

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040821AL\
 Data File : FC053013.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2021 18:25
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Apr 09 01:35:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 01:34:15 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)	11.558	7086637	49.231 ug/ml
Spiked Amount 50.000		Recovery =	98.46%
12) S 1-chlorooctadecane (S...	12.995	5695726	49.358 ug/ml
Spiked Amount 50.000		Recovery =	98.72%
Target Compounds			
1) T n-Nonane (C9)	3.313	6107386	48.775 ug/ml
2) T n-Decane (C10)	4.380	6158765	48.961 ug/ml
3) T A~Naphthalene (C11.7)	5.964	6869974	49.270 ug/ml
4) T n-Dodecane (C12)	6.399	6275412	49.056 ug/ml
5) T A~2-methylnaphthalene...	7.023	7018162	49.517 ug/ml
6) T n-Tetradecane (C14)	8.197	6312779	49.162 ug/ml
7) T n-Hexadecane (C16)	9.798	6285765	49.297 ug/ml
8) T n-Octadecane (C18)	11.242	6631430	49.194 ug/ml
10) T n-Eicosane (C20)	12.551	6737184	49.174 ug/ml
11) T n-Heneicosane (C21)	13.163	6752050	49.203 ug/ml
13) T n-Docosane (C22)	13.749	6776694	49.212 ug/ml
14) T n-Tetracosane (C24)	14.852	6785926	49.178 ug/ml
15) T n-Hexacosane (C26)	15.873	6693402	49.241 ug/ml
16) T n-Octacosane (C28)	16.824	6587472	49.210 ug/ml
17) T n-Tricontane (C30)	17.711	6359440	49.397 ug/ml
18) T n-Dotriacontane (C32)	18.542	5970227	49.766 ug/ml
19) T n-Tetratriacontane (C34)	19.324	5617869	50.419 ug/ml
20) T n-Hexatriacontane (C36)	20.063	5177380	50.343 ug/ml
21) T n-Octatriacontane (C38)	20.792	4586307	50.990 ug/ml
22) T n-Tetracontane (C40)	21.691	4214538	53.094 ug/ml

(f)=RT Delta > 1/2 Window

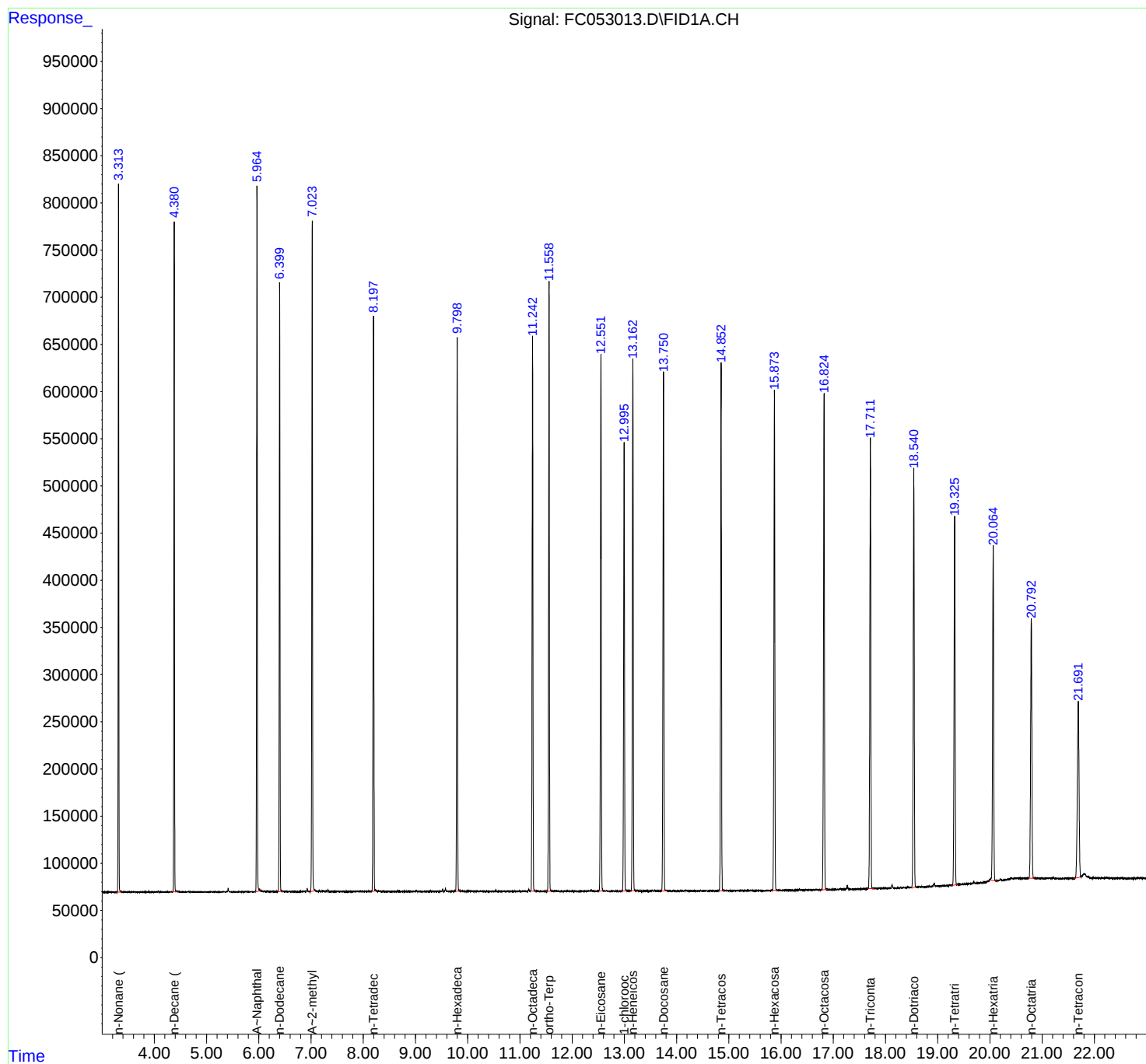
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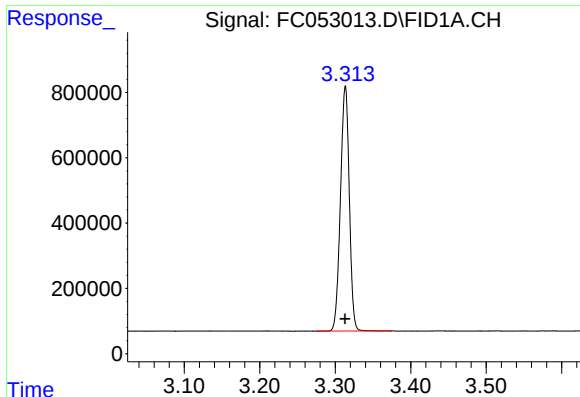
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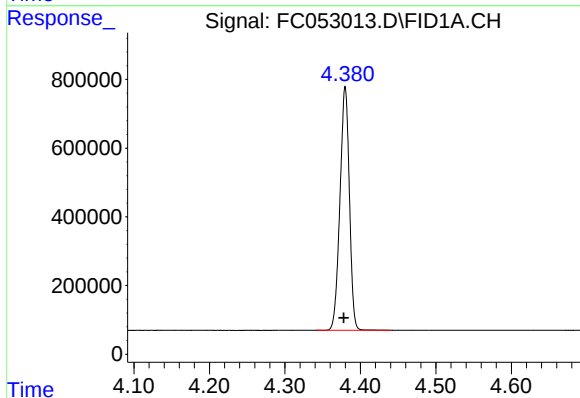




#1 n-Nonane (C9)

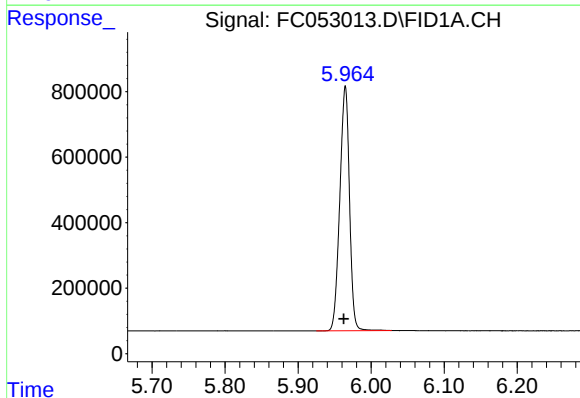
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 6107386
Conc: 48.78 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



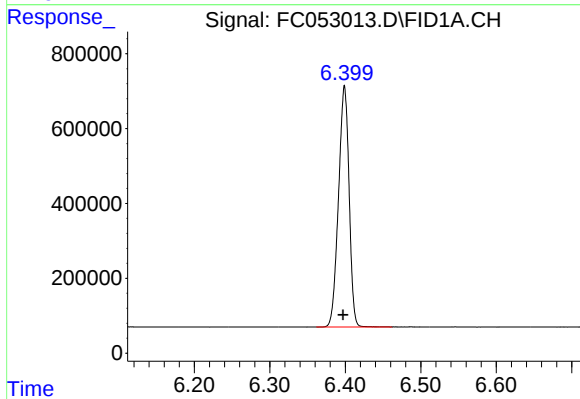
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: 0.002 min
Response: 6158765
Conc: 48.96 ug/ml



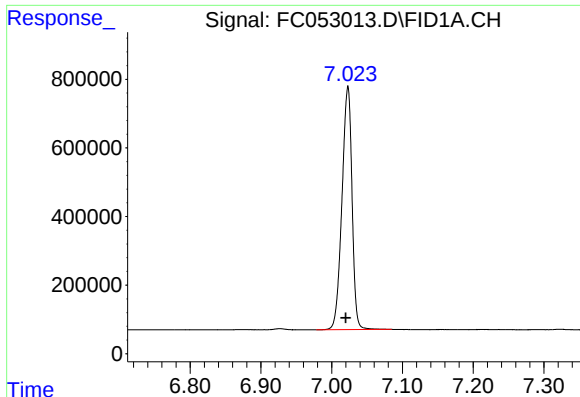
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 6869974
Conc: 49.27 ug/ml



#4 n-Dodecane (C12)

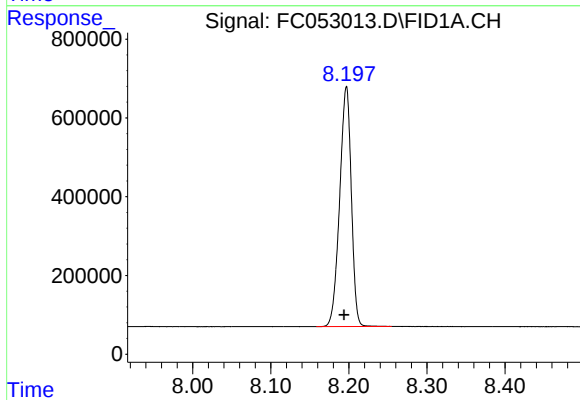
R.T.: 6.399 min
Delta R.T.: 0.002 min
Response: 6275412
Conc: 49.06 ug/ml



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

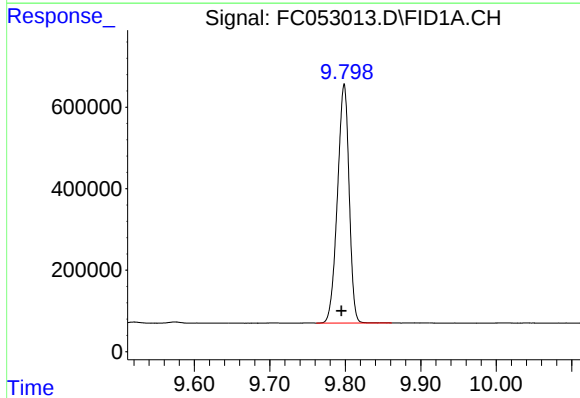
R.T.: 7.023 min
Delta R.T.: 0.003 min
Response: 7018162
Conc: 49.52 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



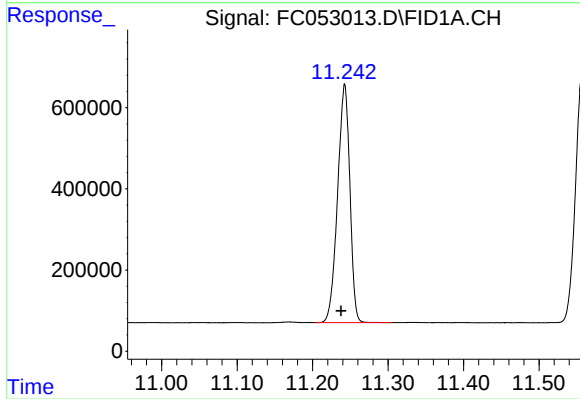
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: 0.003 min
Response: 6312779
Conc: 49.16 ug/ml



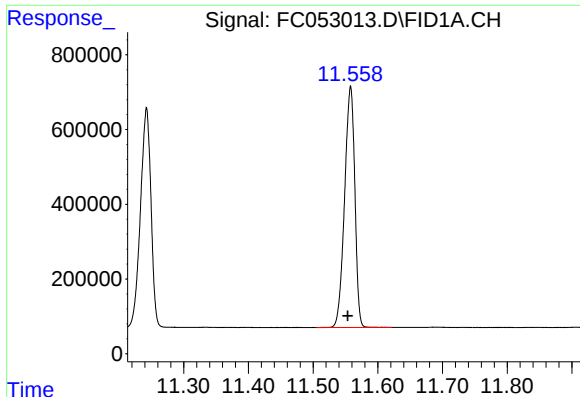
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.003 min
Response: 6285765
Conc: 49.30 ug/ml



#8 n-Octadecane (C18)

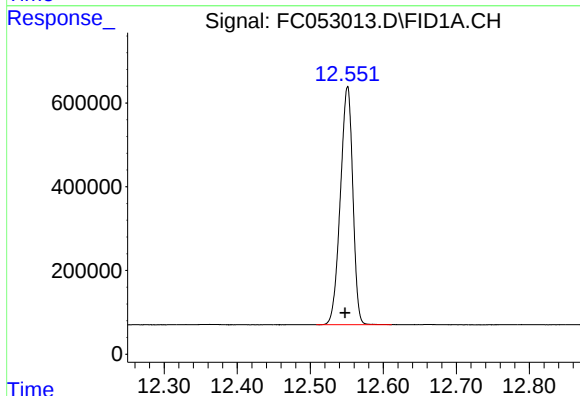
R.T.: 11.242 min
Delta R.T.: 0.005 min
Response: 6631430
Conc: 49.19 ug/ml



#9 ortho-Terphenyl (SURR)

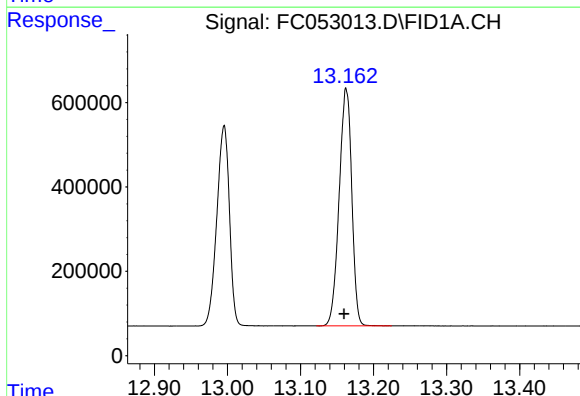
R.T.: 11.558 min
Delta R.T.: 0.004 min
Response: 7086637
Conc: 49.23 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



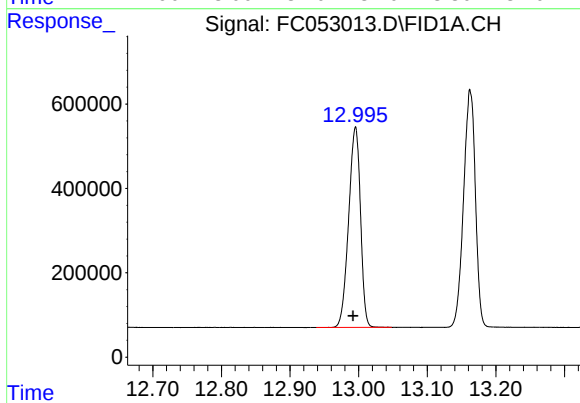
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: 0.003 min
Response: 6737184
Conc: 49.17 ug/ml



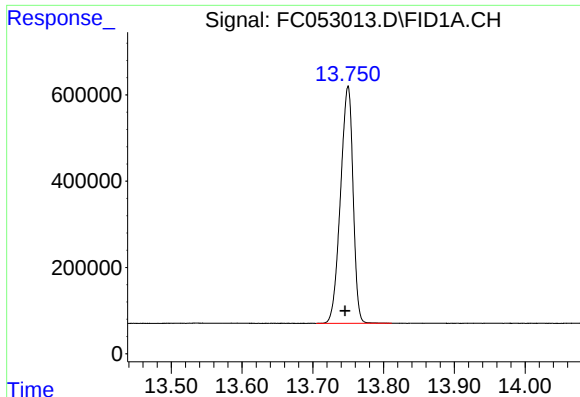
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.003 min
Response: 6752050
Conc: 49.20 ug/ml



#12 1-chlorooctadecane (SURR)

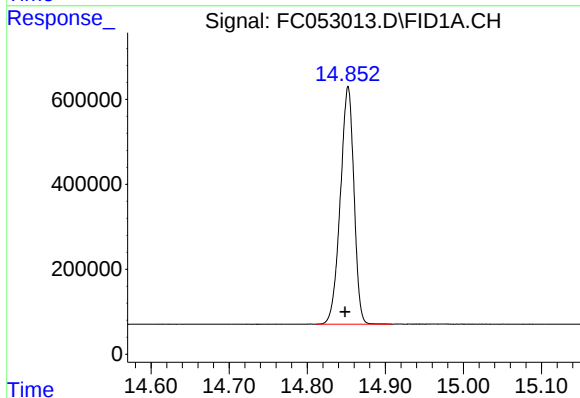
R.T.: 12.995 min
Delta R.T.: 0.003 min
Response: 5695726
Conc: 49.36 ug/ml



#13 n-Docosane (C22)

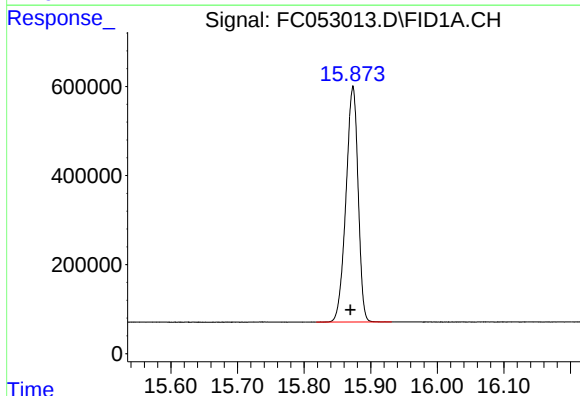
R.T.: 13.749 min
Delta R.T.: 0.004 min
Response: 6776694
Conc: 49.21 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



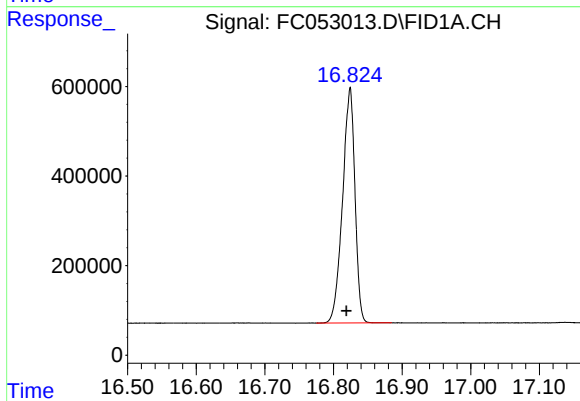
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: 0.004 min
Response: 6785926
Conc: 49.18 ug/ml



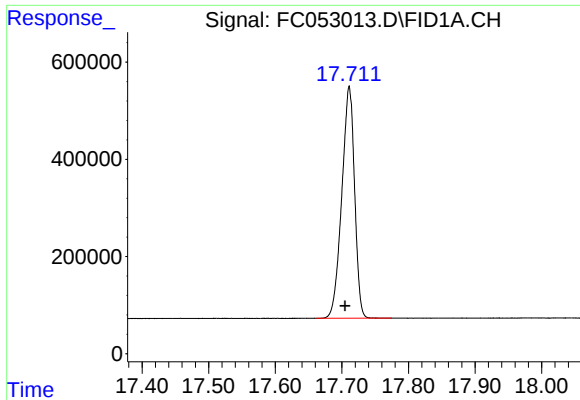
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: 0.004 min
Response: 6693402
Conc: 49.24 ug/ml



#16 n-Octacosane (C28)

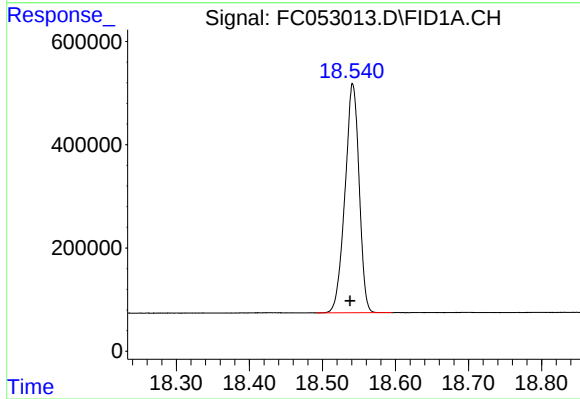
R.T.: 16.824 min
Delta R.T.: 0.005 min
Response: 6587472
Conc: 49.21 ug/ml



#17 n-Tricontane (C30)

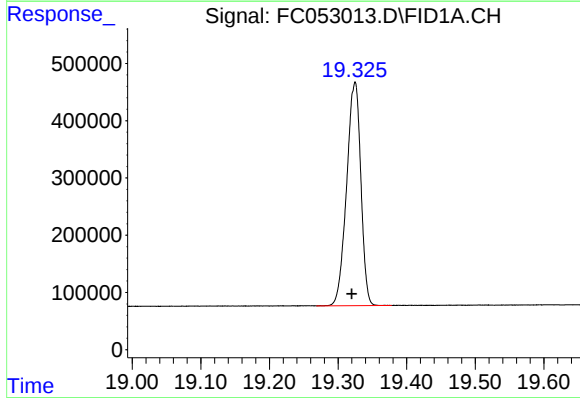
R.T.: 17.711 min
Delta R.T.: 0.006 min
Response: 6359440
Conc: 49.40 ug/ml

Instrument :
FID_C
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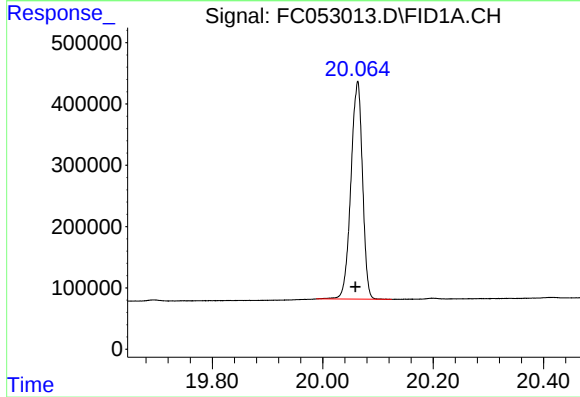
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.004 min
Response: 5970227
Conc: 49.77 ug/ml



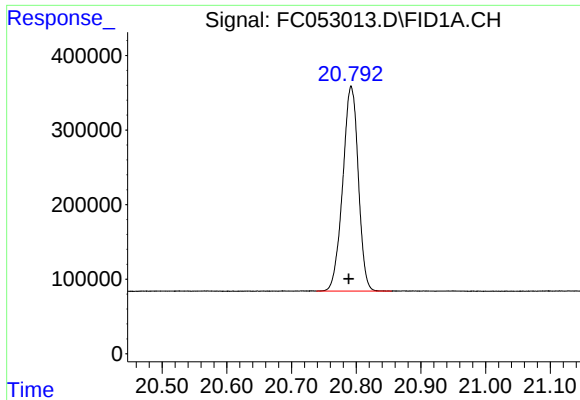
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.004 min
Response: 5617869
Conc: 50.42 ug/ml



#20 n-Hexatriacontane (C36)

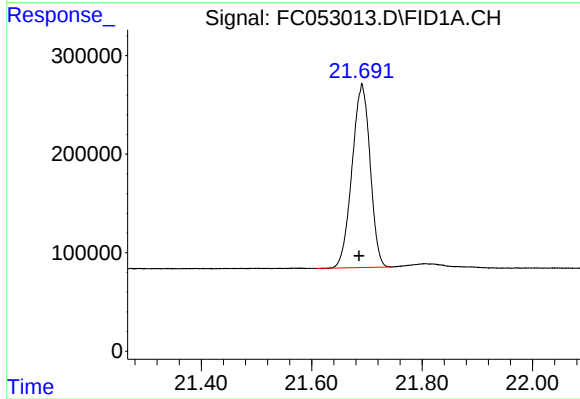
R.T.: 20.063 min
Delta R.T.: 0.004 min
Response: 5177380
Conc: 50.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: 0.004 min
Response: 4586307
Conc: 50.99 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: 0.005 min
Response: 4214538
Conc: 53.09 ug/ml