

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062921AL\
 Data File : FC054489.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2021 10:34
 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: sample.E
 Quant Time: Jun 29 13:31:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 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)	11.336	2800058	19.779 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.779	2185535	19.606 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.147	2357020	20.044 ug/ml
2) T n-Decane (C10)	4.202	2411343	20.308 ug/ml
3) T A~Naphthalene (C11.7)	5.769	2676602	20.359 ug/ml
4) T n-Dodecane (C12)	6.210	2482918	20.716 ug/ml
5) T A~2-methylnaphthalene...	6.821	2717825	20.586 ug/ml
6) T n-Tetradecane (C14)	7.997	2558734	21.001 ug/ml
7) T n-Hexadecane (C16)	9.594	2583660	20.742 ug/ml
8) T n-Octadecane (C18)	11.032	2645100	20.479 ug/ml
10) T n-Eicosane (C20)	12.338	2603231	20.006 ug/ml
11) T n-Heneicosane (C21)	12.948	2619226	19.728 ug/ml
13) T n-Docosane (C22)	13.533	2568366	19.387 ug/ml
14) T n-Tetracosane (C24)	14.634	2585058	19.096 ug/ml
15) T n-Hexacosane (C26)	15.653	2407637	17.768 ug/ml
16) T n-Octacosane (C28)	16.601	2330931	16.982 ug/ml
17) T n-Tricontane (C30)	17.487	2245806	16.215 ug/ml
18) T n-Dotriacontane (C32)	18.319	2150690	15.720 ug/ml
19) T n-Tetratriacontane (C34)	19.102	2099606	15.539 ug/ml
20) T n-Hexatriacontane (C36)	19.840	1987964	16.105 ug/ml
21) T n-Octatriacontane (C38)	20.545	1970094	17.416 ug/ml
22) T n-Tetracontane (C40)	21.367	2090145	18.492 ug/ml

(f)=RT Delta > 1/2 Window

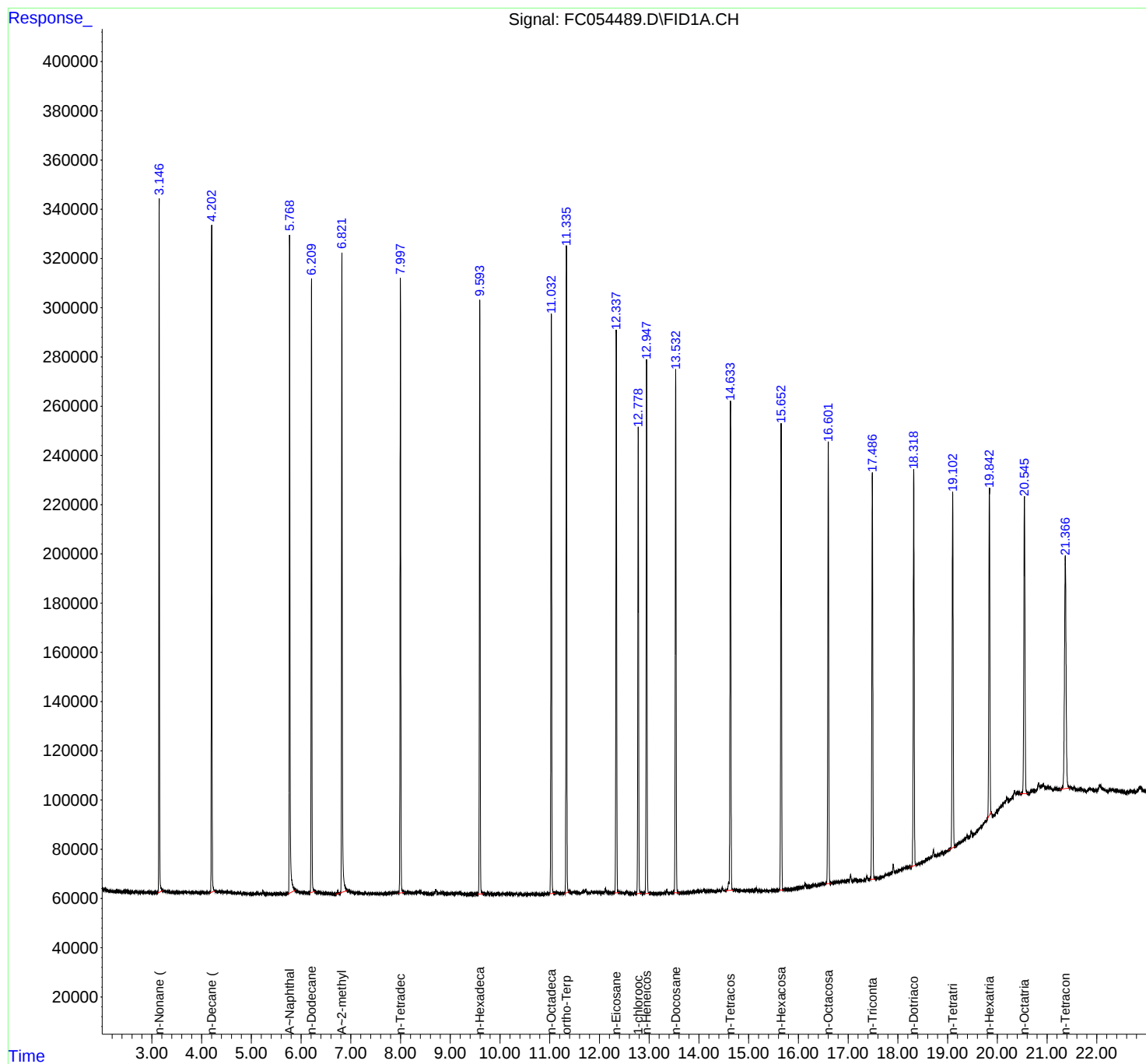
(m)=manual int.

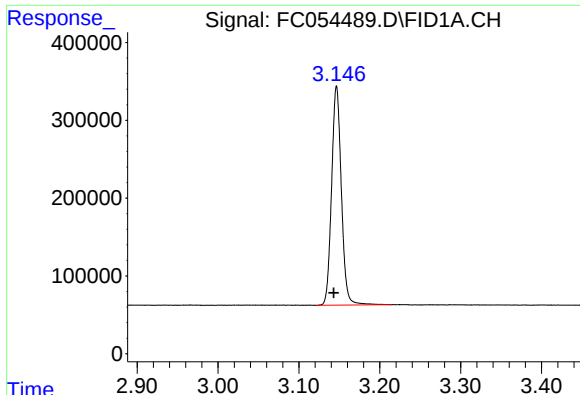
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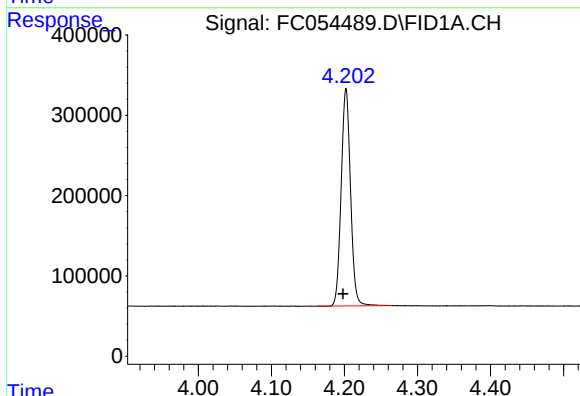




#1 n-Nonane (C9)

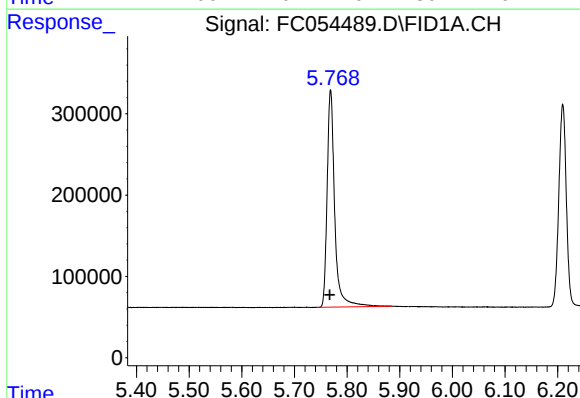
R.T.: 3.147 min
Delta R.T.: 0.004 min
Response: 2357020
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



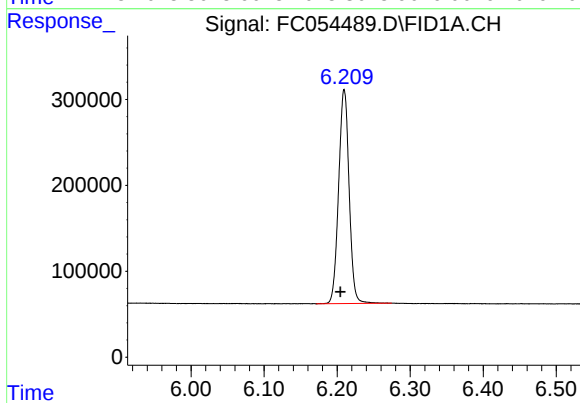
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: 0.004 min
Response: 2411343
Conc: 20.31 ug/ml



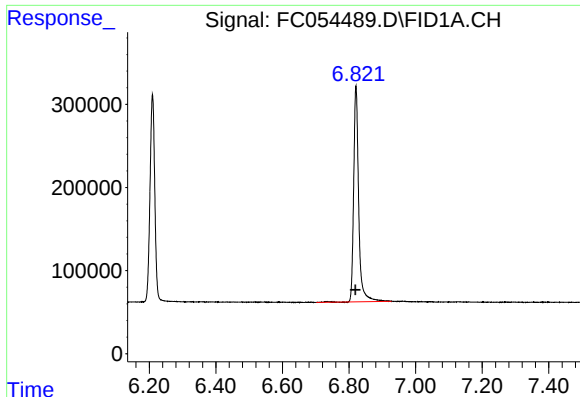
#3 A~Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 2676602
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

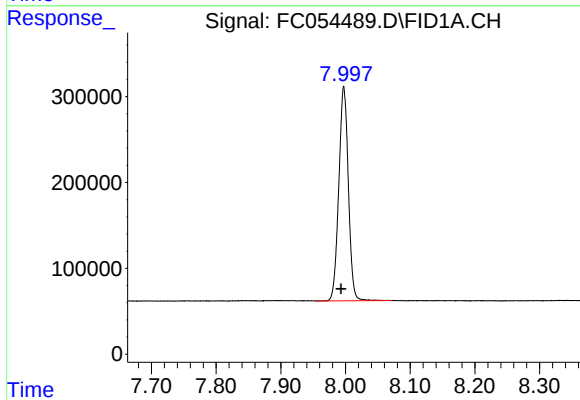
R.T.: 6.210 min
Delta R.T.: 0.005 min
Response: 2482918
Conc: 20.72 ug/ml



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

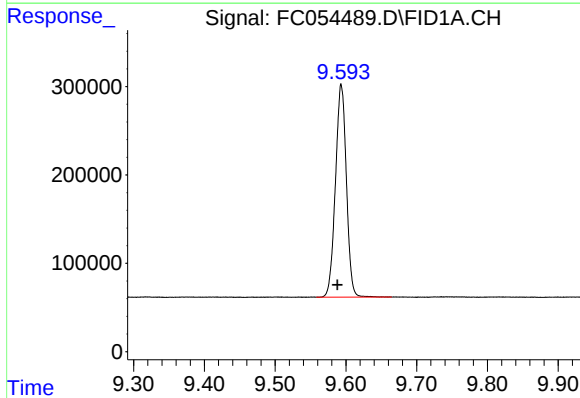
R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 2717825
Conc: 20.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



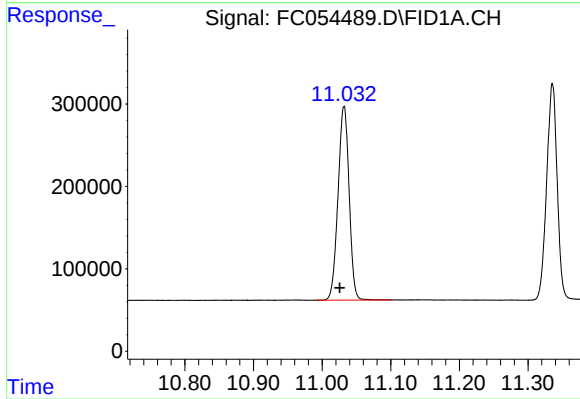
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.004 min
Response: 2558734
Conc: 21.00 ug/ml



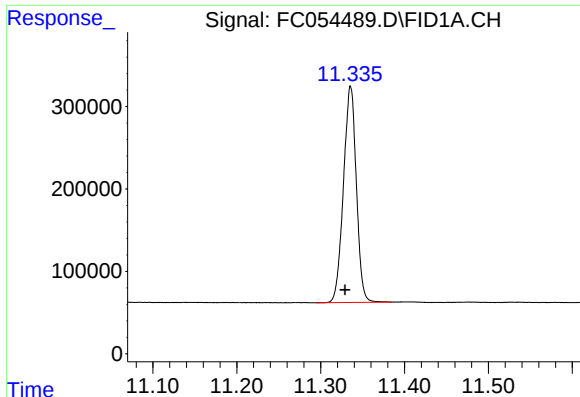
#7 n-Hexadecane (C16)

R.T.: 9.594 min
Delta R.T.: 0.005 min
Response: 2583660
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

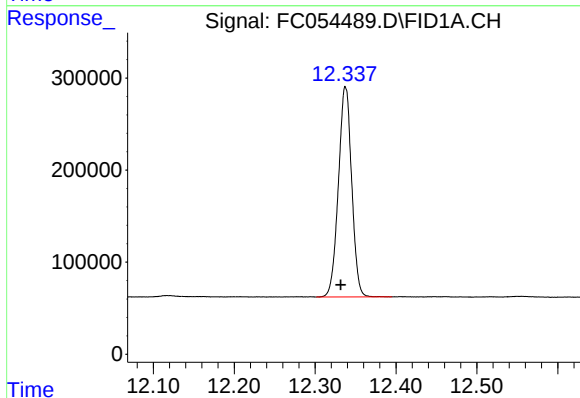
R.T.: 11.032 min
Delta R.T.: 0.006 min
Response: 2645100
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

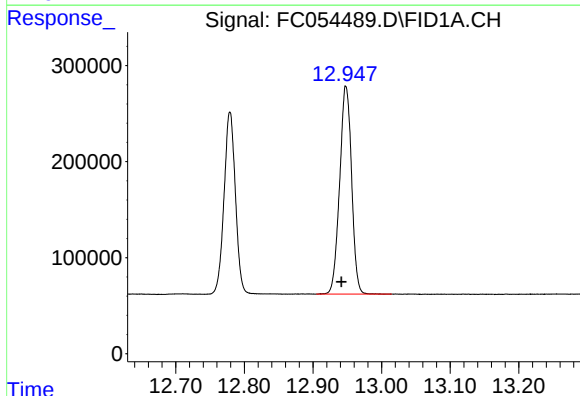
R.T.: 11.336 min
Delta R.T.: 0.007 min
Response: 2800058
Conc: 19.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



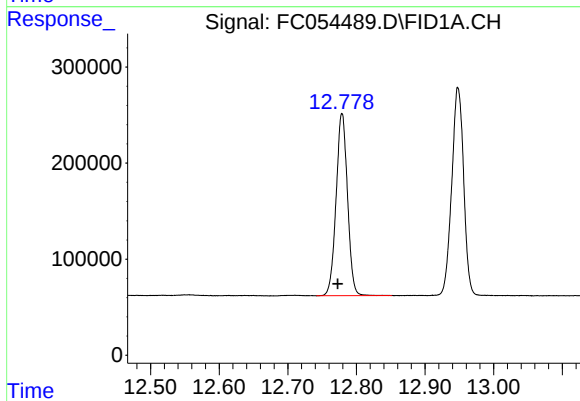
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.006 min
Response: 2603231
Conc: 20.01 ug/ml



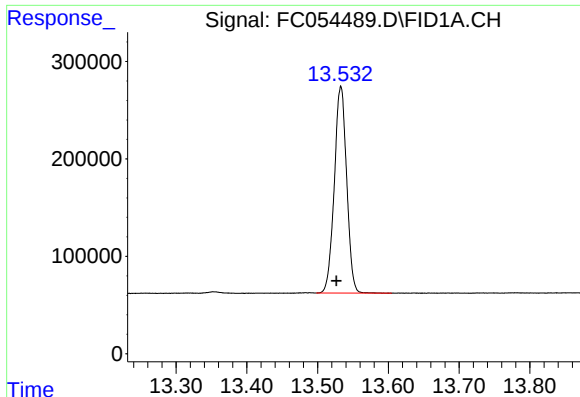
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.007 min
Response: 2619226
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

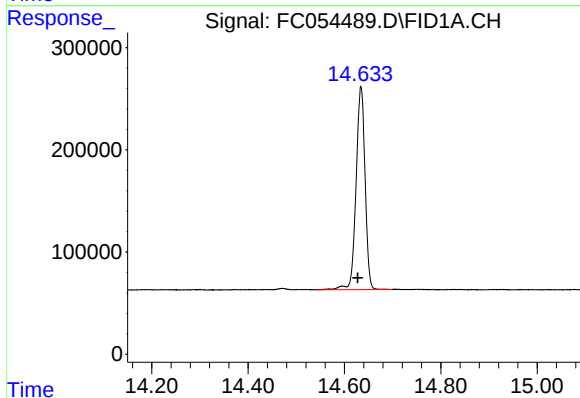
R.T.: 12.779 min
Delta R.T.: 0.006 min
Response: 2185535
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

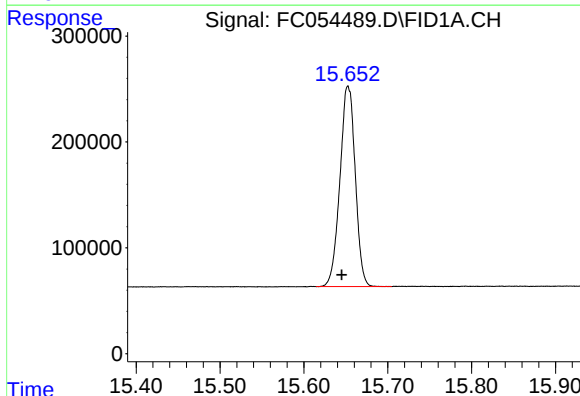
R.T.: 13.533 min
Delta R.T.: 0.006 min
Response: 2568366
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



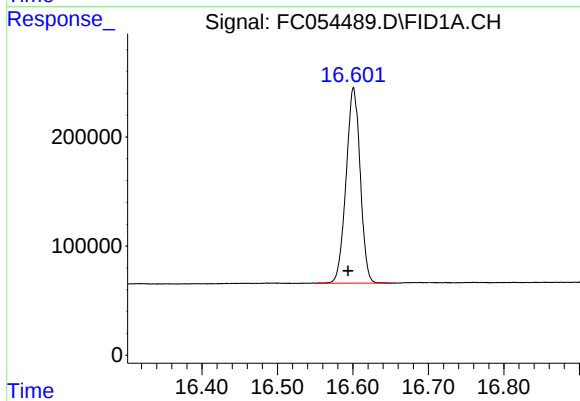
#14 n-Tetracosane (C24)

R.T.: 14.634 min
Delta R.T.: 0.007 min
Response: 2585058
Conc: 19.10 ug/ml



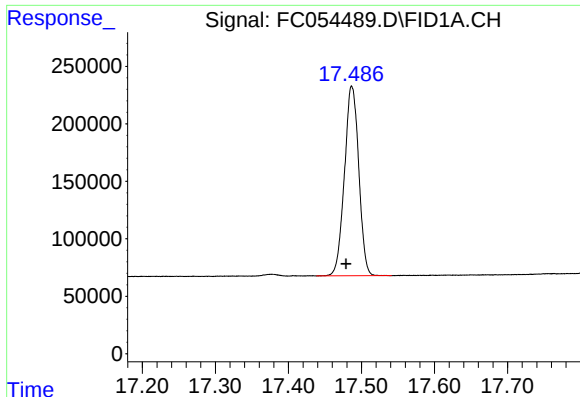
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.007 min
Response: 2407637
Conc: 17.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.601 min
Delta R.T.: 0.007 min
Response: 2330931
Conc: 16.98 ug/ml



#17 n-Tricontane (C30)

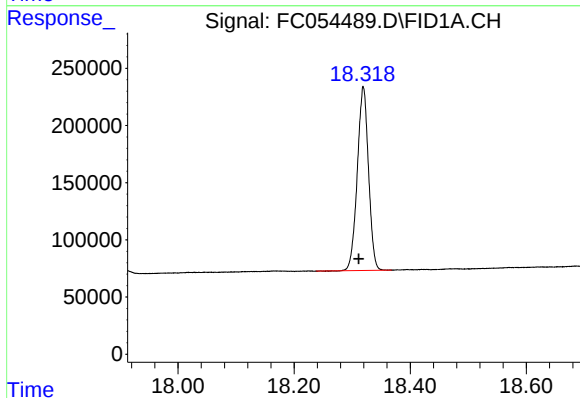
R.T.: 17.487 min

Delta R.T.: 0.008 min

Response: 2245806

Conc: 16.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



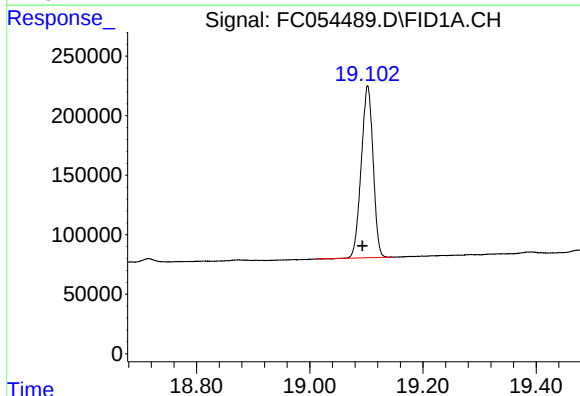
#18 n-Dotriacontane (C32)

R.T.: 18.319 min

Delta R.T.: 0.008 min

Response: 2150690

Conc: 15.72 ug/ml



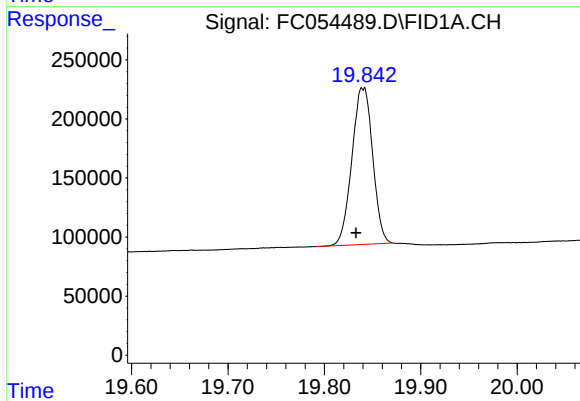
#19 n-Tetratriacontane (C34)

R.T.: 19.102 min

Delta R.T.: 0.009 min

Response: 2099606

Conc: 15.54 ug/ml



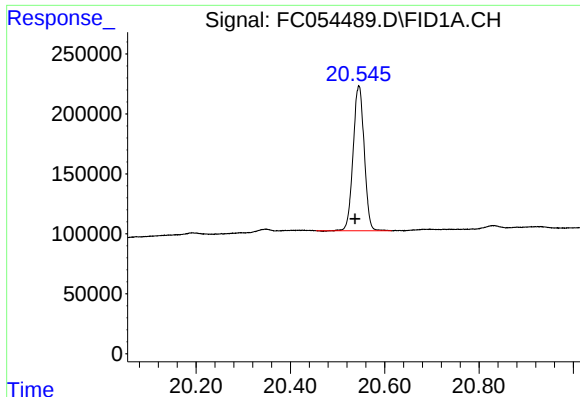
#20 n-Hexatriacontane (C36)

R.T.: 19.840 min

Delta R.T.: 0.007 min

Response: 1987964

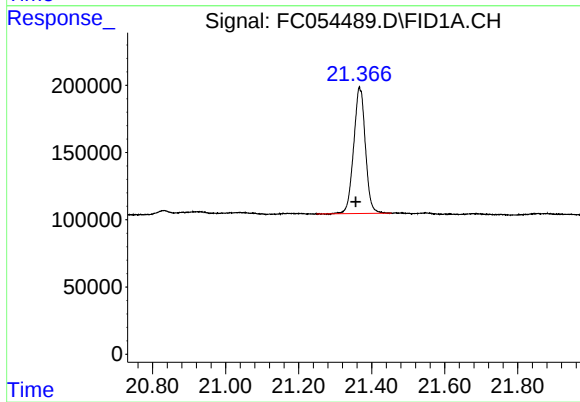
Conc: 16.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.545 min
Delta R.T.: 0.008 min
Response: 1970094
Conc: 17.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: 0.011 min
Response: 2090145
Conc: 18.49 ug/ml