

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102121AL\
 Data File : FC056297.D
 Signal(s) : FID1A.CH
 Acq On : 21 Oct 2021 00:08
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 21 00:59:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 00:15:27 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)	11.624	628350	5.094 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
12) S 1-chlorooctadecane (S...	13.056	487049	5.077 ug/ml
Spiked Amount 50.000		Recovery =	10.15%
Target Compounds			
1) T n-Nonane (C9)	3.383	538685	4.971 ug/ml
2) T n-Decane (C10)	4.450	520155	4.788 ug/ml
3) T A~Naphthalene (C11.7)	6.042	590218	4.803 ug/ml
4) T n-Dodecane (C12)	6.469	545047	4.930 ug/ml
5) T A~2-methylnaphthalene...	7.099	584878	4.723 ug/ml
6) T n-Tetradecane (C14)	8.264	560004	4.985 ug/ml
7) T n-Hexadecane (C16)	9.864	574146	5.063 ug/ml
8) T n-Octadecane (C18)	11.303	592108	5.084 ug/ml
10) T n-Eicosane (C20)	12.610	588480	5.151 ug/ml
11) T n-Heneicosane (C21)	13.221	588718	5.154 ug/ml
13) T n-Docosane (C22)	13.806	573338	5.116 ug/ml
14) T n-Tetracosane (C24)	14.905	561958	5.125 ug/ml
15) T n-Hexacosane (C26)	15.923	543070	5.183 ug/ml
16) T n-Octacosane (C28)	16.869	548465	5.365 ug/ml
17) T n-Tricontane (C30)	17.752	587088	5.862 ug/ml
18) T n-Dotriacontane (C32)	18.581	540868	5.834 ug/ml
19) T n-Tetratriacontane (C34)	19.361	463135	5.355 ug/ml
20) T n-Hexatriacontane (C36)	20.097	425762	5.255 ug/ml
21) T n-Octatriacontane (C38)	20.832	407973	5.127 ug/ml
22) T n-Tetracontane (C40)	21.747	419898	5.121 ug/ml

(f)=RT Delta > 1/2 Window

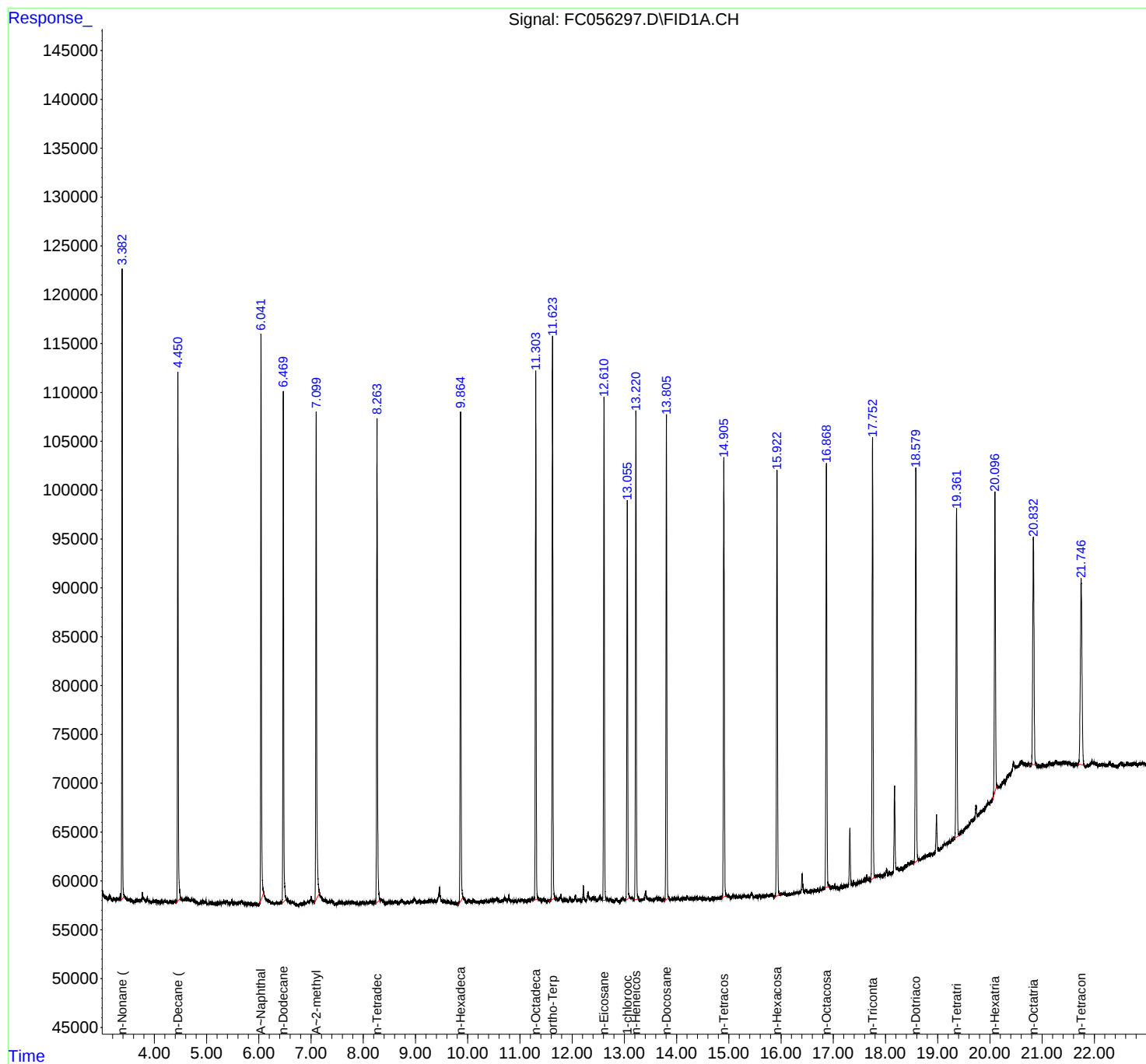
(m)=manual int.

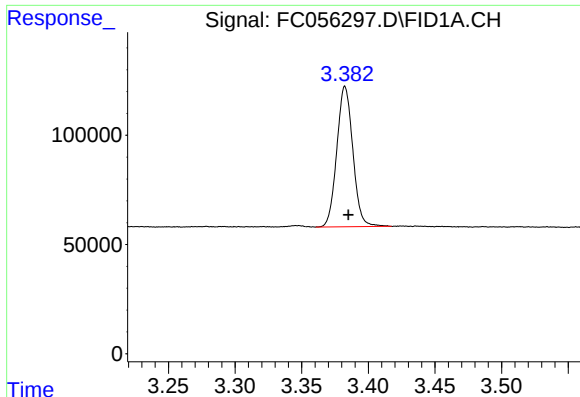
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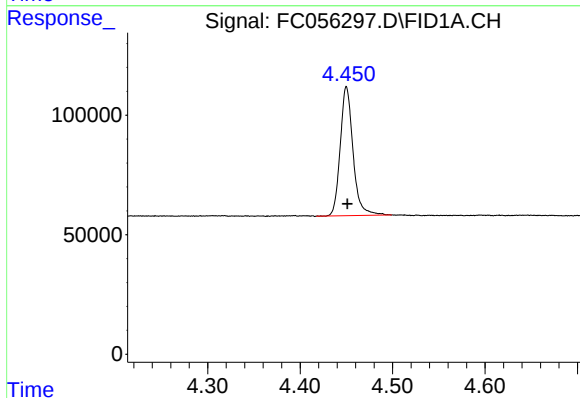




#1 n-Nonane (C9)

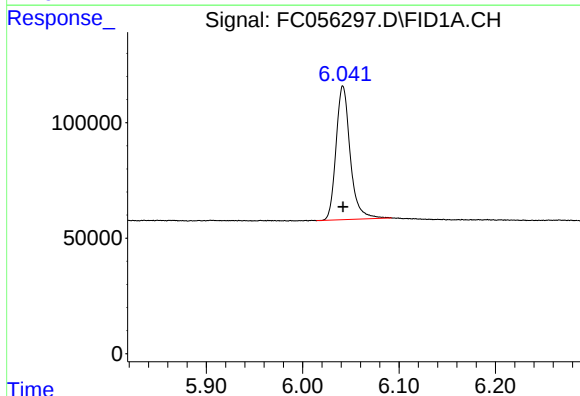
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 538685
Conc: 4.97 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



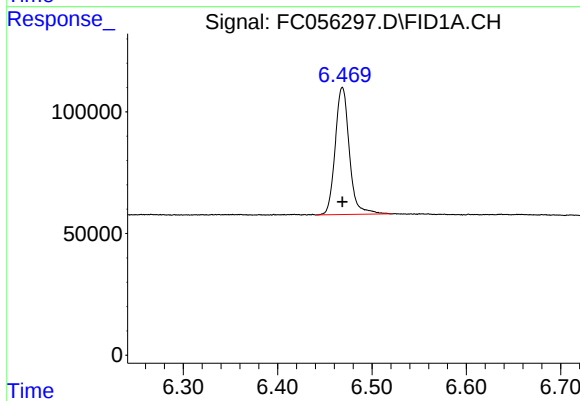
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 520155
Conc: 4.79 ug/ml



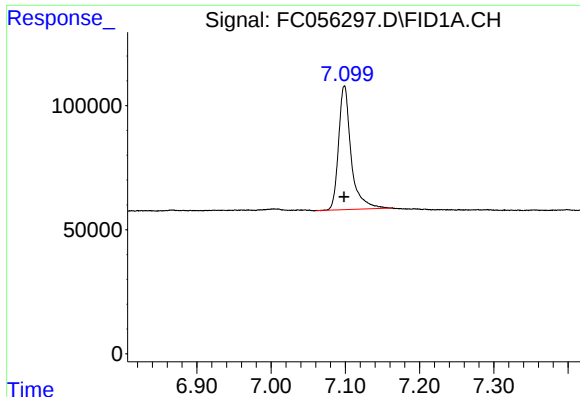
#3 A~Naphthalene (C11.7)

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 590218
Conc: 4.80 ug/ml



#4 n-Dodecane (C12)

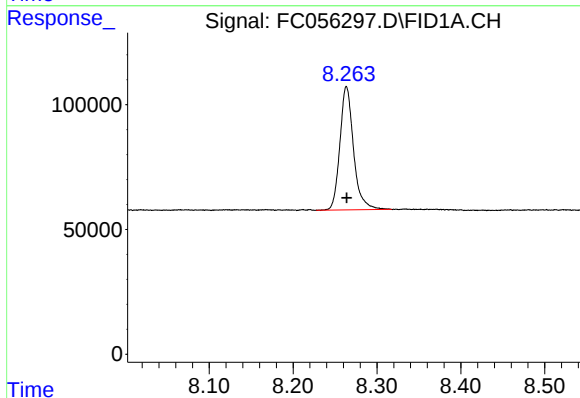
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 545047
Conc: 4.93 ug/ml



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

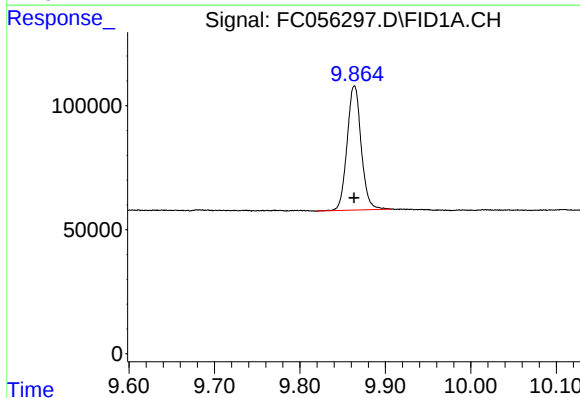
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 584878
Conc: 4.72 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



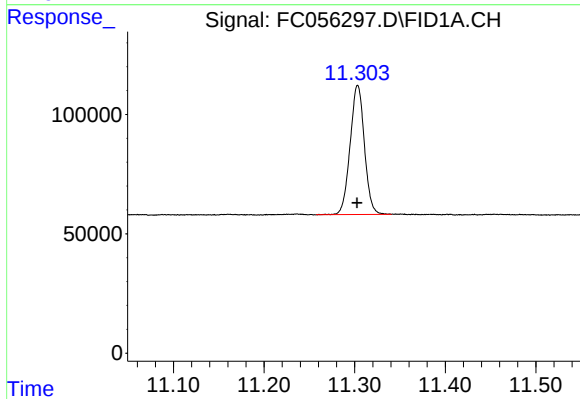
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 560004
Conc: 4.99 ug/ml



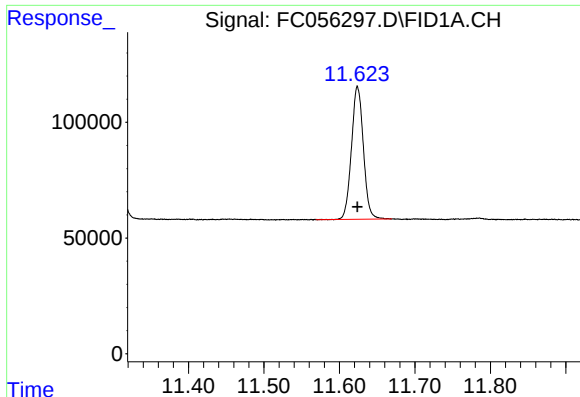
#7 n-Hexadecane (C16)

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 574146
Conc: 5.06 ug/ml



#8 n-Octadecane (C18)

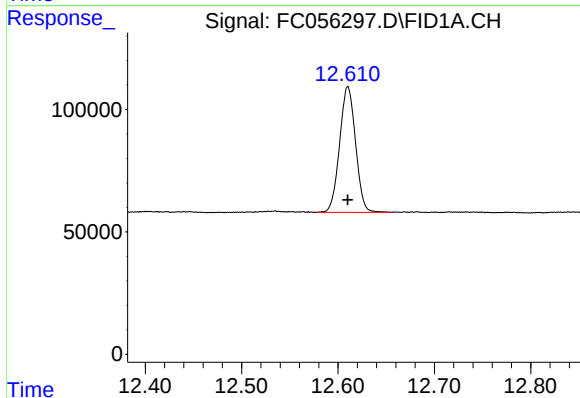
R.T.: 11.303 min
Delta R.T.: 0.000 min
Response: 592108
Conc: 5.08 ug/ml



#9 ortho-Terphenyl (SURR)

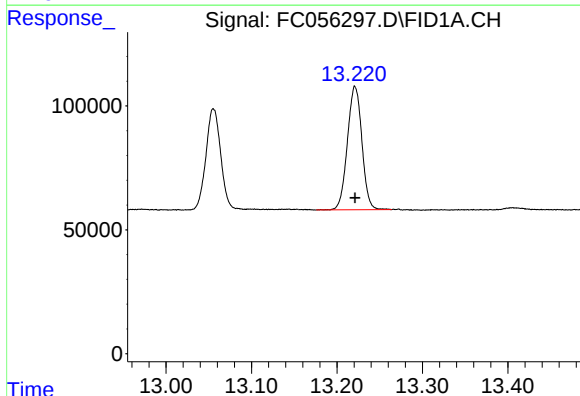
R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 628350
Conc: 5.09 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



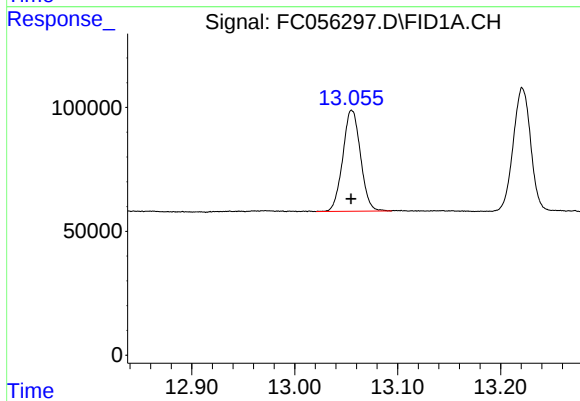
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: 0.000 min
Response: 588480
Conc: 5.15 ug/ml



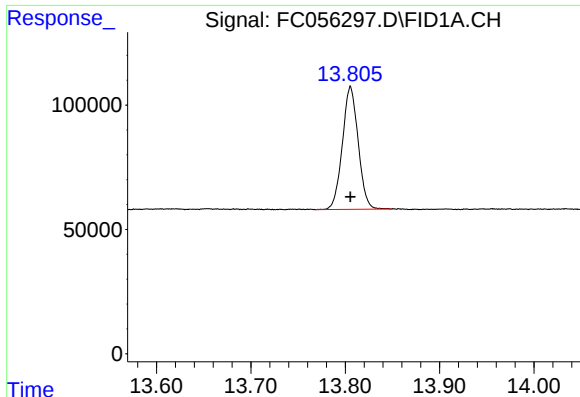
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 588718
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

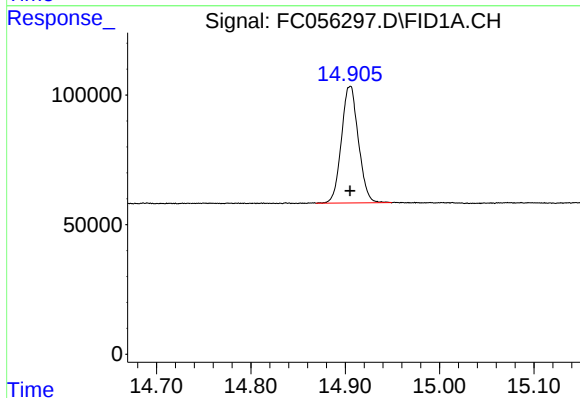
R.T.: 13.056 min
Delta R.T.: 0.000 min
Response: 487049
Conc: 5.08 ug/ml



#13 n-Docosane (C22)

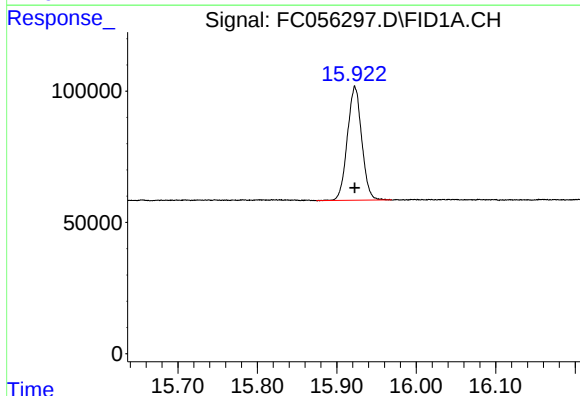
R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 573338
Conc: 5.12 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



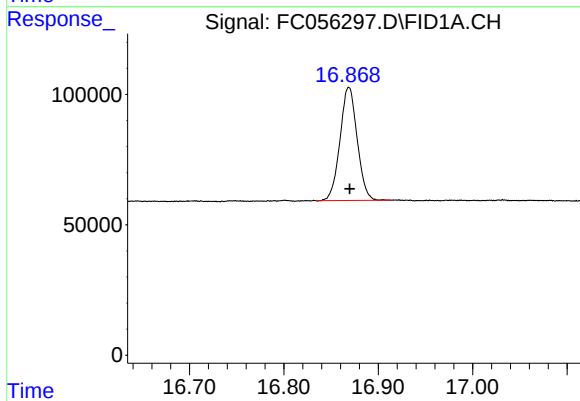
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: 0.000 min
Response: 561958
Conc: 5.12 ug/ml



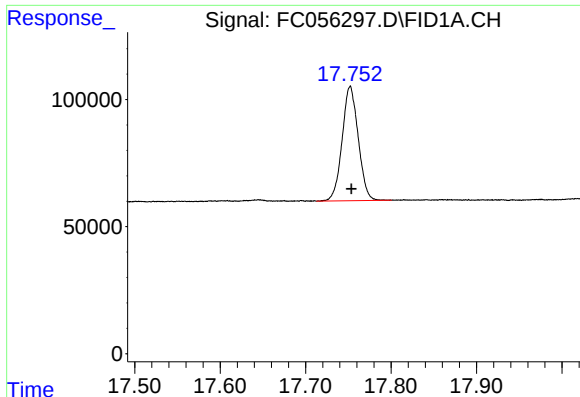
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: 0.000 min
Response: 543070
Conc: 5.18 ug/ml



#16 n-Octacosane (C28)

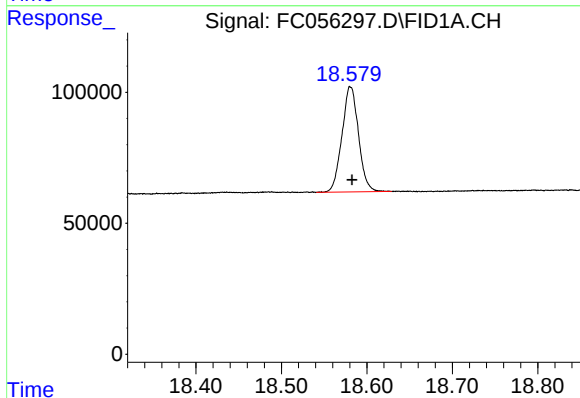
R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 548465
Conc: 5.36 ug/ml



#17 n-Tricontane (C30)

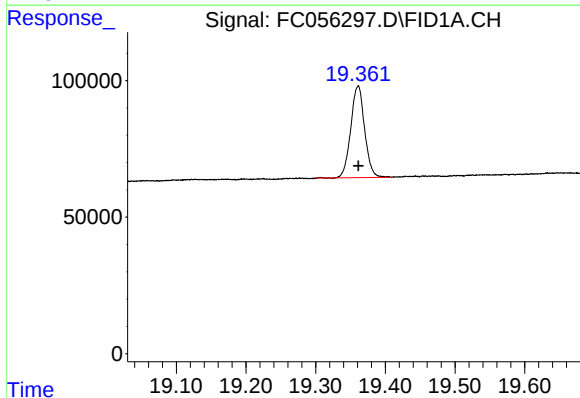
R.T.: 17.752 min
Delta R.T.: -0.001 min
Response: 587088
Conc: 5.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



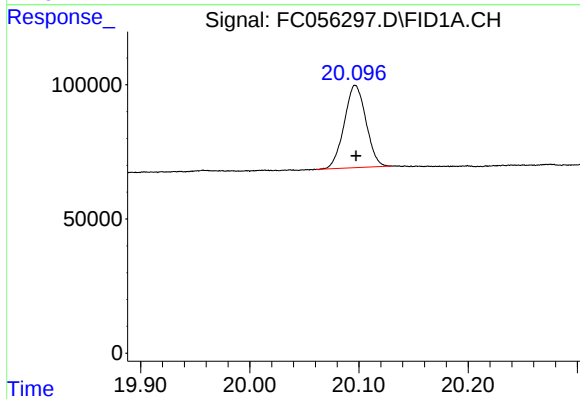
#18 n-Dotriacontane (C32)

R.T.: 18.581 min
Delta R.T.: -0.002 min
Response: 540868
Conc: 5.83 ug/ml



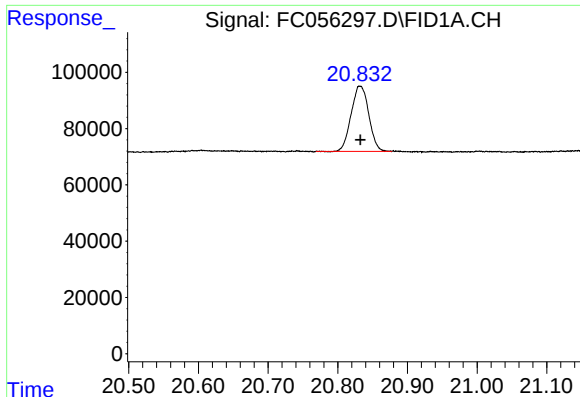
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: 0.000 min
Response: 463135
Conc: 5.36 ug/ml



#20 n-Hexatriacontane (C36)

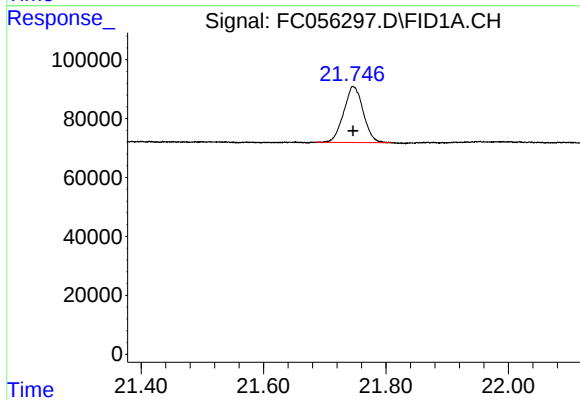
R.T.: 20.097 min
Delta R.T.: 0.000 min
Response: 425762
Conc: 5.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 407973
Conc: 5.13 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: 0.000 min
Response: 419898
Conc: 5.12 ug/ml