

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062521AL\
 Data File : FC054446.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2021 20:41
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jun 26 01:54:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 01:54:25 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)	11.342	14440805	107.277 ug/ml
Spiked Amount 50.000		Recovery =	214.55%
12) S 1-chlorooctadecane (S...	12.782	11401720	107.029 ug/ml
Spiked Amount 50.000		Recovery =	214.06%
Target Compounds			
1) T n-Nonane (C9)	3.148	12091221	106.630 ug/ml
2) T n-Decane (C10)	4.205	12222697	106.912 ug/ml
3) T A~Naphthalene (C11.7)	5.770	13971578	110.096 ug/ml
4) T n-Dodecane (C12)	6.213	12297171	106.634 ug/ml
5) T A~2-methylnaphthalene...	6.825	14125287	109.726 ug/ml
6) T n-Tetradecane (C14)	8.002	12560260	106.985 ug/ml
7) T n-Hexadecane (C16)	9.597	12744660	107.108 ug/ml
8) T n-Octadecane (C18)	11.038	13199477	107.362 ug/ml
10) T n-Eicosane (C20)	12.342	13260634	107.003 ug/ml
11) T n-Heneicosane (C21)	12.953	13497916	106.709 ug/ml
13) T n-Docosane (C22)	13.537	13478817	106.824 ug/ml
14) T n-Tetracosane (C24)	14.638	13704044	106.146 ug/ml
15) T n-Hexacosane (C26)	15.657	13662171	105.738 ug/ml
16) T n-Octacosane (C28)	16.606	13684540	104.514 ug/ml
17) T n-Tricontane (C30)	17.492	13466740	102.451 ug/ml
18) T n-Dotriacontane (C32)	18.323	12890186	100.121 ug/ml
19) T n-Tetratriacontane (C34)	19.105	12415775	95.611 ug/ml
20) T n-Hexatriacontane (C36)	19.844	11454325	98.358 ug/ml
21) T n-Octatriacontane (C38)	20.549	10651077	98.379 ug/ml
22) T n-Tetracontane (C40)	21.373	10390928	98.633 ug/ml

(f)=RT Delta > 1/2 Window

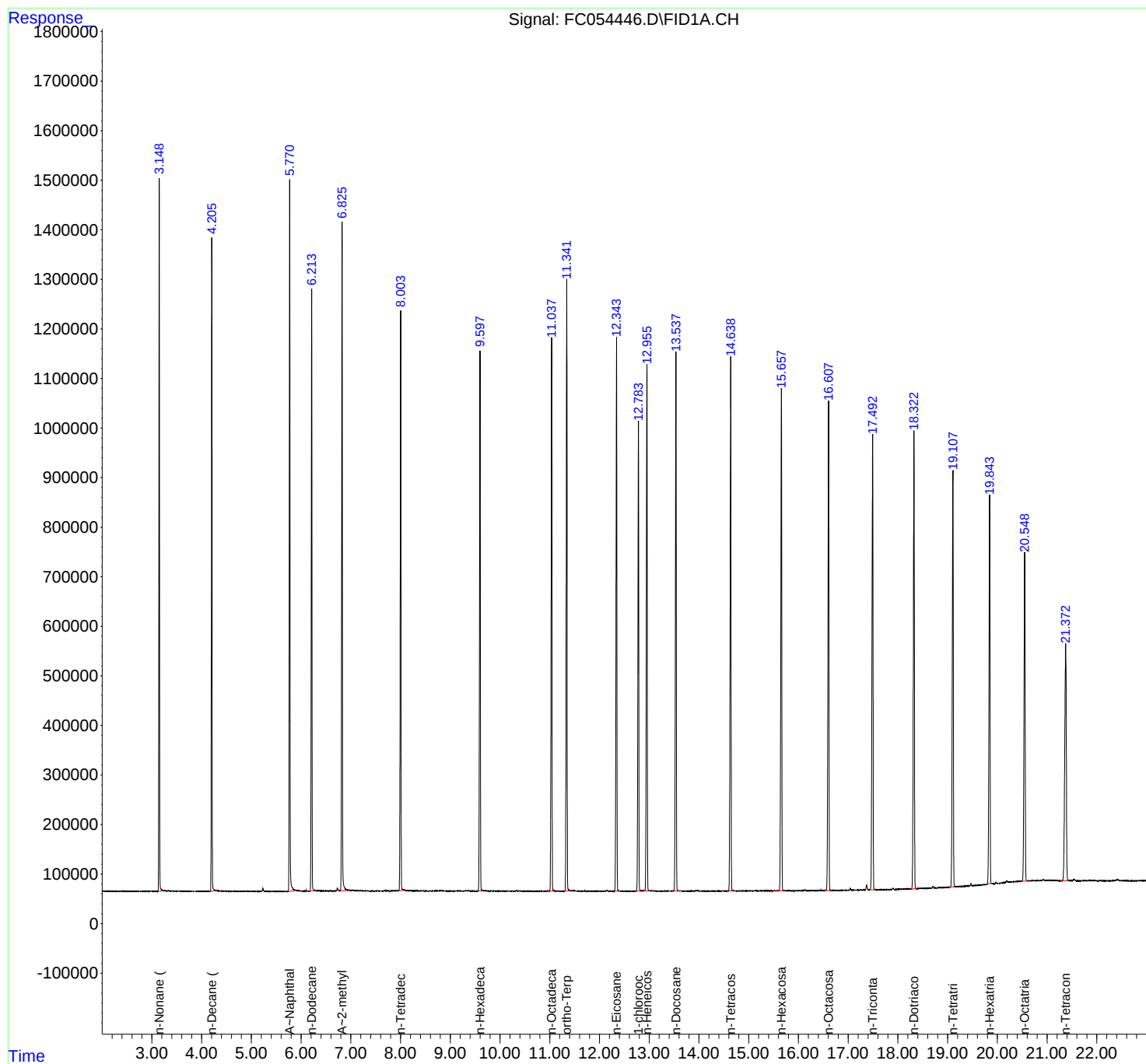
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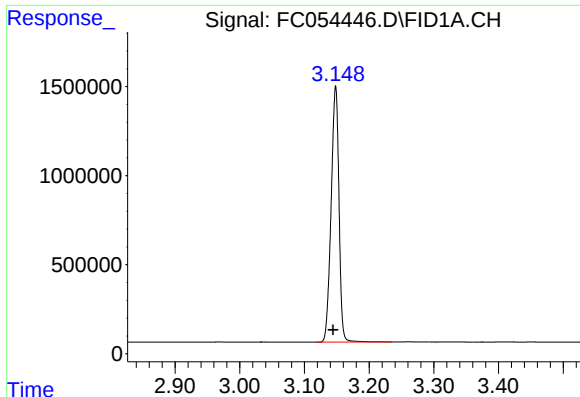
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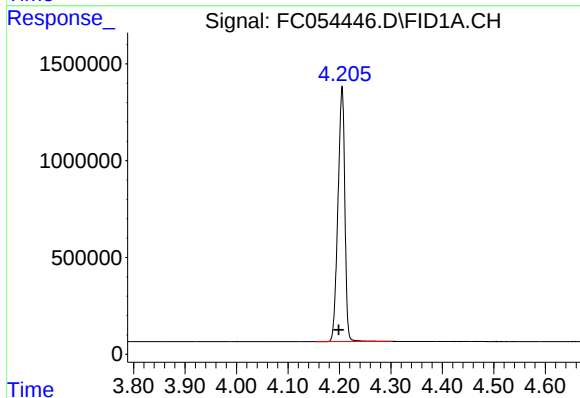




#1 n-Nonane (C9)

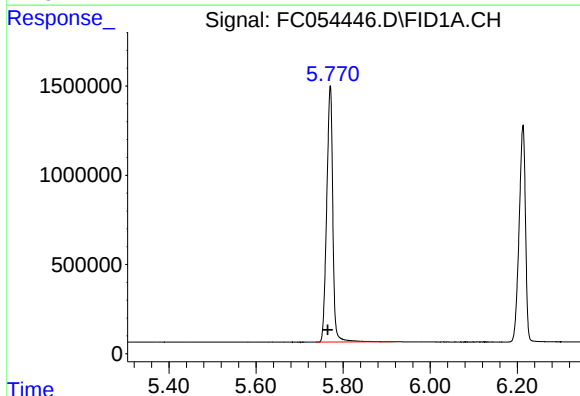
R.T.: 3.148 min
Delta R.T.: 0.004 min
Response: 12091221
Conc: 106.63 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



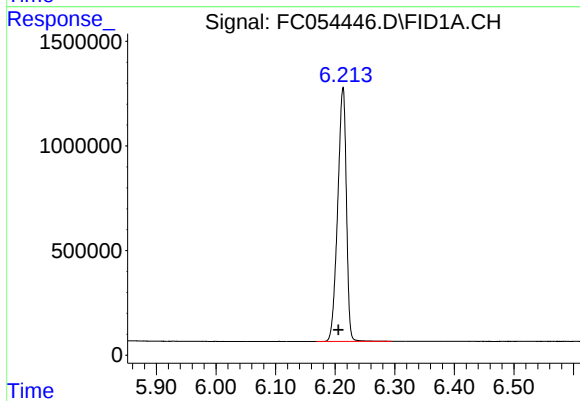
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.006 min
Response: 12222697
Conc: 106.91 ug/ml



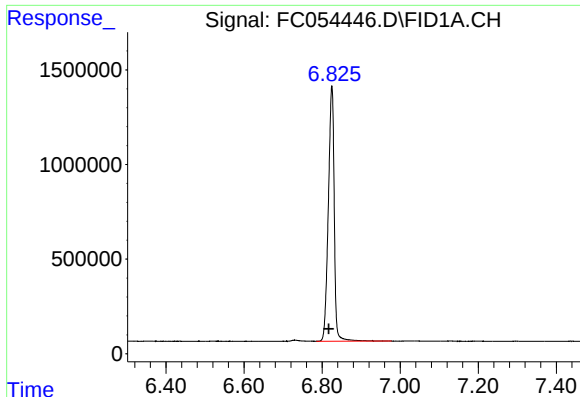
#3 A~Naphthalene (C11.7)

R.T.: 5.770 min
Delta R.T.: 0.005 min
Response: 13971578
Conc: 110.10 ug/ml



#4 n-Dodecane (C12)

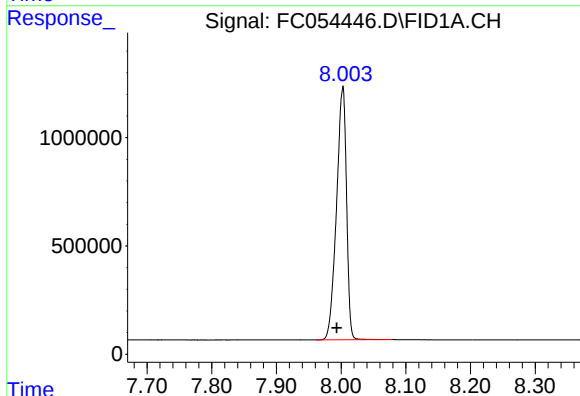
R.T.: 6.213 min
Delta R.T.: 0.007 min
Response: 12297171
Conc: 106.63 ug/ml



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

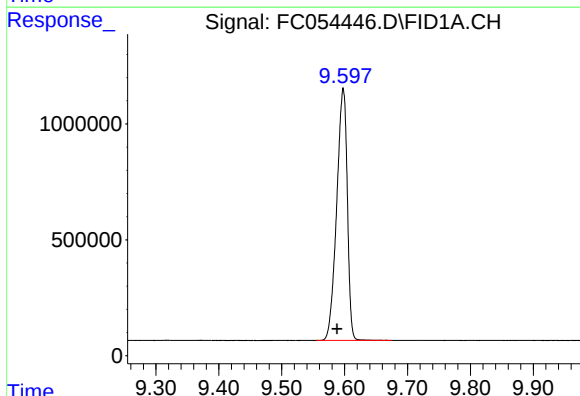
R.T.: 6.825 min
Delta R.T.: 0.008 min
Response: 14125287
Conc: 109.73 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



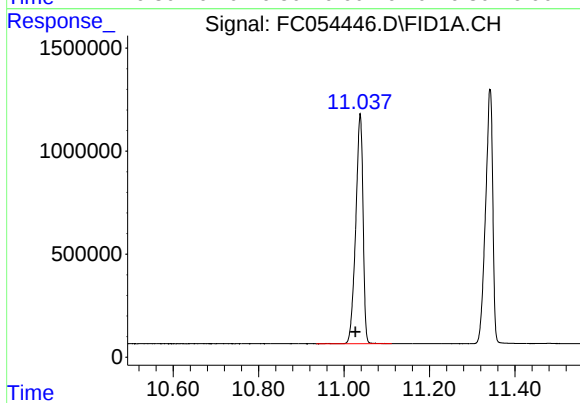
#6 n-Tetradecane (C14)

R.T.: 8.002 min
Delta R.T.: 0.009 min
Response: 12560260
Conc: 106.98 ug/ml



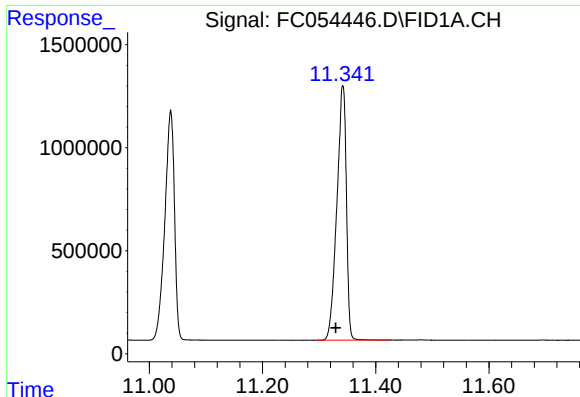
#7 n-Hexadecane (C16)

R.T.: 9.597 min
Delta R.T.: 0.009 min
Response: 12744660
Conc: 107.11 ug/ml



#8 n-Octadecane (C18)

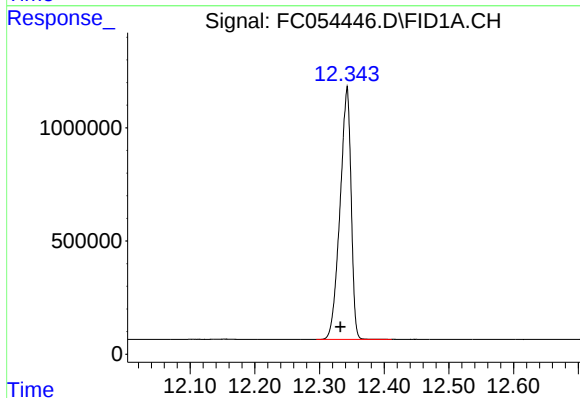
R.T.: 11.038 min
Delta R.T.: 0.011 min
Response: 13199477
Conc: 107.36 ug/ml



#9 ortho-Terphenyl (SURR)

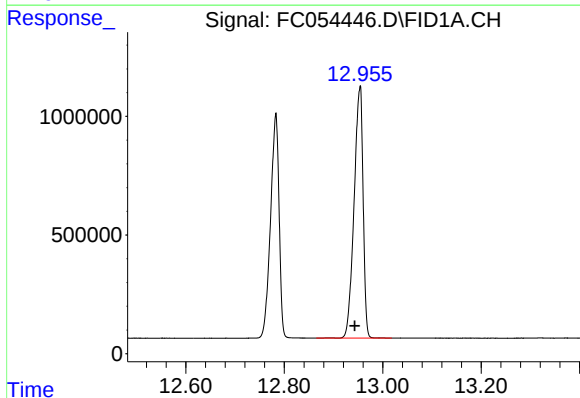
R.T.: 11.342 min
Delta R.T.: 0.012 min
Response: 14440805
Conc: 107.28 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



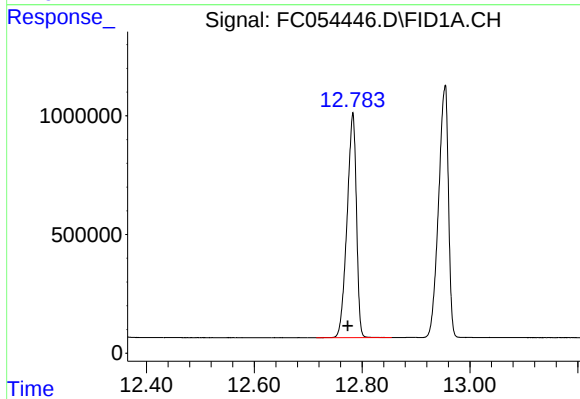
#10 n-Eicosane (C20)

R.T.: 12.342 min
Delta R.T.: 0.010 min
Response: 13260634
Conc: 107.00 ug/ml



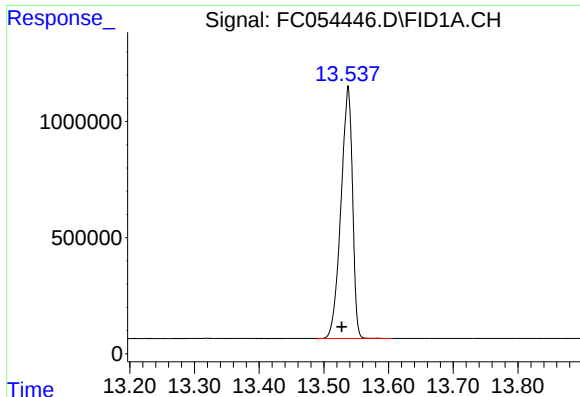
#11 n-Heneicosane (C21)

R.T.: 12.953 min
Delta R.T.: 0.010 min
Response: 13497916
Conc: 106.71 ug/ml



#12 1-chlorooctadecane (SURR)

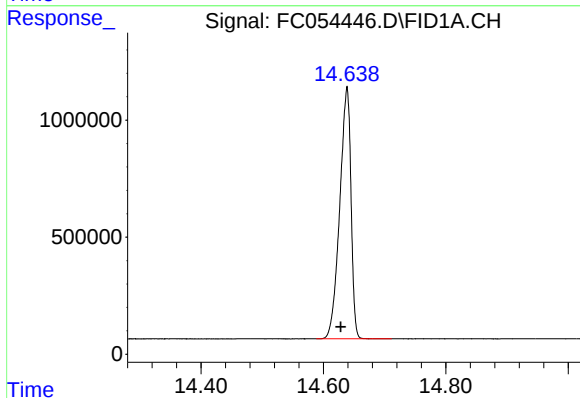
R.T.: 12.782 min
Delta R.T.: 0.009 min
Response: 11401720
Conc: 107.03 ug/ml



#13 n-Docosane (C22)

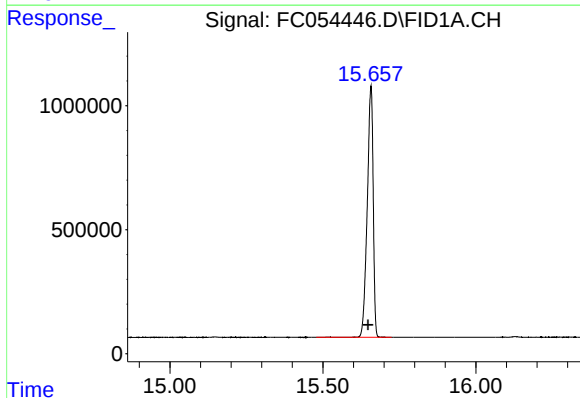
R.T.: 13.537 min
Delta R.T.: 0.009 min
Response: 13478817
Conc: 106.82 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



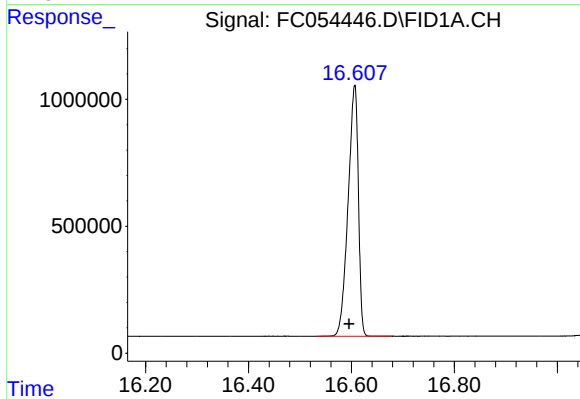
#14 n-Tetracosane (C24)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 13704044
Conc: 106.15 ug/ml



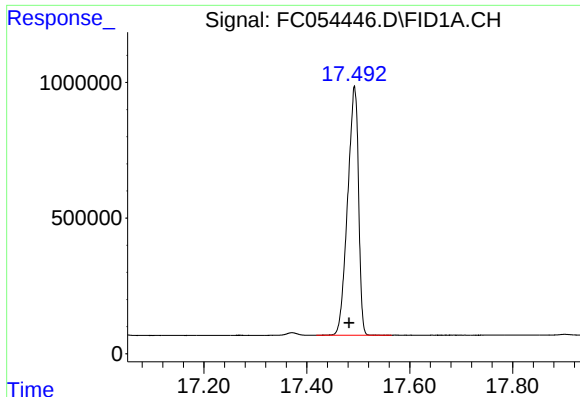
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: 0.009 min
Response: 13662171
Conc: 105.74 ug/ml



#16 n-Octacosane (C28)

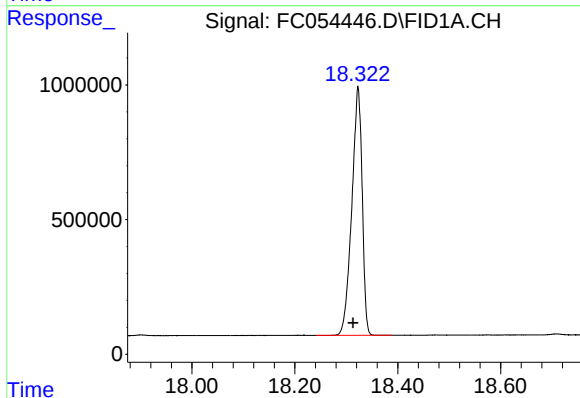
R.T.: 16.606 min
Delta R.T.: 0.010 min
Response: 13684540
Conc: 104.51 ug/ml



#17 n-Tricontane (C30)

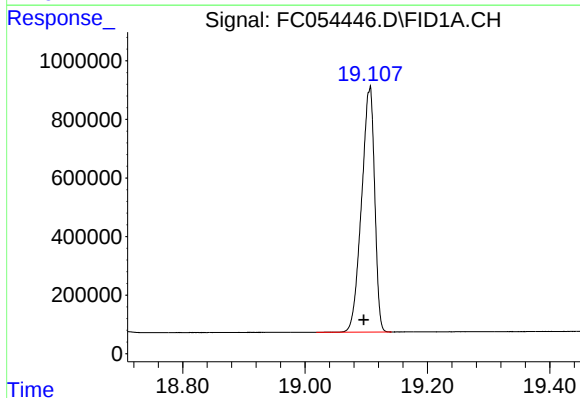
R.T.: 17.492 min
Delta R.T.: 0.011 min
Response: 13466740
Conc: 102.45 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



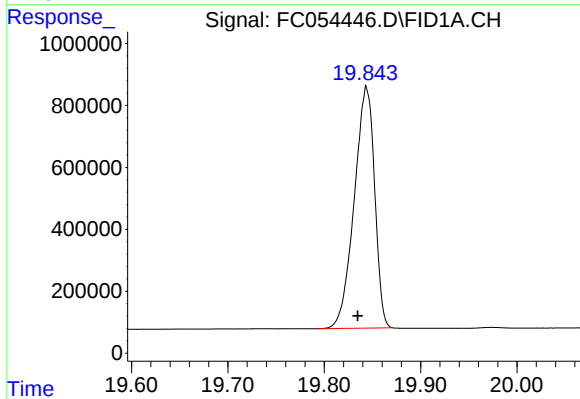
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.010 min
Response: 12890186
Conc: 100.12 ug/ml



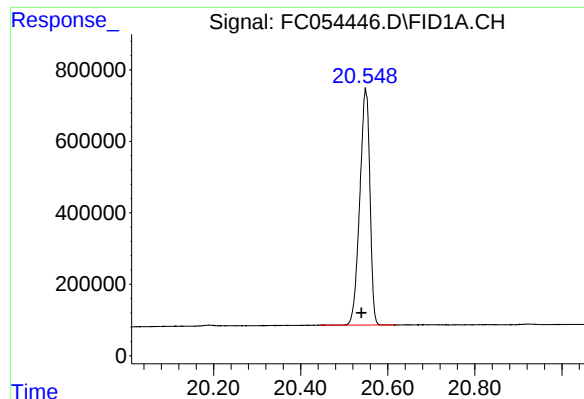
#19 n-Tetratriacontane (C34)

R.T.: 19.105 min
Delta R.T.: 0.009 min
Response: 12415775
Conc: 95.61 ug/ml



#20 n-Hexatriacontane (C36)

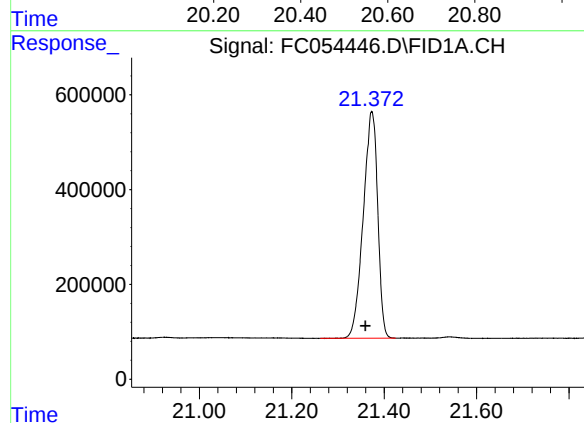
R.T.: 19.844 min
Delta R.T.: 0.009 min
Response: 11454325
Conc: 98.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.549 min
Delta R.T.: 0.010 min
Response: 10651077
Conc: 98.38 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.373 min
Delta R.T.: 0.015 min
Response: 10390928
Conc: 98.63 ug/ml