

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022120AL\
 Data File : FC045904.D
 Signal(s) : FID1A.CH
 Acq On : 21 Feb 2020 22:54
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 22 03:11:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:10:09 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)	11.763	5804442	48.624 ug/ml
Spiked Amount 50.000		Recovery =	97.25%
12) S 1-chlorooctadecane (S...	13.182	4566752	48.649 ug/ml
Spiked Amount 50.000		Recovery =	97.30%
Target Compounds			
1) T n-Nonane (C9)	3.531	5179839	48.932 ug/ml
2) T n-Decane (C10)	4.602	5198010	49.034 ug/ml
3) T A~Naphthalene (C11.7)	6.201	5781496	49.396 ug/ml
4) T n-Dodecane (C12)	6.615	5252975	48.899 ug/ml
5) T A~2-methylnaphthalene...	7.254	5871901	49.821 ug/ml
6) T n-Tetradecane (C14)	8.401	5270206	48.984 ug/ml
7) T n-Hexadecane (C16)	9.995	5304831	48.813 ug/ml
8) T n-Octadecane (C18)	11.431	5345309	48.568 ug/ml
10) T n-Eicosane (C20)	12.735	5366973	48.565 ug/ml
11) T n-Heneicosane (C21)	13.345	5410445	48.502 ug/ml
13) T n-Docosane (C22)	13.929	5396301	48.538 ug/ml
14) T n-Tetracosane (C24)	15.028	5429516	48.455 ug/ml
15) T n-Hexacosane (C26)	16.044	5378042	48.298 ug/ml
16) T n-Octacosane (C28)	16.989	5283706	48.198 ug/ml
17) T n-Tricontane (C30)	17.873	5053683	47.903 ug/ml
18) T n-Dotriacontane (C32)	18.702	4261269	47.303 ug/ml
19) T n-Tetratriacontane (C34)	19.481	3646227	47.959 ug/ml
20) T n-Hexatriacontane (C36)	20.216	3313237	46.551 ug/ml
21) T n-Octatriacontane (C38)	20.982	3053580	48.152 ug/ml
22) T n-Tetracontane (C40)	21.943	3077244	47.161 ug/ml

(f)=RT Delta > 1/2 Window

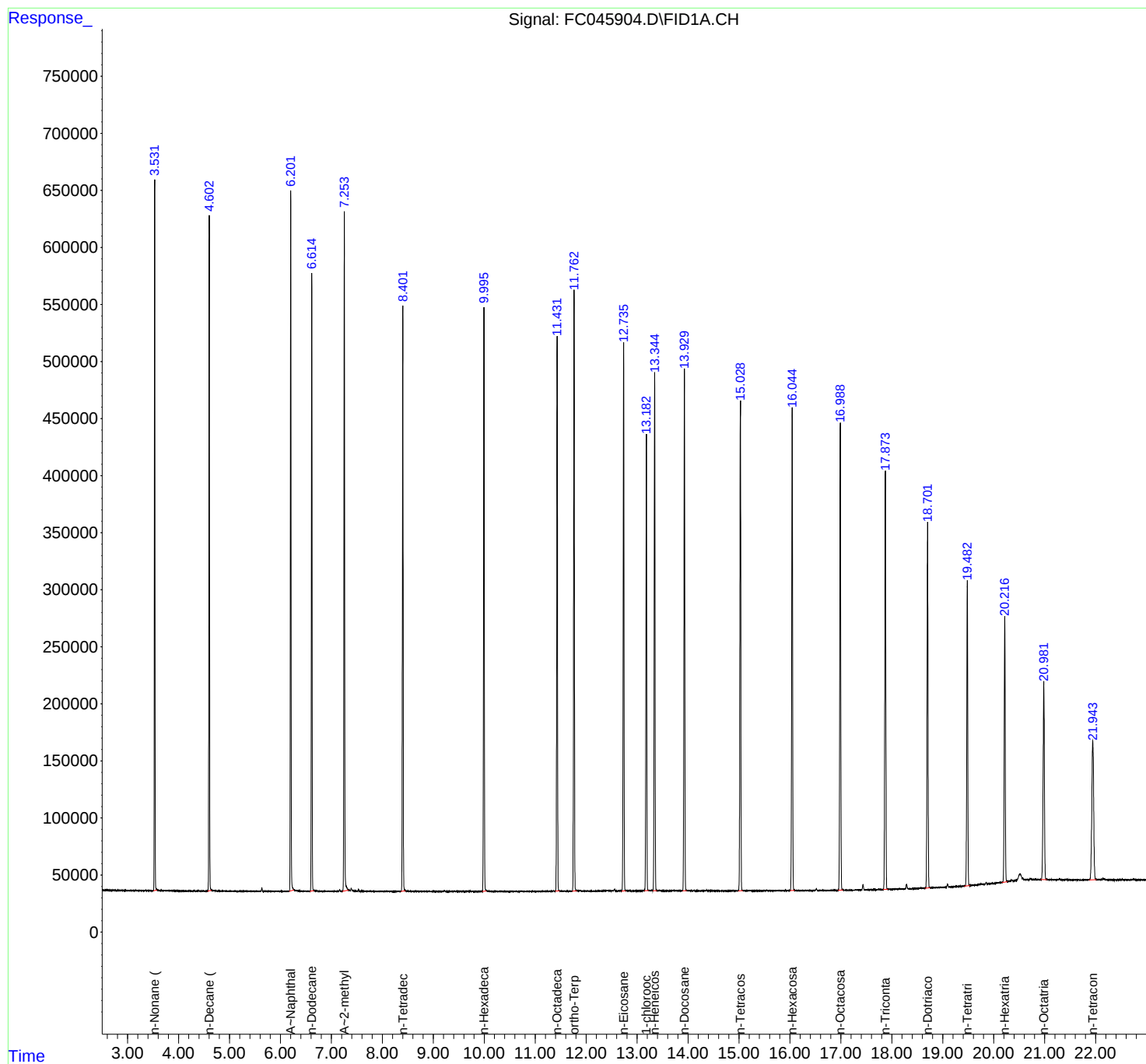
(m)=manual int.

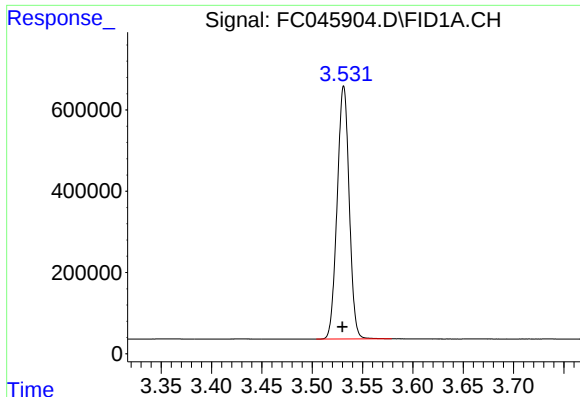
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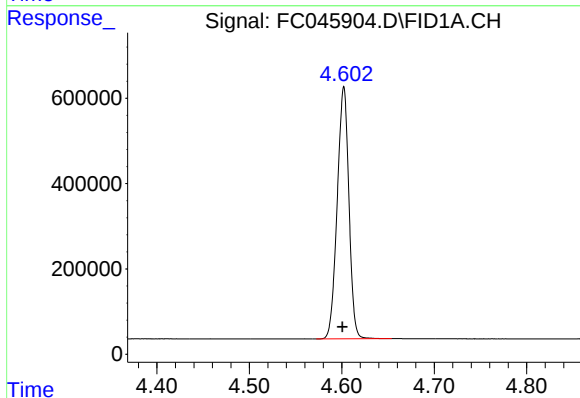




#1 n-Nonane (C9)

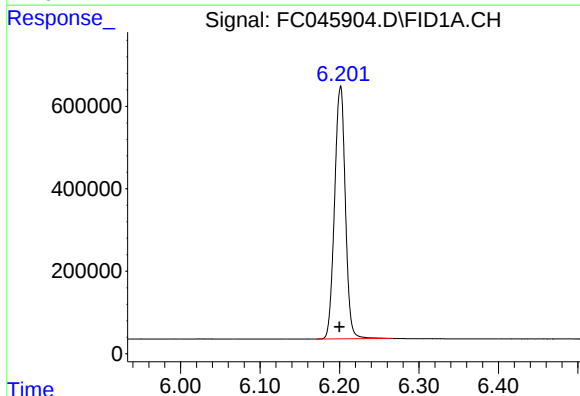
R.T.: 3.531 min
Delta R.T.: 0.001 min
Response: 5179839
Conc: 48.93 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



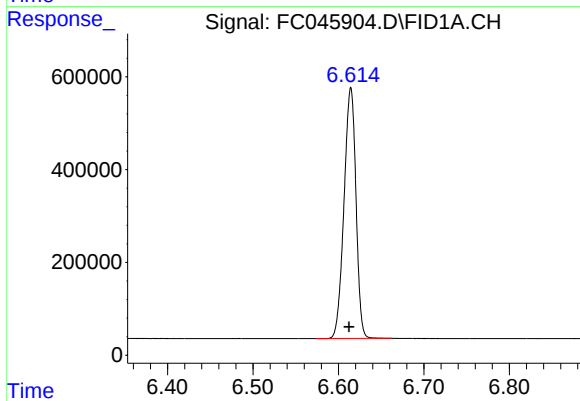
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 5198010
Conc: 49.03 ug/ml



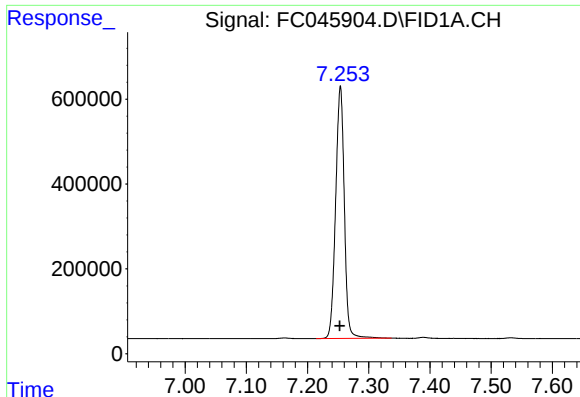
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.001 min
Response: 5781496
Conc: 49.40 ug/ml



#4 n-Dodecane (C12)

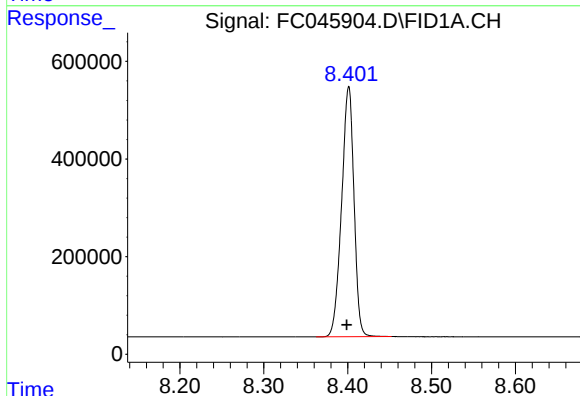
R.T.: 6.615 min
Delta R.T.: 0.002 min
Response: 5252975
Conc: 48.90 ug/ml



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

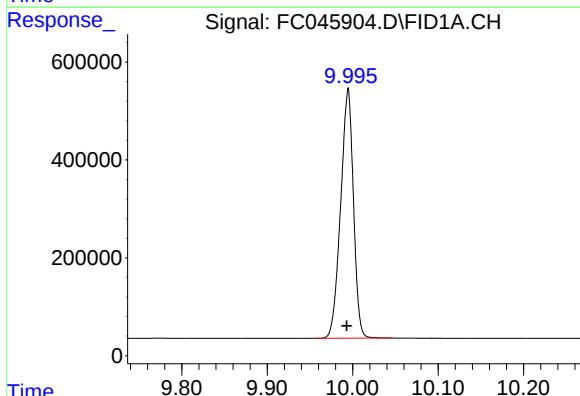
R.T.: 7.254 min
Delta R.T.: 0.001 min
Response: 5871901
Conc: 49.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



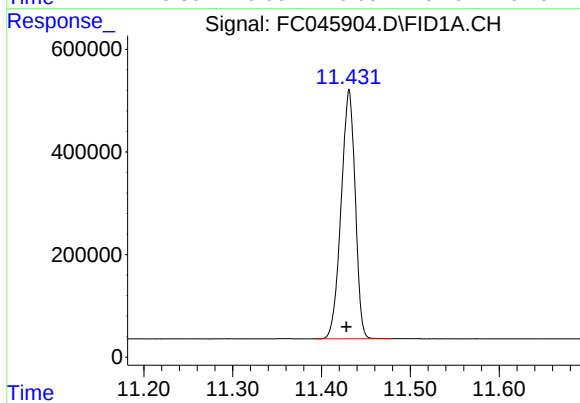
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.002 min
Response: 5270206
Conc: 48.98 ug/ml



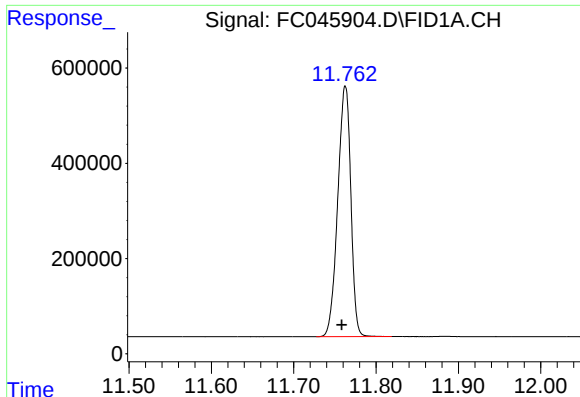
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.002 min
Response: 5304831
Conc: 48.81 ug/ml



#8 n-Octadecane (C18)

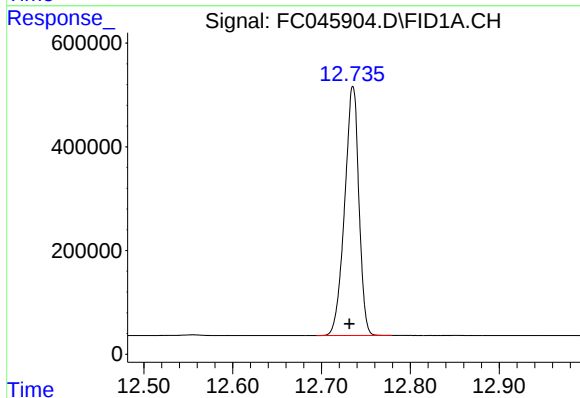
R.T.: 11.431 min
Delta R.T.: 0.003 min
Response: 5345309
Conc: 48.57 ug/ml



#9 ortho-Terphenyl (SURR)

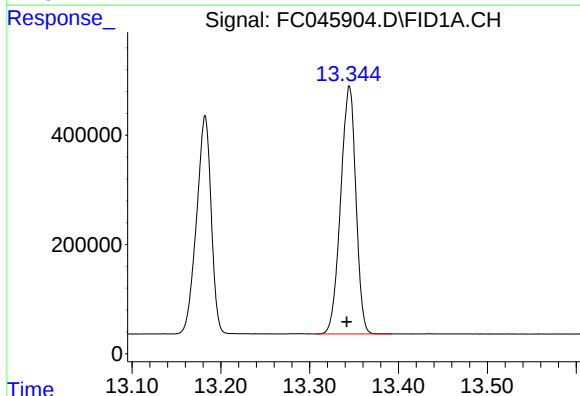
R.T.: 11.763 min
Delta R.T.: 0.004 min
Response: 5804442
Conc: 48.62 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



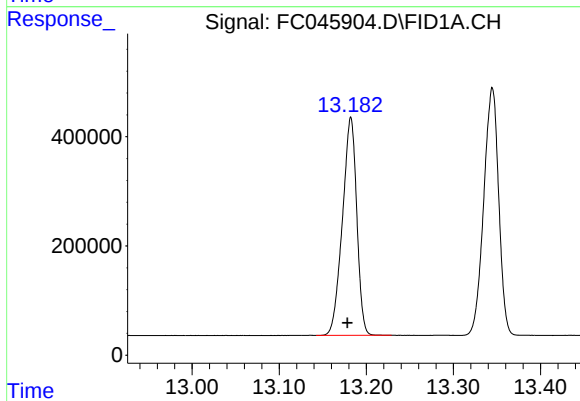
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: 0.004 min
Response: 5366973
Conc: 48.56 ug/ml



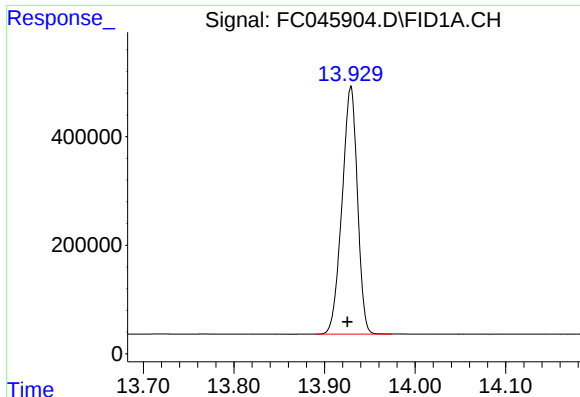
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: 0.003 min
Response: 5410445
Conc: 48.50 ug/ml



#12 1-chlorooctadecane (SURR)

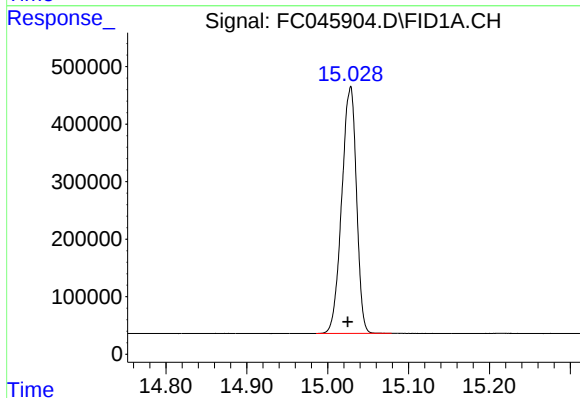
R.T.: 13.182 min
Delta R.T.: 0.004 min
Response: 4566752
Conc: 48.65 ug/ml



#13 n-Docosane (C22)

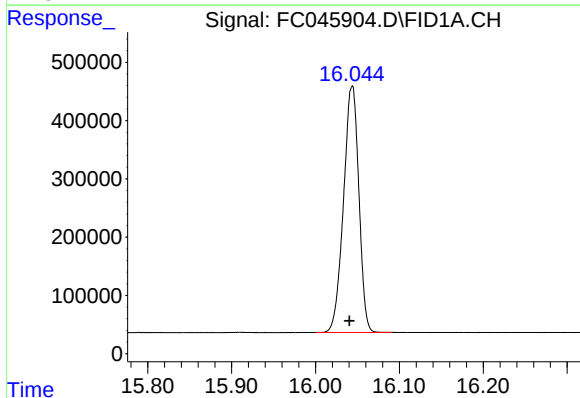
R.T.: 13.929 min
Delta R.T.: 0.004 min
Response: 5396301
Conc: 48.54 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



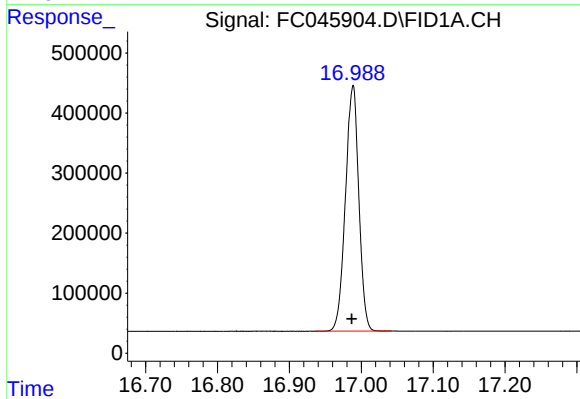
#14 n-Tetracosane (C24)

R.T.: 15.028 min
Delta R.T.: 0.004 min
Response: 5429516
Conc: 48.45 ug/ml



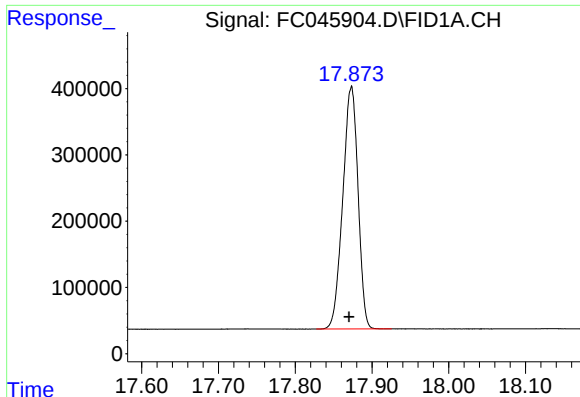
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: 0.003 min
Response: 5378042
Conc: 48.30 ug/ml



#16 n-Octacosane (C28)

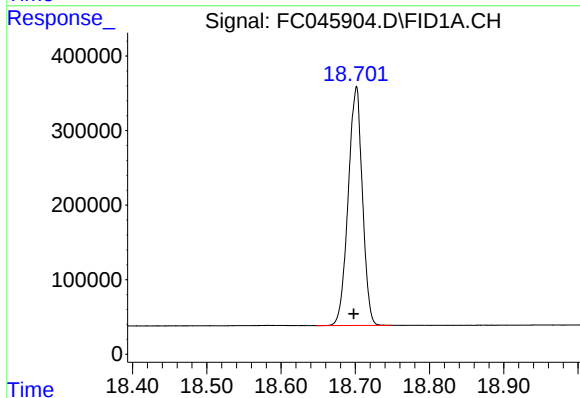
R.T.: 16.989 min
Delta R.T.: 0.002 min
Response: 5283706
Conc: 48.20 ug/ml



#17 n-Tricontane (C30)

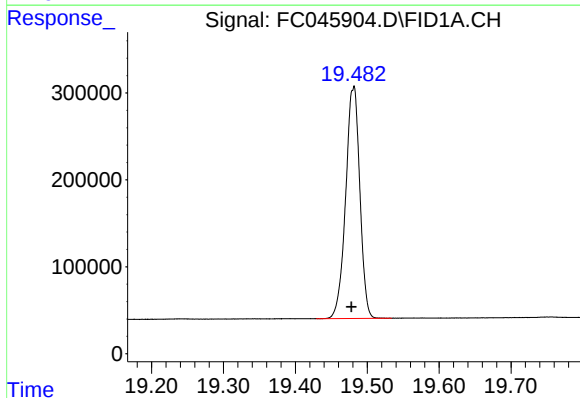
R.T.: 17.873 min
Delta R.T.: 0.003 min
Response: 5053683
Conc: 47.90 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



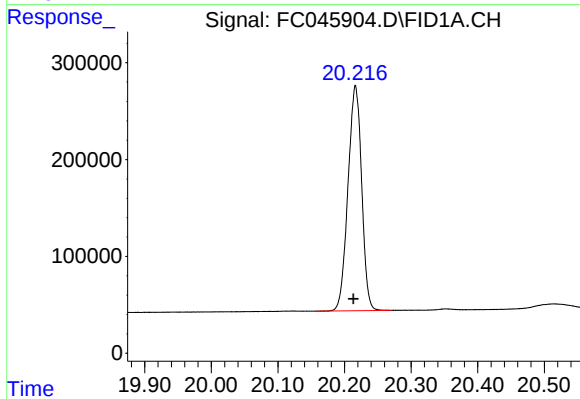
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: 0.004 min
Response: 4261269
Conc: 47.30 ug/ml



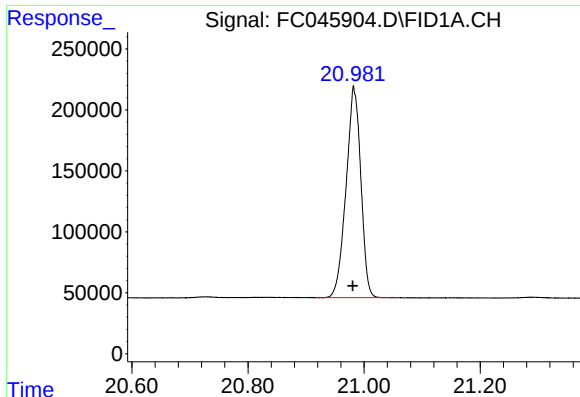
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.003 min
Response: 3646227
Conc: 47.96 ug/ml



#20 n-Hexatriacontane (C36)

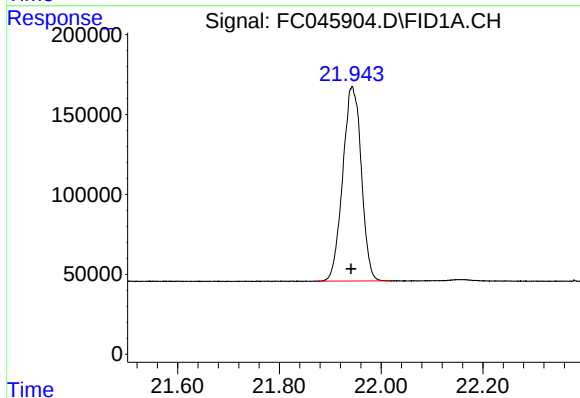
R.T.: 20.216 min
Delta R.T.: 0.003 min
Response: 3313237
Conc: 46.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.982 min
Delta R.T.: 0.002 min
Response: 3053580
Conc: 48.15 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: 0.002 min
Response: 3077244
Conc: 47.16 ug/ml