

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100620AL\
 Data File : FC049949.D
 Signal(s) : FID1A.CH
 Acq On : 07 Oct 2020 2:57
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 07 04:48:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:46:43 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)	11.645	551160	4.947 ug/ml
Spiked Amount 50.000		Recovery =	9.89%
12) S 1-chlorooctadecane (S...	13.078	417113	4.831 ug/ml
Spiked Amount 50.000		Recovery =	9.66%
Target Compounds			
1) T n-Nonane (C9)	3.387	480169	4.903 ug/ml
2) T n-Decane (C10)	4.460	479430	4.858 ug/ml
3) T A~Naphthalene (C11.7)	6.056	521520	4.758 ug/ml
4) T n-Dodecane (C12)	6.482	486673	4.853 ug/ml
5) T A~2-methylnaphthalene...	7.114	516396	4.635 ug/ml
6) T n-Tetradecane (C14)	8.279	478523	4.798 ug/ml
7) T n-Hexadecane (C16)	9.882	474776	4.847 ug/ml
8) T n-Octadecane (C18)	11.323	500639	4.866 ug/ml
10) T n-Eicosane (C20)	12.633	508557	4.914 ug/ml
11) T n-Heneicosane (C21)	13.245	506927	4.901 ug/ml
13) T n-Docosane (C22)	13.832	506706	4.894 ug/ml
14) T n-Tetracosane (C24)	14.934	505482	4.868 ug/ml
15) T n-Hexacosane (C26)	15.954	501738	4.873 ug/ml
16) T n-Octacosane (C28)	16.903	507709	4.902 ug/ml
17) T n-Tricontane (C30)	17.791	501178	4.882 ug/ml
18) T n-Dotriacontane (C32)	18.621	470688	4.813 ug/ml
19) T n-Tetratriacontane (C34)	19.403	440336	4.719 ug/ml
20) T n-Hexatriacontane (C36)	20.142	433282	4.721 ug/ml
21) T n-Octatriacontane (C38)	20.891	400816	4.794 ug/ml
22) T n-Tetracontane (C40)	21.829	387786	4.316 ug/ml

(f)=RT Delta > 1/2 Window

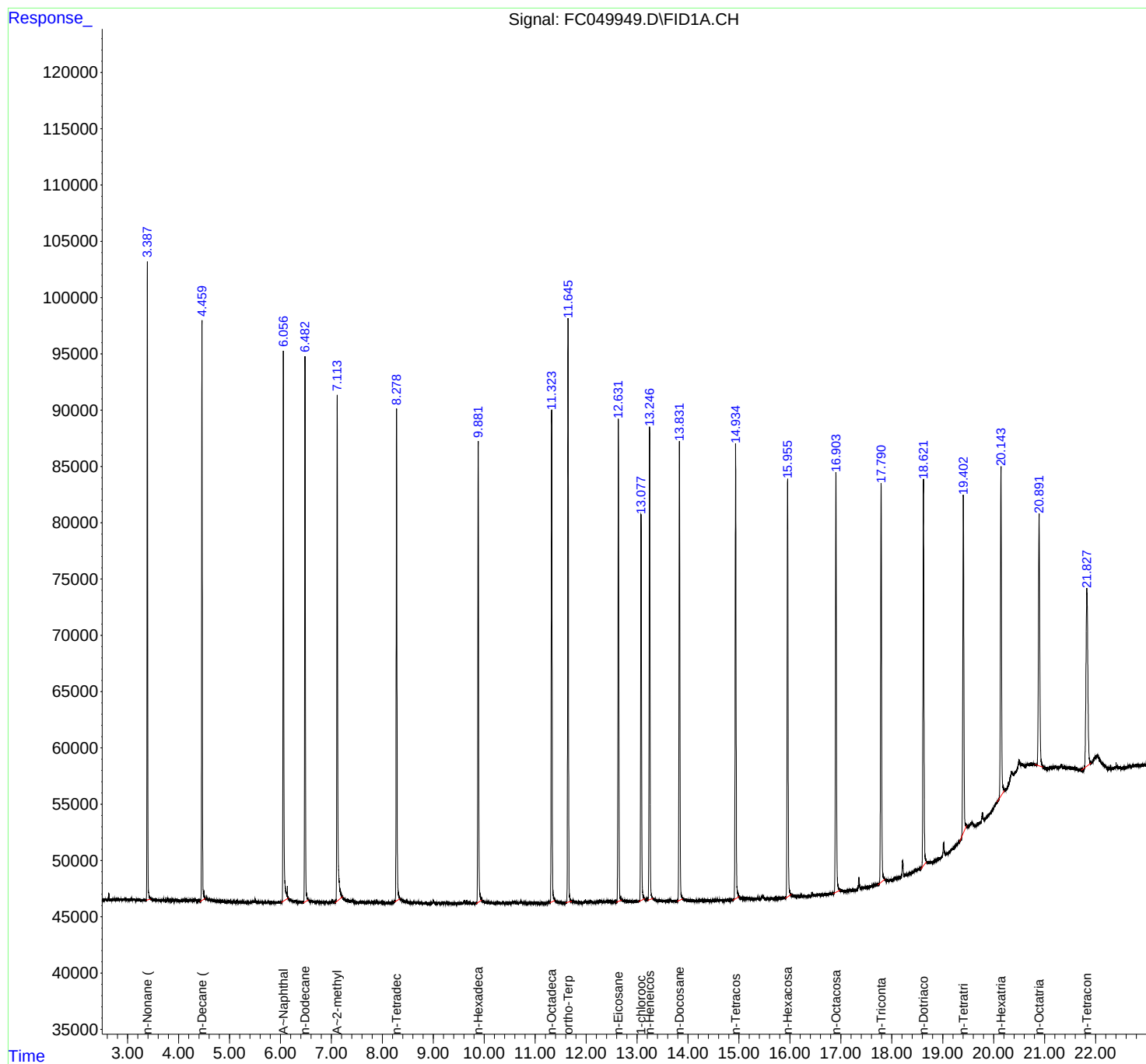
(m)=manual int.

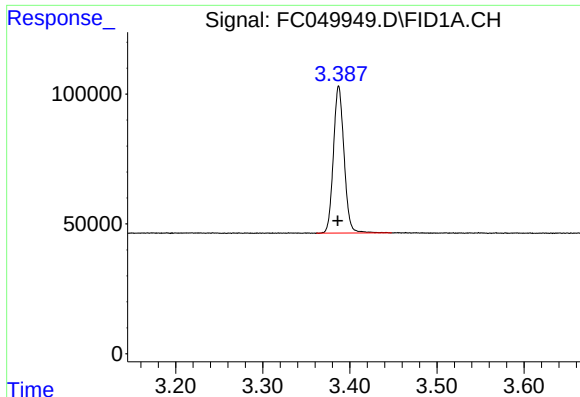
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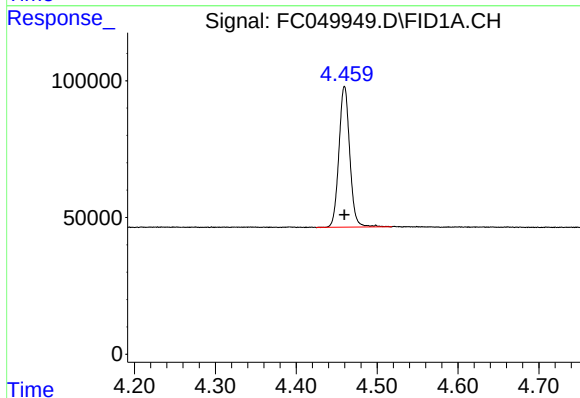




#1 n-Nonane (C9)

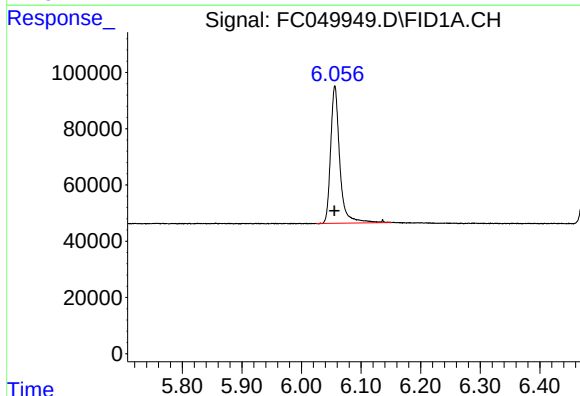
R.T.: 3.387 min
Delta R.T.: 0.001 min
Response: 480169
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



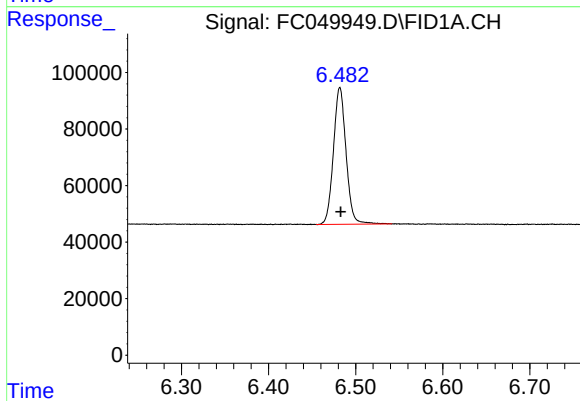
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 479430
Conc: 4.86 ug/ml



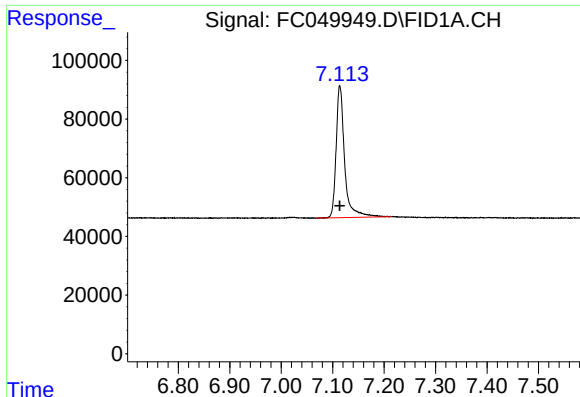
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 521520
Conc: 4.76 ug/ml



#4 n-Dodecane (C12)

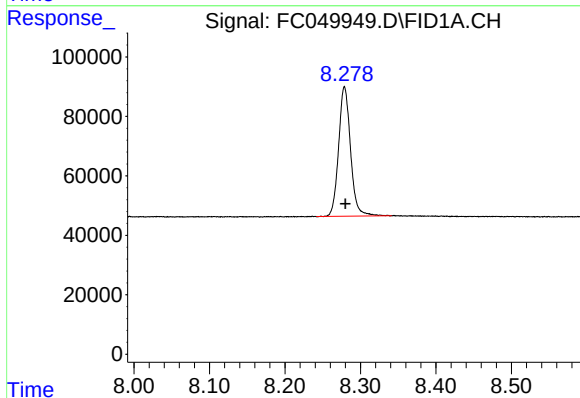
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 486673
Conc: 4.85 ug/ml



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

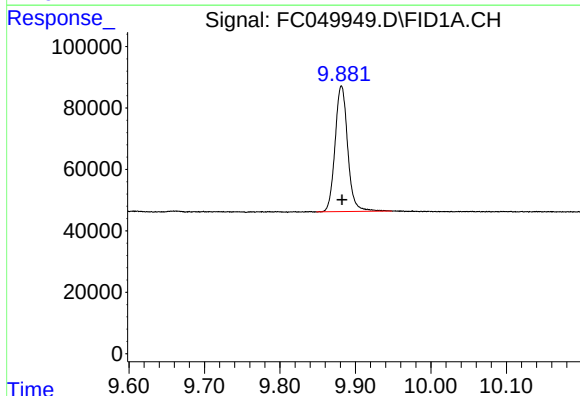
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 516396
Conc: 4.64 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



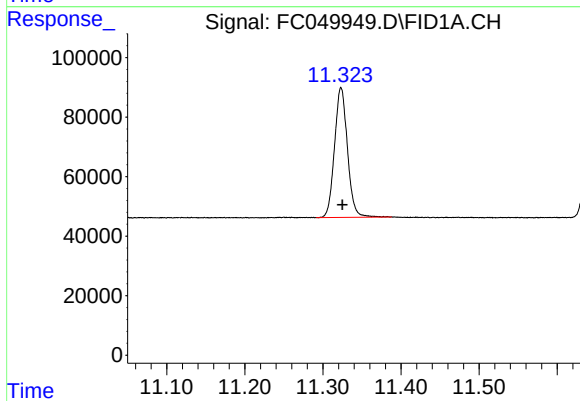
#6 n-Tetradecane (C14)

R.T.: 8.279 min
Delta R.T.: -0.001 min
Response: 478523
Conc: 4.80 ug/ml



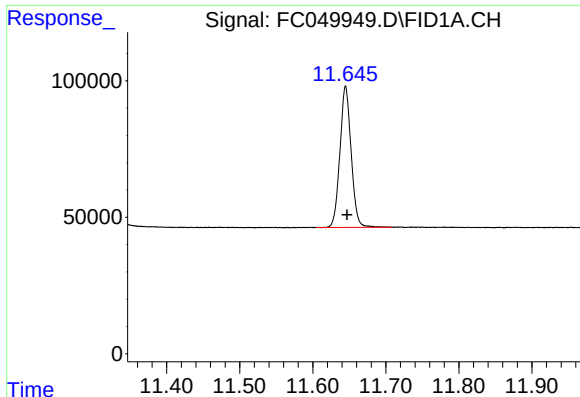
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: 0.000 min
Response: 474776
Conc: 4.85 ug/ml



#8 n-Octadecane (C18)

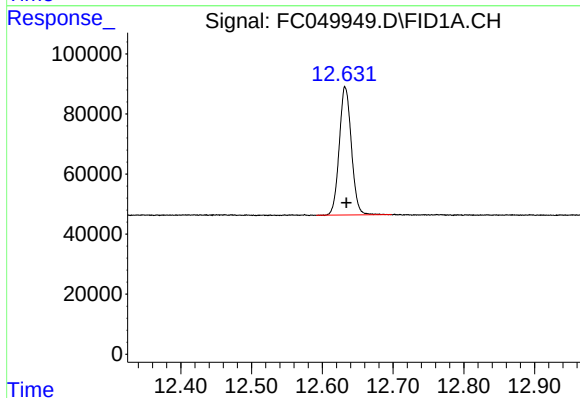
R.T.: 11.323 min
Delta R.T.: -0.002 min
Response: 500639
Conc: 4.87 ug/ml



#9 ortho-Terphenyl (SURR)

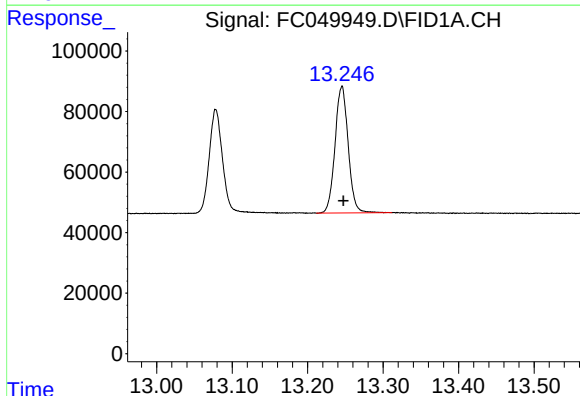
R.T.: 11.645 min
Delta R.T.: -0.002 min
Response: 551160
Conc: 4.95 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



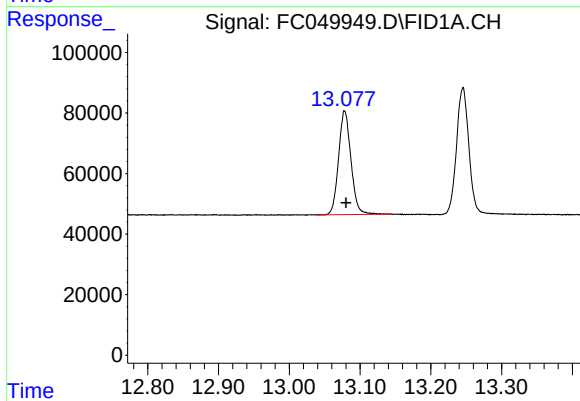
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.002 min
Response: 508557
Conc: 4.91 ug/ml



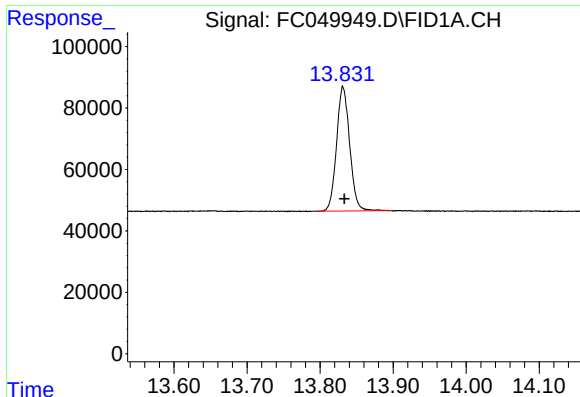
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: -0.002 min
Response: 506927
Conc: 4.90 ug/ml



#12 1-chlorooctadecane (SURR)

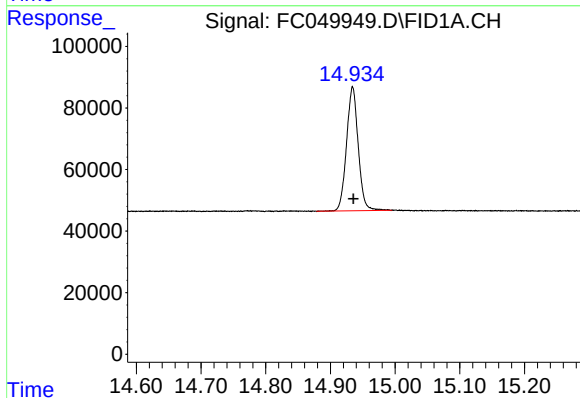
R.T.: 13.078 min
Delta R.T.: -0.002 min
Response: 417113
Conc: 4.83 ug/ml



#13 n-Docosane (C22)

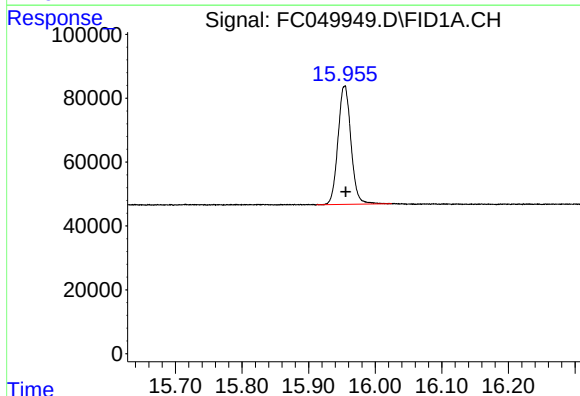
R.T.: 13.832 min
Delta R.T.: -0.002 min
Response: 506706
Conc: 4.89 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



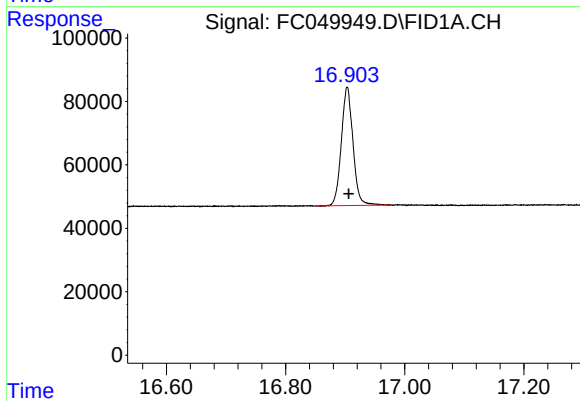
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.001 min
Response: 505482
Conc: 4.87 ug/ml



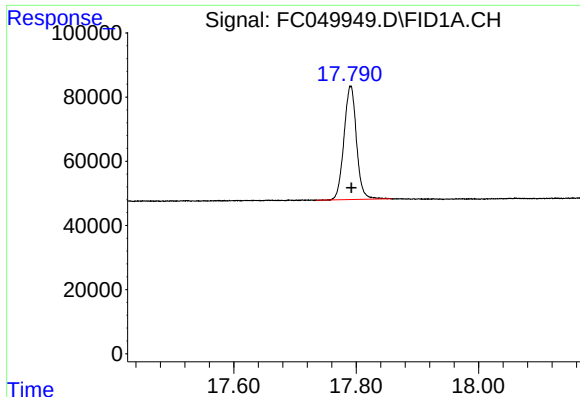
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.002 min
Response: 501738
Conc: 4.87 ug/ml



#16 n-Octacosane (C28)

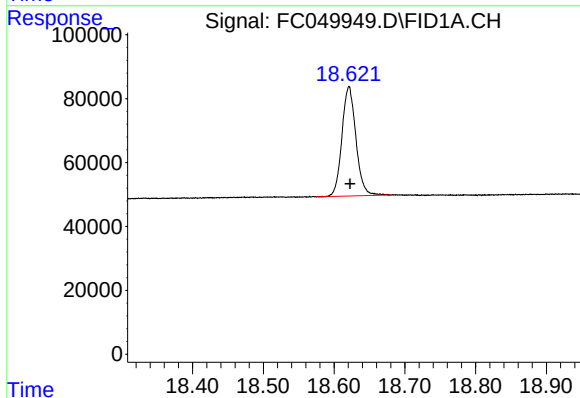
R.T.: 16.903 min
Delta R.T.: -0.003 min
Response: 507709
Conc: 4.90 ug/ml



#17 n-Tricontane (C30)

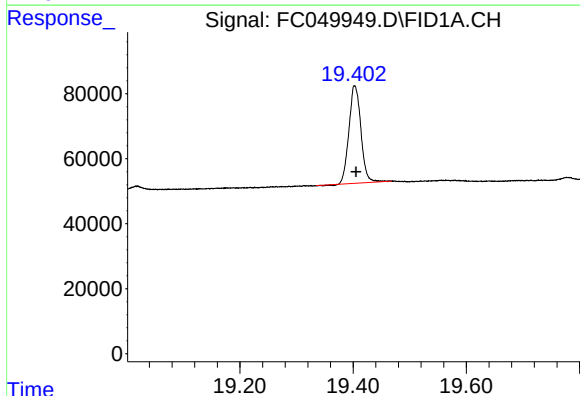
R.T.: 17.791 min
Delta R.T.: -0.001 min
Response: 501178
Conc: 4.88 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



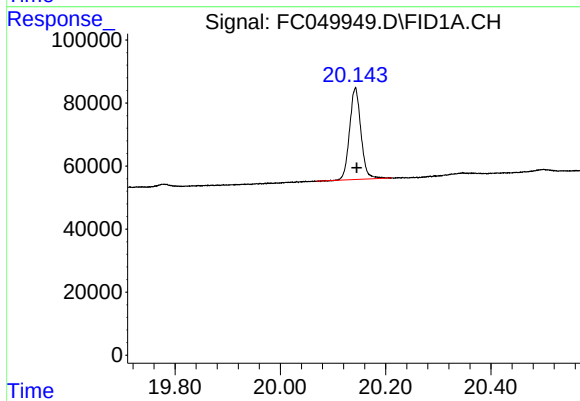
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.002 min
Response: 470688
Conc: 4.81 ug/ml



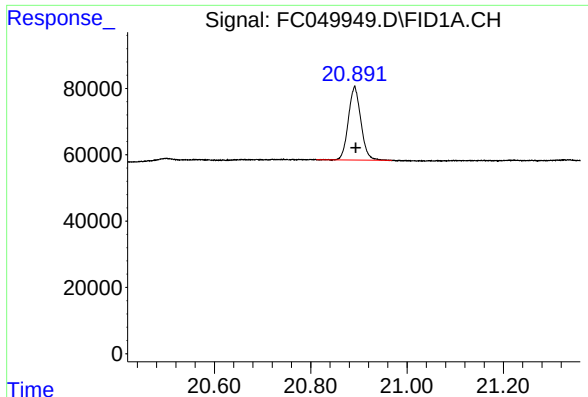
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: -0.002 min
Response: 440336
Conc: 4.72 ug/ml



#20 n-Hexatriacontane (C36)

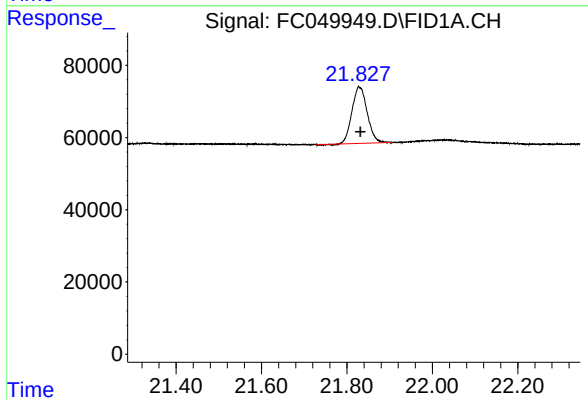
R.T.: 20.142 min
Delta R.T.: -0.002 min
Response: 433282
Conc: 4.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: -0.002 min
Response: 400816
Conc: 4.79 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.829 min
Delta R.T.: -0.002 min
Response: 387786
Conc: 4.32 ug/ml