

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083019AL\
 Data File : FC043277.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2019 22:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 23:47:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.617	2806803	19.603 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.039	2110602	19.319 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.453	2584896	21.703 ug/ml
2) T n-Decane (C10)	4.508	2668252	22.439 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2745890	22.511 ug/ml
4) T n-Dodecane (C12)	6.503	2722975	22.257 ug/ml
5) T A~2-methylnaphthalene...	7.133	2776907	22.622 ug/ml
6) T n-Tetradecane (C14)	8.280	2697563	21.822 ug/ml
7) T n-Hexadecane (C16)	9.866	2662867	21.358 ug/ml
8) T n-Octadecane (C18)	11.296	2619632	20.595 ug/ml
10) T n-Eicosane (C20)	12.596	2545616	19.829 ug/ml
11) T n-Heneicosane (C21)	13.204	2521581	19.471 ug/ml
13) T n-Docosane (C22)	13.786	2478151	19.291 ug/ml
14) T n-Tetracosane (C24)	14.882	2449991	19.124 ug/ml
15) T n-Hexacosane (C26)	15.897	2402819	19.078 ug/ml
16) T n-Octacosane (C28)	16.841	2407782	19.610 ug/ml
17) T n-Tricontane (C30)	17.723	2439215	20.224 ug/ml
18) T n-Dotriacontane (C32)	18.551	2397777	21.021 ug/ml
19) T n-Tetratriacontane (C34)	19.331	2298180	21.360 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2213148	21.020 ug/ml
21) T n-Octatriacontane (C38)	20.797	2125220	22.715 ug/ml
22) T n-Tetracontane (C40)	21.696	2179455	22.558 ug/ml

(f)=RT Delta > 1/2 Window

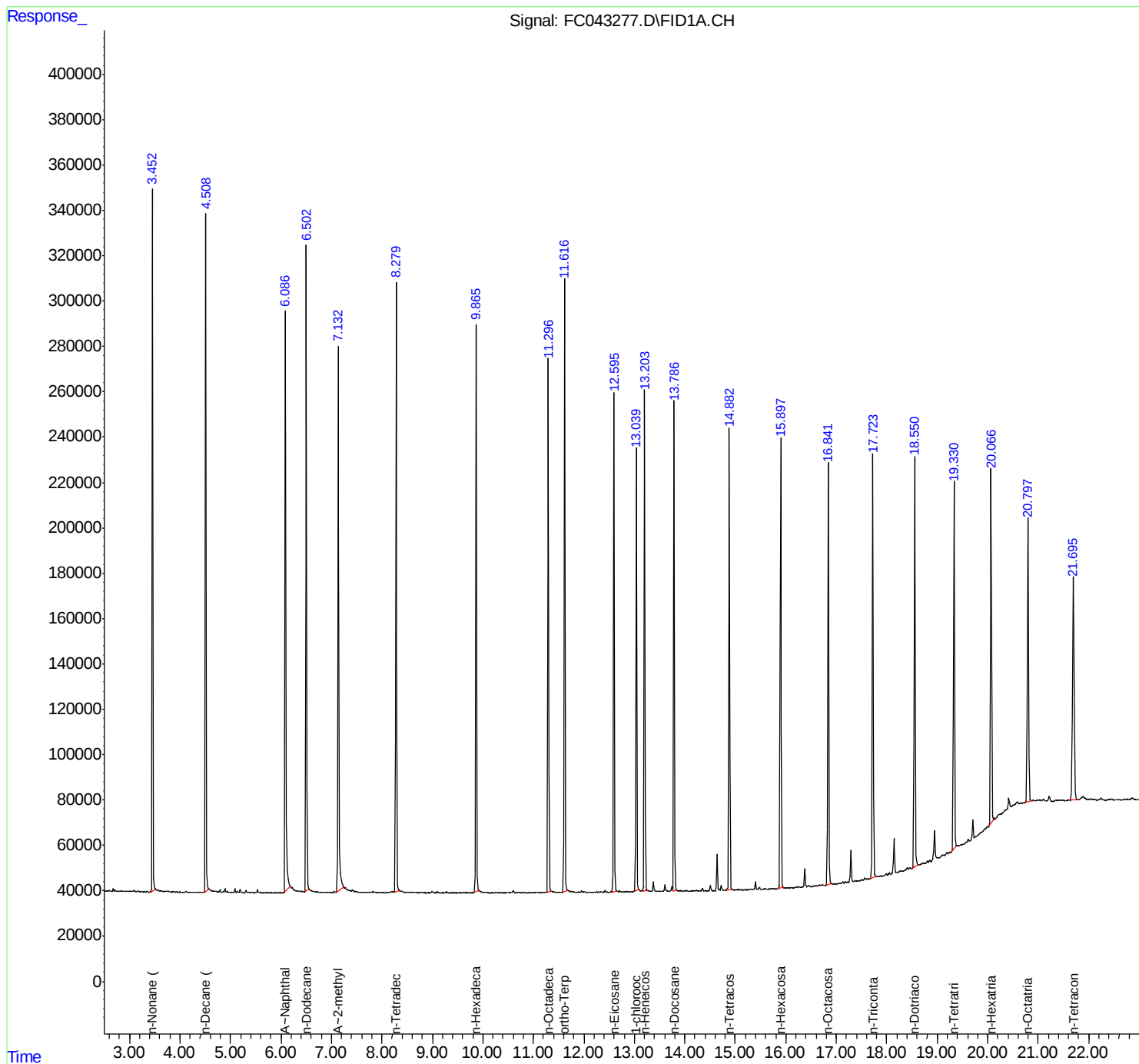
(m)=manual int.

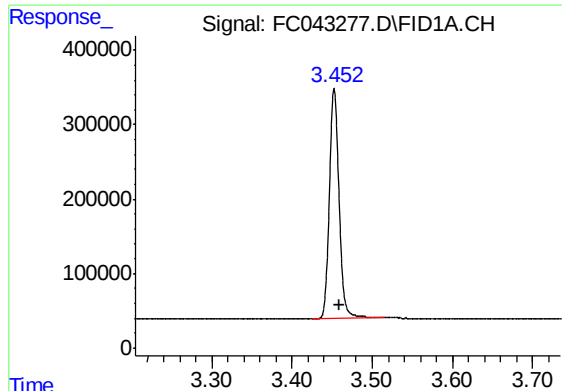
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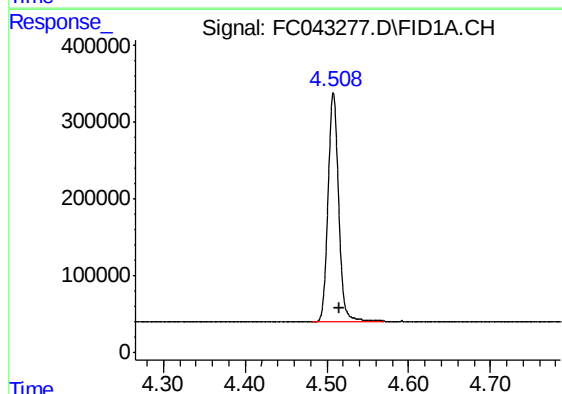




#1 n-Nonane (C9)

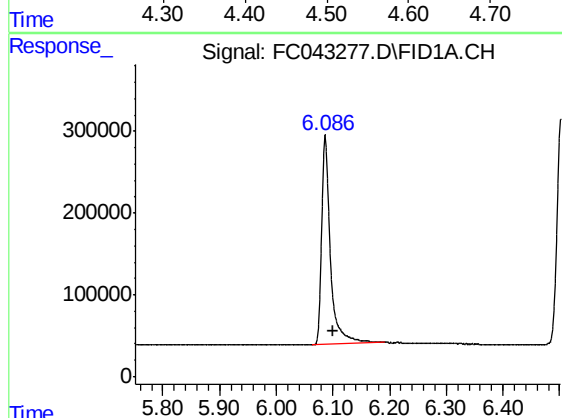
R.T.: 3.453 min
Delta R.T.: -0.006 min
Response: 2584896
Conc: 21.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



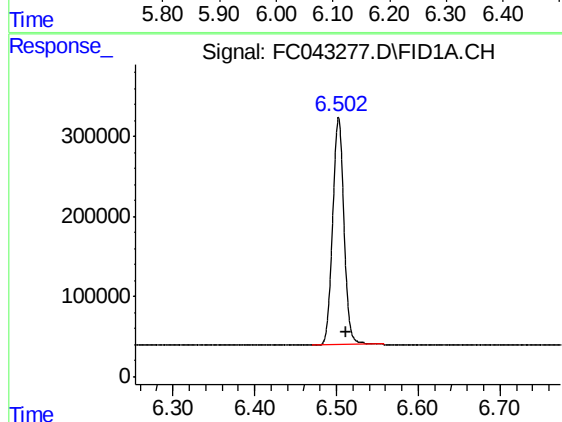
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.007 min
Response: 2668252
Conc: 22.44 ug/ml



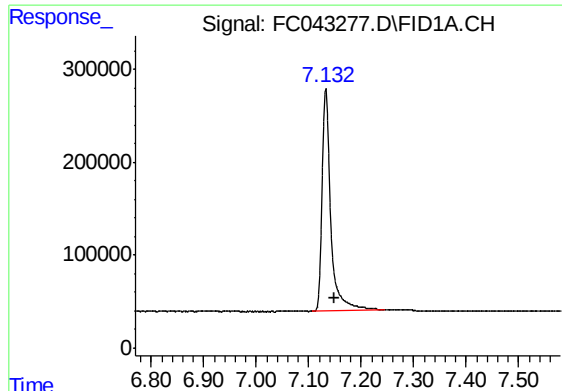
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.015 min
Response: 2745890
Conc: 22.51 ug/ml



#4 n-Dodecane (C12)

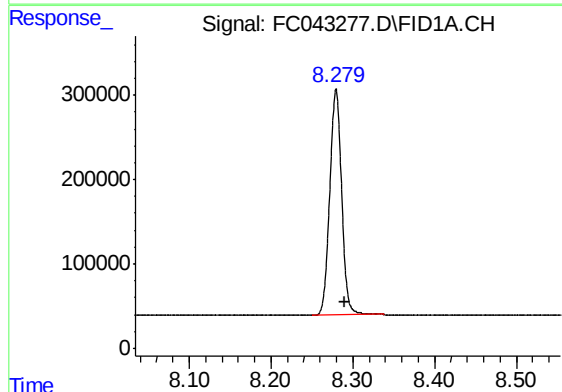
R.T.: 6.503 min
Delta R.T.: -0.009 min
Response: 2722975
Conc: 22.26 ug/ml



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

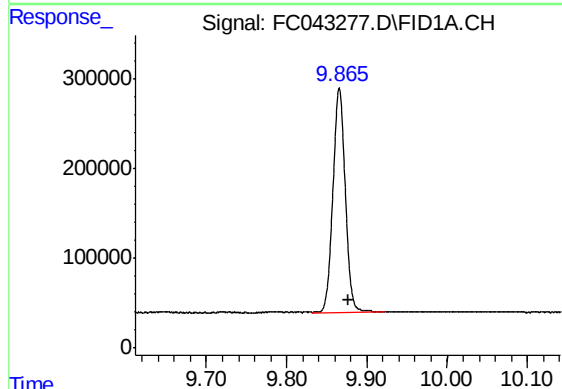
R.T.: 7.133 min
Delta R.T.: -0.015 min
Response: 2776907
Conc: 22.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



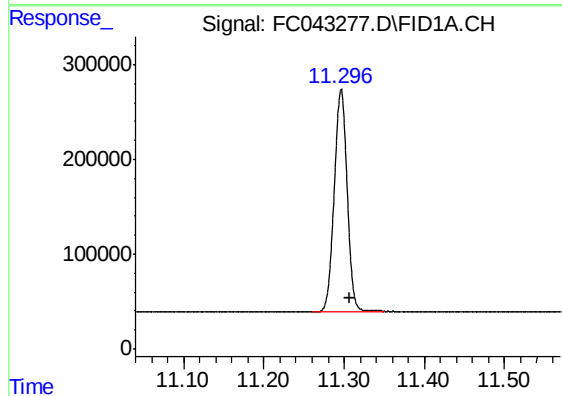
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: -0.010 min
Response: 2697563
Conc: 21.82 ug/ml



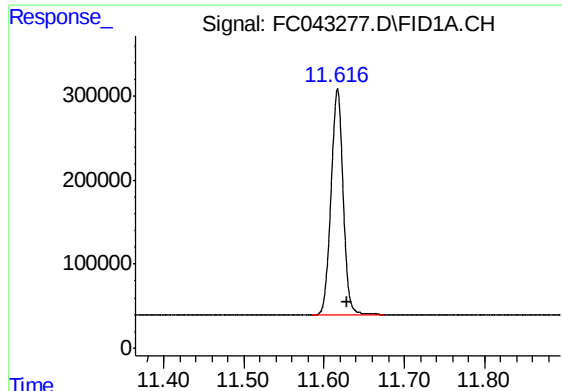
#7 n-Hexadecane (C16)

R.T.: 9.866 min
Delta R.T.: -0.011 min
Response: 2662867
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

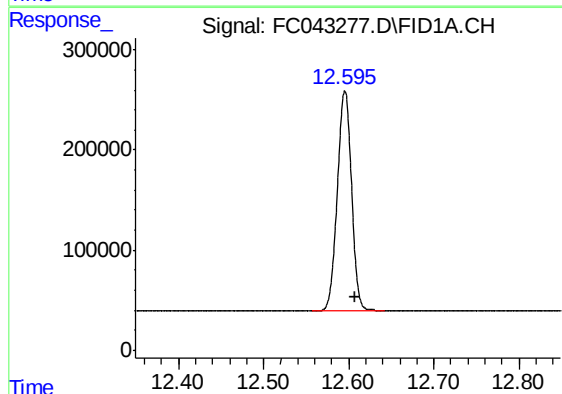
R.T.: 11.296 min
Delta R.T.: -0.011 min
Response: 2619632
Conc: 20.60 ug/ml



#9 ortho-Terphenyl (SURR)

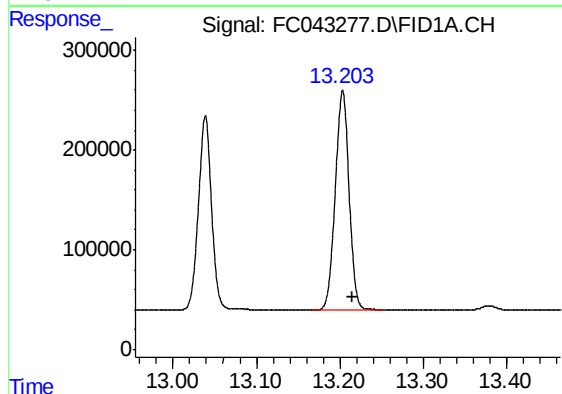
R.T.: 11.617 min
Delta R.T.: -0.012 min
Response: 2806803
Conc: 19.60 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



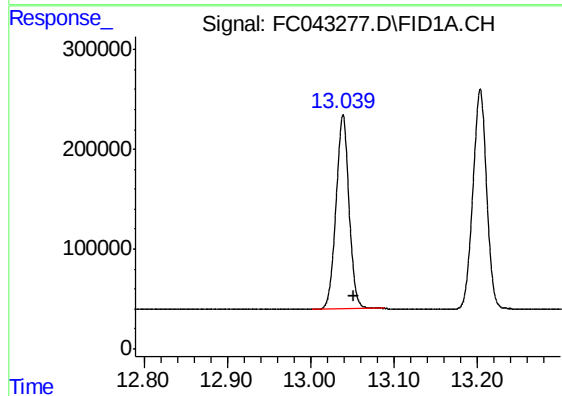
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.012 min
Response: 2545616
Conc: 19.83 ug/ml



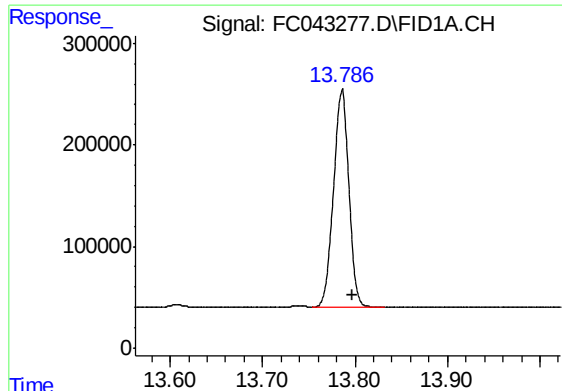
#11 n-Heneicosane (C21)

R.T.: 13.204 min
Delta R.T.: -0.012 min
Response: 2521581
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

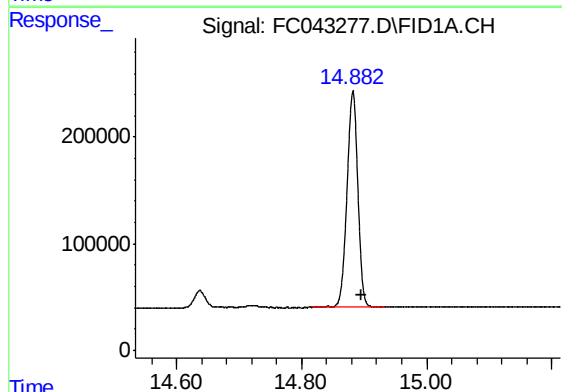
R.T.: 13.039 min
Delta R.T.: -0.012 min
Response: 2110602
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

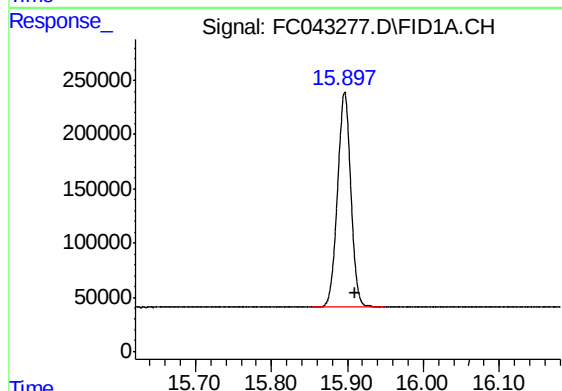
R.T.: 13.786 min
Delta R.T.: -0.012 min
Response: 2478151
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



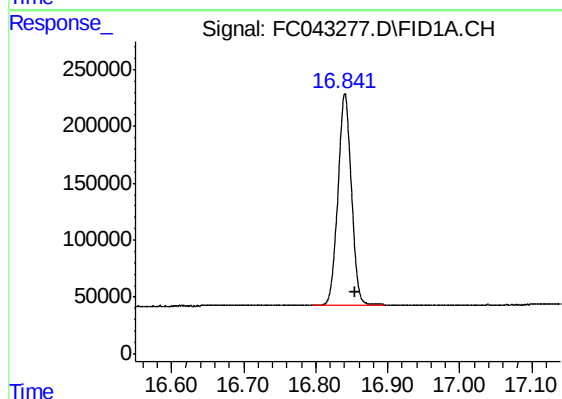
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.013 min
Response: 2449991
Conc: 19.12 ug/ml



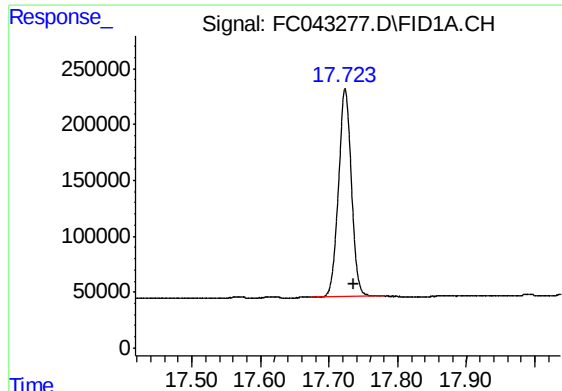
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.013 min
Response: 2402819
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

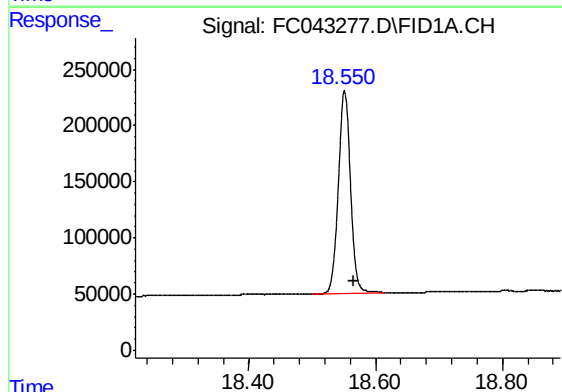
R.T.: 16.841 min
Delta R.T.: -0.014 min
Response: 2407782
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

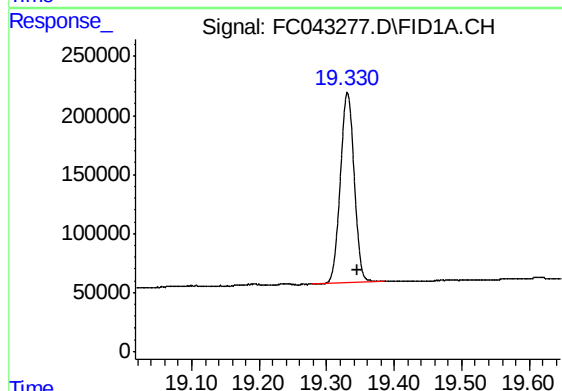
R.T.: 17.723 min
Delta R.T.: -0.013 min
Response: 2439215
Conc: 20.22 ug/ml

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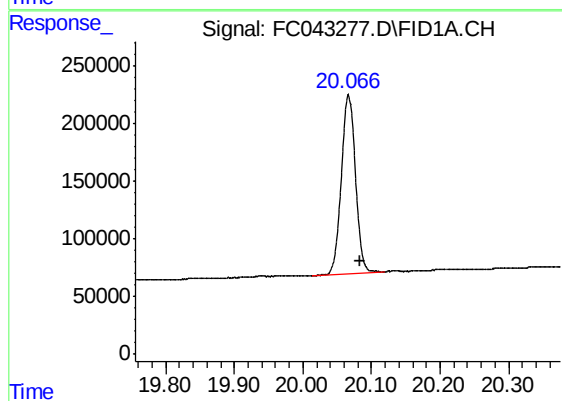
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.015 min
Response: 2397777
Conc: 21.02 ug/ml



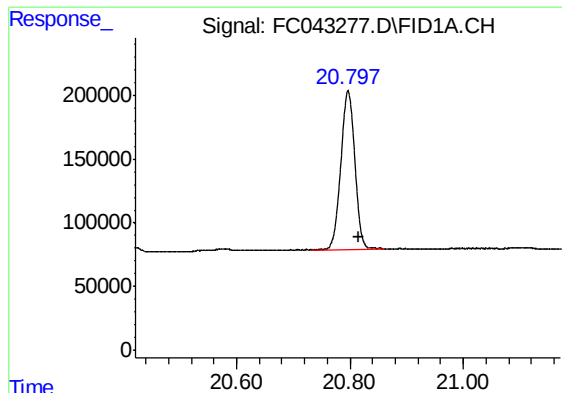
#19 n-Tetatriacontane (C34)

R.T.: 19.331 min
Delta R.T.: -0.016 min
Response: 2298180
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

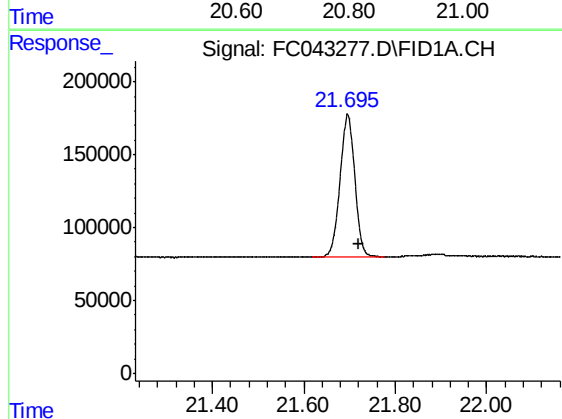
R.T.: 20.066 min
Delta R.T.: -0.017 min
Response: 2213148
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.018 min
Response: 2125220
Conc: 22.72 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.023 min
Response: 2179455
Conc: 22.56 ug/ml