

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031319AL\
 Data File : FC039797.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2019 13:35
 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 13 15:52:55 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)	11.145	3015205	17.926 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
12) S 1-chlorooctadecane (S...	12.590	2189368	17.356 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T n-Nonane (C9)	3.018	1806592	15.052 ug/ml
2) T n-Decane (C10)	4.067	1915228	15.898 ug/ml
3) T A~Naphthalene (C11.7)	5.617	2266938	17.421 ug/ml
4) T n-Dodecane (C12)	6.064	2060590	16.678 ug/ml
5) T A~2-methylnaphthalene...	6.663	2316921	17.866 ug/ml
6) T n-Tetradecane (C14)	7.841	2164372	16.993 ug/ml
7) T n-Hexadecane (C16)	9.426	2216716	17.106 ug/ml
8) T n-Octadecane (C18)	10.855	2226900	16.554 ug/ml
10) T n-Eicosane (C20)	12.154	2226458	17.074 ug/ml
11) T n-Heneicosane (C21)	12.761	2217487	17.485 ug/ml
13) T n-Docosane (C22)	13.343	2211337	17.555 ug/ml
14) T n-Tetracosane (C24)	14.439	2230681	17.847 ug/ml
15) T n-Hexacosane (C26)	15.452	2224206	17.831 ug/ml
16) T n-Octacosane (C28)	16.396	2238137	16.746 ug/ml
17) T n-Tricontane (C30)	17.278	2214139	15.087 ug/ml
18) T n-Dotriacontane (C32)	18.105	2113313	15.732 ug/ml
19) T n-Tetratriacontane (C34)	18.885	1823336	16.030 ug/ml
20) T n-Hexatriacontane (C36)	19.621	1506846	15.624 ug/ml
21) T n-Octatriacontane (C38)	20.316	1380135	15.031 ug/ml
22) T n-Tetracontane (C40)	21.074	1398141	15.405 ug/ml

(f)=RT Delta > 1/2 Window

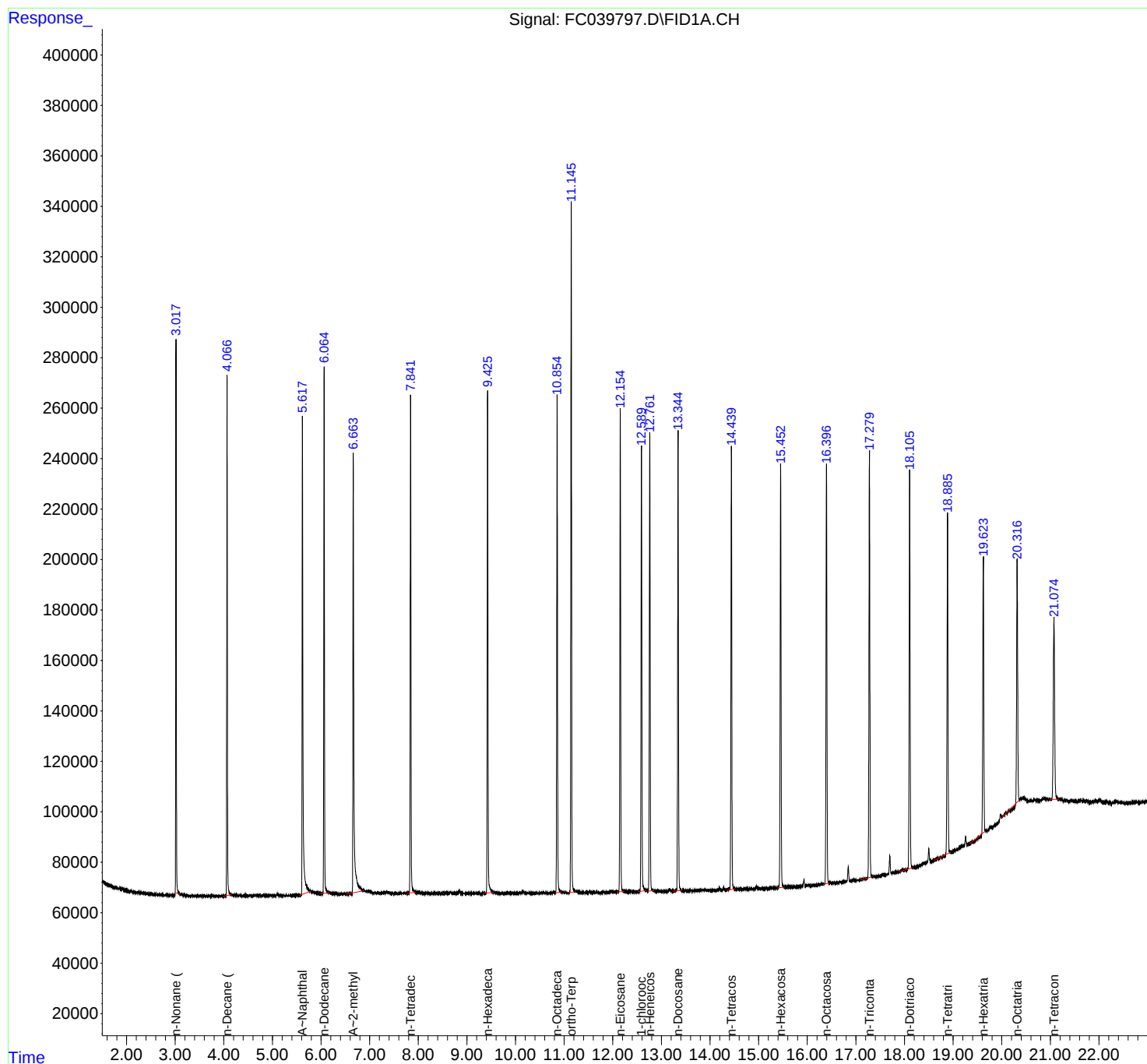
(m)=manual int.

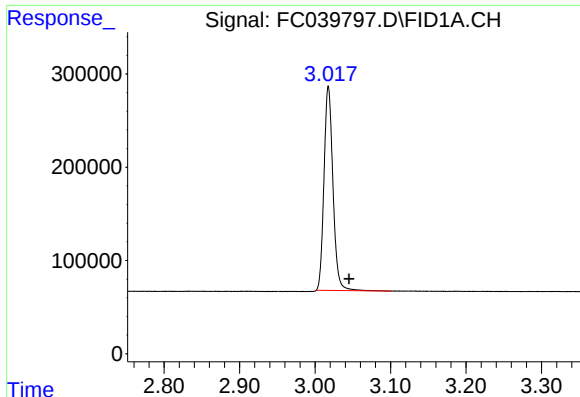
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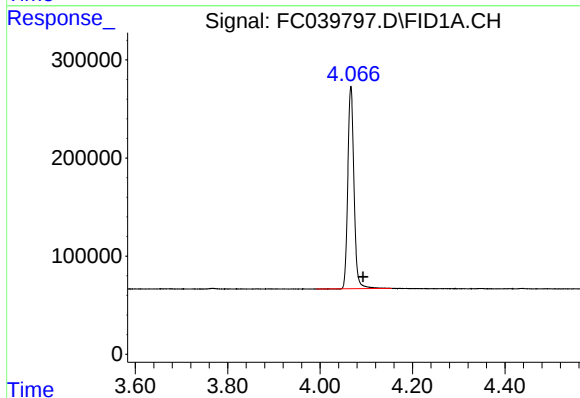




#1 n-Nonane (C9)

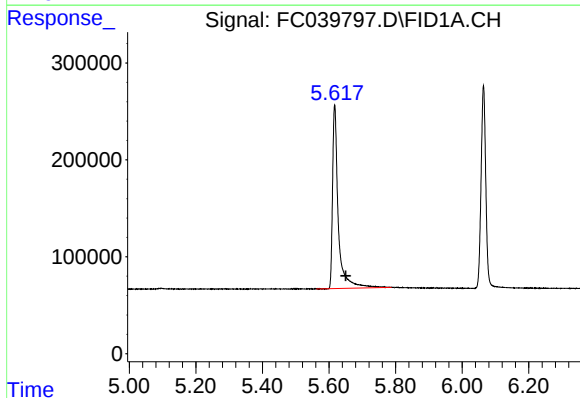
R.T.: 3.018 min
Delta R.T.: -0.027 min
Response: 1806592
Conc: 15.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



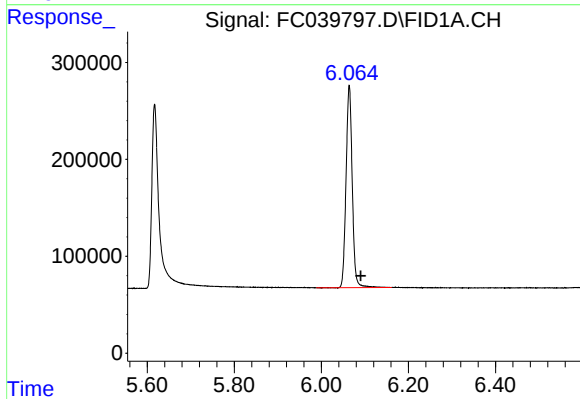
#2 n-Decane (C10)

R.T.: 4.067 min
Delta R.T.: -0.026 min
Response: 1915228
Conc: 15.90 ug/ml



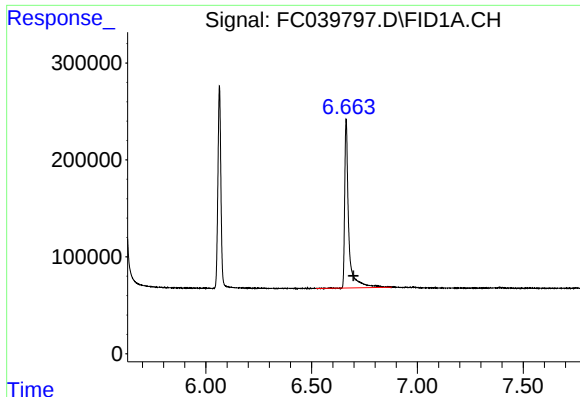
#3 A~Naphthalene (C11.7)

R.T.: 5.617 min
Delta R.T.: -0.033 min
Response: 2266938
Conc: 17.42 ug/ml



#4 n-Dodecane (C12)

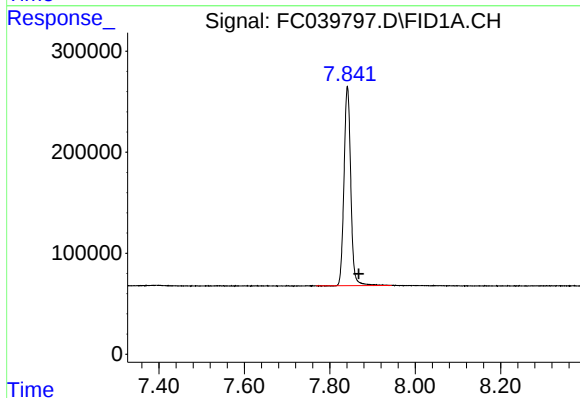
R.T.: 6.064 min
Delta R.T.: -0.026 min
Response: 2060590
Conc: 16.68 ug/ml



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

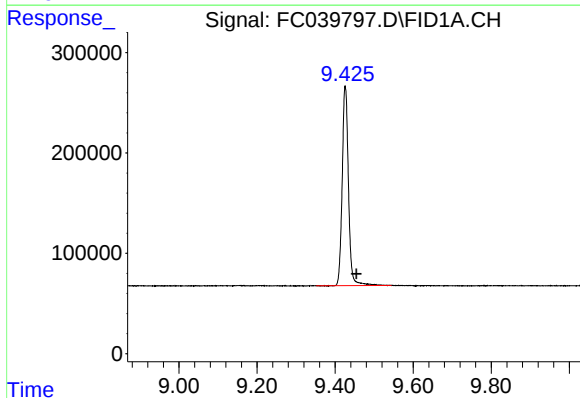
R.T.: 6.663 min
Delta R.T.: -0.034 min
Response: 2316921
Conc: 17.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



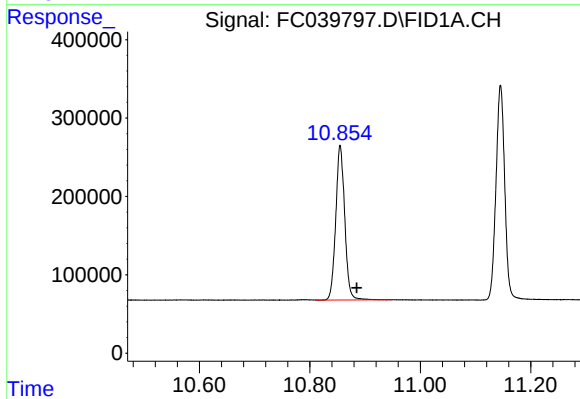
#6 n-Tetradecane (C14)

R.T.: 7.841 min
Delta R.T.: -0.027 min
Response: 2164372
Conc: 16.99 ug/ml



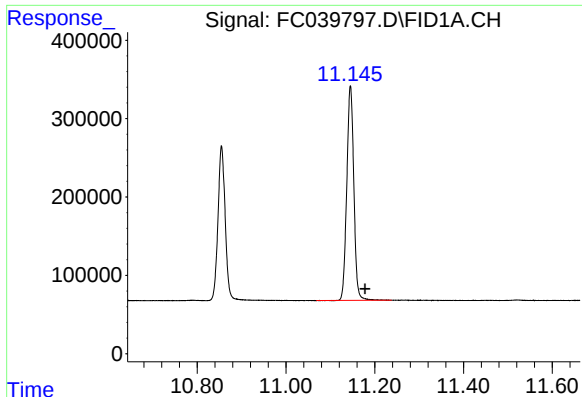
#7 n-Hexadecane (C16)

R.T.: 9.426 min
Delta R.T.: -0.029 min
Response: 2216716
Conc: 17.11 ug/ml



#8 n-Octadecane (C18)

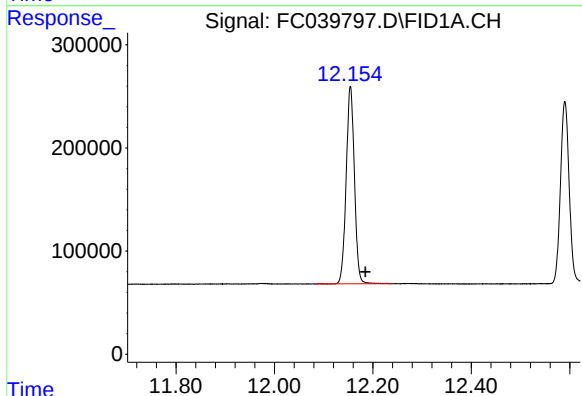
R.T.: 10.855 min
Delta R.T.: -0.030 min
Response: 2226900
Conc: 16.55 ug/ml



#9 ortho-Terphenyl (SURR)

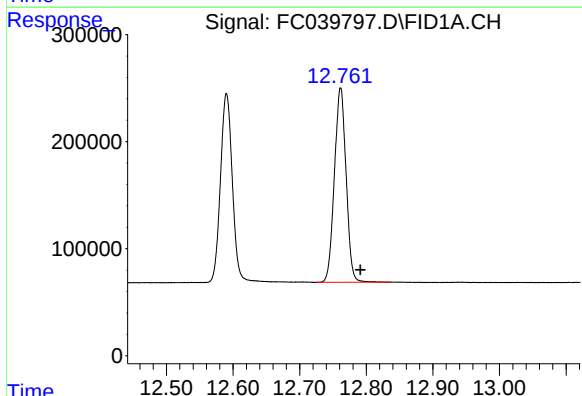
R.T.: 11.145 min
Delta R.T.: -0.033 min
Response: 3015205
Conc: 17.93 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



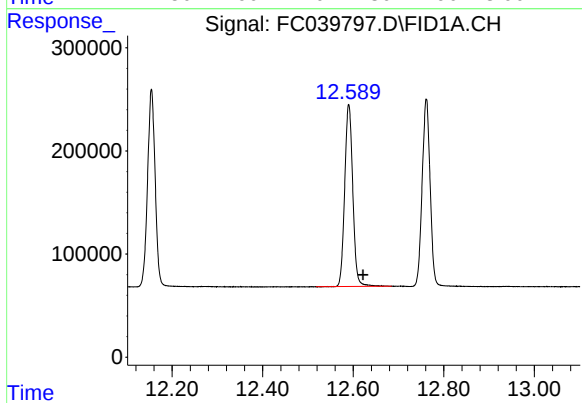
#10 n-Eicosane (C20)

R.T.: 12.154 min
Delta R.T.: -0.030 min
Response: 2226458
Conc: 17.07 ug/ml



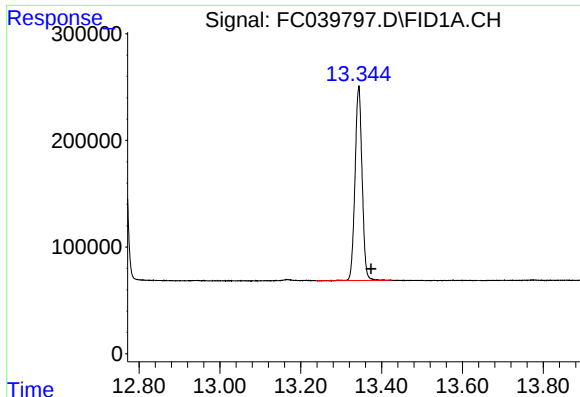
#11 n-Heneicosane (C21)

R.T.: 12.761 min
Delta R.T.: -0.030 min
Response: 2217487
Conc: 17.49 ug/ml



#12 1-chlorooctadecane (SURR)

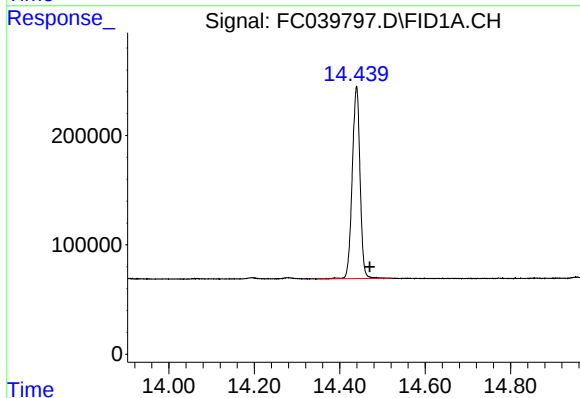
R.T.: 12.590 min
Delta R.T.: -0.031 min
Response: 2189368
Conc: 17.36 ug/ml



#13 n-Docosane (C22)

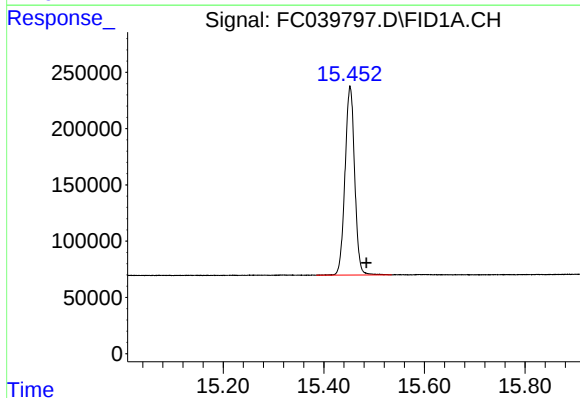
R.T.: 13.343 min
Delta R.T.: -0.031 min
Response: 2211337
Conc: 17.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



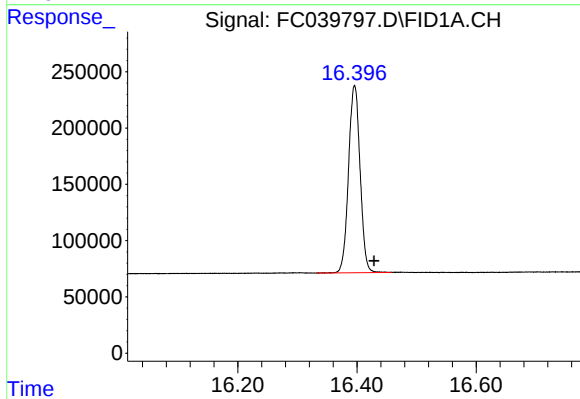
#14 n-Tetracosane (C24)

R.T.: 14.439 min
Delta R.T.: -0.031 min
Response: 2230681
Conc: 17.85 ug/ml



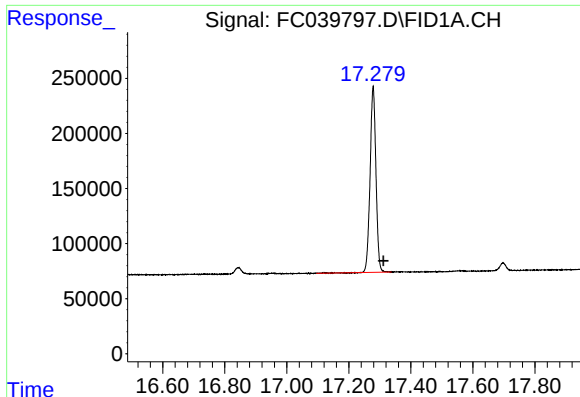
#15 n-Hexacosane (C26)

R.T.: 15.452 min
Delta R.T.: -0.033 min
Response: 2224206
Conc: 17.83 ug/ml



#16 n-Octacosane (C28)

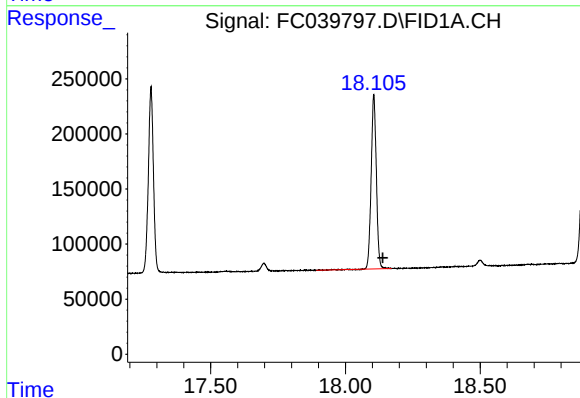
R.T.: 16.396 min
Delta R.T.: -0.033 min
Response: 2238137
Conc: 16.75 ug/ml



#17 n-Tricontane (C30)

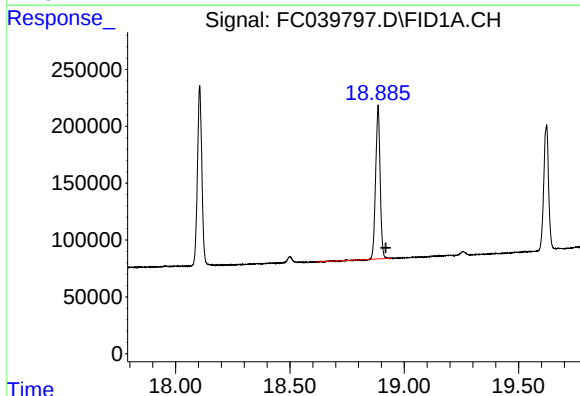
R.T.: 17.278 min
Delta R.T.: -0.033 min
Response: 2214139
Conc: 15.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



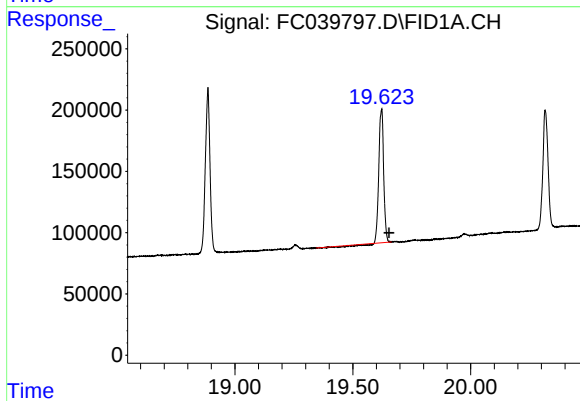
#18 n-Dotriacontane (C32)

R.T.: 18.105 min
Delta R.T.: -0.034 min
Response: 2113313
Conc: 15.73 ug/ml



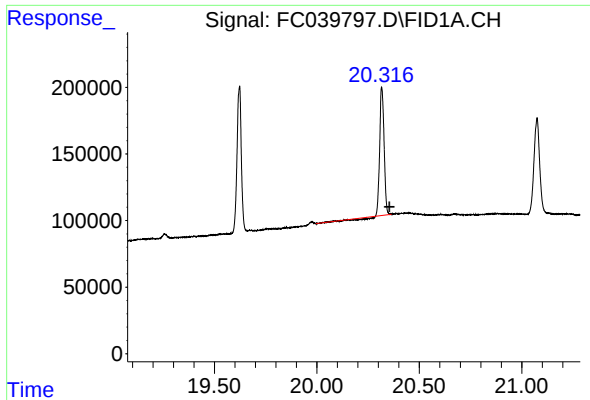
#19 n-Tetratriacontane (C34)

R.T.: 18.885 min
Delta R.T.: -0.033 min
Response: 1823336
Conc: 16.03 ug/ml



#20 n-Hexatriacontane (C36)

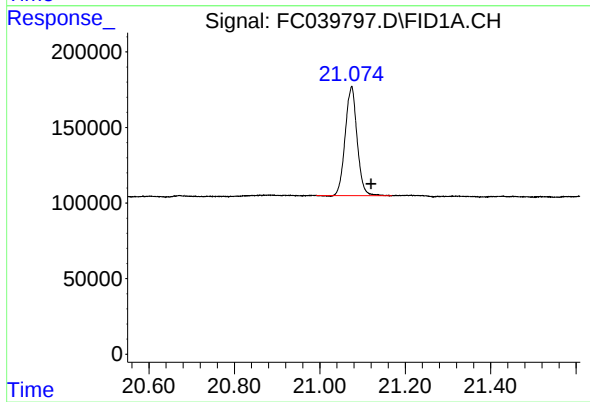
R.T.: 19.621 min
Delta R.T.: -0.034 min
Response: 1506846
Conc: 15.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.316 min
Delta R.T.: -0.037 min
Response: 1380135
Conc: 15.03 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.074 min
Delta R.T.: -0.046 min
Response: 1398141
Conc: 15.41 ug/ml