

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052457.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 00:43
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 17 02:11:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 02:10:50 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)	11.575	6406227	47.713 ug/ml
Spiked Amount 50.000		Recovery =	95.43%
12) S 1-chlorooctadecane (S...	13.010	5169406	47.758 ug/ml
Spiked Amount 50.000		Recovery =	95.52%
Target Compounds			
1) T n-Nonane (C9)	3.332	5548912	47.781 ug/ml
2) T n-Decane (C10)	4.399	5602559	47.703 ug/ml
3) T A~Naphthalene (C11.7)	5.985	6261225	47.781 ug/ml
4) T n-Dodecane (C12)	6.419	5727679	47.540 ug/ml
5) T A~2-methylnaphthalene...	7.043	6426714	47.830 ug/ml
6) T n-Tetradecane (C14)	8.214	5772173	47.568 ug/ml
7) T n-Hexadecane (C16)	9.816	5728629	47.599 ug/ml
8) T n-Octadecane (C18)	11.258	6017719	47.647 ug/ml
10) T n-Eicosane (C20)	12.566	6087995	47.708 ug/ml
11) T n-Heneicosane (C21)	13.178	6072897	47.650 ug/ml
13) T n-Docosane (C22)	13.764	6065449	47.767 ug/ml
14) T n-Tetracosane (C24)	14.865	5981234	47.555 ug/ml
15) T n-Hexacosane (C26)	15.885	5764557	47.499 ug/ml
16) T n-Octacosane (C28)	16.835	5517353	47.486 ug/ml
17) T n-Tricontane (C30)	17.721	5179556	47.374 ug/ml
18) T n-Dotriacontane (C32)	18.552	4727538	47.225 ug/ml
19) T n-Tetratriacontane (C34)	19.334	4358958	46.953 ug/ml
20) T n-Hexatriacontane (C36)	20.072	4373036	47.190 ug/ml
21) T n-Octatriacontane (C38)	20.804	3896110	47.388 ug/ml
22) T n-Tetracontane (C40)	21.710	4058203	46.970 ug/ml

(f)=RT Delta > 1/2 Window

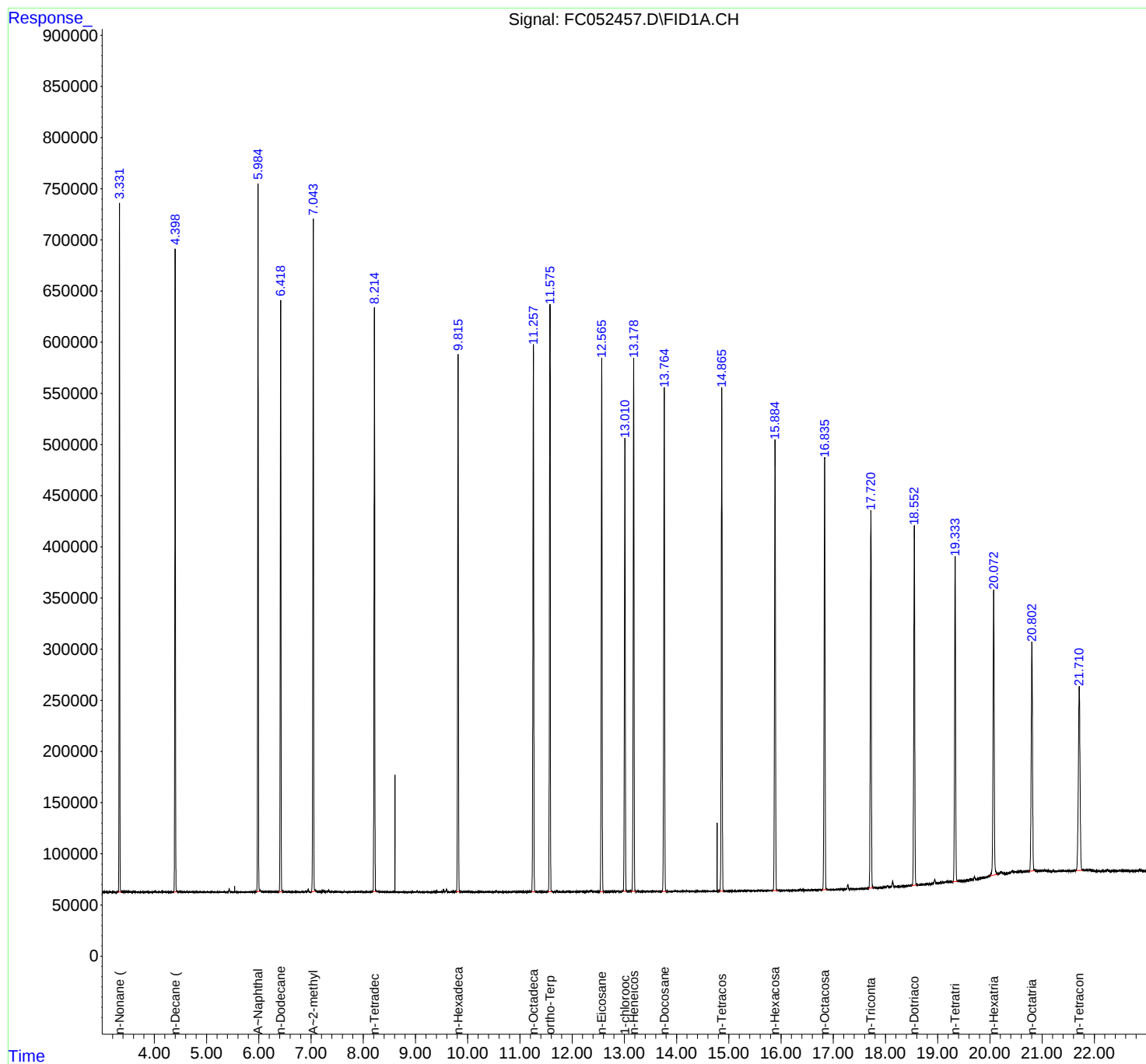
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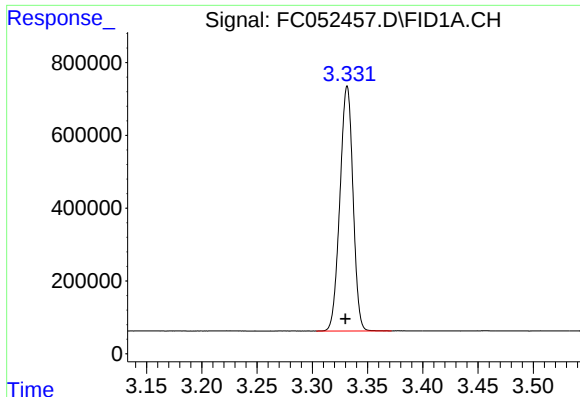
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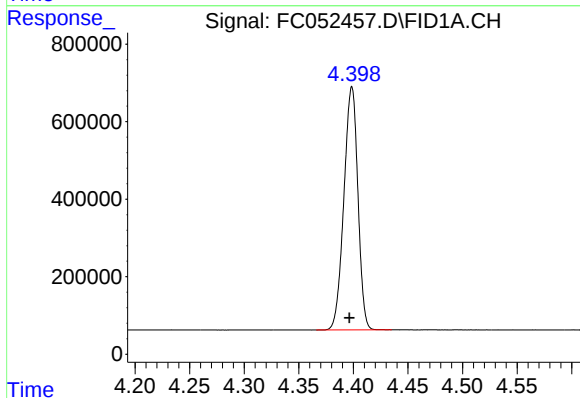




#1 n-Nonane (C9)

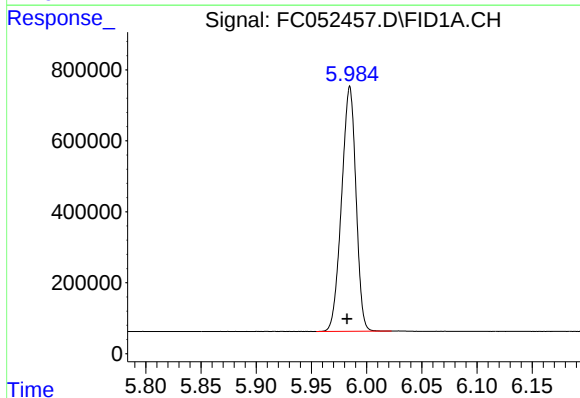
R.T.: 3.332 min
Delta R.T.: 0.002 min
Response: 5548912
Conc: 47.78 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



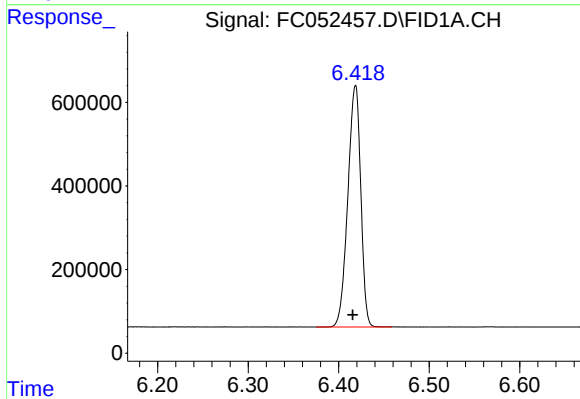
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: 0.002 min
Response: 5602559
Conc: 47.70 ug/ml



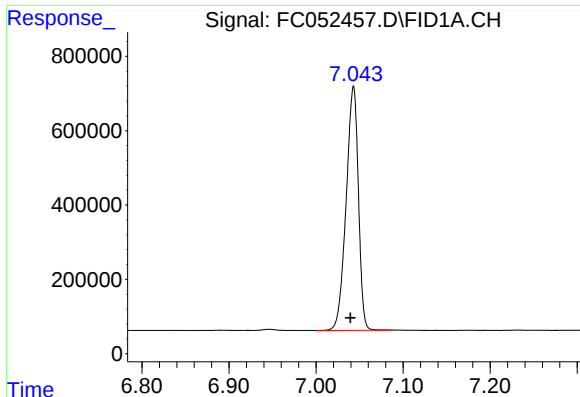
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: 0.002 min
Response: 6261225
Conc: 47.78 ug/ml



#4 n-Dodecane (C12)

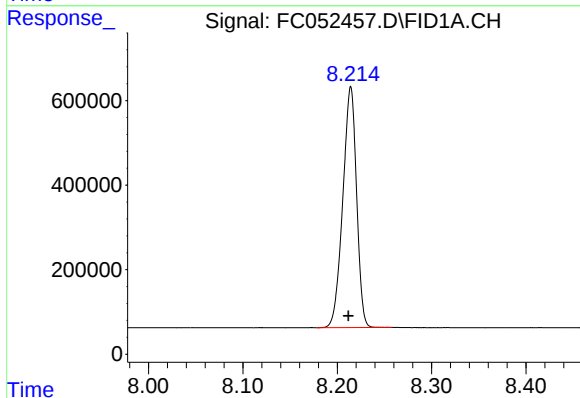
R.T.: 6.419 min
Delta R.T.: 0.003 min
Response: 5727679
Conc: 47.54 ug/ml



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

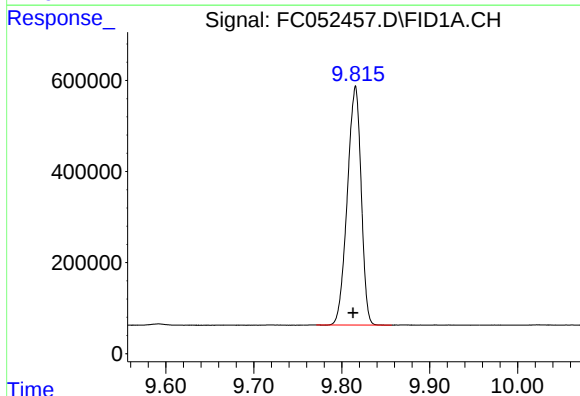
R.T.: 7.043 min
Delta R.T.: 0.003 min
Response: 6426714
Conc: 47.83 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



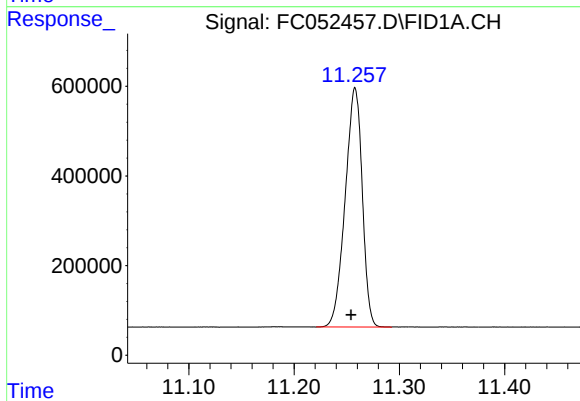
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: 0.003 min
Response: 5772173
Conc: 47.57 ug/ml



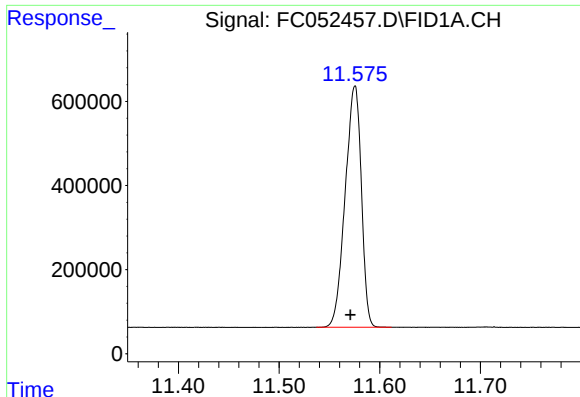
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.003 min
Response: 5728629
Conc: 47.60 ug/ml



#8 n-Octadecane (C18)

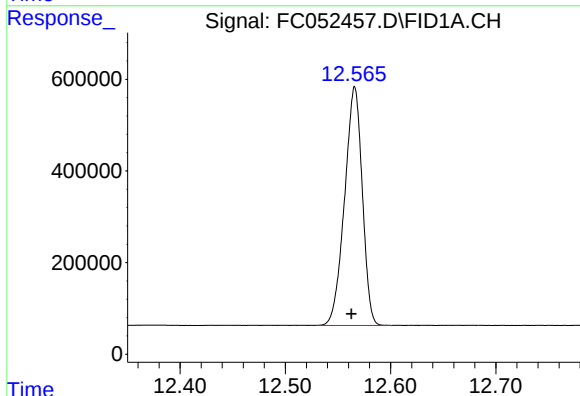
R.T.: 11.258 min
Delta R.T.: 0.004 min
Response: 6017719
Conc: 47.65 ug/ml



#9 ortho-Terphenyl (SURR)

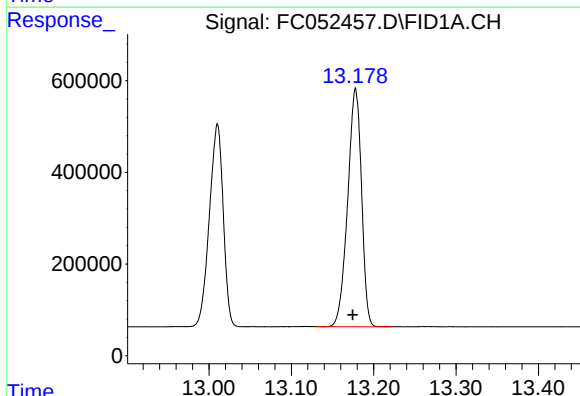
R.T.: 11.575 min
Delta R.T.: 0.004 min
Response: 6406227
Conc: 47.71 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



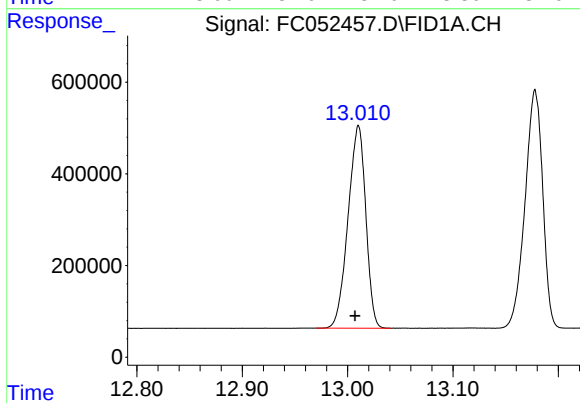
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: 0.003 min
Response: 6087995
Conc: 47.71 ug/ml



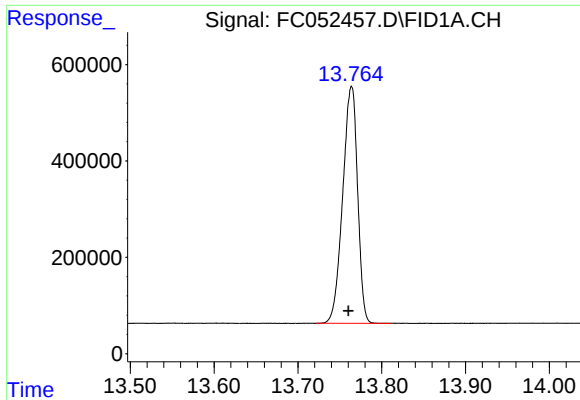
#11 n-Heneicosane (C21)

R.T.: 13.178 min
Delta R.T.: 0.003 min
Response: 6072897
Conc: 47.65 ug/ml



#12 1-chlorooctadecane (SURR)

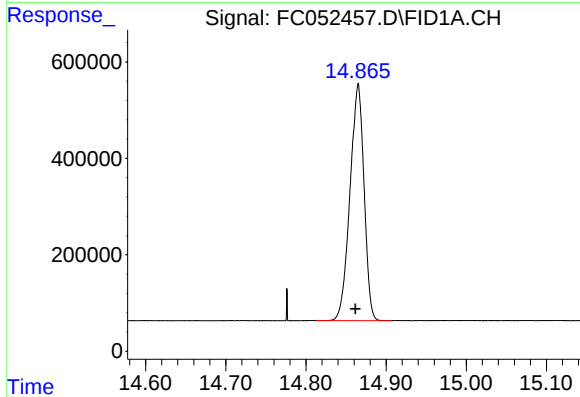
R.T.: 13.010 min
Delta R.T.: 0.003 min
Response: 5169406
Conc: 47.76 ug/ml



#13 n-Docosane (C22)

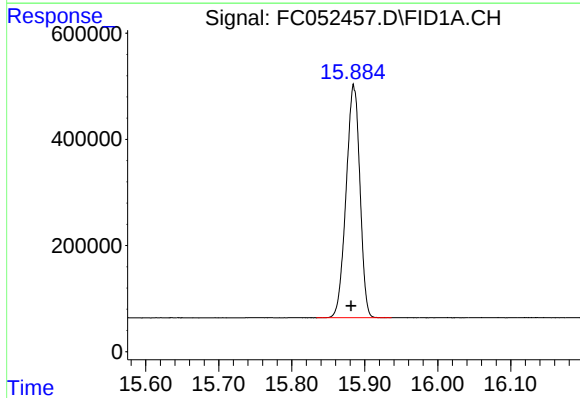
R.T.: 13.764 min
Delta R.T.: 0.004 min
Response: 6065449
Conc: 47.77 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



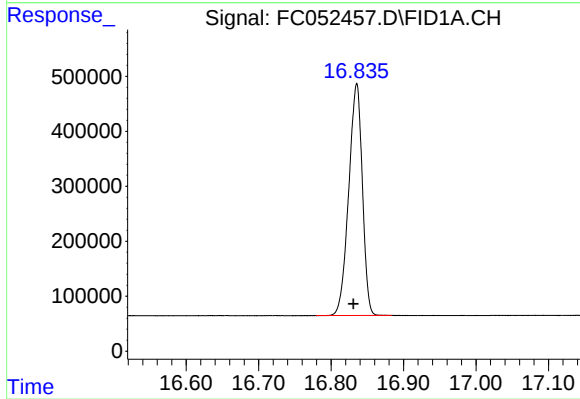
#14 n-Tetracosane (C24)

R.T.: 14.865 min
Delta R.T.: 0.003 min
Response: 5981234
Conc: 47.56 ug/ml



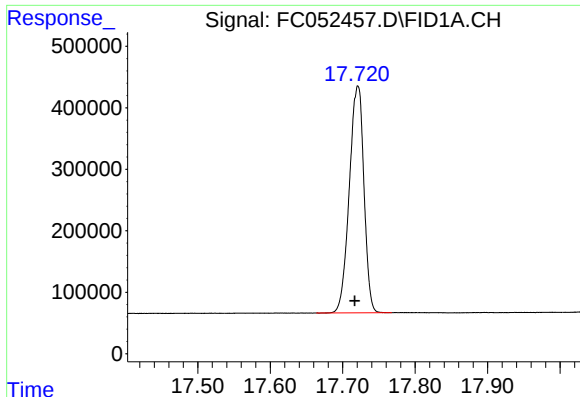
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.003 min
Response: 5764557
Conc: 47.50 ug/ml



#16 n-Octacosane (C28)

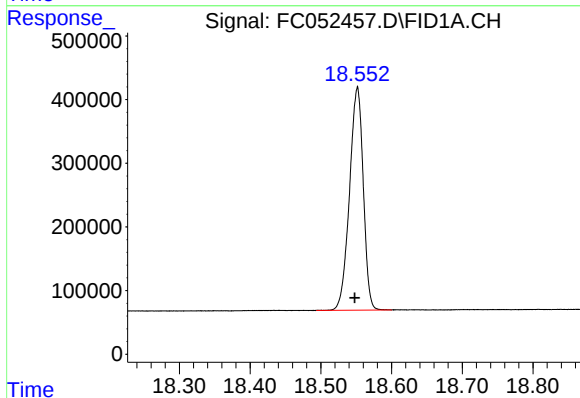
R.T.: 16.835 min
Delta R.T.: 0.005 min
Response: 5517353
Conc: 47.49 ug/ml



#17 n-Tricontane (C30)

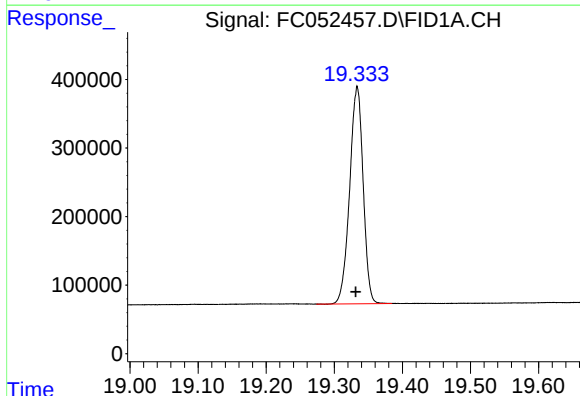
R.T.: 17.721 min
Delta R.T.: 0.004 min
Response: 5179556
Conc: 47.37 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



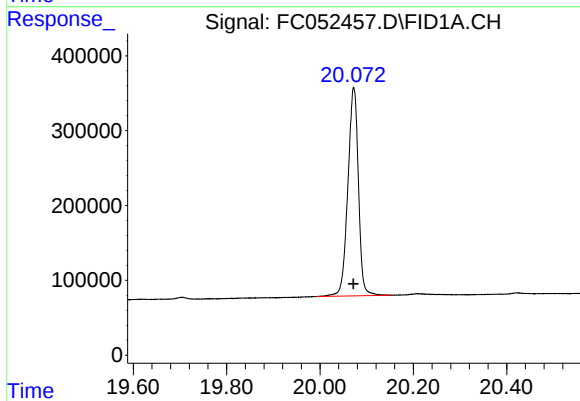
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.004 min
Response: 4727538
Conc: 47.23 ug/ml



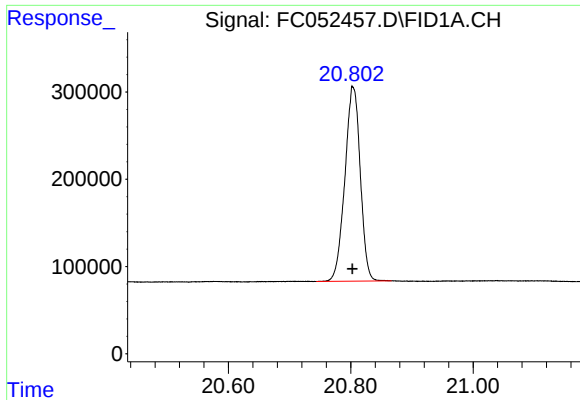
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.002 min
Response: 4358958
Conc: 46.95 ug/ml



#20 n-Hexatriacontane (C36)

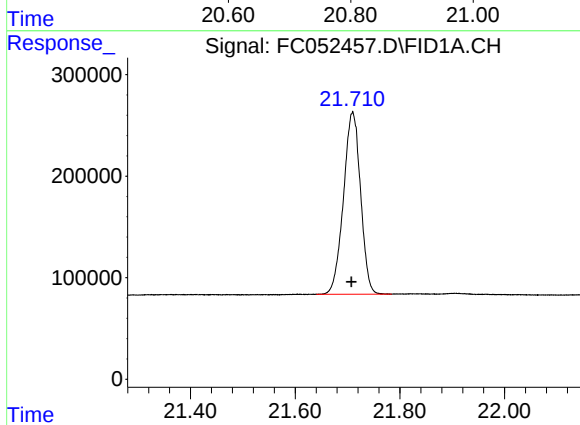
R.T.: 20.072 min
Delta R.T.: 0.000 min
Response: 4373036
Conc: 47.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.000 min
Response: 3896110
Conc: 47.39 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: 0.003 min
Response: 4058203
Conc: 46.97 ug/ml