

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056294.D
 Signal(s) : FID1A.CH
 Acq On : 20 Oct 2021 22:08
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 21 00:10:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 00:09:06 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)	11.630	6321155	51.243 ug/ml
Spiked Amount 50.000		Recovery =	102.49%
12) S 1-chlorooctadecane (S...	13.060	4922825	51.059 ug/ml
Spiked Amount 50.000		Recovery =	102.12%
Target Compounds			
1) T n-Nonane (C9)	3.384	5561639	51.600 ug/ml
2) T n-Decane (C10)	4.452	5615797	51.967 ug/ml
3) T A~Naphthalene (C11.7)	6.043	6366552	52.425 ug/ml
4) T n-Dodecane (C12)	6.472	5694245	51.836 ug/ml
5) T A~2-methylnaphthalene...	7.101	6426169	52.337 ug/ml
6) T n-Tetradecane (C14)	8.267	5774218	51.753 ug/ml
7) T n-Hexadecane (C16)	9.867	5822688	51.579 ug/ml
8) T n-Octadecane (C18)	11.308	5952466	51.172 ug/ml
10) T n-Eicosane (C20)	12.615	5843916	50.903 ug/ml
11) T n-Heneicosane (C21)	13.226	5849637	50.922 ug/ml
13) T n-Docosane (C22)	13.810	5744968	50.926 ug/ml
14) T n-Tetracosane (C24)	14.910	5635487	50.840 ug/ml
15) T n-Hexacosane (C26)	15.927	5385409	50.831 ug/ml
16) T n-Octacosane (C28)	16.874	5214244	50.227 ug/ml
17) T n-Tricontane (C30)	17.757	5025058	49.232 ug/ml
18) T n-Dotriacontane (C32)	18.586	4665838	49.553 ug/ml
19) T n-Tetratriacontane (C34)	19.364	4423578	50.821 ug/ml
20) T n-Hexatriacontane (C36)	20.100	4142893	51.068 ug/ml
21) T n-Octatriacontane (C38)	20.837	4067416	51.044 ug/ml
22) T n-Tetracontane (C40)	21.754	4168804	50.883 ug/ml

(f)=RT Delta > 1/2 Window

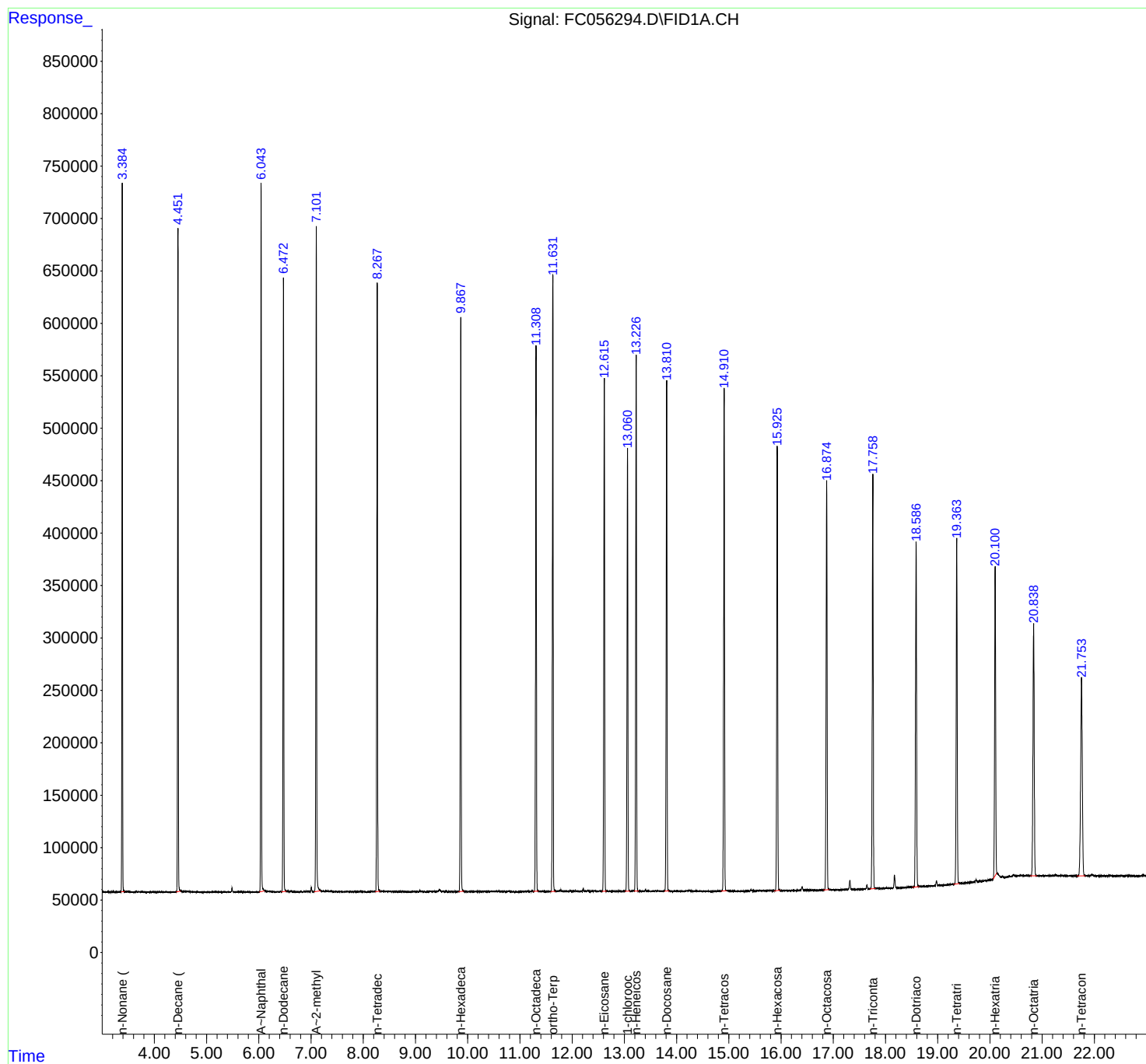
(m)=manual int.

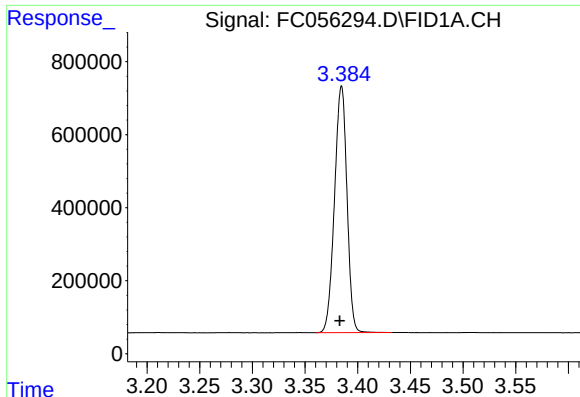
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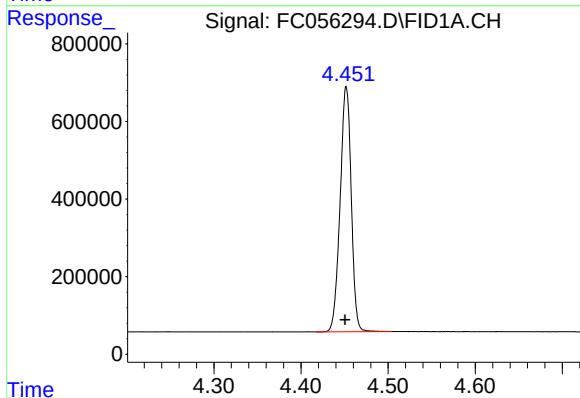




#1 n-Nonane (C9)

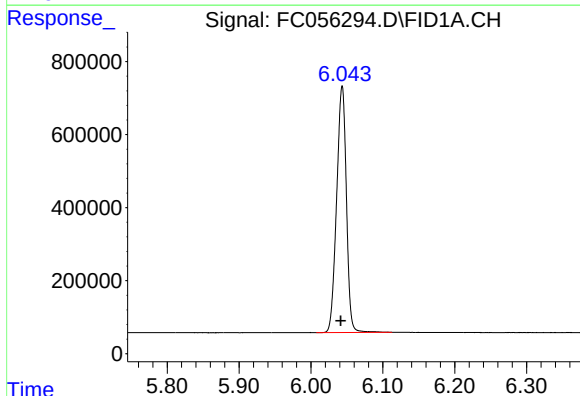
R.T.: 3.384 min
Delta R.T.: 0.001 min
Response: 5561639
Conc: 51.60 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



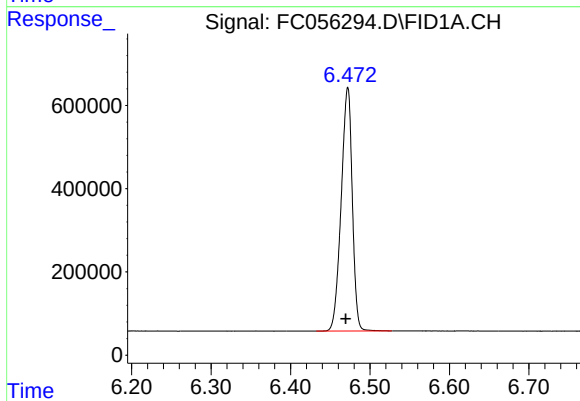
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: 0.001 min
Response: 5615797
Conc: 51.97 ug/ml



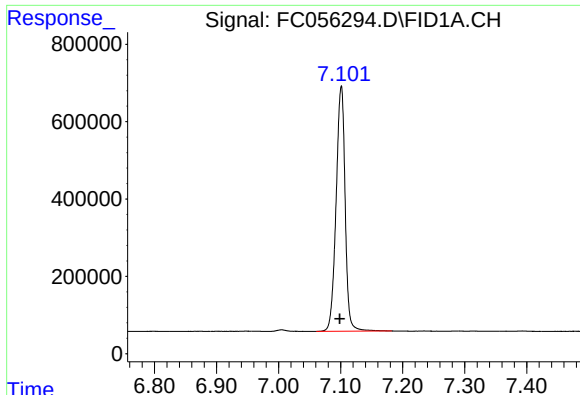
#3 A~Naphthalene (C11.7)

R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 6366552
Conc: 52.43 ug/ml



#4 n-Dodecane (C12)

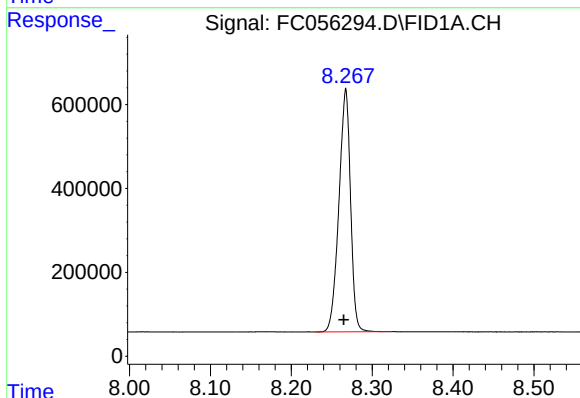
R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 5694245
Conc: 51.84 ug/ml



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

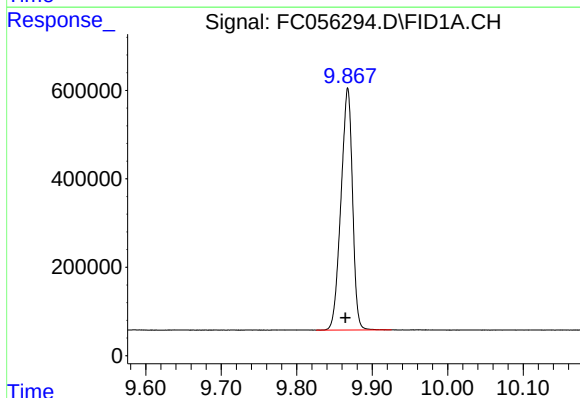
R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 6426169
Conc: 52.34 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



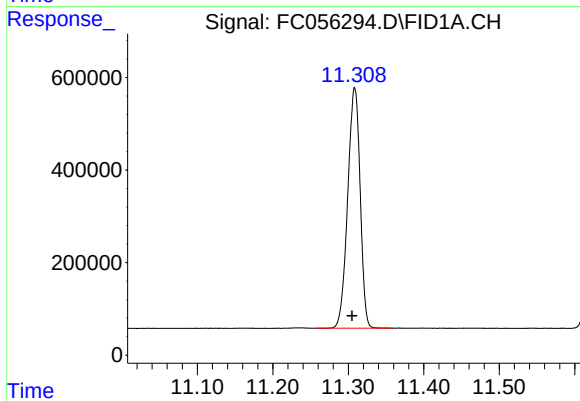
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: 0.002 min
Response: 5774218
Conc: 51.75 ug/ml



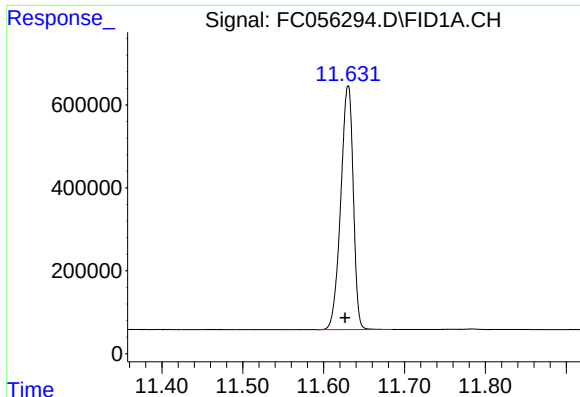
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: 0.003 min
Response: 5822688
Conc: 51.58 ug/ml



#8 n-Octadecane (C18)

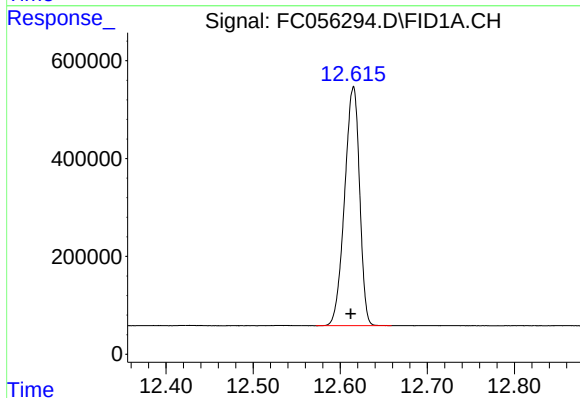
R.T.: 11.308 min
Delta R.T.: 0.003 min
Response: 5952466
Conc: 51.17 ug/ml



#9 ortho-Terphenyl (SURR)

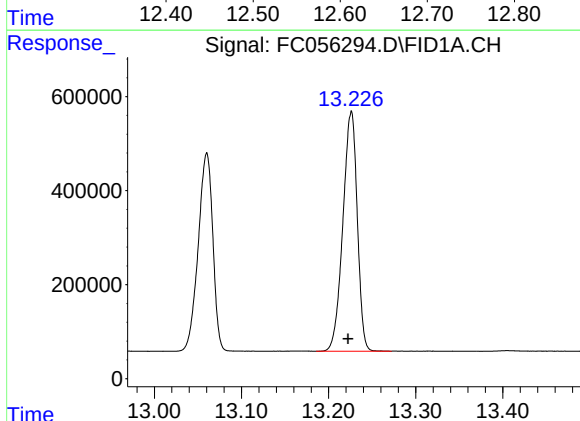
R.T.: 11.630 min
Delta R.T.: 0.004 min
Response: 6321155
Conc: 51.24 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



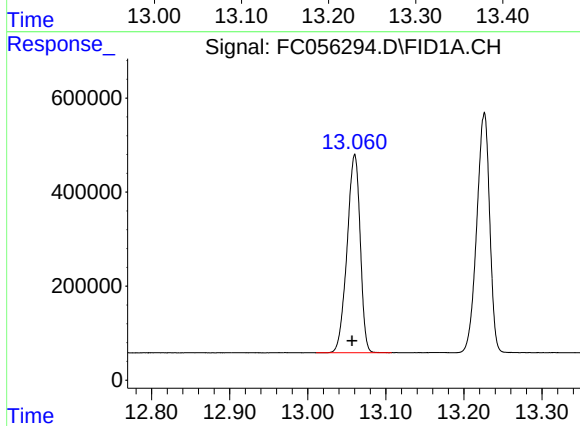
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: 0.003 min
Response: 5843916
Conc: 50.90 ug/ml



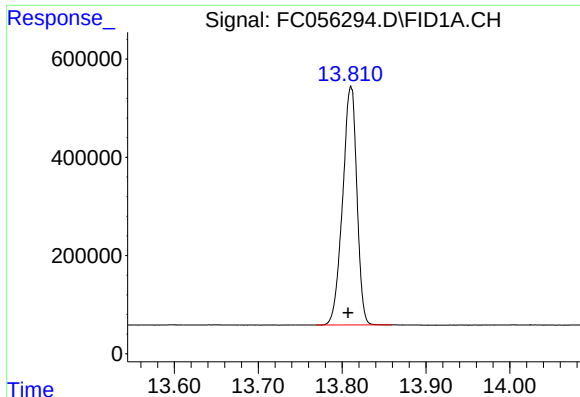
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: 0.003 min
Response: 5849637
Conc: 50.92 ug/ml



#12 1-chlorooctadecane (SURR)

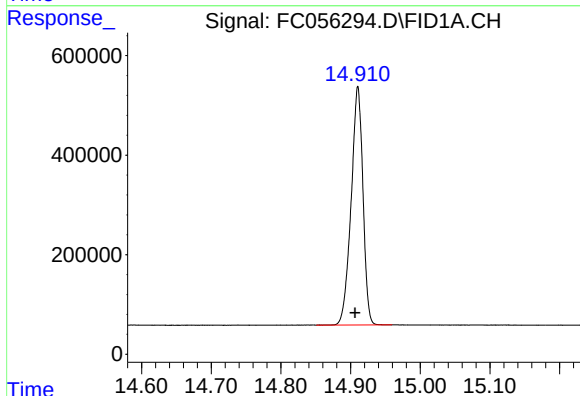
R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 4922825
Conc: 51.06 ug/ml



#13 n-Docosane (C22)

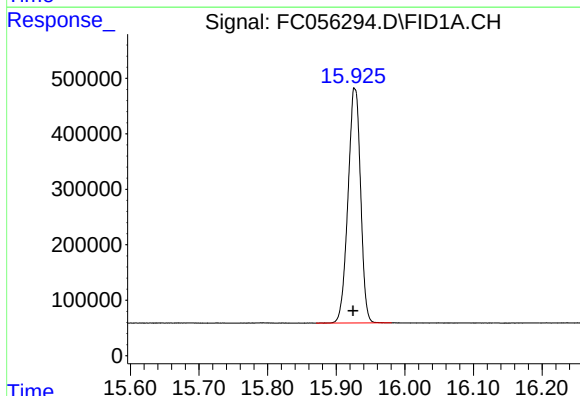
R.T.: 13.810 min
Delta R.T.: 0.003 min
Response: 5744968
Conc: 50.93 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



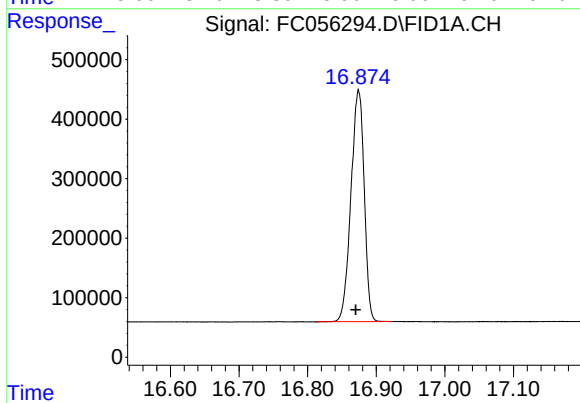
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: 0.004 min
Response: 5635487
Conc: 50.84 ug/ml



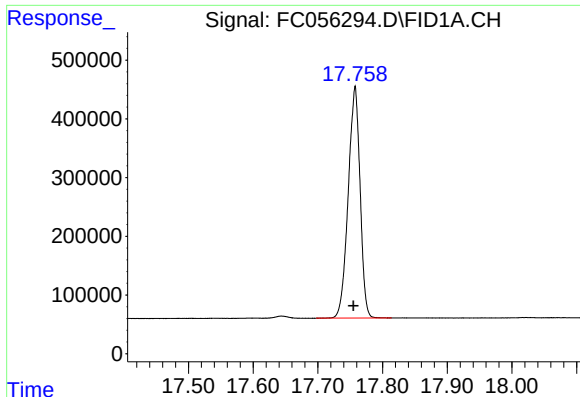
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: 0.003 min
Response: 5385409
Conc: 50.83 ug/ml



#16 n-Octacosane (C28)

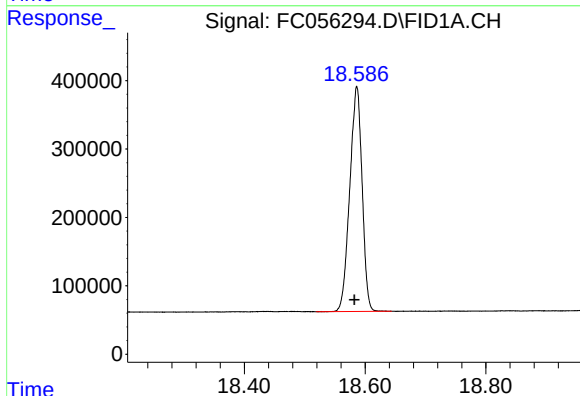
R.T.: 16.874 min
Delta R.T.: 0.004 min
Response: 5214244
Conc: 50.23 ug/ml



#17 n-Tricontane (C30)

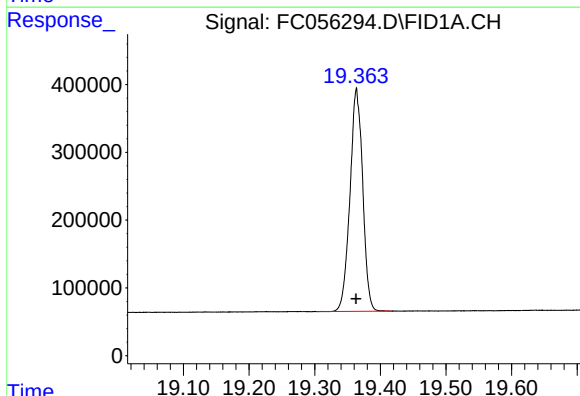
R.T.: 17.757 min
Delta R.T.: 0.003 min
Response: 5025058
Conc: 49.23 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



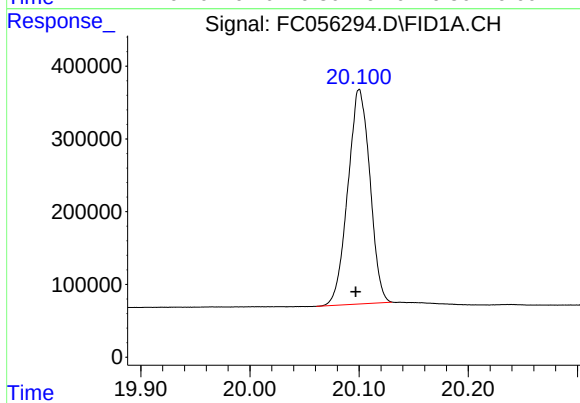
#18 n-Dotriacontane (C32)

R.T.: 18.586 min
Delta R.T.: 0.004 min
Response: 4665838
Conc: 49.55 ug/ml



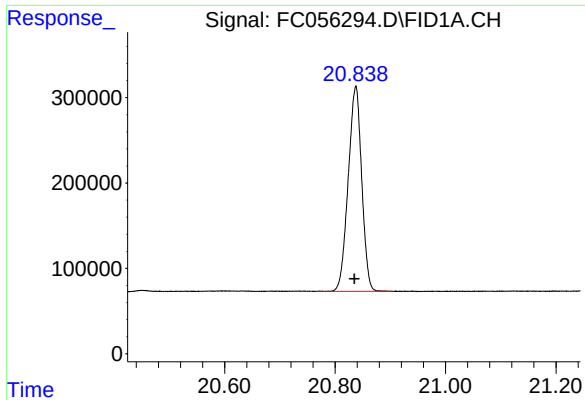
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.000 min
Response: 4423578
Conc: 50.82 ug/ml



#20 n-Hexatriacontane (C36)

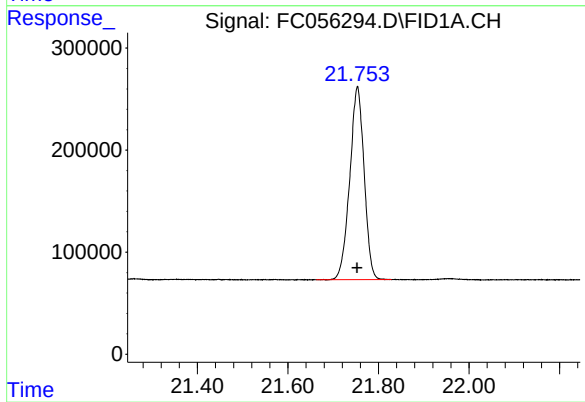
R.T.: 20.100 min
Delta R.T.: 0.004 min
Response: 4142893
Conc: 51.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.837 min
Delta R.T.: 0.002 min
Response: 4067416
Conc: 51.04 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.754 min
Delta R.T.: 0.001 min
Response: 4168804
Conc: 50.88 ug/ml