

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050820AL\
 Data File : FC047339.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2020 13:13
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 08 16:44:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:42:46 2020
 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)	11.755	12119707	99.073 ug/ml
Spiked Amount 50.000		Recovery =	198.15%
12) S 1-chlorooctadecane (S...	13.167	9856818	98.205 ug/ml
Spiked Amount 50.000		Recovery =	196.41%
Target Compounds			
1) T n-Nonane (C9)	3.552	10678052	102.570 ug/ml
2) T n-Decane (C10)	4.618	10793556	102.911 ug/ml
3) T A~Naphthalene (C11.7)	6.214	11872088	110.044 ug/ml
4) T n-Dodecane (C12)	6.621	11005681	101.509 ug/ml
5) T A~2-methylnaphthalene...	7.263	12123995	110.693 ug/ml
6) T n-Tetradecane (C14)	8.399	11071198	101.547 ug/ml
7) T n-Hexadecane (C16)	9.988	10935098	100.198 ug/ml
8) T n-Octadecane (C18)	11.422	11339221	98.604 ug/ml
10) T n-Eicosane (C20)	12.721	11344061	97.448 ug/ml
11) T n-Heneicosane (C21)	13.330	11289524	97.041 ug/ml
13) T n-Docosane (C22)	13.912	11260032	97.131 ug/ml
14) T n-Tetracosane (C24)	15.008	11167978	96.900 ug/ml
15) T n-Hexacosane (C26)	16.024	10966567	96.639 ug/ml
16) T n-Octacosane (C28)	16.967	10808819	96.323 ug/ml
17) T n-Tricontane (C30)	17.850	10375931	96.061 ug/ml
18) T n-Dotriacontane (C32)	18.676	9399703	95.911 ug/ml
19) T n-Tetratriacontane (C34)	19.455	8765294	95.785 ug/ml
20) T n-Hexatriacontane (C36)	20.189	8311492	96.235 ug/ml
21) T n-Octatriacontane (C38)	20.948	7778407	95.854 ug/ml
22) T n-Tetracontane (C40)	21.900	7947162	97.351 ug/ml

(f)=RT Delta > 1/2 Window

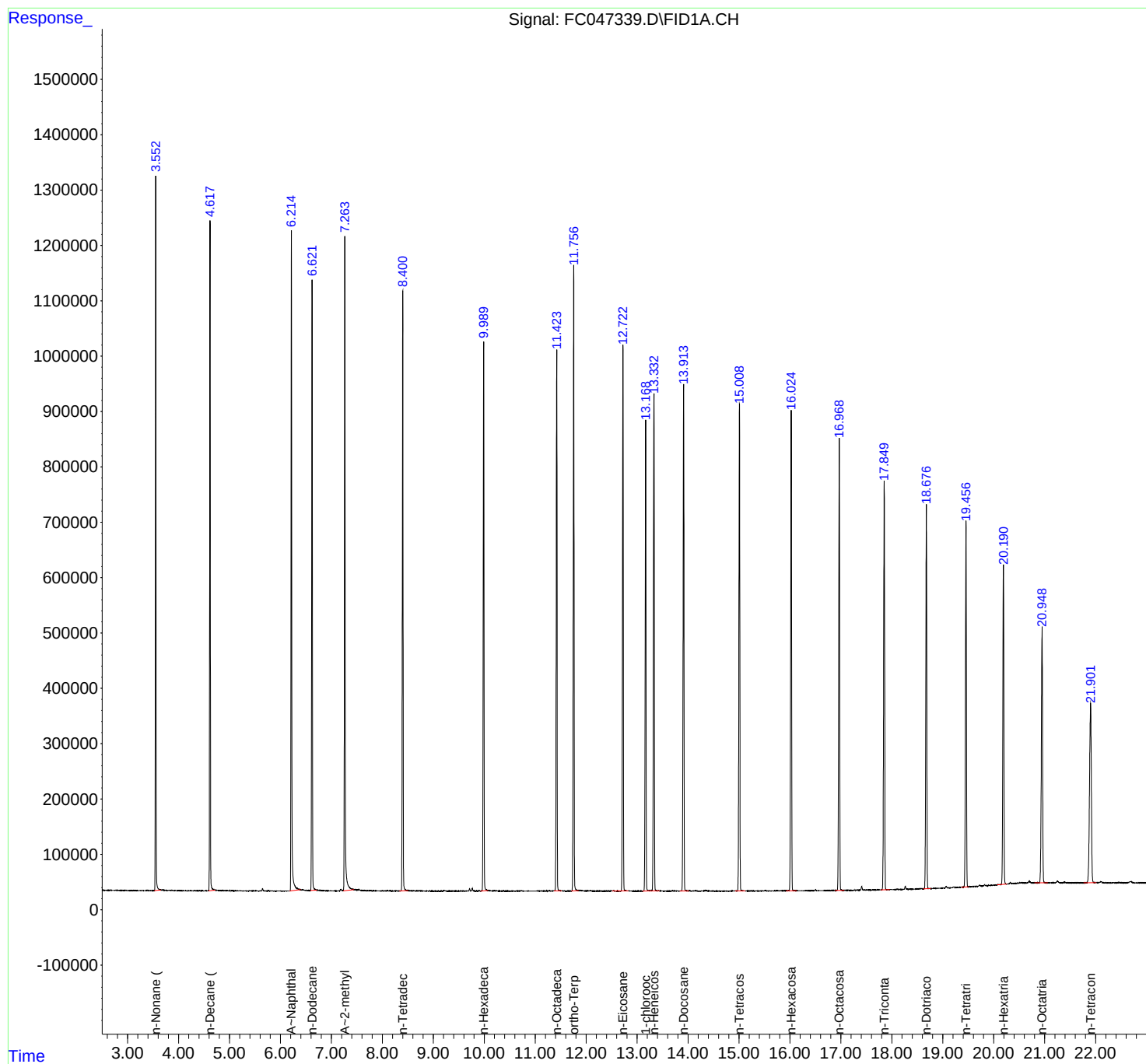
(m)=manual int.

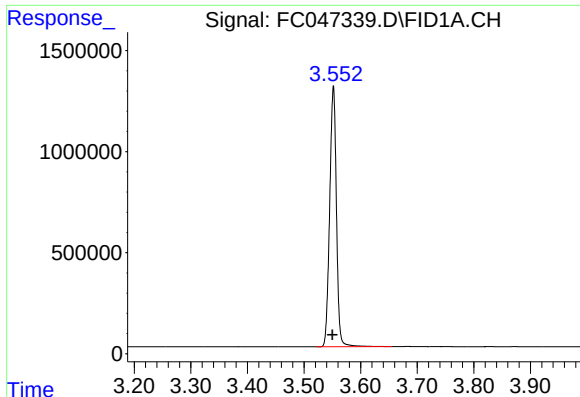
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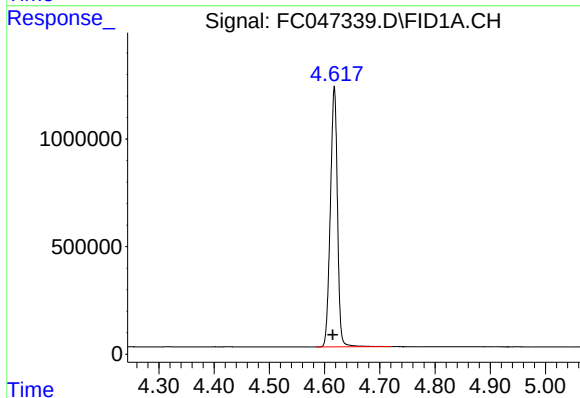




#1 n-Nonane (C9)

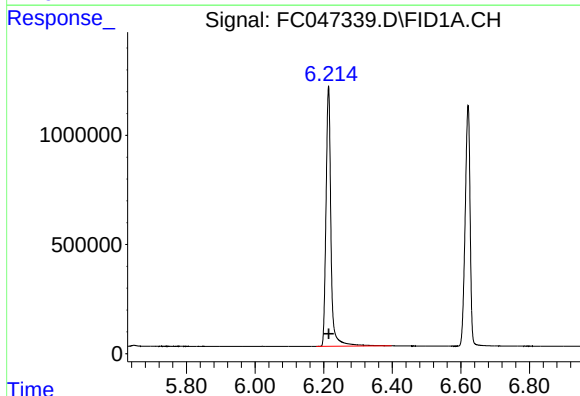
R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 10678052
Conc: 102.57 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



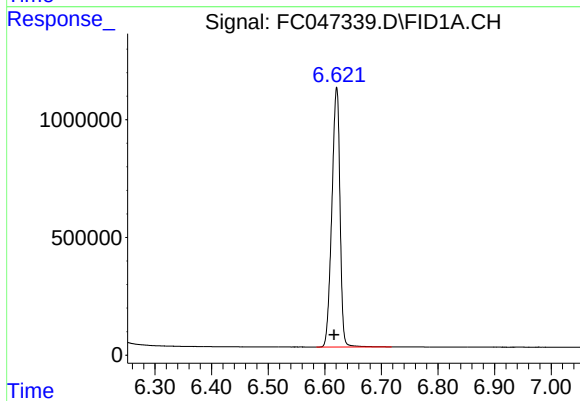
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 10793556
Conc: 102.91 ug/ml



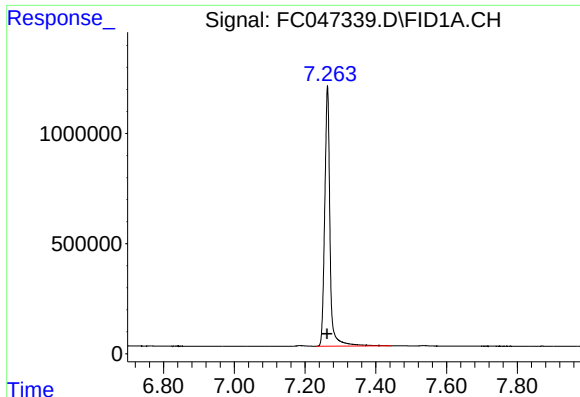
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 11872088
Conc: 110.04 ug/ml



#4 n-Dodecane (C12)

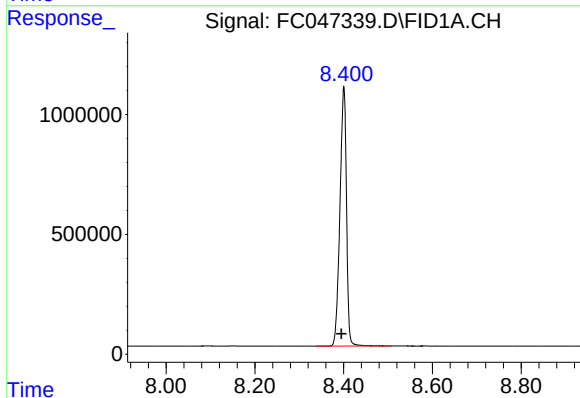
R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 11005681
Conc: 101.51 ug/ml



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

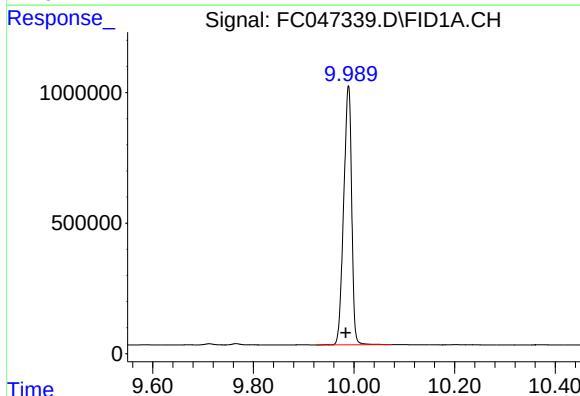
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 12123995
Conc: 110.69 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



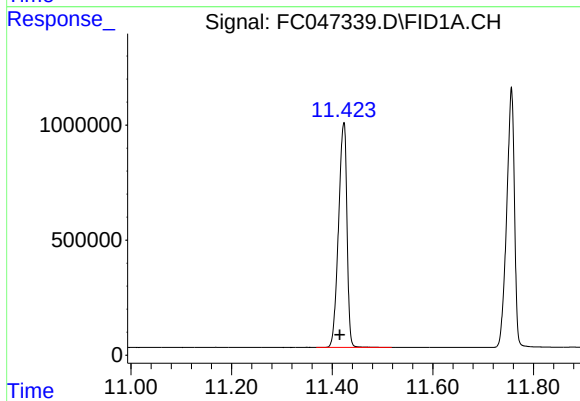
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.004 min
Response: 11071198
Conc: 101.55 ug/ml



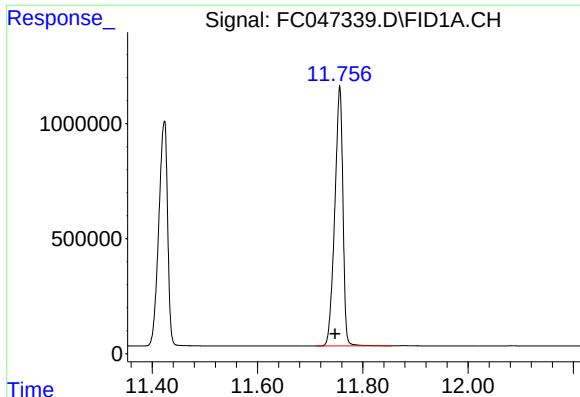
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.004 min
Response: 10935098
Conc: 100.20 ug/ml



#8 n-Octadecane (C18)

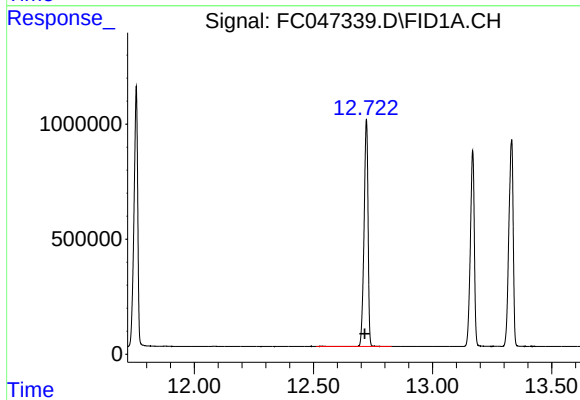
R.T.: 11.422 min
Delta R.T.: 0.006 min
Response: 11339221
Conc: 98.60 ug/ml



#9 ortho-Terphenyl (SURR)

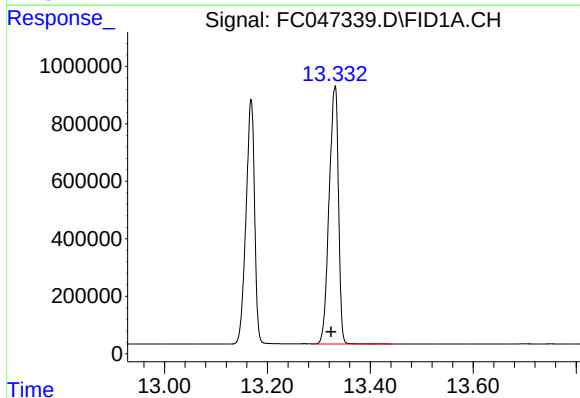
R.T.: 11.755 min
Delta R.T.: 0.008 min
Response: 12119707
Conc: 99.07 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



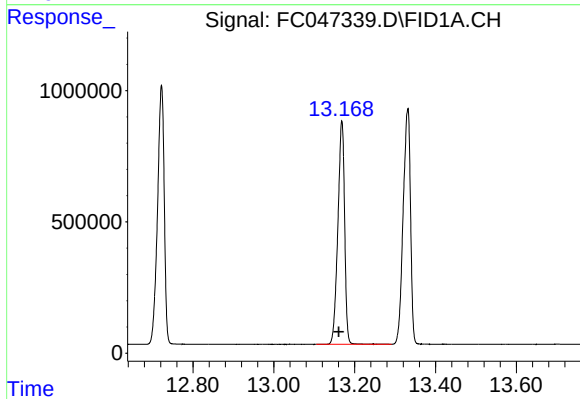
#10 n-Eicosane (C20)

R.T.: 12.721 min
Delta R.T.: 0.006 min
Response: 11344061
Conc: 97.45 ug/ml



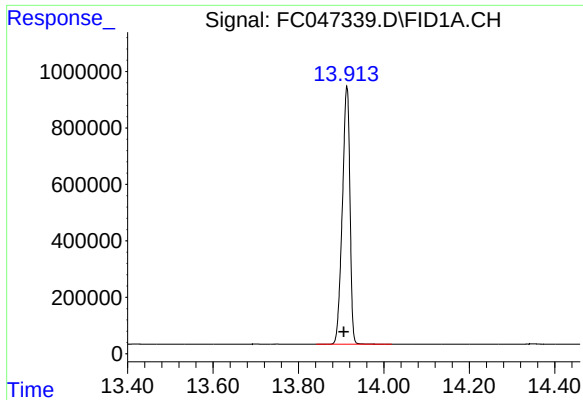
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.006 min
Response: 11289524
Conc: 97.04 ug/ml



#12 1-chlorooctadecane (SURR)

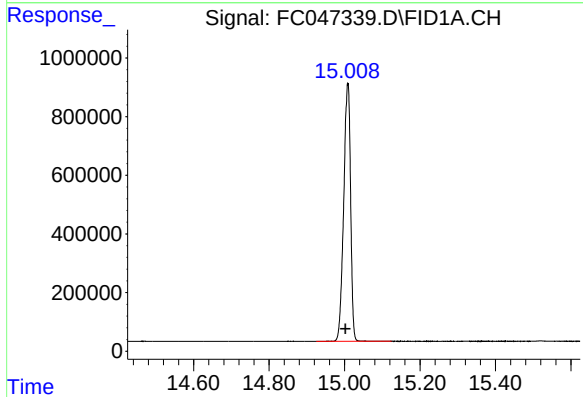
R.T.: 13.167 min
Delta R.T.: 0.006 min
Response: 9856818
Conc: 98.21 ug/ml



#13 n-Docosane (C22)

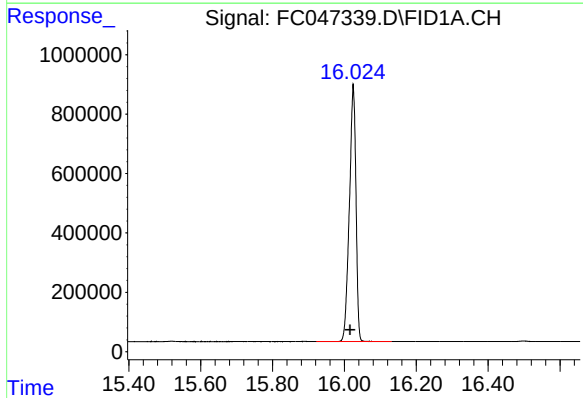
R.T.: 13.912 min
Delta R.T.: 0.006 min
Response: 11260032
Conc: 97.13 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



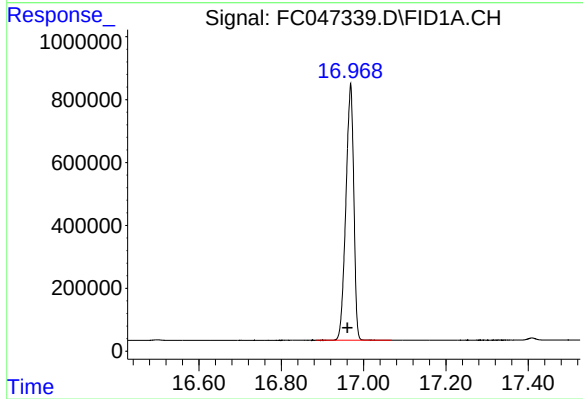
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.005 min
Response: 11167978
Conc: 96.90 ug/ml



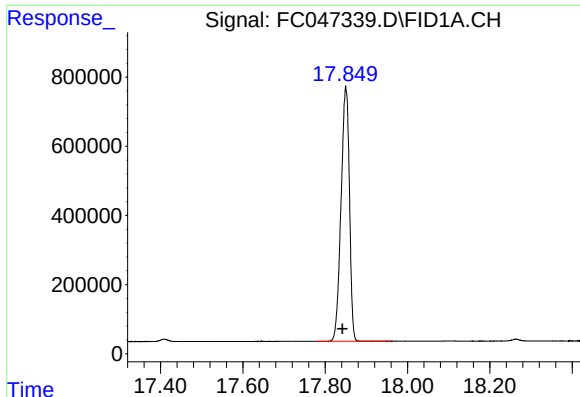
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.008 min
Response: 10966567
Conc: 96.64 ug/ml



#16 n-Octacosane (C28)

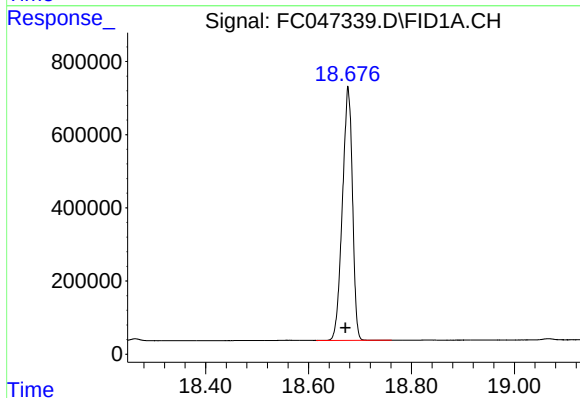
R.T.: 16.967 min
Delta R.T.: 0.007 min
Response: 10808819
Conc: 96.32 ug/ml



#17 n-Tricontane (C30)

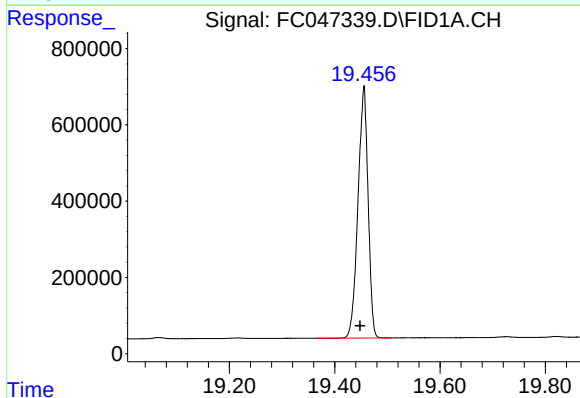
R.T.: 17.850 min
Delta R.T.: 0.007 min
Response: 10375931
Conc: 96.06 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



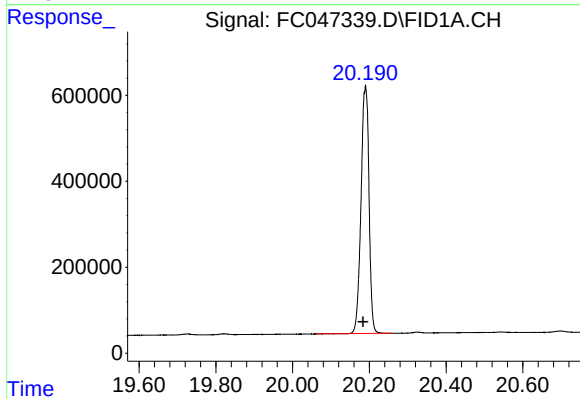
#18 n-Dotriacontane (C32)

R.T.: 18.676 min
Delta R.T.: 0.005 min
Response: 9399703
Conc: 95.91 ug/ml



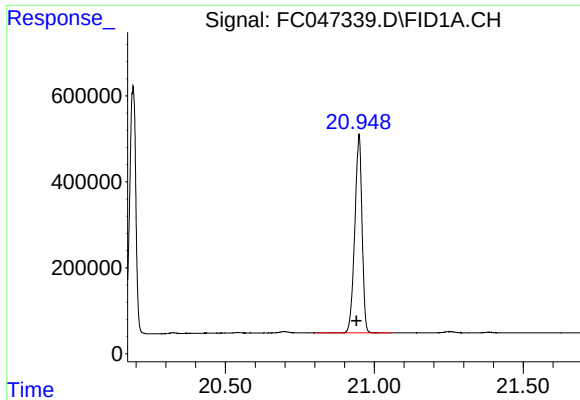
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: 0.006 min
Response: 8765294
Conc: 95.78 ug/ml



#20 n-Hexatriacontane (C36)

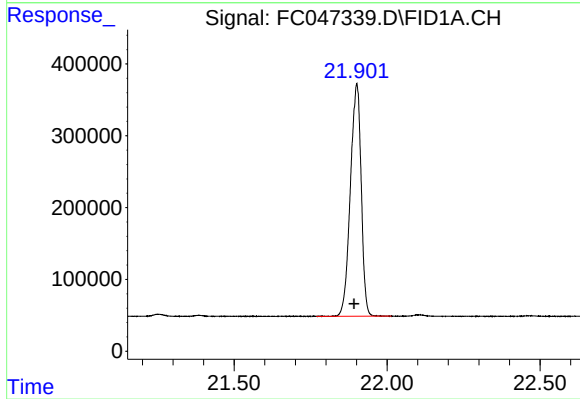
R.T.: 20.189 min
Delta R.T.: 0.005 min
Response: 8311492
Conc: 96.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: 0.008 min
Response: 7778407
Conc: 95.85 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.900 min
Delta R.T.: 0.008 min
Response: 7947162
Conc: 97.35 ug/ml