

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056919.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2021 23:33
 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: Nov 19 00:47:26 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)	11.596	599964	5.200 ug/ml
Spiked Amount 50.000		Recovery =	10.40%
12) S 1-chlorooctadecane (S...	13.030	470040	5.192 ug/ml
Spiked Amount 50.000		Recovery =	10.38%
Target Compounds			
1) T n-Nonane (C9)	3.361	509757	5.036 ug/ml
2) T n-Decane (C10)	4.428	483813	4.808 ug/ml
3) T A~Naphthalene (C11.7)	6.018	536418	4.787 ug/ml
4) T n-Dodecane (C12)	6.444	506629	5.012 ug/ml
5) T A~2-methylnaphthalene...	7.074	508597	4.497 ug/ml
6) T n-Tetradecane (C14)	8.239	501659	4.957 ug/ml
7) T n-Hexadecane (C16)	9.838	511101	4.966 ug/ml
8) T n-Octadecane (C18)	11.278	551362	5.180 ug/ml
10) T n-Eicosane (C20)	12.584	555639	5.228 ug/ml
11) T n-Heneicosane (C21)	13.195	564494	5.249 ug/ml
13) T n-Docosane (C22)	13.780	552751	5.190 ug/ml
14) T n-Tetracosane (C24)	14.881	564457	5.247 ug/ml
15) T n-Hexacosane (C26)	15.898	555427	5.252 ug/ml
16) T n-Octacosane (C28)	16.842	563578	5.317 ug/ml
17) T n-Tricontane (C30)	17.727	571041	5.436 ug/ml
18) T n-Dotriacontane (C32)	18.555	582466	5.613 ug/ml
19) T n-Tetratriacontane (C34)	19.334	573476	5.596 ug/ml
20) T n-Hexatriacontane (C36)	20.070	556437	5.494 ug/ml
21) T n-Octatriacontane (C38)	20.803	496761	5.466 ug/ml
22) T n-Tetracontane (C40)	21.710	473544	5.278 ug/ml

(f)=RT Delta > 1/2 Window

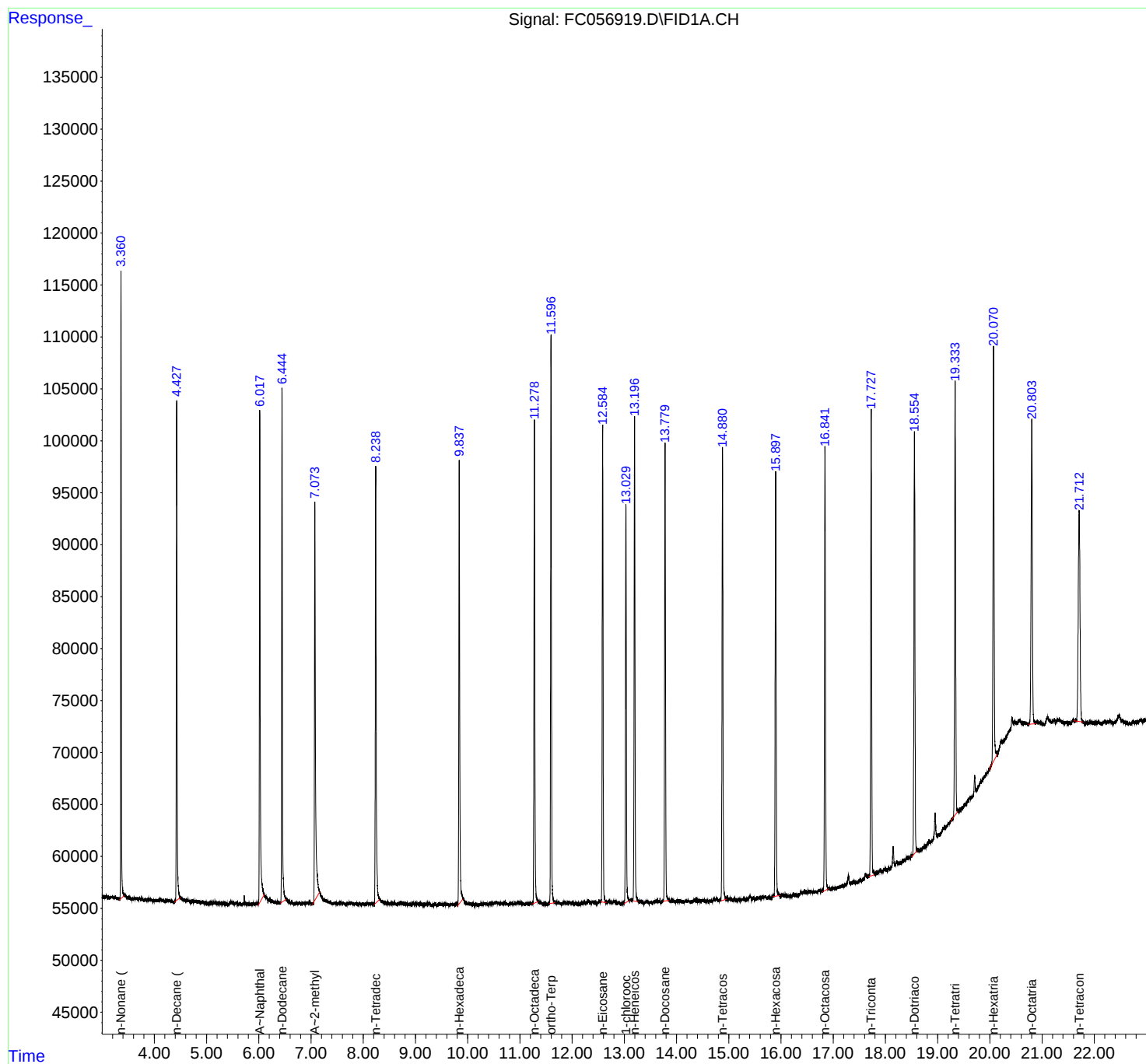
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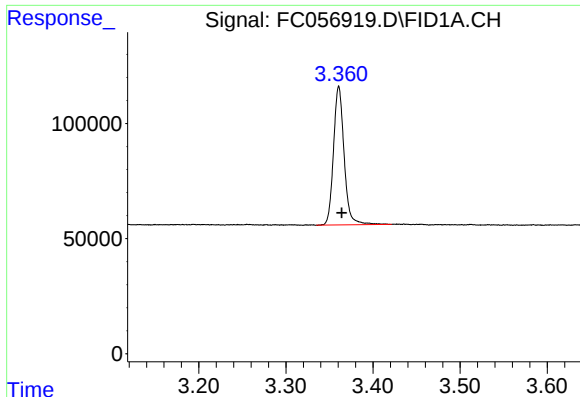
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
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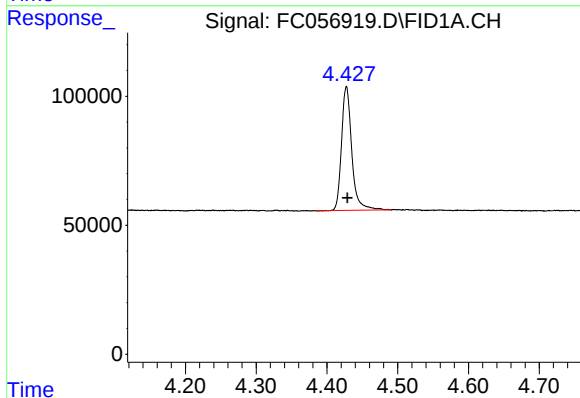




#1 n-Nonane (C9)

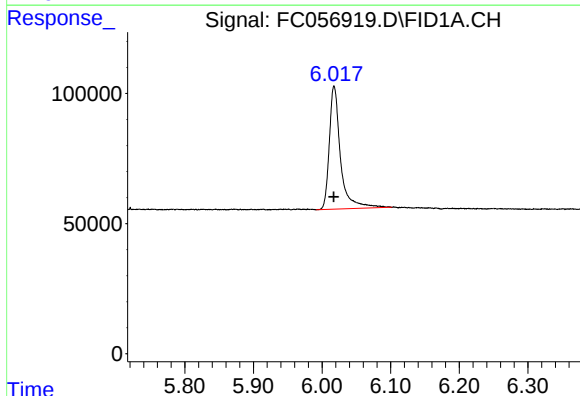
R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 509757
Conc: 5.04 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



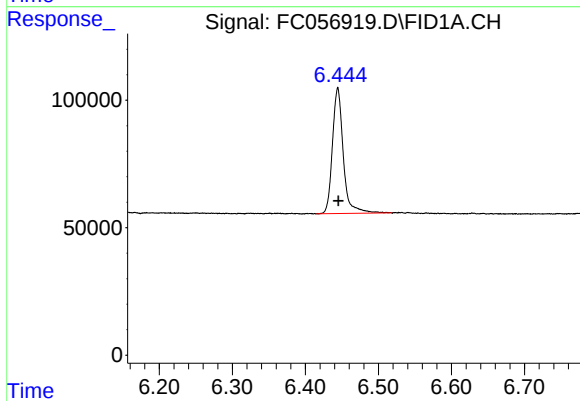
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: -0.001 min
Response: 483813
Conc: 4.81 ug/ml



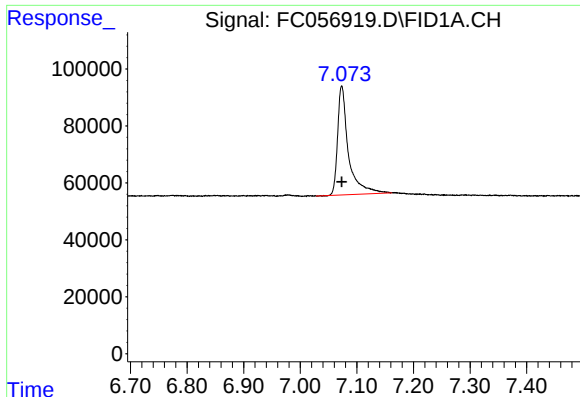
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 536418
Conc: 4.79 ug/ml



#4 n-Dodecane (C12)

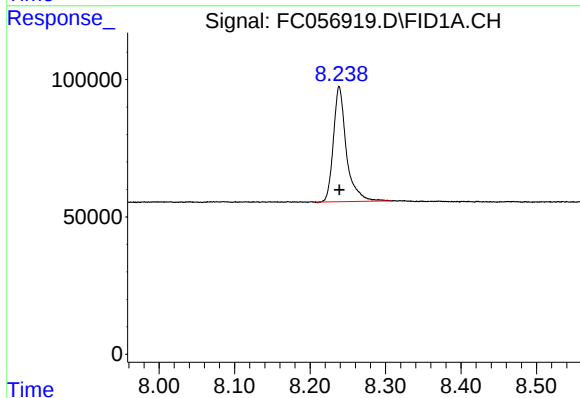
R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 506629
Conc: 5.01 ug/ml



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

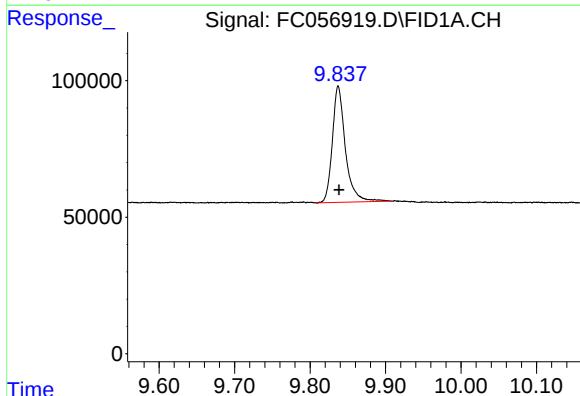
R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 508597
Conc: 4.50 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



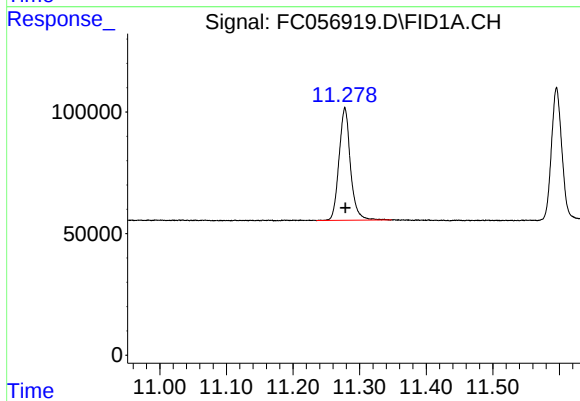
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 501659
Conc: 4.96 ug/ml



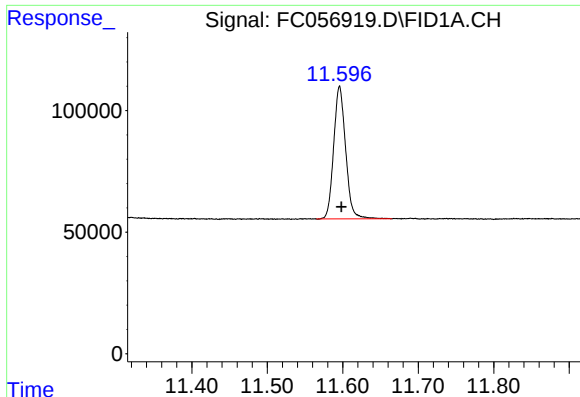
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 511101
Conc: 4.97 ug/ml



#8 n-Octadecane (C18)

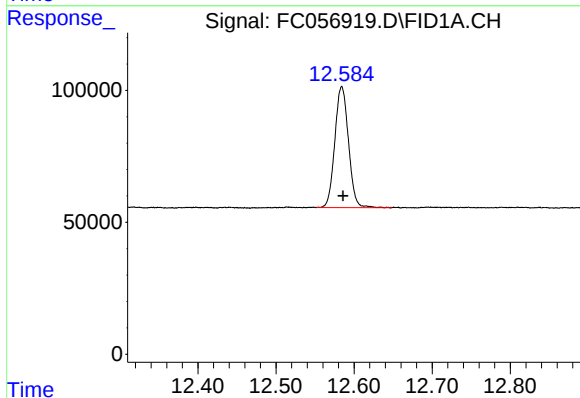
R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 551362
Conc: 5.18 ug/ml



#9 ortho-Terphenyl (SURR)

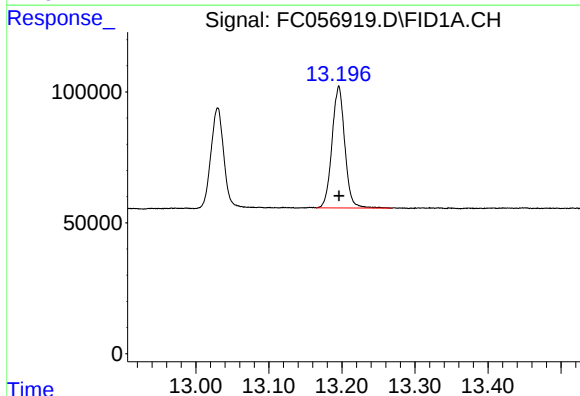
R.T.: 11.596 min
Delta R.T.: -0.003 min
Response: 599964
Conc: 5.20 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



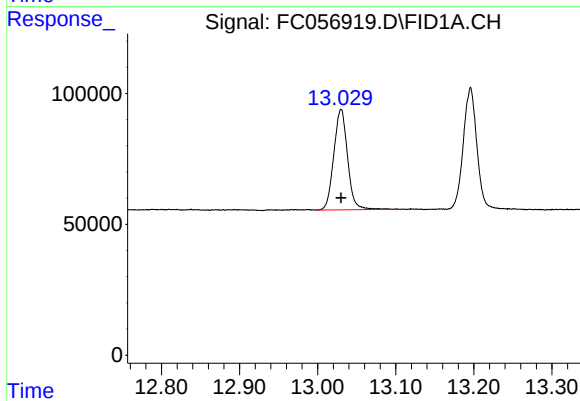
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: -0.002 min
Response: 555639
Conc: 5.23 ug/ml



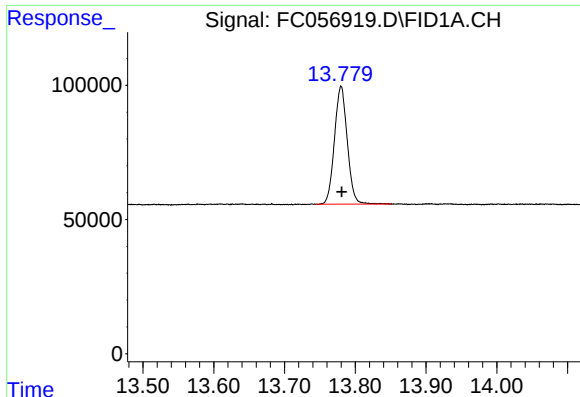
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 564494
Conc: 5.25 ug/ml



#12 1-chlorooctadecane (SURR)

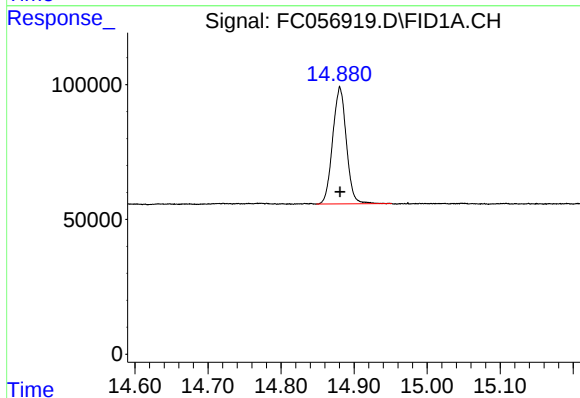
R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 470040
Conc: 5.19 ug/ml



#13 n-Docosane (C22)

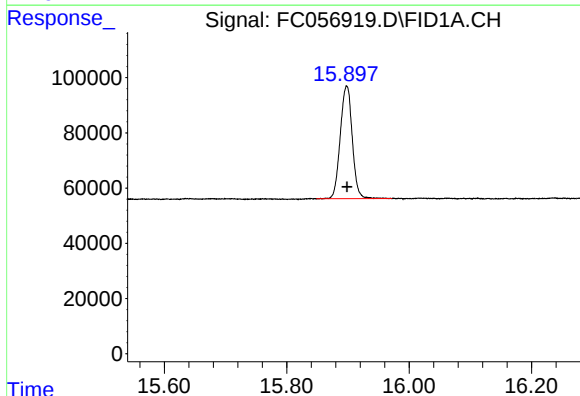
R.T.: 13.780 min
Delta R.T.: -0.001 min
Response: 552751
Conc: 5.19 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



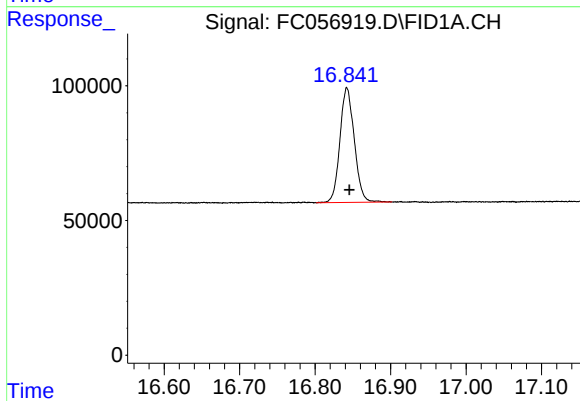
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.000 min
Response: 564457
Conc: 5.25 ug/ml



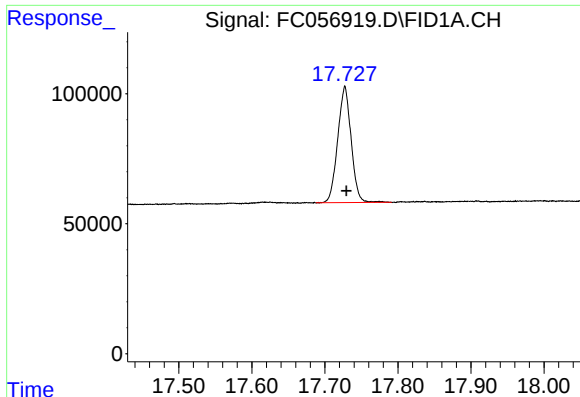
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 555427
Conc: 5.25 ug/ml



#16 n-Octacosane (C28)

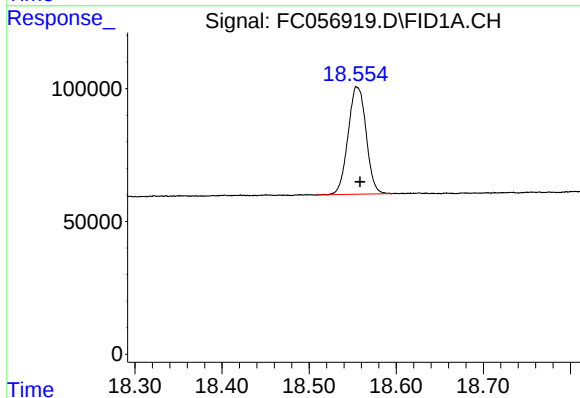
R.T.: 16.842 min
Delta R.T.: -0.004 min
Response: 563578
Conc: 5.32 ug/ml



#17 n-Tricontane (C30)

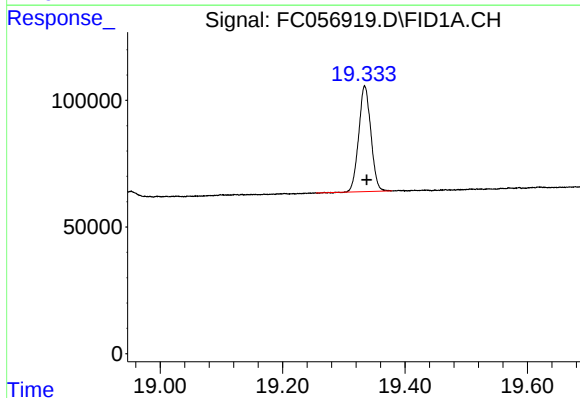
R.T.: 17.727 min
Delta R.T.: -0.002 min
Response: 571041
Conc: 5.44 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



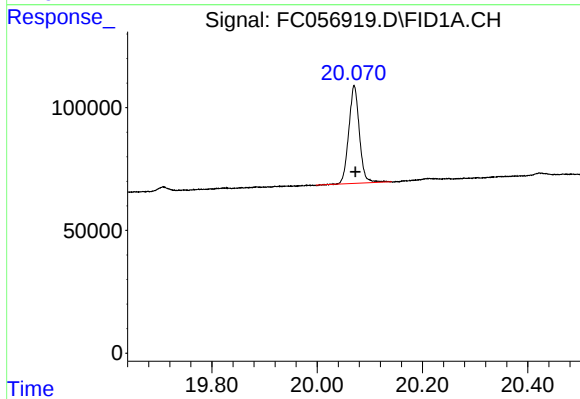
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.003 min
Response: 582466
Conc: 5.61 ug/ml



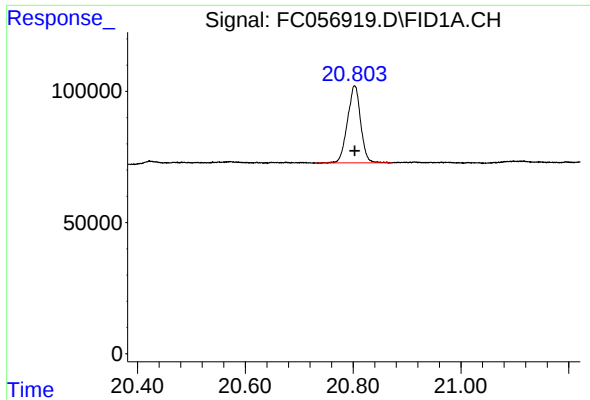
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: -0.003 min
Response: 573476
Conc: 5.60 ug/ml



#20 n-Hexatriacontane (C36)

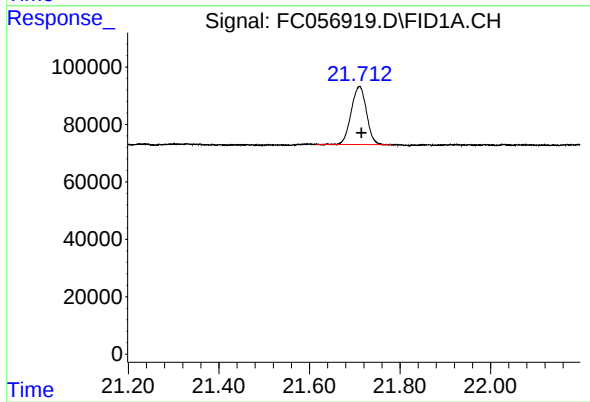
R.T.: 20.070 min
Delta R.T.: -0.002 min
Response: 556437
Conc: 5.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.000 min
Response: 496761
Conc: 5.47 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.004 min
Response: 473544
Conc: 5.28 ug/ml