

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072321AL\
 Data File : FC054817.D
 Signal(s) : FID1A.CH
 Acq On : 23 Jul 2021 14:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 23 22:47:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.308	2943198	21.159 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
12) S 1-chlorooctadecane (S...	12.752	2329360	20.954 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
Target Compounds			
1) T n-Nonane (C9)	3.134	2415229	21.049 ug/ml
2) T n-Decane (C10)	4.184	2458830	21.158 ug/ml
3) T A~Naphthalene (C11.7)	5.748	2593928	21.559 ug/ml
4) T n-Dodecane (C12)	6.187	2556619	21.391 ug/ml
5) T A~2-methylnaphthalene...	6.799	2655490	21.744 ug/ml
6) T n-Tetradecane (C14)	7.973	2621201	21.307 ug/ml
7) T n-Hexadecane (C16)	9.568	2683432	21.286 ug/ml
8) T n-Octadecane (C18)	11.005	2785448	21.250 ug/ml
10) T n-Eicosane (C20)	12.311	2772999	21.045 ug/ml
11) T n-Heneicosane (C21)	12.922	2788687	20.939 ug/ml
13) T n-Docosane (C22)	13.506	2750478	20.770 ug/ml
14) T n-Tetracosane (C24)	14.606	2736438	20.755 ug/ml
15) T n-Hexacosane (C26)	15.625	2612841	20.314 ug/ml
16) T n-Octacosane (C28)	16.573	2510748	19.063 ug/ml
17) T n-Tricontane (C30)	17.458	2369774	16.653 ug/ml
18) T n-Dotriacontane (C32)	18.289	2229108	18.012 ug/ml
19) T n-Tetratriacontane (C34)	19.073	2133190	20.833 ug/ml
20) T n-Hexatriacontane (C36)	19.811	2051218	21.659 ug/ml
21) T n-Octatriacontane (C38)	20.515	2029368	21.795 ug/ml
22) T n-Tetracontane (C40)	21.328	2098861	21.625 ug/ml

(f)=RT Delta > 1/2 Window

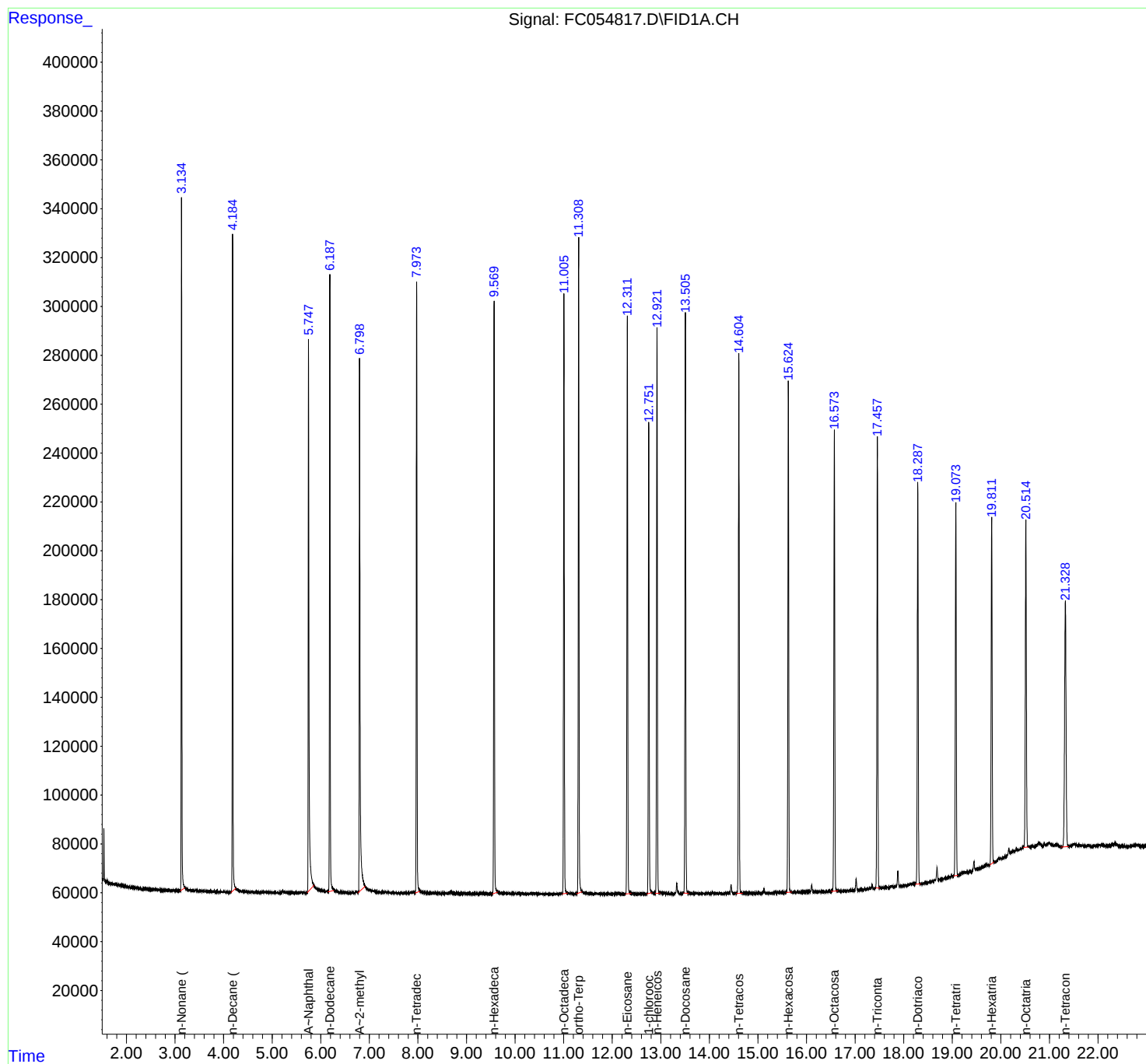
(m)=manual int.

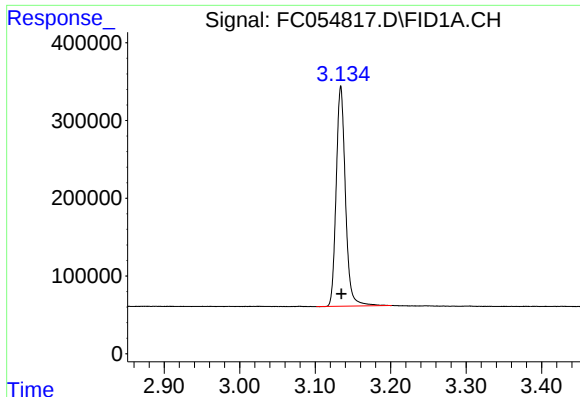
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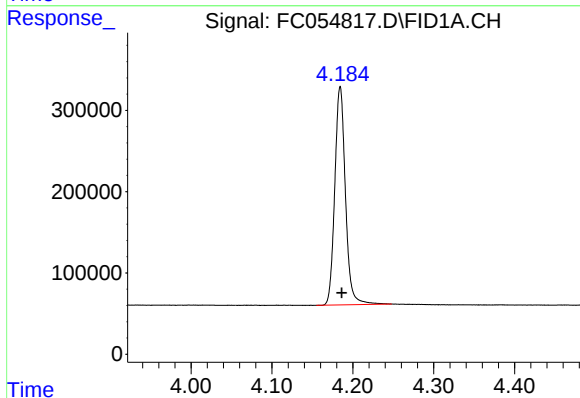




#1 n-Nonane (C9)

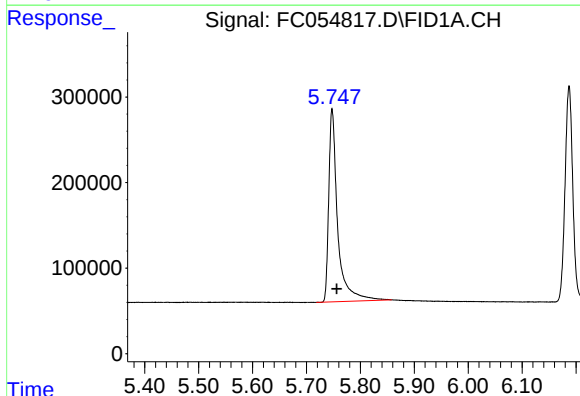
R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 2415229
Conc: 21.05 ug/ml

Instrument :
FID_C
ClientSampleId :



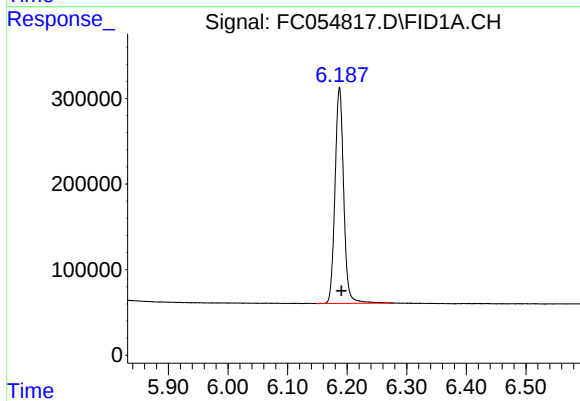
#2 n-Decane (C10)

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 2458830
Conc: 21.16 ug/ml



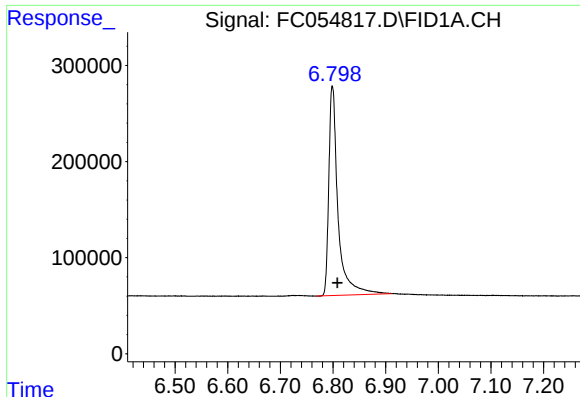
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.008 min
Response: 2593928
Conc: 21.56 ug/ml



#4 n-Dodecane (C12)

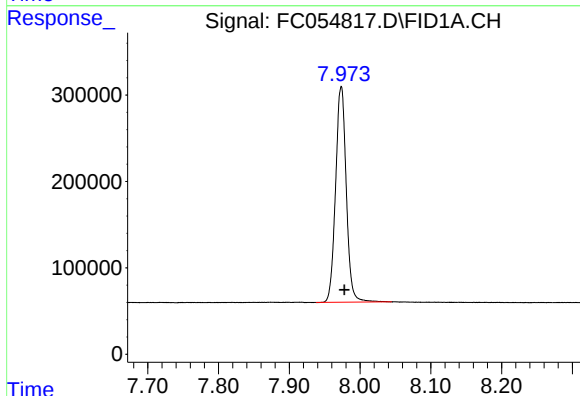
R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 2556619
Conc: 21.39 ug/ml



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

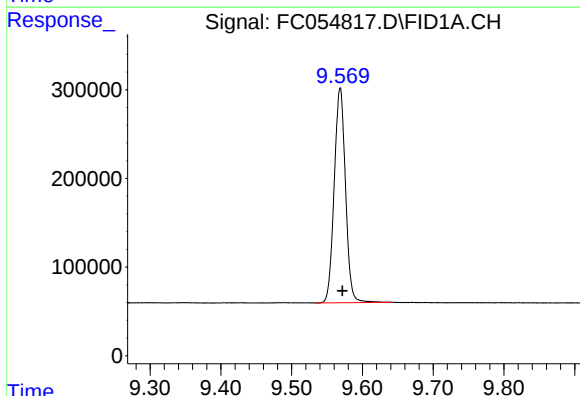
R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 2655490
Conc: 21.74 ug/ml

Instrument :
FID_C
ClientSampleId :



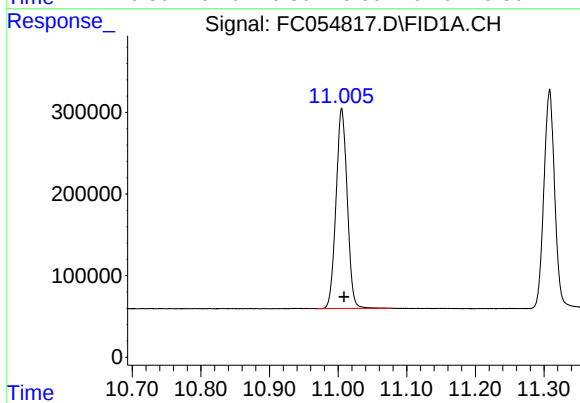
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: -0.004 min
Response: 2621201
Conc: 21.31 ug/ml



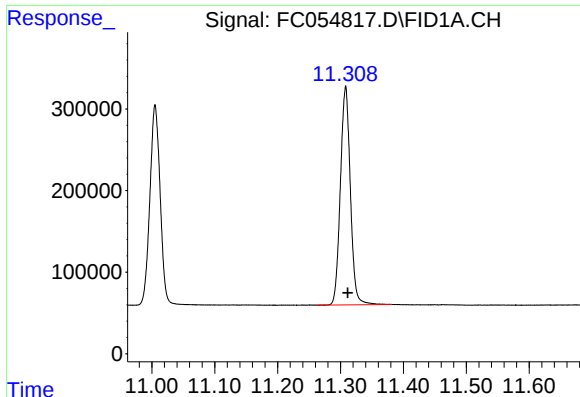
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: -0.003 min
Response: 2683432
Conc: 21.29 ug/ml



#8 n-Octadecane (C18)

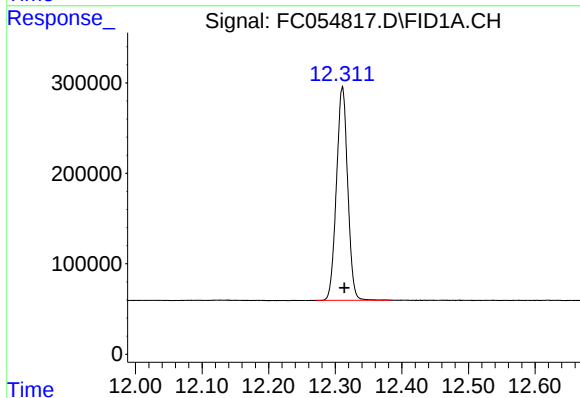
R.T.: 11.005 min
Delta R.T.: -0.003 min
Response: 2785448
Conc: 21.25 ug/ml



#9 ortho-Terphenyl (SURR)

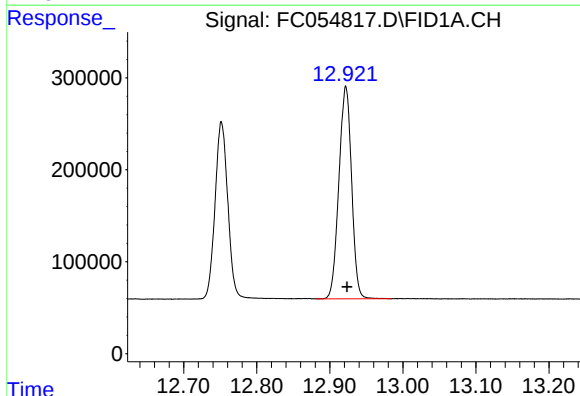
R.T.: 11.308 min
Delta R.T.: -0.003 min
Response: 2943198
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :



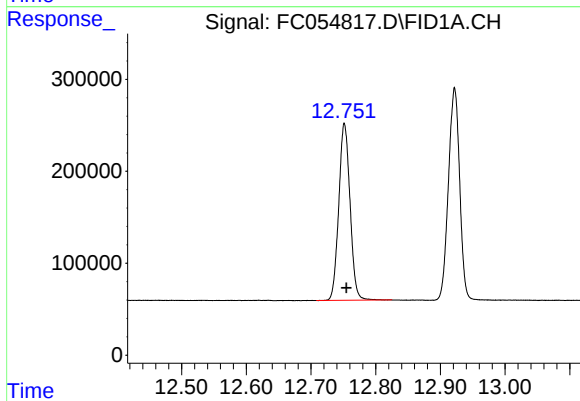
#10 n-Eicosane (C20)

R.T.: 12.311 min
Delta R.T.: -0.003 min
Response: 2772999
Conc: 21.05 ug/ml



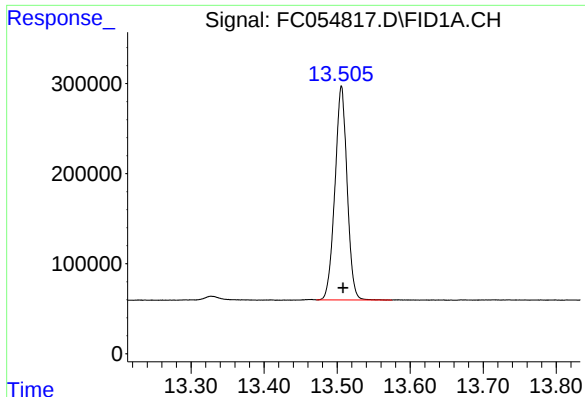
#11 n-Heneicosane (C21)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 2788687
Conc: 20.94 ug/ml



#12 1-chlorooctadecane (SURR)

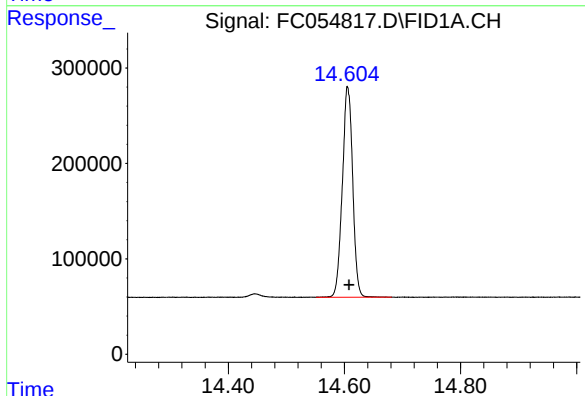
R.T.: 12.752 min
Delta R.T.: -0.003 min
Response: 2329360
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

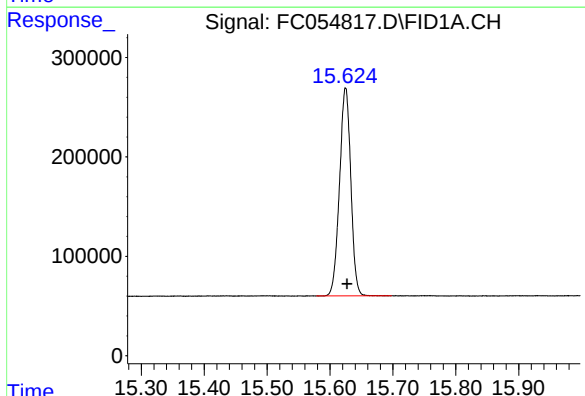
R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 2750478
Conc: 20.77 ug/ml

Instrument :
FID_C
ClientSampleId :



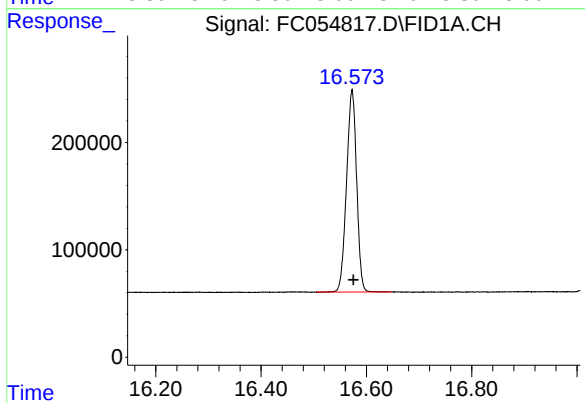
#14 n-Tetracosane (C24)

R.T.: 14.606 min
Delta R.T.: -0.002 min
Response: 2736438
Conc: 20.76 ug/ml



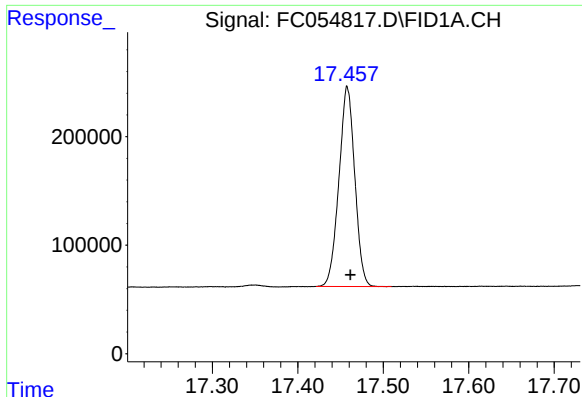
#15 n-Hexacosane (C26)

R.T.: 15.625 min
Delta R.T.: -0.002 min
Response: 2612841
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

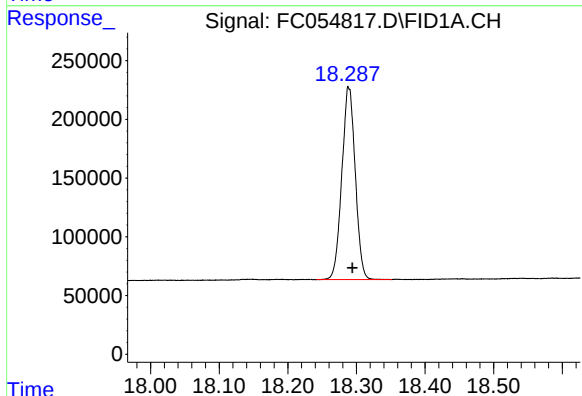
R.T.: 16.573 min
Delta R.T.: -0.002 min
Response: 2510748
Conc: 19.06 ug/ml



#17 n-Tricontane (C30)

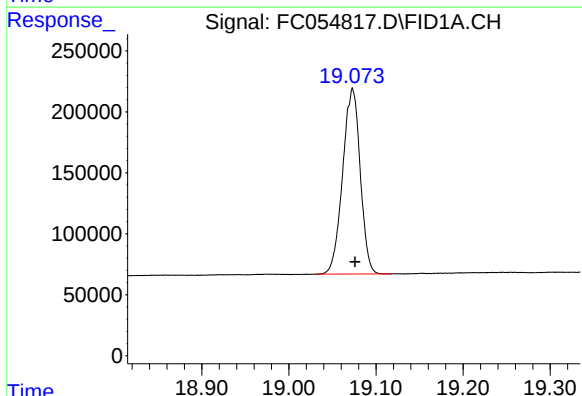
R.T.: 17.458 min
Delta R.T.: -0.004 min
Response: 2369774
Conc: 16.65 ug/ml

Instrument :
FID_C
ClientSampleId :



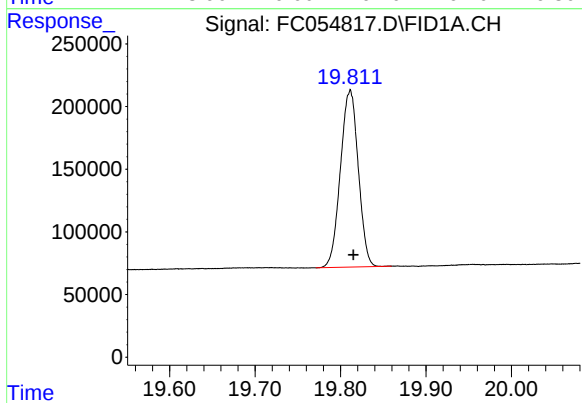
#18 n-Dotriacontane (C32)

R.T.: 18.289 min
Delta R.T.: -0.005 min
Response: 2229108
Conc: 18.01 ug/ml



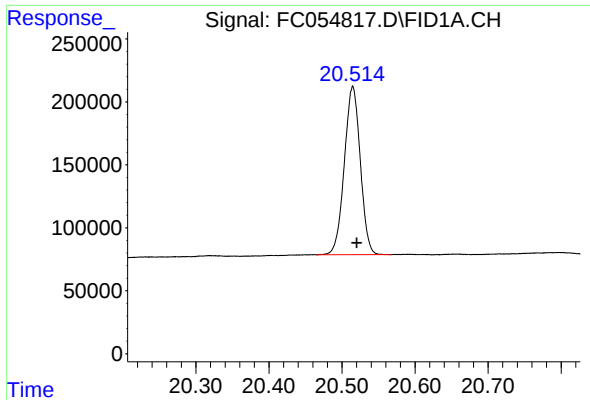
#19 n-Tetratriacontane (C34)

R.T.: 19.073 min
Delta R.T.: -0.003 min
Response: 2133190
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

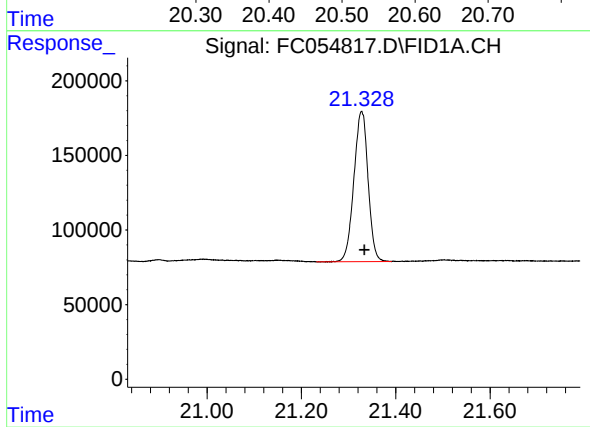
R.T.: 19.811 min
Delta R.T.: -0.004 min
Response: 2051218
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.515 min
Delta R.T.: -0.005 min
Response: 2029368
Conc: 21.79 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.328 min
Delta R.T.: -0.006 min
Response: 2098861
Conc: 21.63 ug/ml