

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056915.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 20:50
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Nov 19 00:45:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:45:04 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)	11.609	11366903	98.513 ug/ml
Spiked Amount 50.000		Recovery =	197.03%
12) S 1-chlorooctadecane (S...	13.039	8914711	98.475 ug/ml
Spiked Amount 50.000		Recovery =	196.95%
Target Compounds			
1) T n-Nonane (C9)	3.367	10092765	99.708 ug/ml
2) T n-Decane (C10)	4.434	10163630	100.999 ug/ml
3) T A~Naphthalene (C11.7)	6.022	11486483	102.501 ug/ml
4) T n-Dodecane (C12)	6.451	10176467	100.669 ug/ml
5) T A~2-methylnaphthalene...	7.080	11548460	102.109 ug/ml
6) T n-Tetradecane (C14)	8.246	10223487	101.028 ug/ml
7) T n-Hexadecane (C16)	9.846	10274919	99.833 ug/ml
8) T n-Octadecane (C18)	11.288	10539434	99.018 ug/ml
10) T n-Eicosane (C20)	12.594	10442871	98.254 ug/ml
11) T n-Heneicosane (C21)	13.205	10544839	98.055 ug/ml
13) T n-Docosane (C22)	13.790	10457809	98.185 ug/ml
14) T n-Tetracosane (C24)	14.889	10474293	97.370 ug/ml
15) T n-Hexacosane (C26)	15.907	10273695	97.140 ug/ml
16) T n-Octacosane (C28)	16.854	10166999	95.924 ug/ml
17) T n-Tricontane (C30)	17.738	9956675	94.777 ug/ml
18) T n-Dotriacontane (C32)	18.566	9639766	92.901 ug/ml
19) T n-Tetratriacontane (C34)	19.347	9483465	92.546 ug/ml
20) T n-Hexatriacontane (C36)	20.083	9012521	88.989 ug/ml
21) T n-Octatriacontane (C38)	20.816	8576028	94.361 ug/ml
22) T n-Tetracontane (C40)	21.727	8539958	95.184 ug/ml

(f)=RT Delta > 1/2 Window

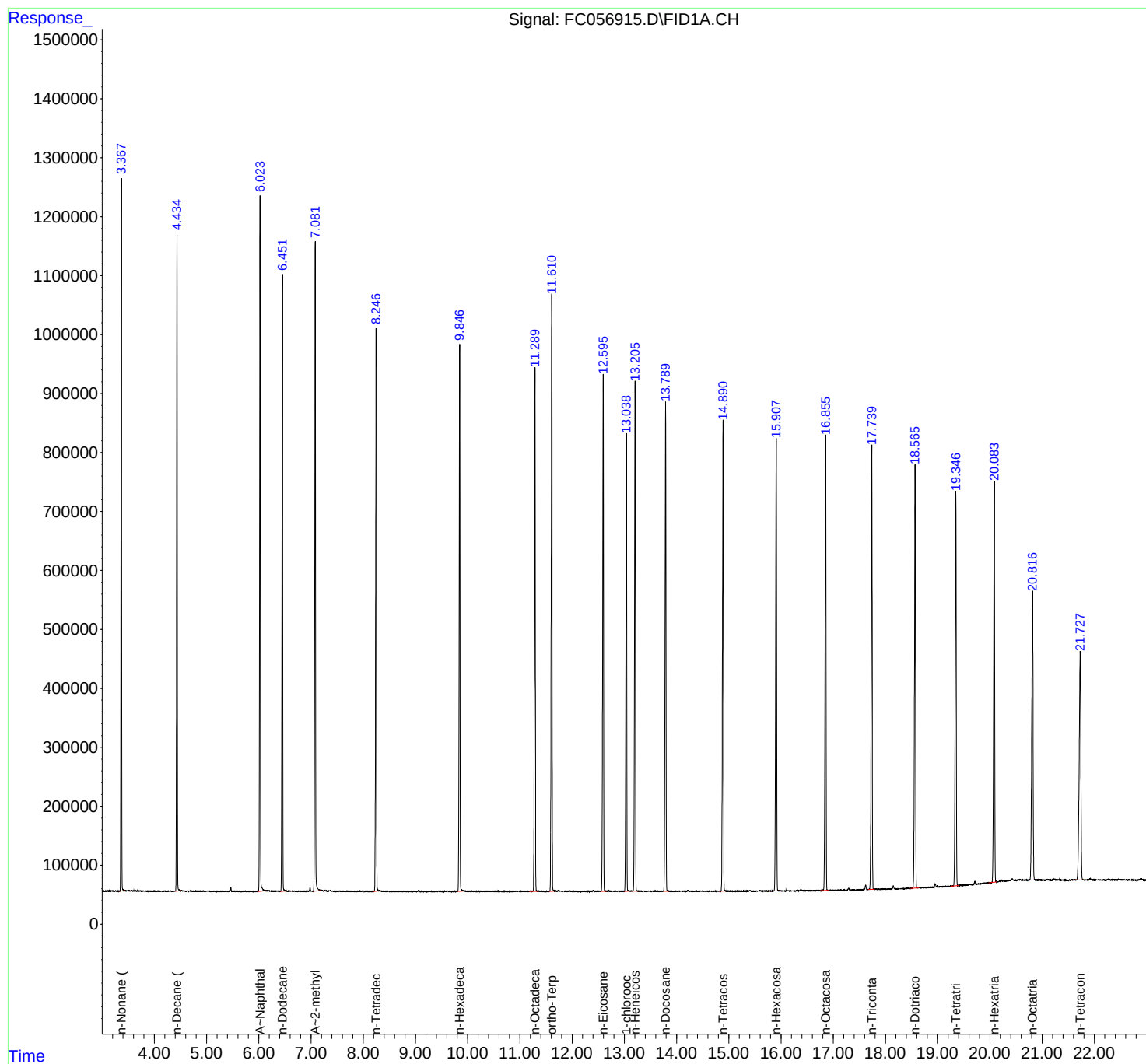
(m)=manual int.

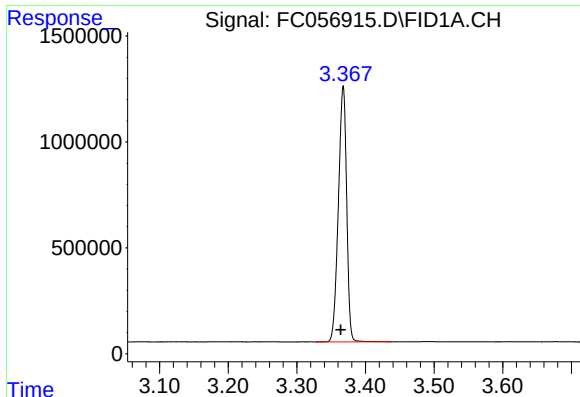
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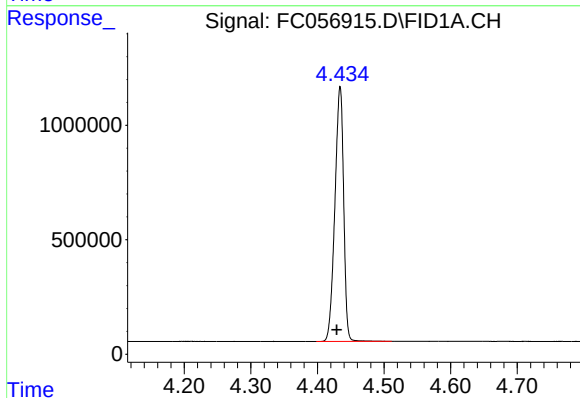




#1 n-Nonane (C9)

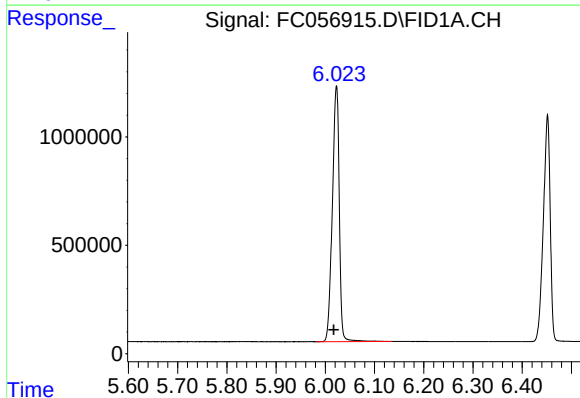
R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 10092765
Conc: 99.71 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



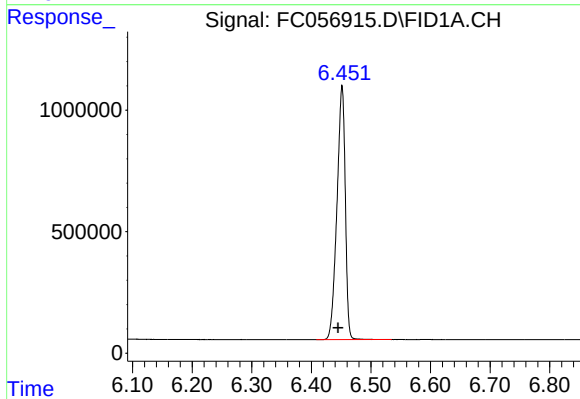
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: 0.005 min
Response: 10163630
Conc: 101.00 ug/ml



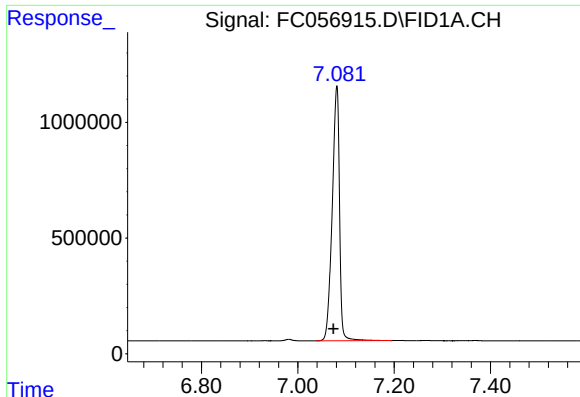
#3 A~Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: 0.005 min
Response: 11486483
Conc: 102.50 ug/ml



#4 n-Dodecane (C12)

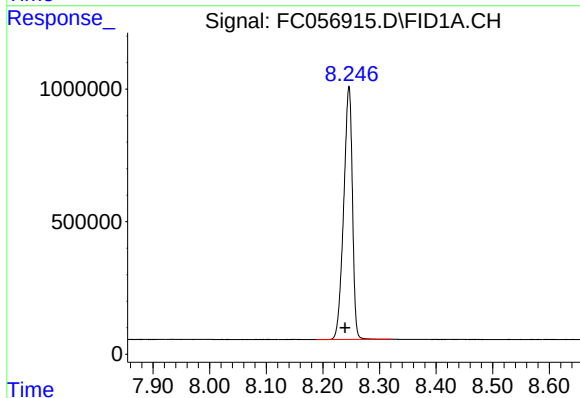
R.T.: 6.451 min
Delta R.T.: 0.006 min
Response: 10176467
Conc: 100.67 ug/ml



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

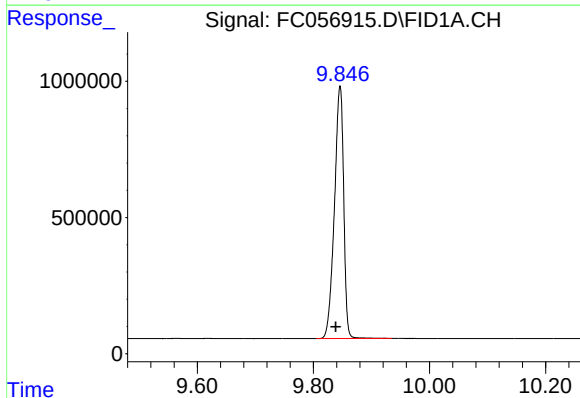
R.T.: 7.080 min
Delta R.T.: 0.007 min
Response: 11548460
Conc: 102.11 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



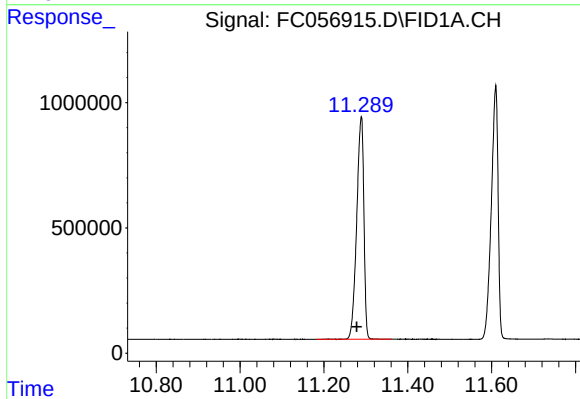
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: 0.007 min
Response: 10223487
Conc: 101.03 ug/ml



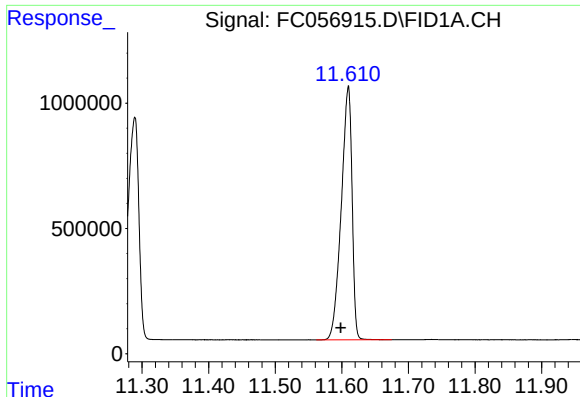
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: 0.007 min
Response: 10274919
Conc: 99.83 ug/ml



#8 n-Octadecane (C18)

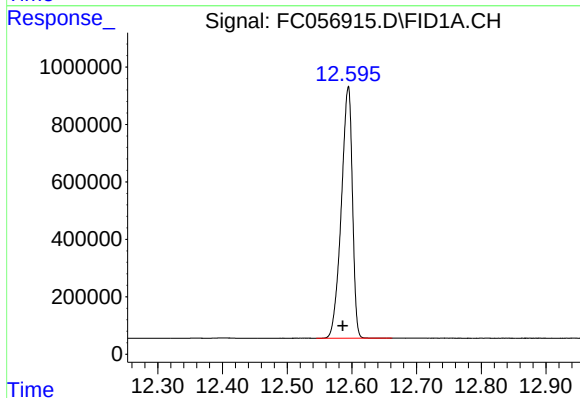
R.T.: 11.288 min
Delta R.T.: 0.010 min
Response: 10539434
Conc: 99.02 ug/ml



#9 ortho-Terphenyl (SURR)

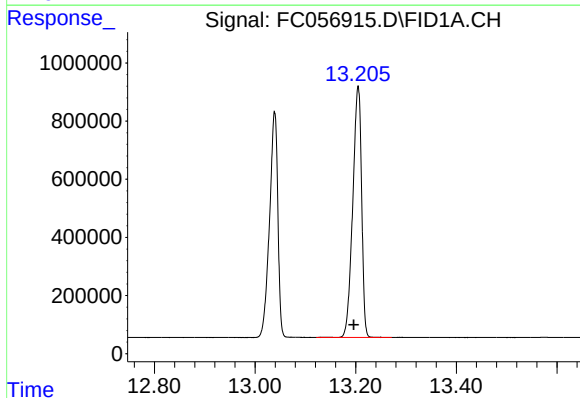
R.T.: 11.609 min
Delta R.T.: 0.011 min
Response: 11366903
Conc: 98.51 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



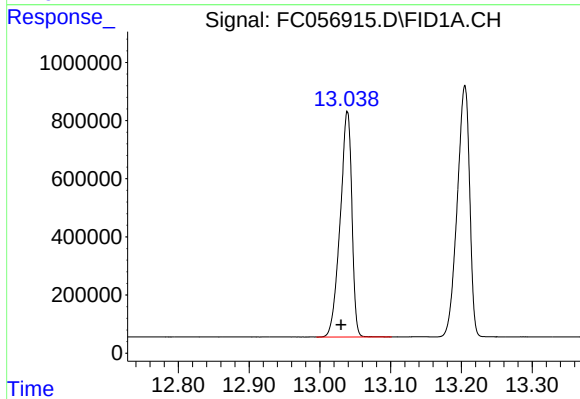
#10 n-Eicosane (C20)

R.T.: 12.594 min
Delta R.T.: 0.008 min
Response: 10442871
Conc: 98.25 ug/ml



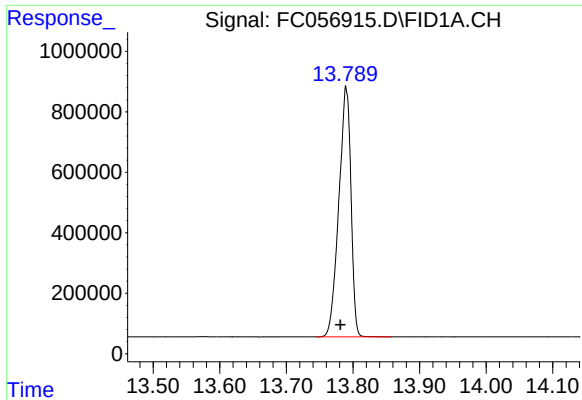
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: 0.008 min
Response: 10544839
Conc: 98.05 ug/ml



#12 1-chlorooctadecane (SURR)

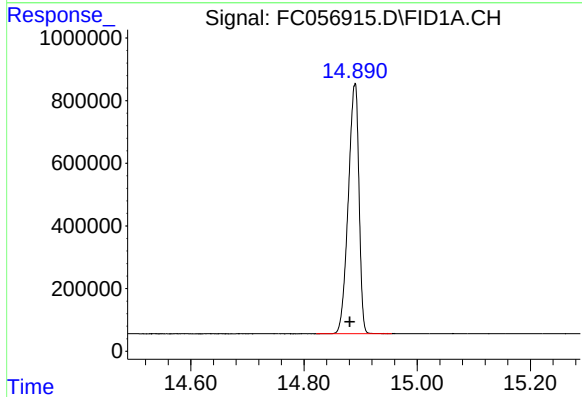
R.T.: 13.039 min
Delta R.T.: 0.008 min
Response: 8914711
Conc: 98.47 ug/ml



#13 n-Docosane (C22)

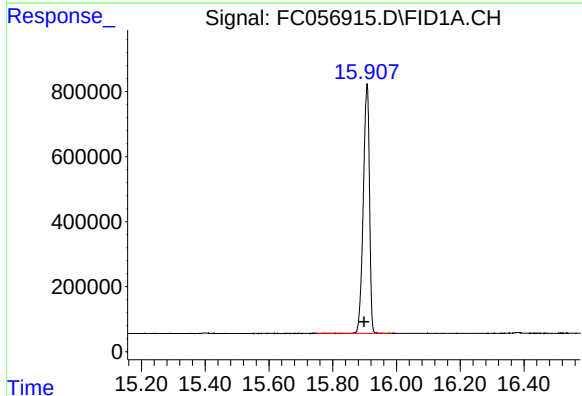
R.T.: 13.790 min
Delta R.T.: 0.009 min
Response: 10457809
Conc: 98.18 ug/ml

Instrument :
FID_C
ClientSampleId :
100 PPM ALIPHATIC HC STD1



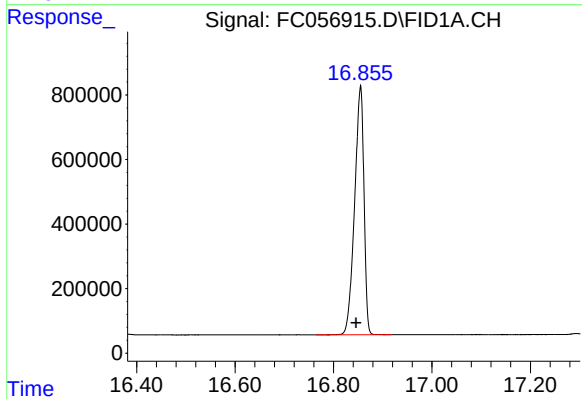
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: 0.009 min
Response: 10474293
Conc: 97.37 ug/ml



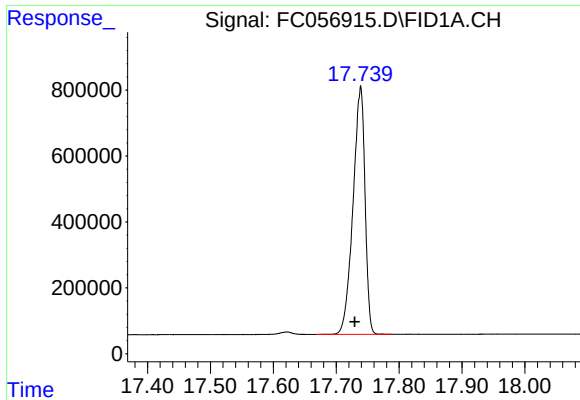
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: 0.009 min
Response: 10273695
Conc: 97.14 ug/ml



#16 n-Octacosane (C28)

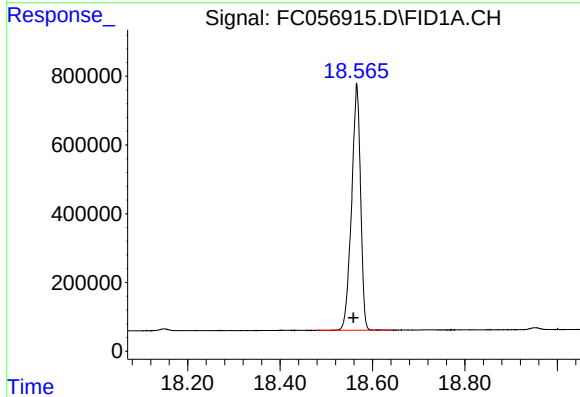
R.T.: 16.854 min
Delta R.T.: 0.009 min
Response: 10166999
Conc: 95.92 ug/ml



#17 n-Tricontane (C30)

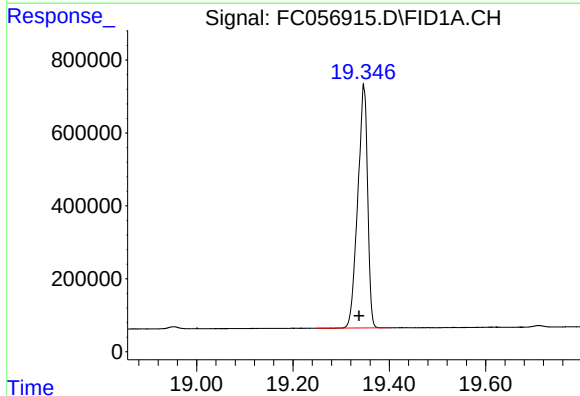
R.T.: 17.738 min
Delta R.T.: 0.009 min
Response: 9956675
Conc: 94.78 ug/ml

Instrument :
FID_C
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100 PPM ALIPHATIC HC STD1



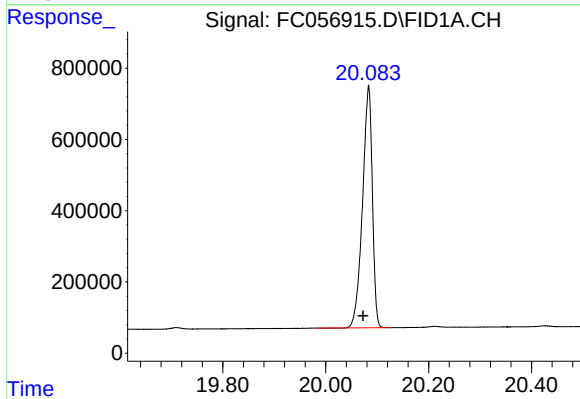
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: 0.007 min
Response: 9639766
Conc: 92.90 ug/ml



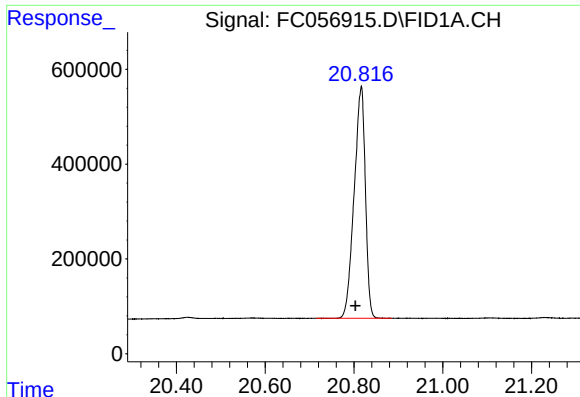
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: 0.010 min
Response: 9483465
Conc: 92.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.083 min
Delta R.T.: 0.010 min
Response: 9012521
Conc: 88.99 ug/ml



#21 n-Octatriacontane (C38)

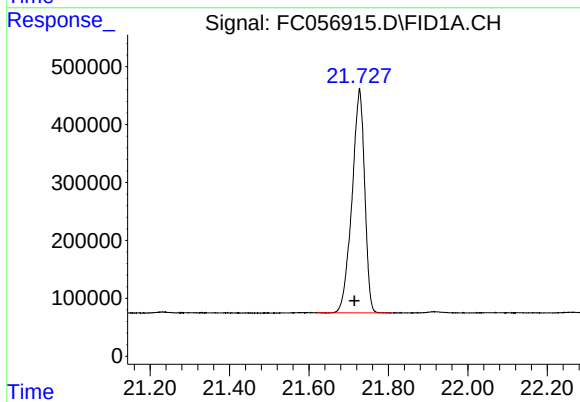
R.T.: 20.816 min
Delta R.T.: 0.012 min
Response: 8576028
Conc: 94.36 ug/ml

Instrument :

FID_C

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.727 min
Delta R.T.: 0.013 min
Response: 8539958
Conc: 95.18 ug/ml