

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031519AL\
 Data File : FC039881.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2019 16:59
 Operator : AJ\SJ
 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: Mar 16 04:05:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 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)	11.144	3409495	20.270 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
12) S 1-chlorooctadecane (S...	12.590	2473126	19.606 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.013	2049889	17.079 ug/ml
2) T n-Decane (C10)	4.062	2139389	17.758 ug/ml
3) T A~Naphthalene (C11.7)	5.614	2529818	19.441 ug/ml
4) T n-Dodecane (C12)	6.061	2267623	18.354 ug/ml
5) T A~2-methylnaphthalene...	6.661	2562696	19.761 ug/ml
6) T n-Tetradecane (C14)	7.839	2341079	18.381 ug/ml
7) T n-Hexadecane (C16)	9.424	2391012	18.451 ug/ml
8) T n-Octadecane (C18)	10.854	2428120	18.050 ug/ml
10) T n-Eicosane (C20)	12.153	2480181	19.020 ug/ml
11) T n-Heneicosane (C21)	12.761	2494314	19.668 ug/ml
13) T n-Docosane (C22)	13.342	2518232	19.991 ug/ml
14) T n-Tetracosane (C24)	14.438	2551759	20.416 ug/ml
15) T n-Hexacosane (C26)	15.453	2576083	20.652 ug/ml
16) T n-Octacosane (C28)	16.396	2636578	19.727 ug/ml
17) T n-Tricontane (C30)	17.279	2657640	18.109 ug/ml
18) T n-Dotriacontane (C32)	18.108	2538201	18.895 ug/ml
19) T n-Tetratriacontane (C34)	18.886	2197510	19.320 ug/ml
20) T n-Hexatriacontane (C36)	19.621	1809906	18.766 ug/ml
21) T n-Octatriacontane (C38)	20.320	1691247	18.420 ug/ml
22) T n-Tetracontane (C40)	21.076	1659737	18.287 ug/ml

(f)=RT Delta > 1/2 Window

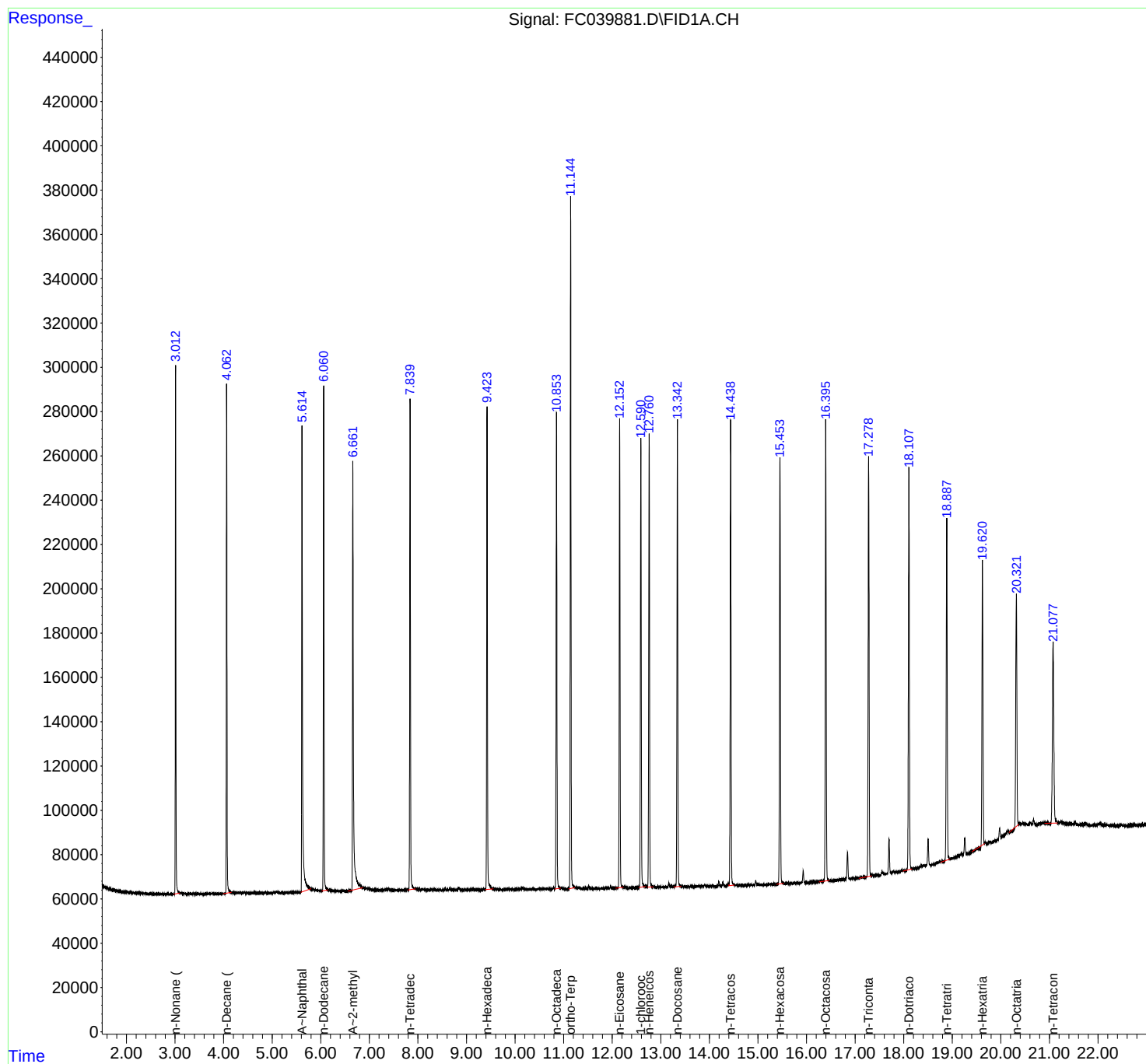
(m)=manual int.

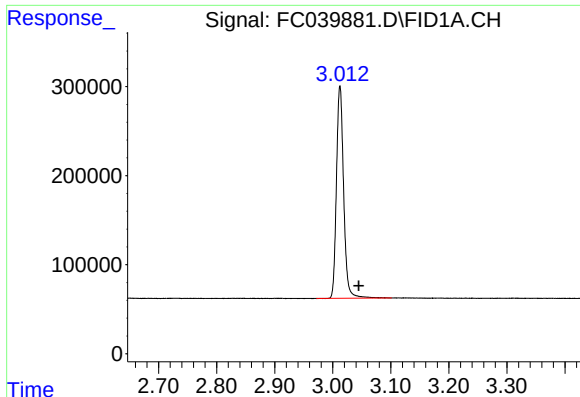
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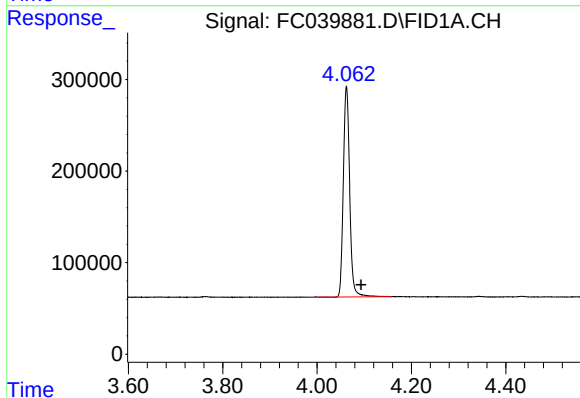




#1 n-Nonane (C9)

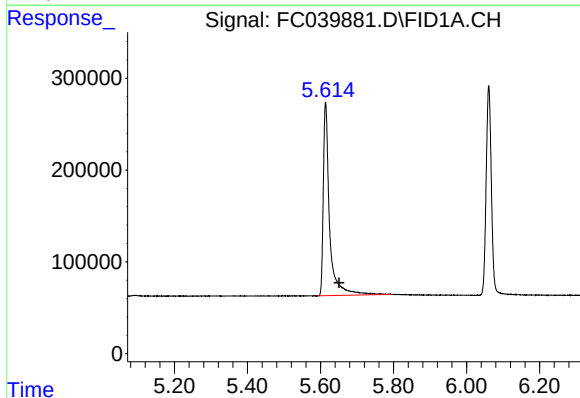
R.T.: 3.013 min
Delta R.T.: -0.032 min
Response: 2049889
Conc: 17.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



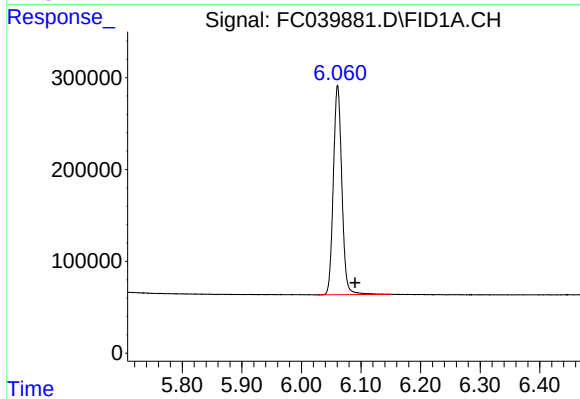
#2 n-Decane (C10)

R.T.: 4.062 min
Delta R.T.: -0.031 min
Response: 2139389
Conc: 17.76 ug/ml



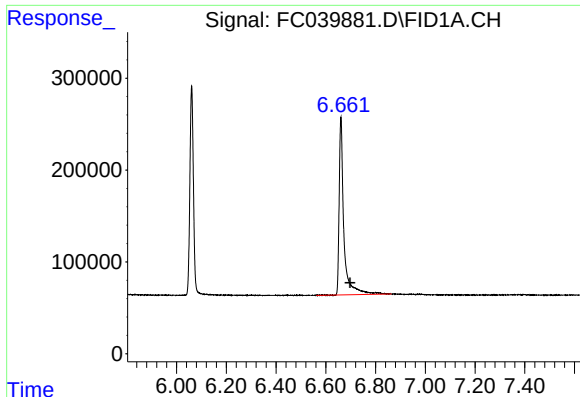
#3 A~Naphthalene (C11.7)

R.T.: 5.614 min
Delta R.T.: -0.036 min
Response: 2529818
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

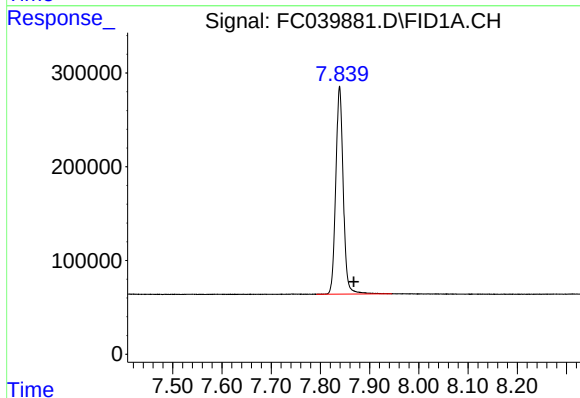
R.T.: 6.061 min
Delta R.T.: -0.029 min
Response: 2267623
Conc: 18.35 ug/ml



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

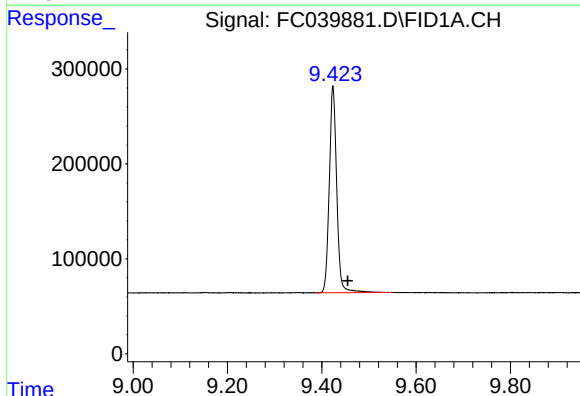
R.T.: 6.661 min
Delta R.T.: -0.036 min
Response: 2562696
Conc: 19.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



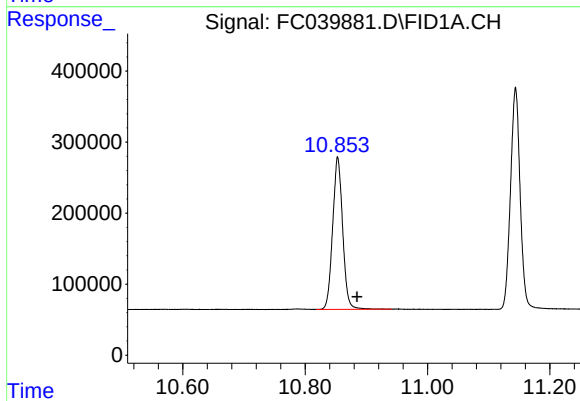
#6 n-Tetradecane (C14)

R.T.: 7.839 min
Delta R.T.: -0.029 min
Response: 2341079
Conc: 18.38 ug/ml



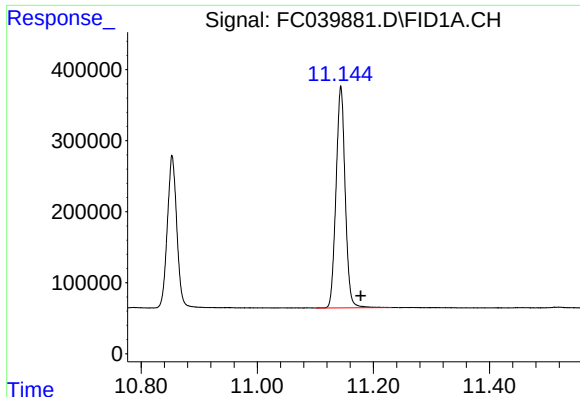
#7 n-Hexadecane (C16)

R.T.: 9.424 min
Delta R.T.: -0.031 min
Response: 2391012
Conc: 18.45 ug/ml



#8 n-Octadecane (C18)

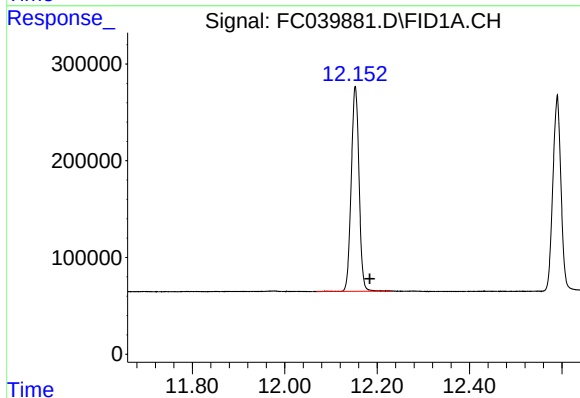
R.T.: 10.854 min
Delta R.T.: -0.031 min
Response: 2428120
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

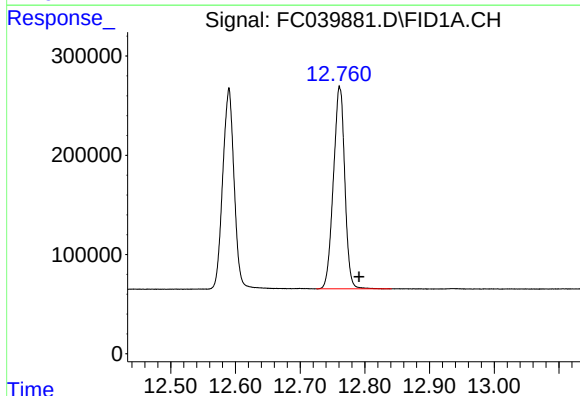
R.T.: 11.144 min
Delta R.T.: -0.034 min
Response: 3409495
Conc: 20.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



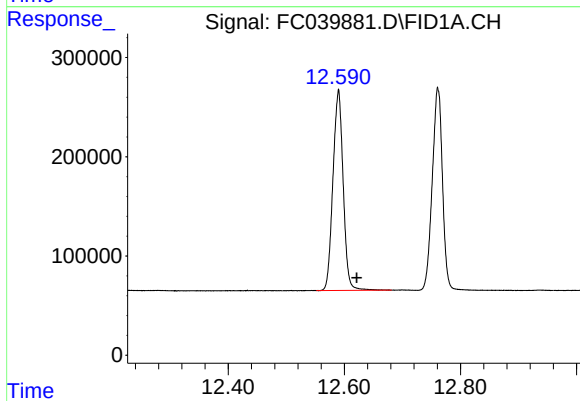
#10 n-Eicosane (C20)

R.T.: 12.153 min
Delta R.T.: -0.031 min
Response: 2480181
Conc: 19.02 ug/ml



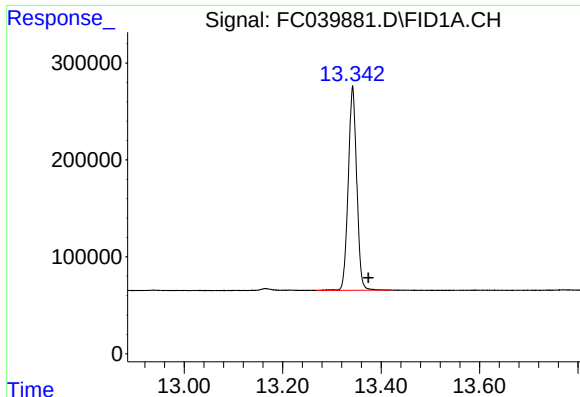
#11 n-Heneicosane (C21)

R.T.: 12.761 min
Delta R.T.: -0.030 min
Response: 2494314
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

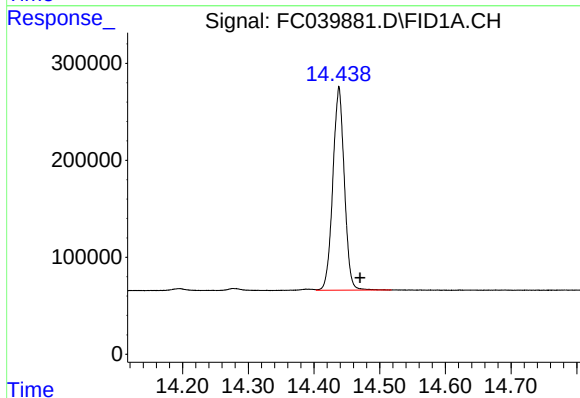
R.T.: 12.590 min
Delta R.T.: -0.032 min
Response: 2473126
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

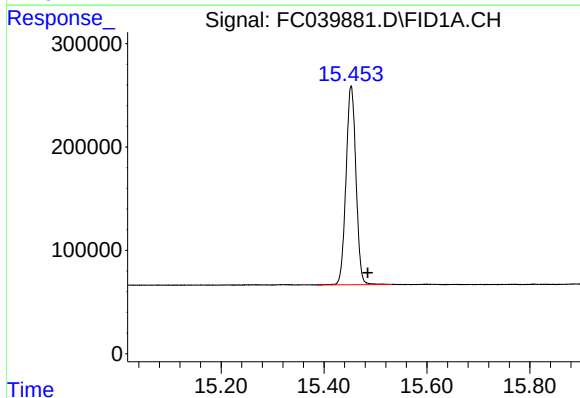
R.T.: 13.342 min
Delta R.T.: -0.032 min
Response: 2518232
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



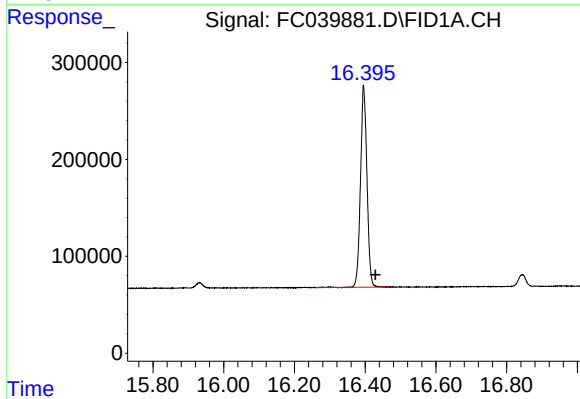
#14 n-Tetracosane (C24)

R.T.: 14.438 min
Delta R.T.: -0.032 min
Response: 2551759
Conc: 20.42 ug/ml



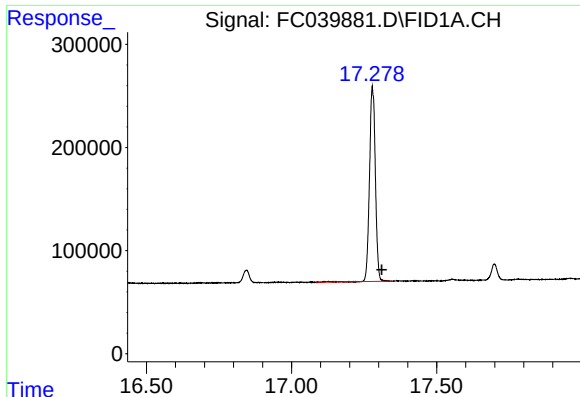
#15 n-Hexacosane (C26)

R.T.: 15.453 min
Delta R.T.: -0.032 min
Response: 2576083
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

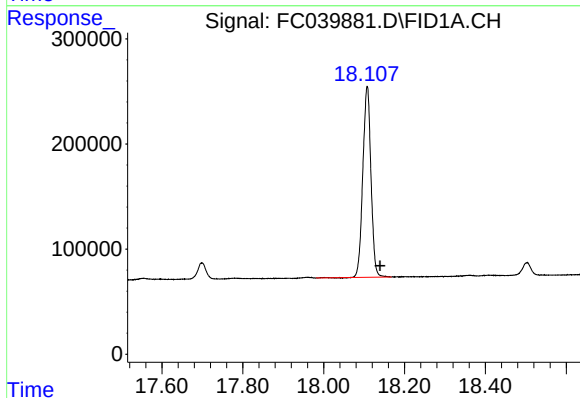
R.T.: 16.396 min
Delta R.T.: -0.033 min
Response: 2636578
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

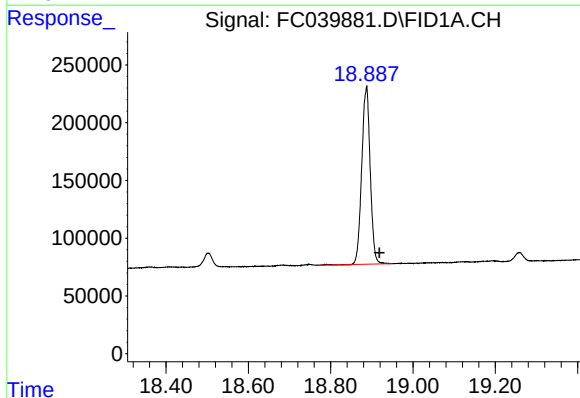
R.T.: 17.279 min
Delta R.T.: -0.033 min
Response: 2657640
Conc: 18.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



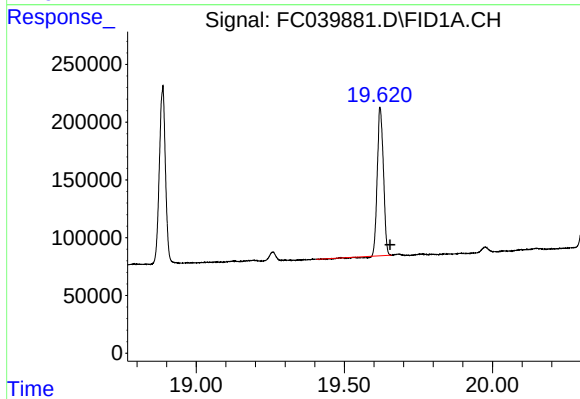
#18 n-Dotriacontane (C32)

R.T.: 18.108 min
Delta R.T.: -0.032 min
Response: 2538201
Conc: 18.89 ug/ml



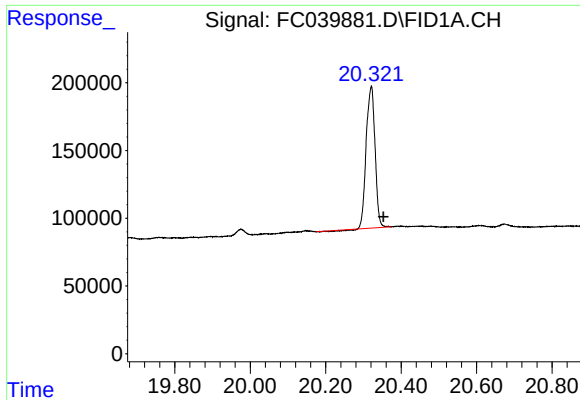
#19 n-Tetratriacontane (C34)

R.T.: 18.886 min
Delta R.T.: -0.032 min
Response: 2197510
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

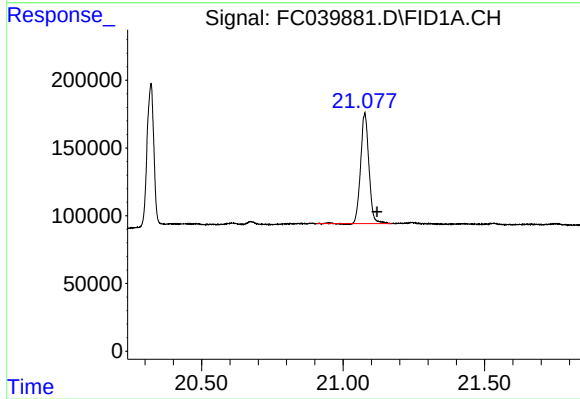
R.T.: 19.621 min
Delta R.T.: -0.034 min
Response: 1809906
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.320 min
Delta R.T.: -0.033 min
Response: 1691247
Conc: 18.42 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.076 min
Delta R.T.: -0.044 min
Response: 1659737
Conc: 18.29 ug/ml