

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052463.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 4:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 05:11:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.571	2739538	20.438 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	13.006	2213300	20.520 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.330	2371847	20.421 ug/ml
2) T n-Decane (C10)	4.396	2402547	20.502 ug/ml
3) T A~Naphthalene (C11.7)	5.981	2673932	20.423 ug/ml
4) T n-Dodecane (C12)	6.415	2462289	20.508 ug/ml
5) T A~2-methylnaphthalene...	7.039	2742807	20.490 ug/ml
6) T n-Tetradecane (C14)	8.211	2480586	20.510 ug/ml
7) T n-Hexadecane (C16)	9.812	2473195	20.564 ug/ml
8) T n-Octadecane (C18)	11.254	2587801	20.510 ug/ml
10) T n-Eicosane (C20)	12.562	2610517	20.444 ug/ml
11) T n-Heneicosane (C21)	13.174	2603817	20.485 ug/ml
13) T n-Docosane (C22)	13.759	2598460	20.512 ug/ml
14) T n-Tetracosane (C24)	14.862	2556672	20.466 ug/ml
15) T n-Hexacosane (C26)	15.881	2456078	20.397 ug/ml
16) T n-Octacosane (C28)	16.830	2336713	20.267 ug/ml
17) T n-Tricontane (C30)	17.717	2187394	20.077 ug/ml
18) T n-Dotriacontane (C32)	18.547	1989788	19.831 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1830030	19.909 ug/ml
20) T n-Hexatriacontane (C36)	20.069	1716587	18.825 ug/ml
21) T n-Octatriacontane (C38)	20.801	1638104	20.071 ug/ml
22) T n-Tetracontane (C40)	21.705	1728207	20.063 ug/ml

(f)=RT Delta > 1/2 Window

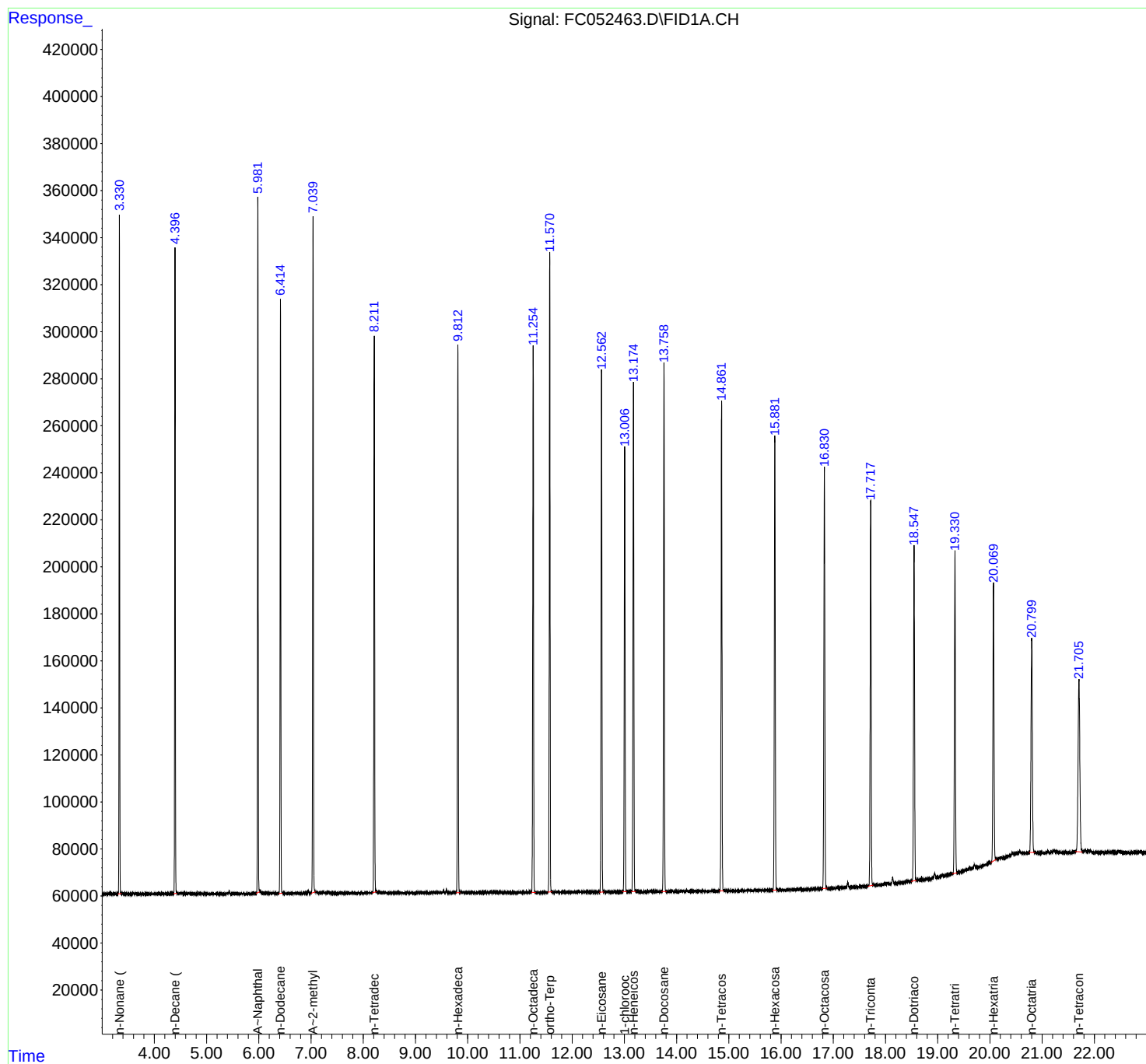
(m)=manual int.

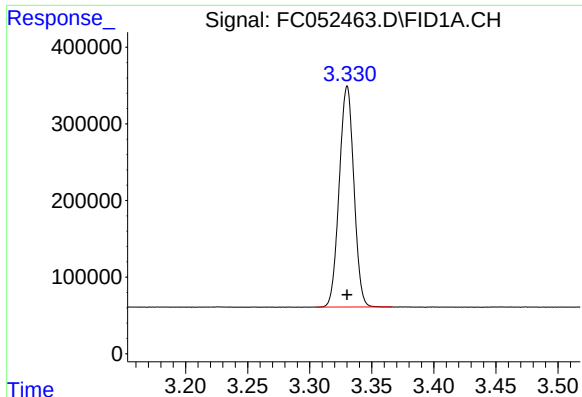
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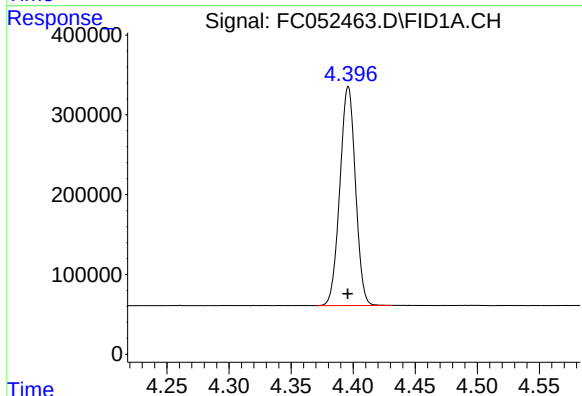




#1 n-Nonane (C9)

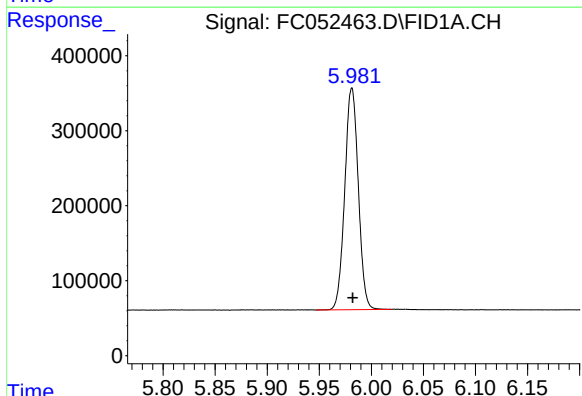
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 2371847
Conc: 20.42 ug/ml

Instrument :
FID_C
ClientSampleId :



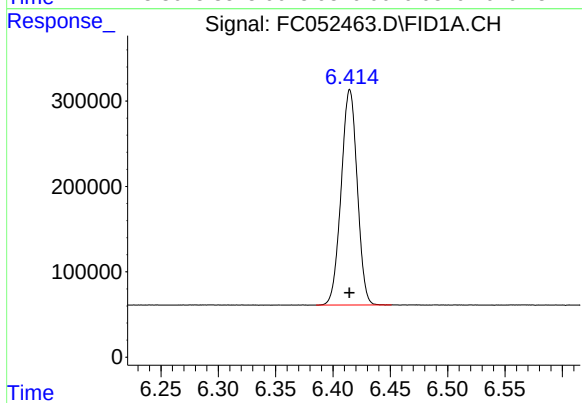
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2402547
Conc: 20.50 ug/ml



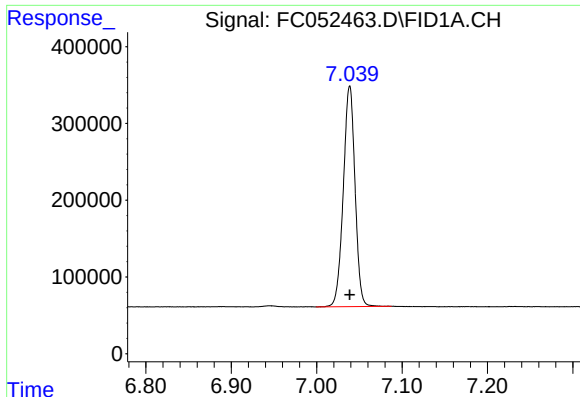
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 2673932
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

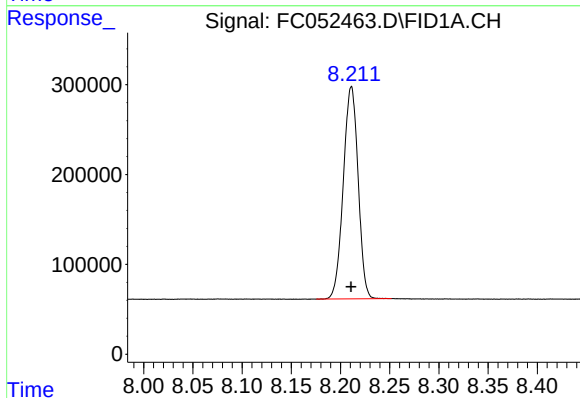
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 2462289
Conc: 20.51 ug/ml



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

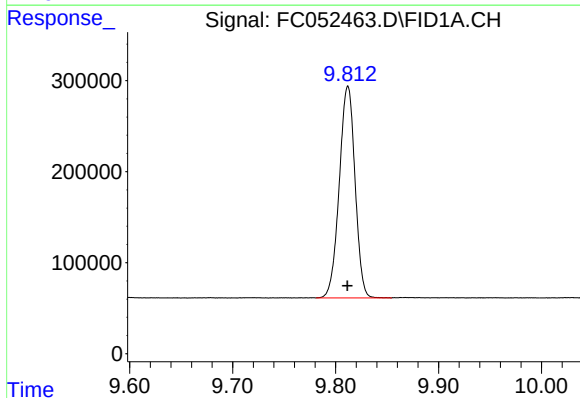
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 2742807
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :



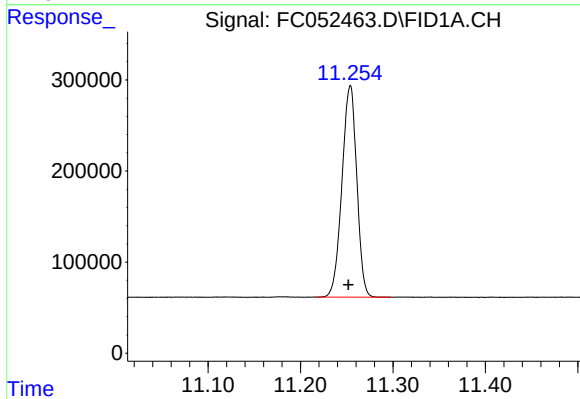
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 2480586
Conc: 20.51 ug/ml



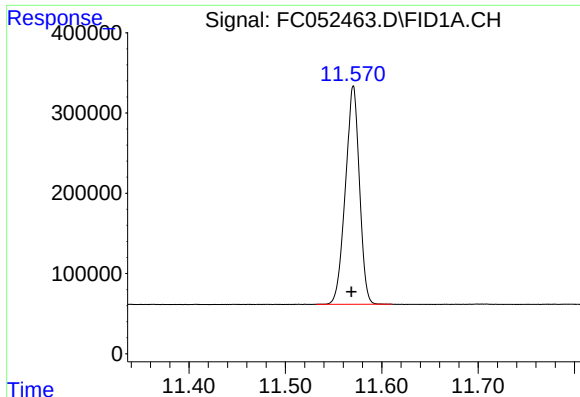
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 2473195
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

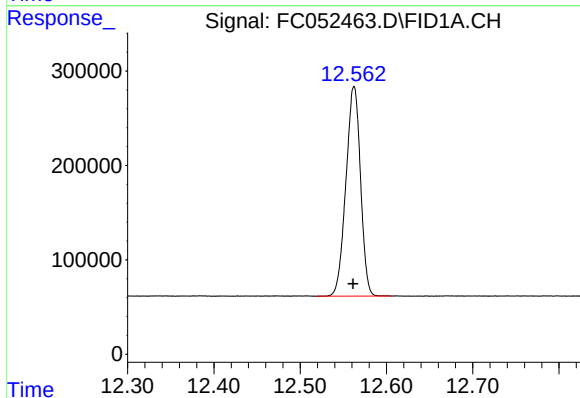
R.T.: 11.254 min
Delta R.T.: 0.002 min
Response: 2587801
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

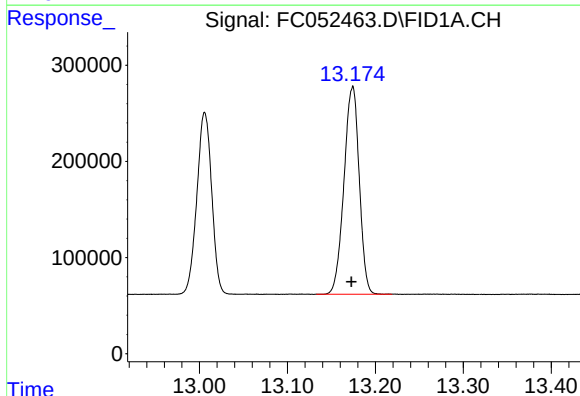
R.T.: 11.571 min
Delta R.T.: 0.002 min
Response: 2739538
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :



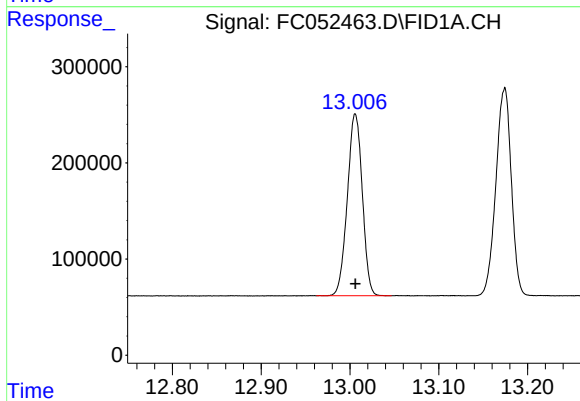
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.001 min
Response: 2610517
Conc: 20.44 ug/ml



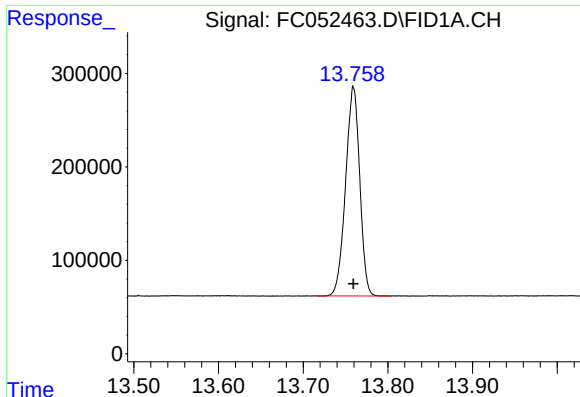
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.001 min
Response: 2603817
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

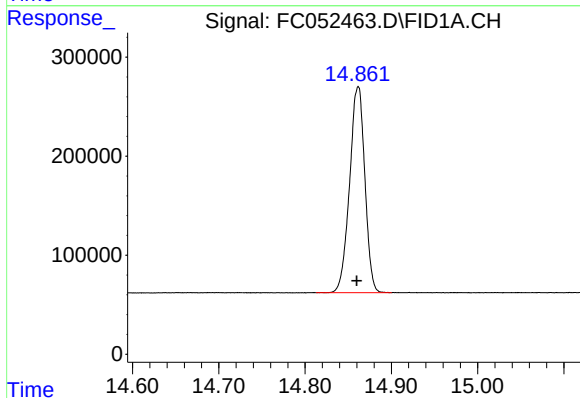
R.T.: 13.006 min
Delta R.T.: 0.000 min
Response: 2213300
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

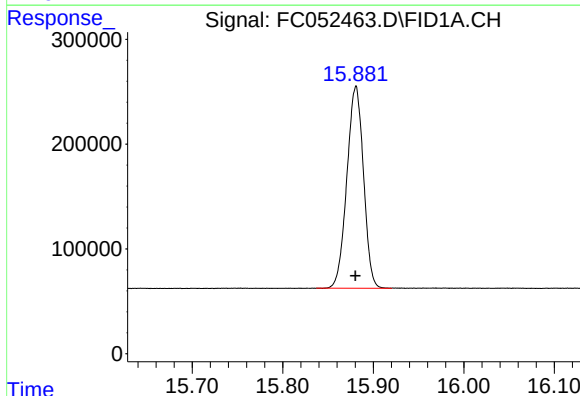
R.T.: 13.759 min
Delta R.T.: 0.000 min
Response: 2598460
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :



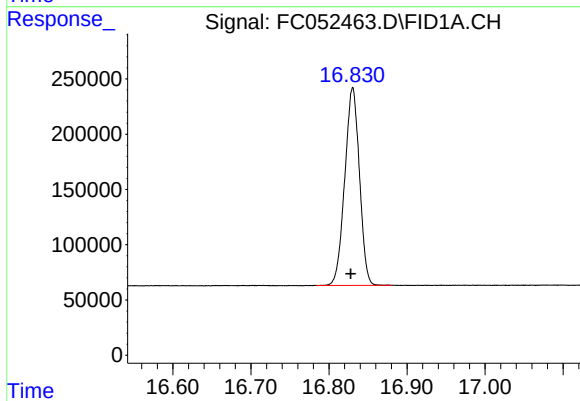
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: 0.002 min
Response: 2556672
Conc: 20.47 ug/ml



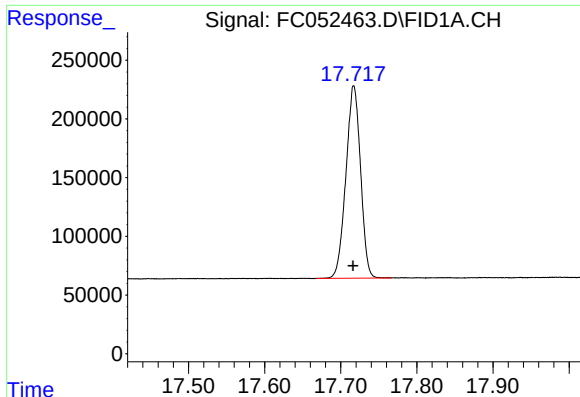
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 2456078
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

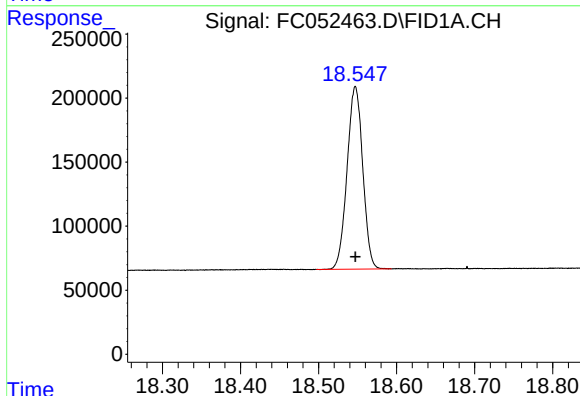
R.T.: 16.830 min
Delta R.T.: 0.003 min
Response: 2336713
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

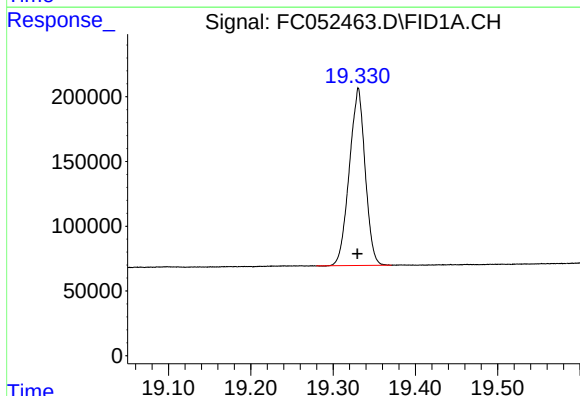
R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 2187394
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :



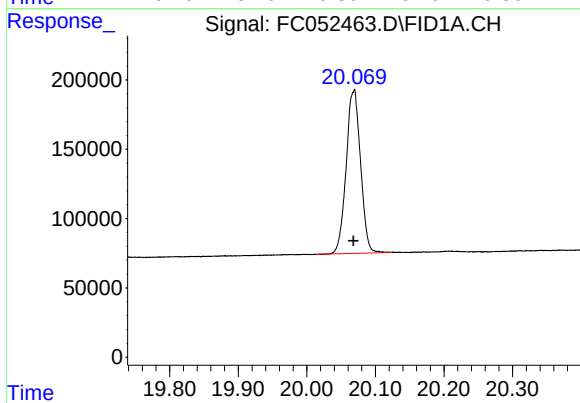
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: 0.000 min
Response: 1989788
Conc: 19.83 ug/ml



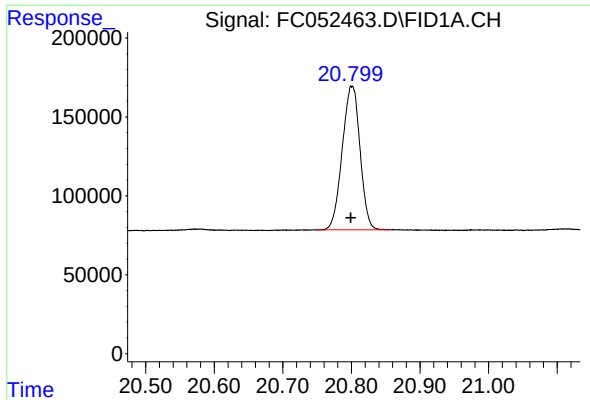
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.001 min
Response: 1830030
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

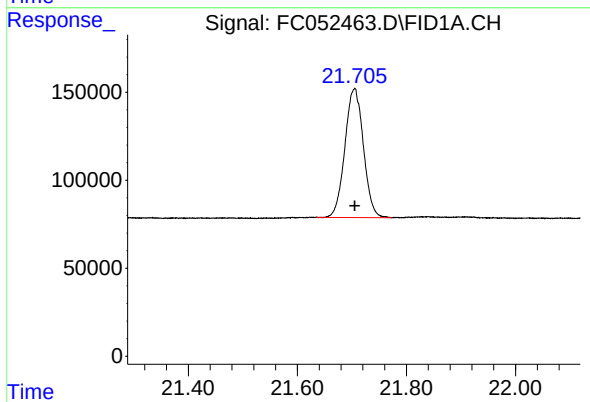
R.T.: 20.069 min
Delta R.T.: 0.001 min
Response: 1716587
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: 0.002 min
Response: 1638104
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: 0.000 min
Response: 1728207
Conc: 20.06 ug/ml