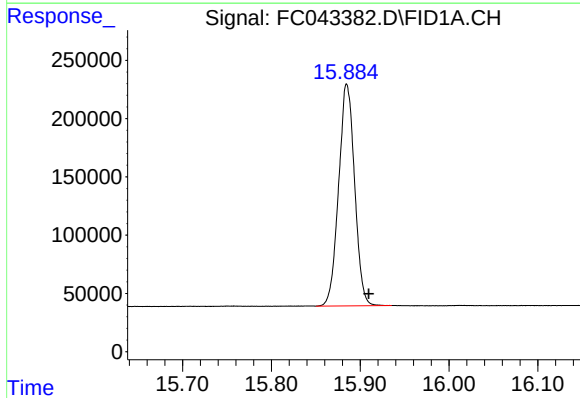
#13 n-Docosane (C22)

R.T.: 13.776 min
Delta R.T.: -0.022 min
Response: 2497169
Conc: 19.44 ug/ml



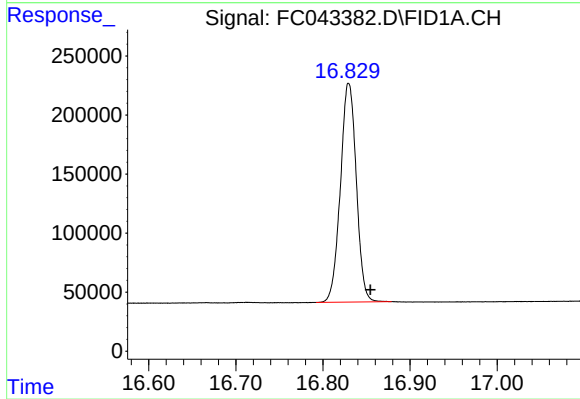
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.023 min
Response: 2437971
Conc: 19.03 ug/ml



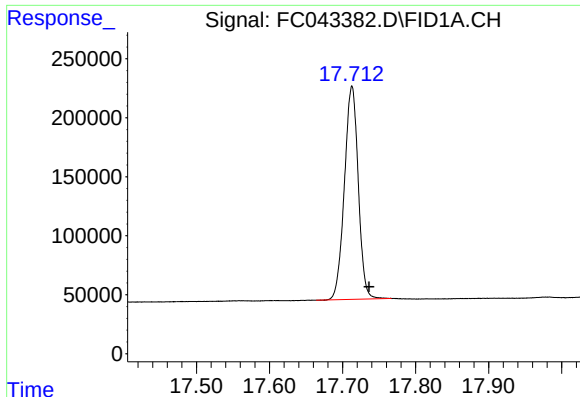
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: -0.025 min
Response: 2376438
Conc: 18.87 ug/ml



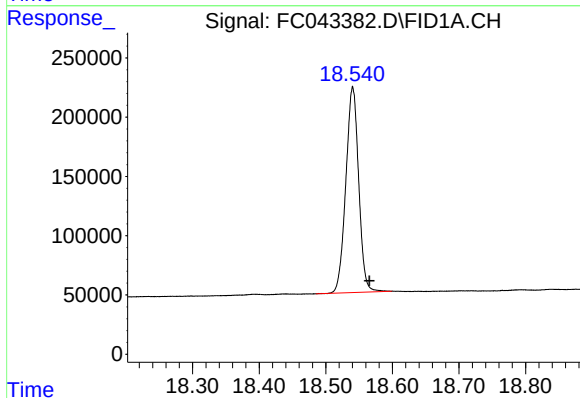
#16 n-Octacosane (C28)

R.T.: 16.830 min
Delta R.T.: -0.025 min
Response: 2350116
Conc: 19.14 ug/ml



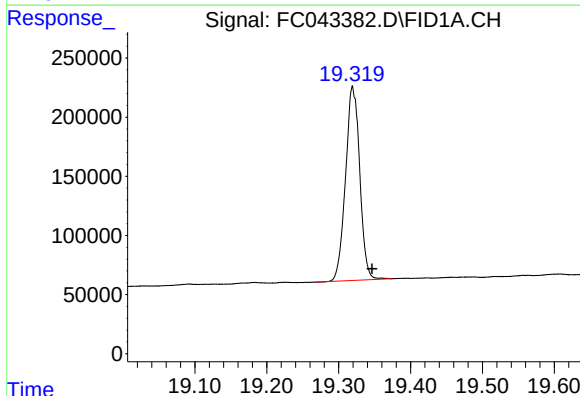
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: -0.023 min
Response: 2378422
Conc: 19.72 ug/ml



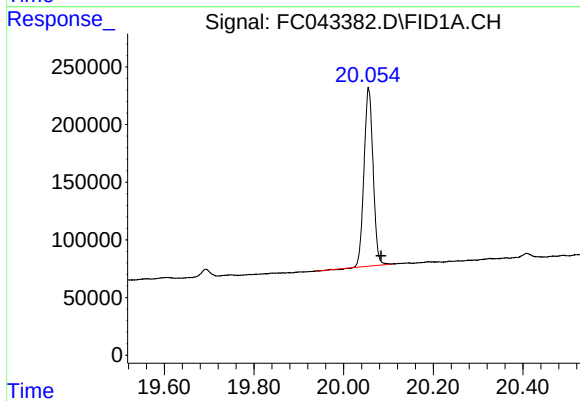
#18 n-Dotriacontane (C32)

R.T.: 18.540 min
Delta R.T.: -0.025 min
Response: 2322683
Conc: 20.36 ug/ml



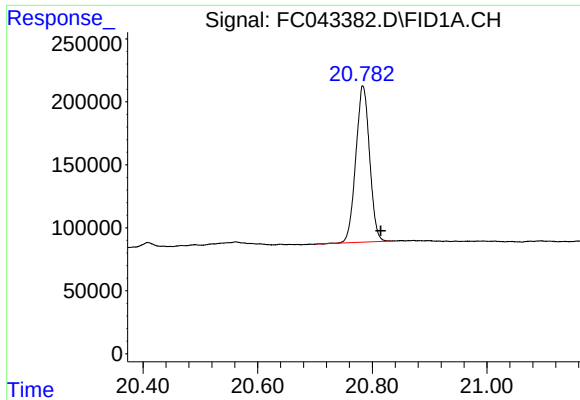
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min
Delta R.T.: -0.027 min
Response: 2247448
Conc: 20.89 ug/ml



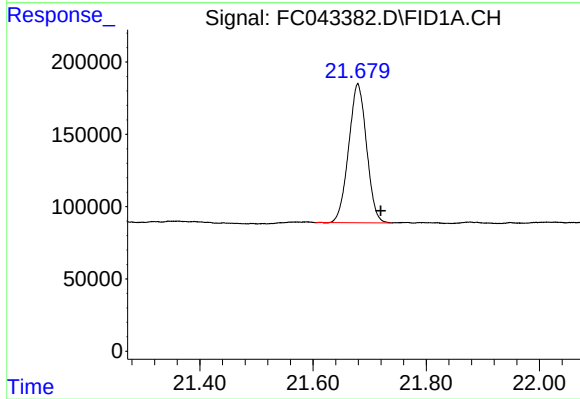
#20 n-Hexatriacontane (C36)

R.T.: 20.056 min
Delta R.T.: -0.028 min
Response: 2167922
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.031 min
Response: 2067165
Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.040 min
Response: 2106985
Conc: 21.81 ug/ml