

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031919AL\
 Data File : FC039978.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2019 12:08
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 00:59:50 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)	11.138	3103849	18.453 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
12) S 1-chlorooctadecane (S...	12.584	2262285	17.934 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
Target Compounds			
1) T n-Nonane (C9)	3.009	1724140	14.365 ug/ml
2) T n-Decane (C10)	4.059	1867479	15.501 ug/ml
3) T A~Naphthalene (C11.7)	5.609	2328739	17.896 ug/ml
4) T n-Dodecane (C12)	6.056	2102896	17.021 ug/ml
5) T A~2-methylnaphthalene...	6.654	2258560	17.416 ug/ml
6) T n-Tetradecane (C14)	7.832	2234331	17.543 ug/ml
7) T n-Hexadecane (C16)	9.419	2281183	17.603 ug/ml
8) T n-Octadecane (C18)	10.848	2281872	16.963 ug/ml
10) T n-Eicosane (C20)	12.148	2293605	17.589 ug/ml
11) T n-Heneicosane (C21)	12.756	2293111	18.081 ug/ml
13) T n-Docosane (C22)	13.337	2297361	18.238 ug/ml
14) T n-Tetracosane (C24)	14.433	2301285	18.412 ug/ml
15) T n-Hexacosane (C26)	15.446	2297554	18.419 ug/ml
16) T n-Octacosane (C28)	16.390	2291304	17.143 ug/ml
17) T n-Tricontane (C30)	17.274	2235147	15.230 ug/ml
18) T n-Dotriacontane (C32)	18.100	2120059	15.782 ug/ml
19) T n-Tetratriacontane (C34)	18.880	1862814	16.377 ug/ml
20) T n-Hexatriacontane (C36)	19.617	1844647	19.126 ug/ml
21) T n-Octatriacontane (C38)	20.313	4938436	53.786 ug/ml
22) T n-Tetracontane (C40)	21.069	1436296	15.826 ug/ml

(f)=RT Delta > 1/2 Window

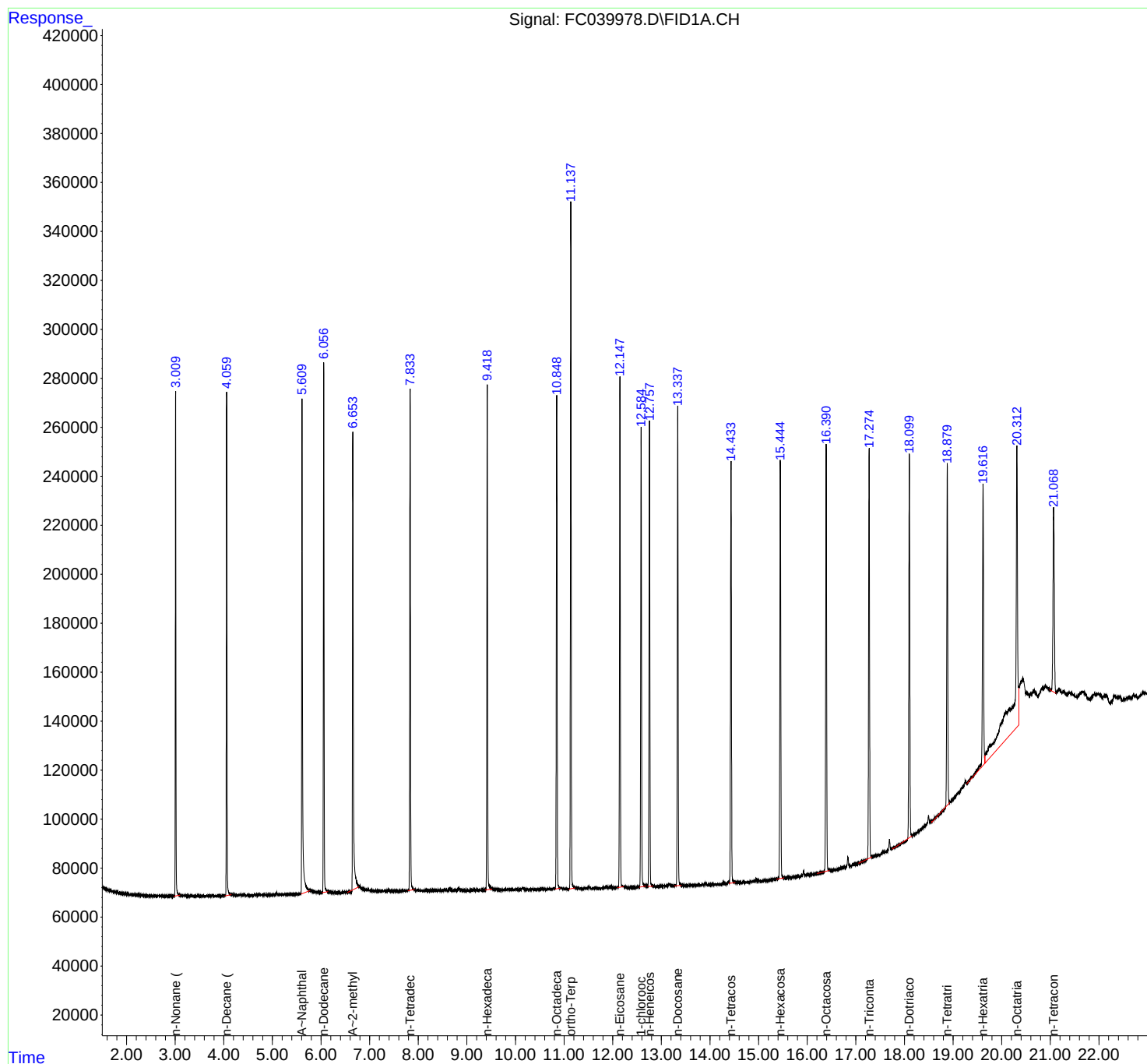
(m)=manual int.

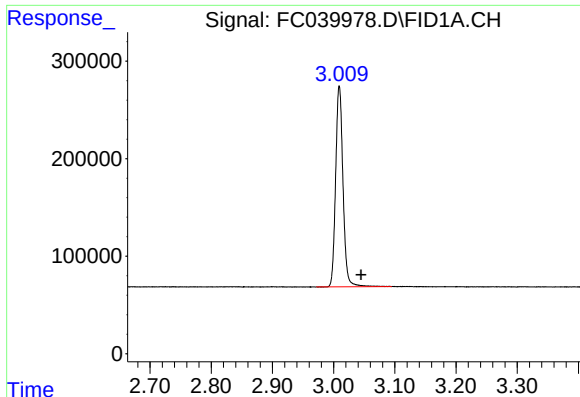
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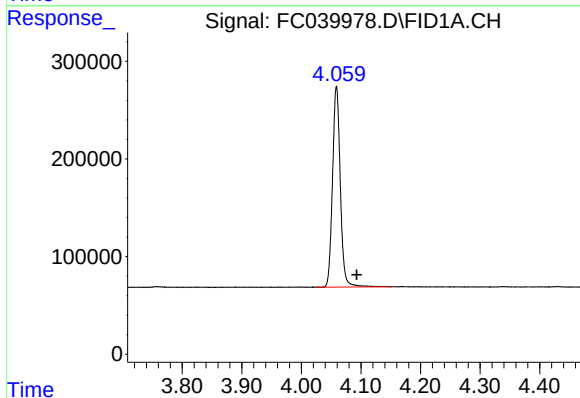




#1 n-Nonane (C9)

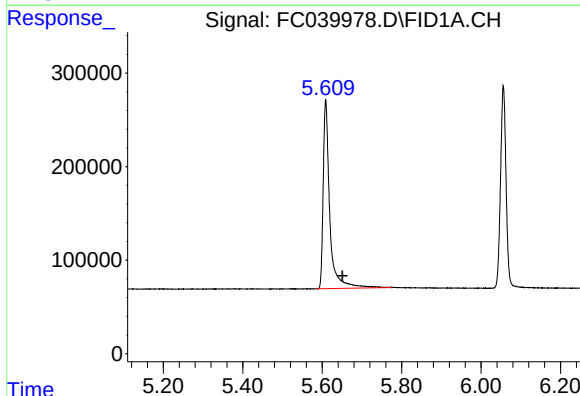
R.T.: 3.009 min
Delta R.T.: -0.036 min
Response: 1724140
Conc: 14.37 ug/ml

Instrument :
FID_C
ClientSampleId :



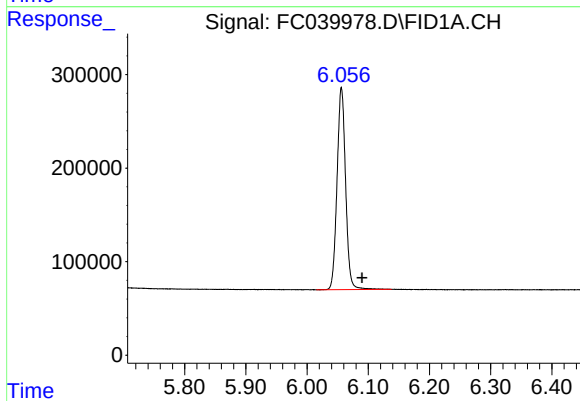
#2 n-Decane (C10)

R.T.: 4.059 min
Delta R.T.: -0.034 min
Response: 1867479
Conc: 15.50 ug/ml



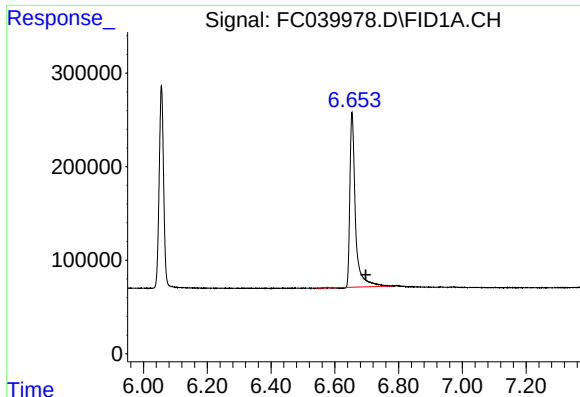
#3 A~Naphthalene (C11.7)

R.T.: 5.609 min
Delta R.T.: -0.042 min
Response: 2328739
Conc: 17.90 ug/ml



#4 n-Dodecane (C12)

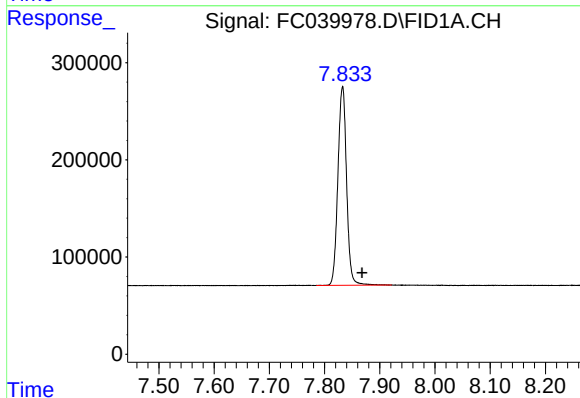
R.T.: 6.056 min
Delta R.T.: -0.034 min
Response: 2102896
Conc: 17.02 ug/ml



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

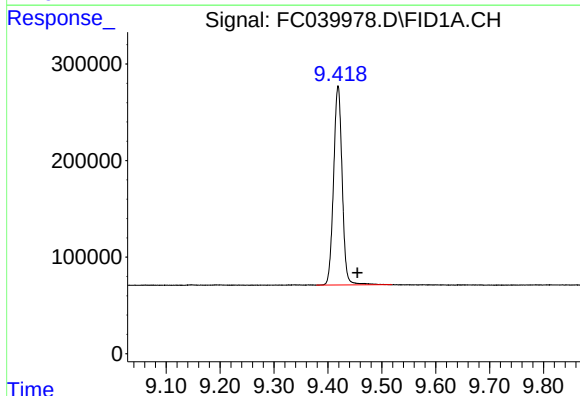
R.T.: 6.654 min
Delta R.T.: -0.043 min
Response: 2258560
Conc: 17.42 ug/ml

Instrument :
FID_C
ClientSampleId :



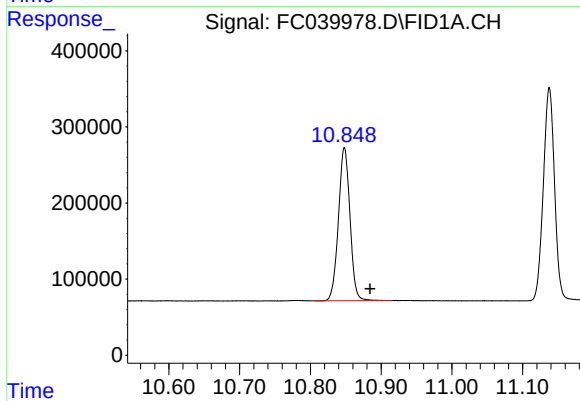
#6 n-Tetradecane (C14)

R.T.: 7.832 min
Delta R.T.: -0.036 min
Response: 2234331
Conc: 17.54 ug/ml



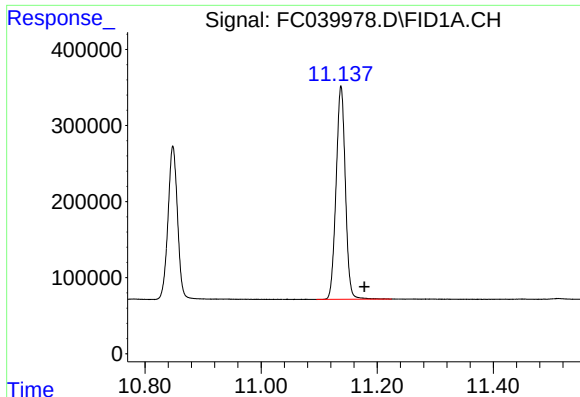
#7 n-Hexadecane (C16)

R.T.: 9.419 min
Delta R.T.: -0.036 min
Response: 2281183
Conc: 17.60 ug/ml



#8 n-Octadecane (C18)

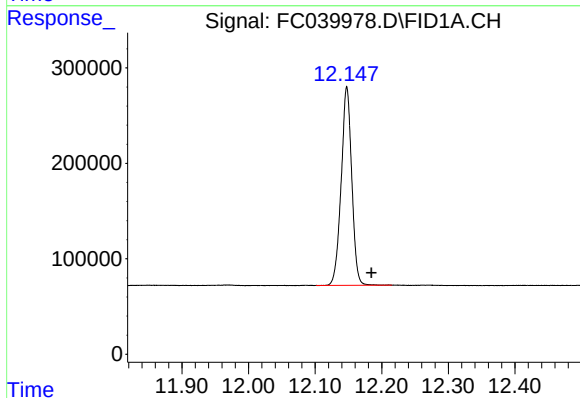
R.T.: 10.848 min
Delta R.T.: -0.036 min
Response: 2281872
Conc: 16.96 ug/ml



#9 ortho-Terphenyl (SURR)

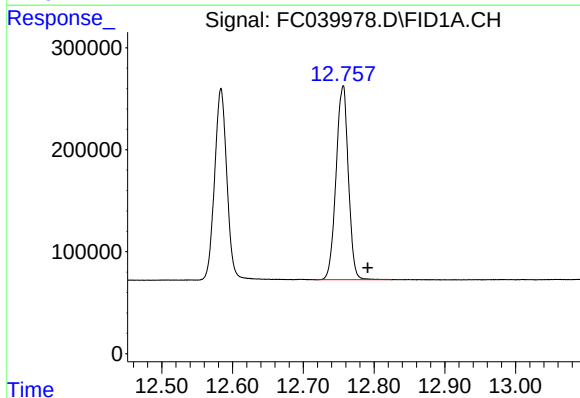
R.T.: 11.138 min
Delta R.T.: -0.040 min
Response: 3103849
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :



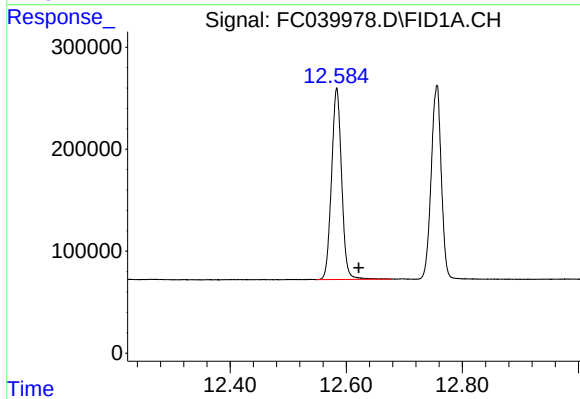
#10 n-Eicosane (C20)

R.T.: 12.148 min
Delta R.T.: -0.037 min
Response: 2293605
Conc: 17.59 ug/ml



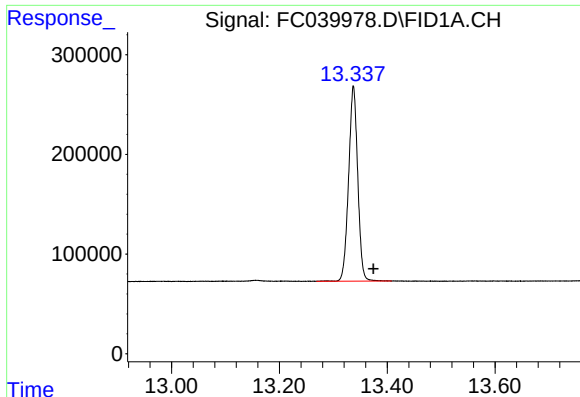
#11 n-Heneicosane (C21)

R.T.: 12.756 min
Delta R.T.: -0.035 min
Response: 2293111
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

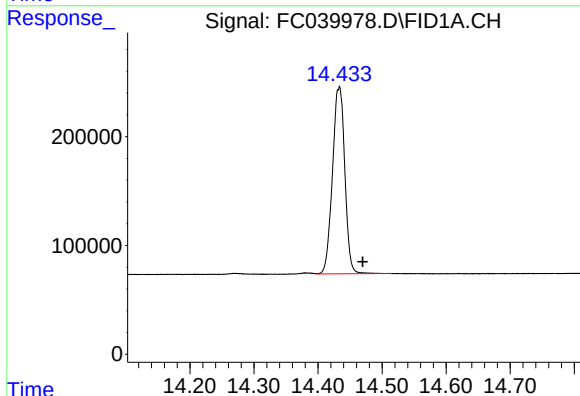
R.T.: 12.584 min
Delta R.T.: -0.038 min
Response: 2262285
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

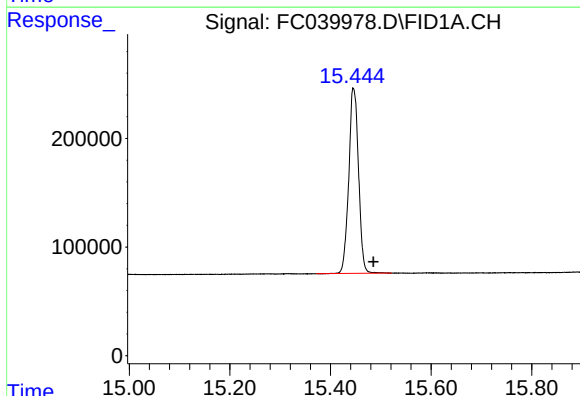
R.T.: 13.337 min
Delta R.T.: -0.037 min
Response: 2297361
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :



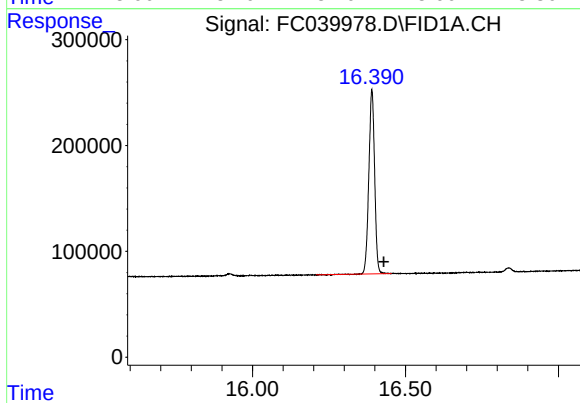
#14 n-Tetracosane (C24)

R.T.: 14.433 min
Delta R.T.: -0.037 min
Response: 2301285
Conc: 18.41 ug/ml



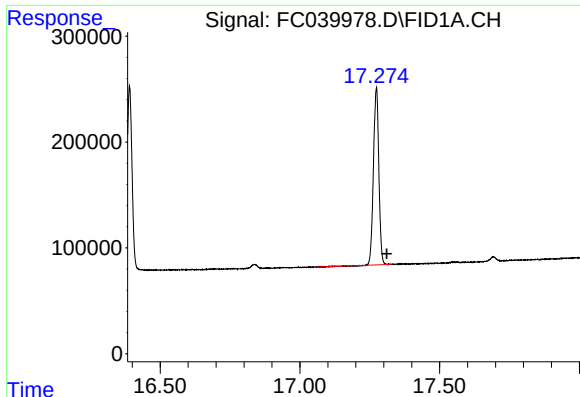
#15 n-Hexacosane (C26)

R.T.: 15.446 min
Delta R.T.: -0.039 min
Response: 2297554
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

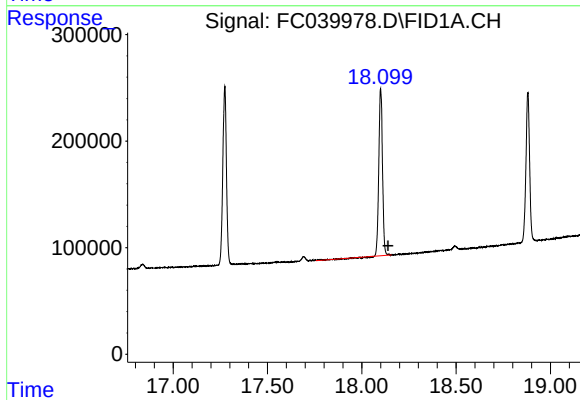
R.T.: 16.390 min
Delta R.T.: -0.038 min
Response: 2291304
Conc: 17.14 ug/ml



#17 n-Tricontane (C30)

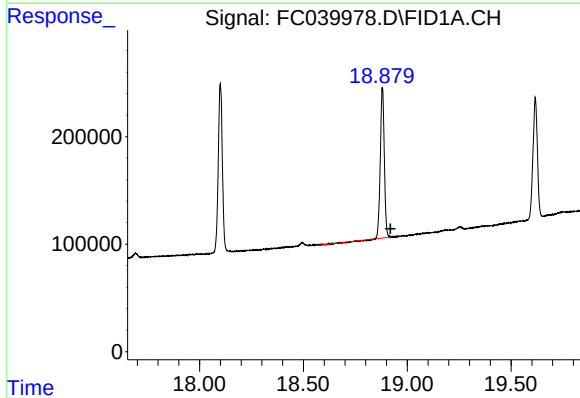
R.T.: 17.274 min
Delta R.T.: -0.038 min
Response: 2235147
Conc: 15.23 ug/ml

Instrument :
FID_C
ClientSampleId :



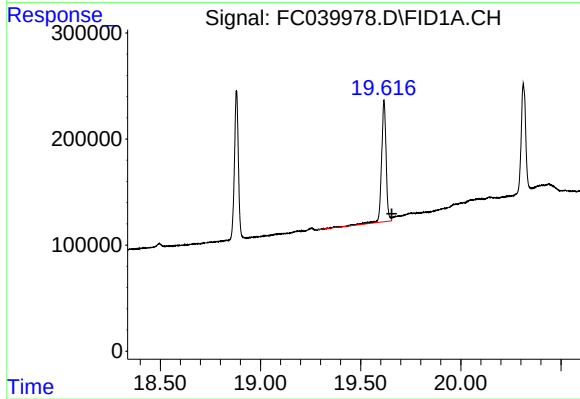
#18 n-Dotriacontane (C32)

R.T.: 18.100 min
Delta R.T.: -0.039 min
Response: 2120059
Conc: 15.78 ug/ml



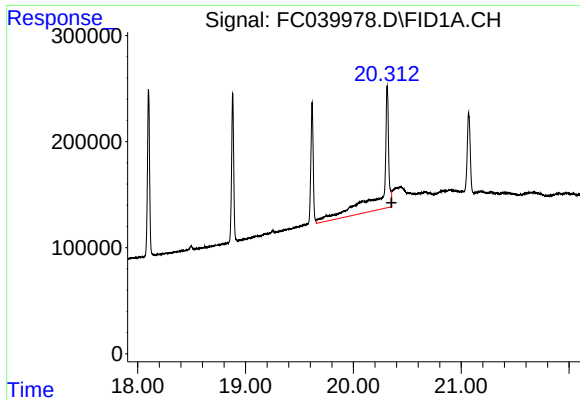
#19 n-Tetratriacontane (C34)

R.T.: 18.880 min
Delta R.T.: -0.038 min
Response: 1862814
Conc: 16.38 ug/ml



#20 n-Hexatriacontane (C36)

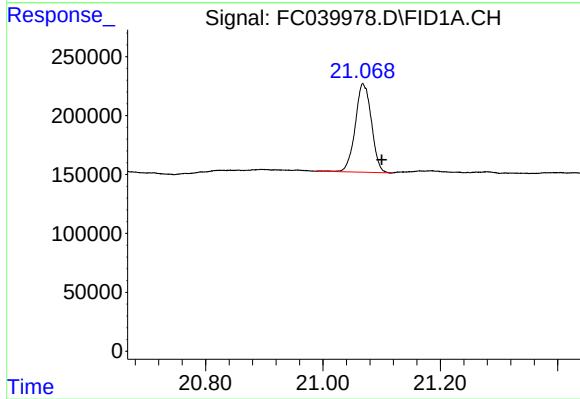
R.T.: 19.617 min
Delta R.T.: -0.038 min
Response: 1844647
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.313 min
Delta R.T.: -0.040 min
Response: 4938436
Conc: 53.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.069 min
Delta R.T.: -0.031 min
Response: 1436296
Conc: 15.83 ug/ml