

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
 Data File : FC053445.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2021 23:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 28 07:01:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.549	2527485	18.263 ug/ml
Spiked Amount 50.000		Recovery =	36.53%
12) S 1-chlorooctadecane (S...	12.990	1904416	17.596 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
Target Compounds			
1) T n-Nonane (C9)	3.301	2537423	21.872 ug/ml
2) T n-Decane (C10)	4.368	2589495	22.126 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2871937	22.076 ug/ml
4) T n-Dodecane (C12)	6.389	2645054	22.165 ug/ml
5) T A~2-methylnaphthalene...	7.013	2894297	21.897 ug/ml
6) T n-Tetradecane (C14)	8.187	2647845	21.756 ug/ml
7) T n-Hexadecane (C16)	9.790	2500023	20.777 ug/ml
8) T n-Octadecane (C18)	11.234	2531675	19.980 ug/ml
10) T n-Eicosane (C20)	12.545	2348672	18.315 ug/ml
11) T n-Heneicosane (C21)	13.158	2281615	17.766 ug/ml
13) T n-Docosane (C22)	13.746	2293511	17.796 ug/ml
14) T n-Tetracosane (C24)	14.850	2261541	17.510 ug/ml
15) T n-Hexacosane (C26)	15.872	2209446	17.192 ug/ml
16) T n-Octacosane (C28)	16.823	2221823	17.156 ug/ml
17) T n-Tricontane (C30)	17.712	2476955	18.394 ug/ml
18) T n-Dotriacontane (C32)	18.546	2833786	20.663 ug/ml
19) T n-Tetratriacontane (C34)	19.331	5775211	44.255 ug/ml
20) T n-Hexatriacontane (C36)	20.071	9192112	75.920 ug/ml
21) T n-Octatriacontane (C38)	20.807	7365177	69.898 ug/ml
22) T n-Tetracontane (C40)	21.709	5839199	55.769 ug/ml

(f)=RT Delta > 1/2 Window

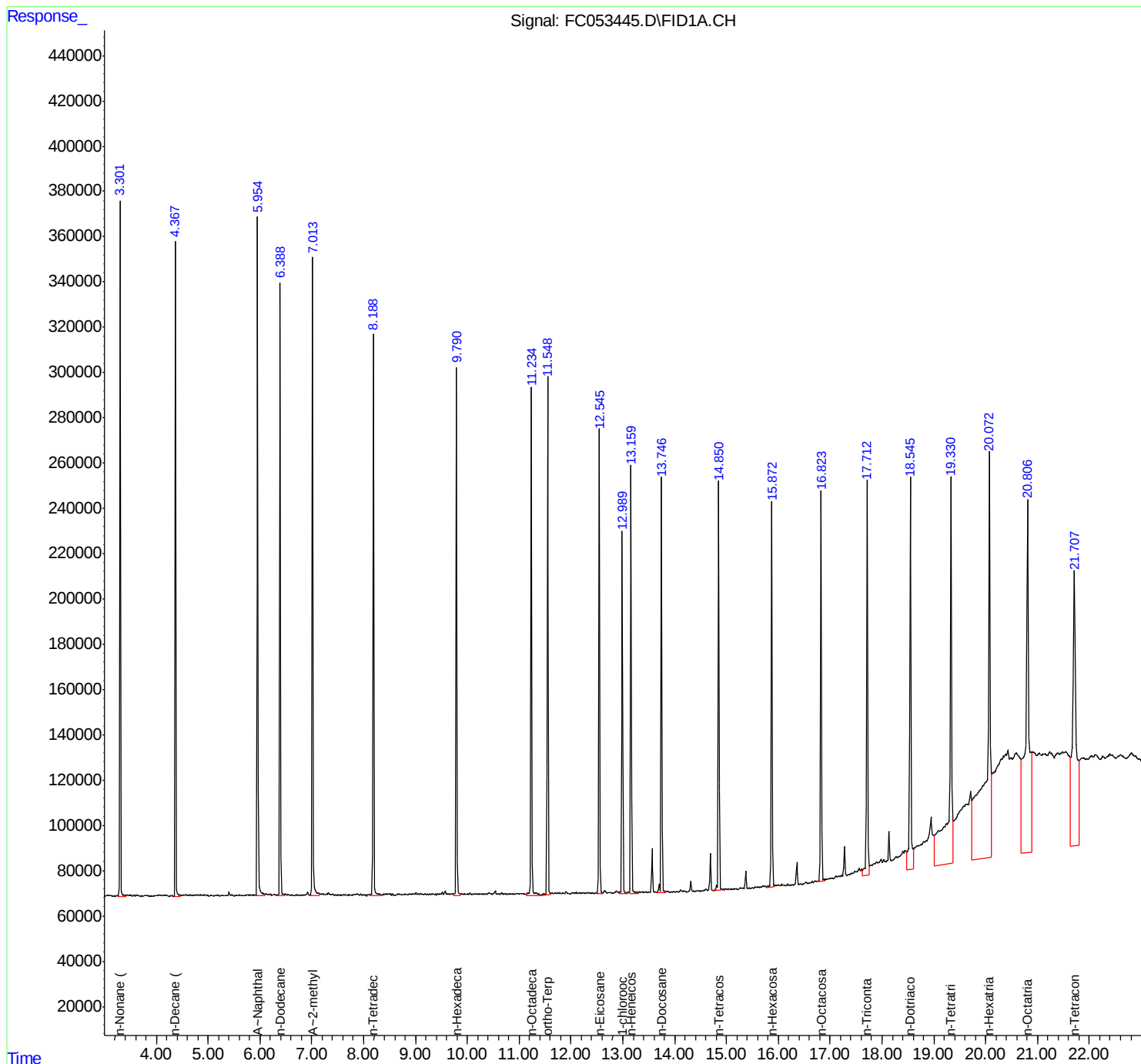
(m)=manual int.

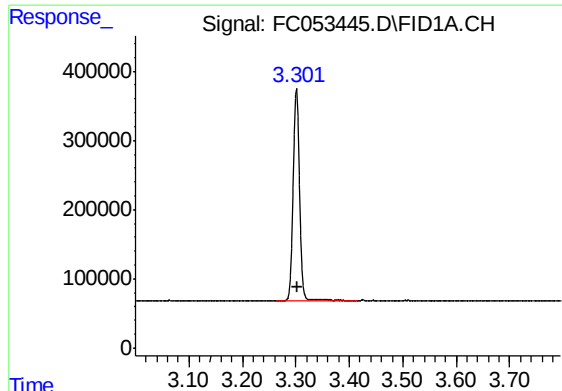
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042721AL\
Data File : FC053445.D
Signal(s) : FID1A.CH
Acq On : 27 Apr 2021 23:17
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Apr 28 07:01:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
Quant Title : GC Extractables
QLast Update : Wed Apr 21 11:02:12 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

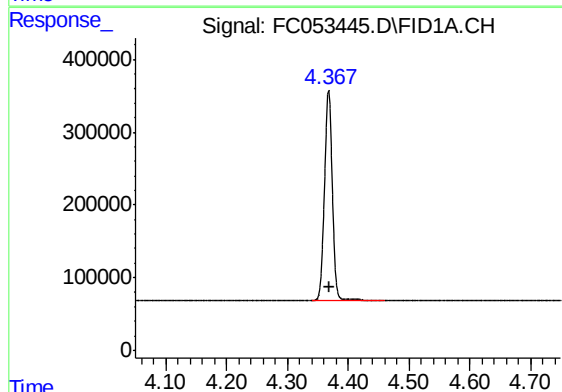




#1 n-Nonane (C9)

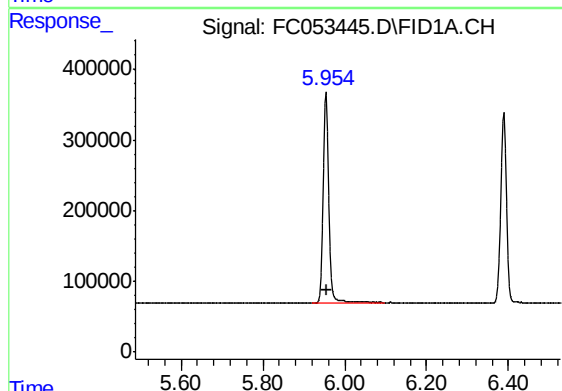
R.T.: 3.301 min
Delta R.T.: -0.003 min
Response: 2537423
Conc: 21.87 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



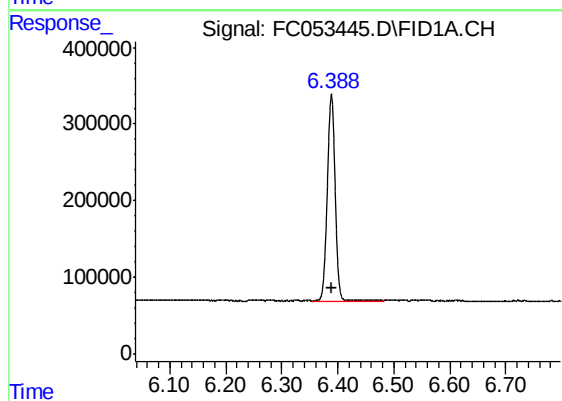
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 2589495
Conc: 22.13 ug/ml



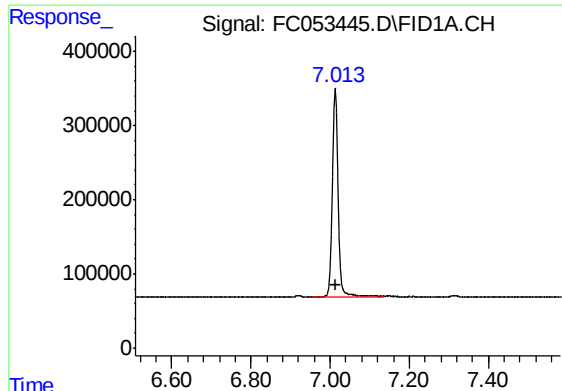
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 2871937
Conc: 22.08 ug/ml



#4 n-Dodecane (C12)

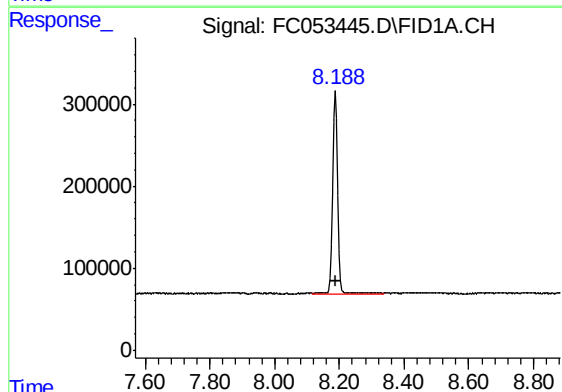
R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 2645054
Conc: 22.16 ug/ml



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

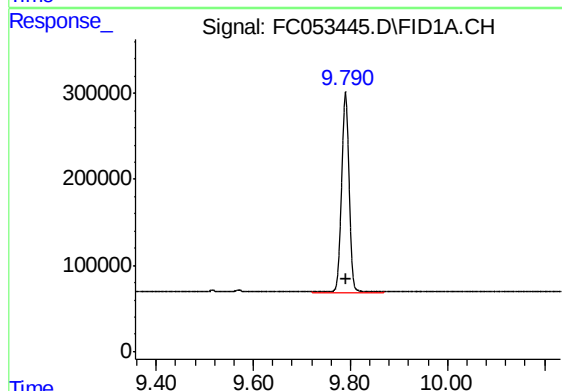
R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 2894297
Conc: 21.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



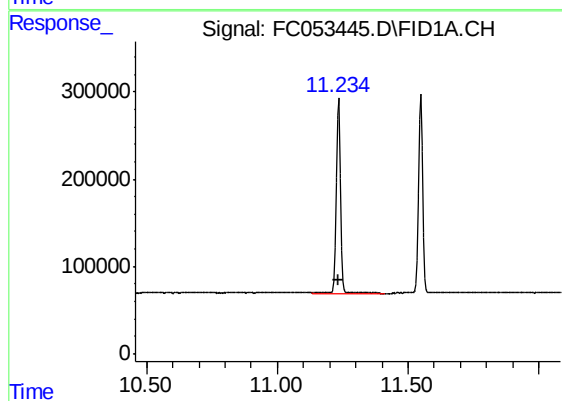
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: -0.001 min
Response: 2647845
Conc: 21.76 ug/ml



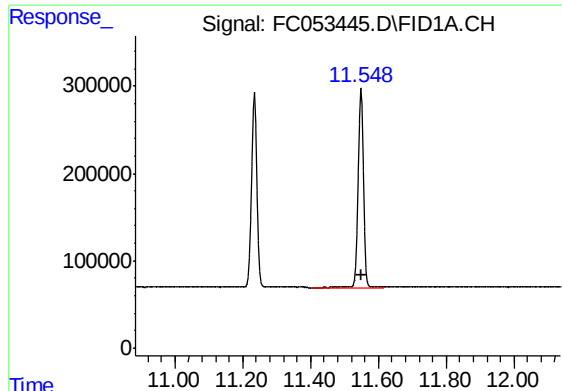
#7 n-Hexadecane (C16)

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 2500023
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

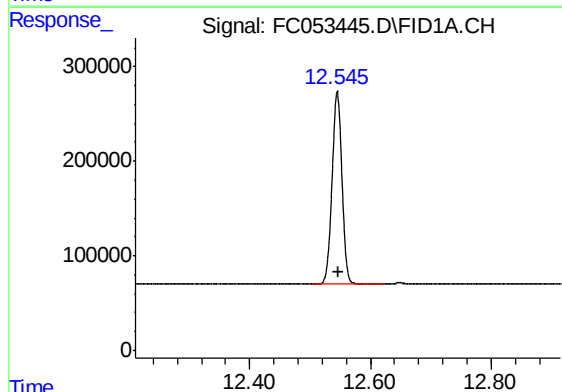
R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 2531675
Conc: 19.98 ug/ml



#9 ortho-Terphenyl (SURR)

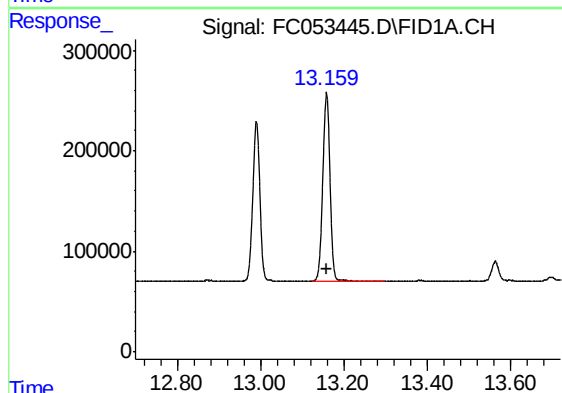
R.T.: 11.549 min
Delta R.T.: -0.001 min
Response: 2527485
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



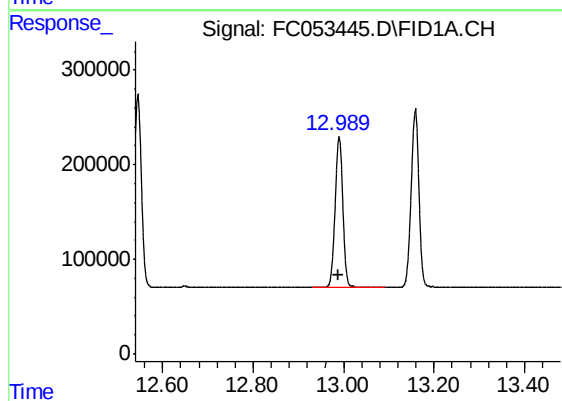
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.001 min
Response: 2348672
Conc: 18.31 ug/ml



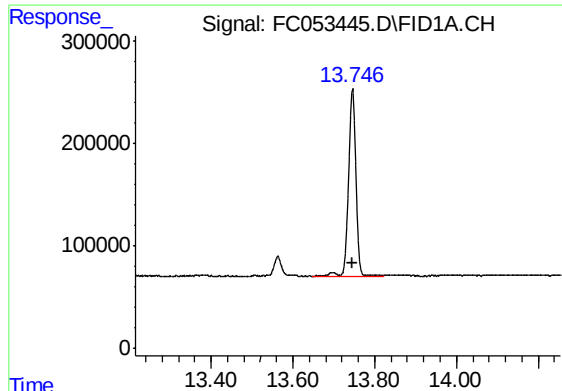
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2281615
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

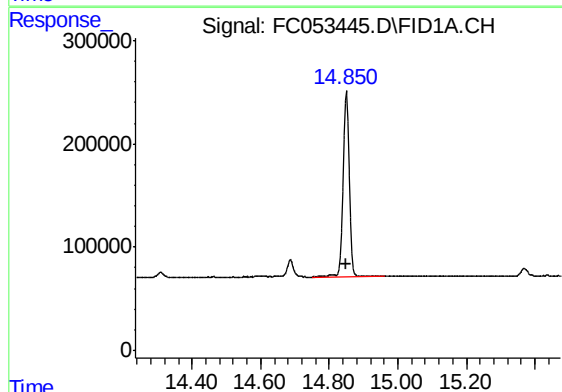
R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 1904416
Conc: 17.60 ug/ml



#13 n-Docosane (C22)

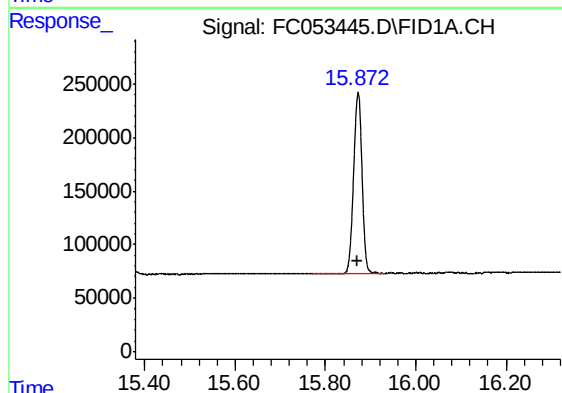
R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 2293511
Conc: 17.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



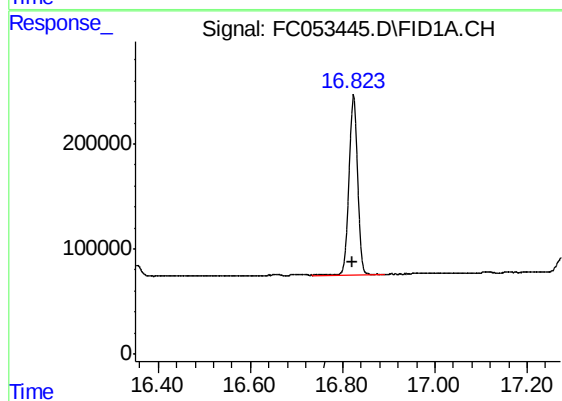
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2261541
Conc: 17.51 ug/ml



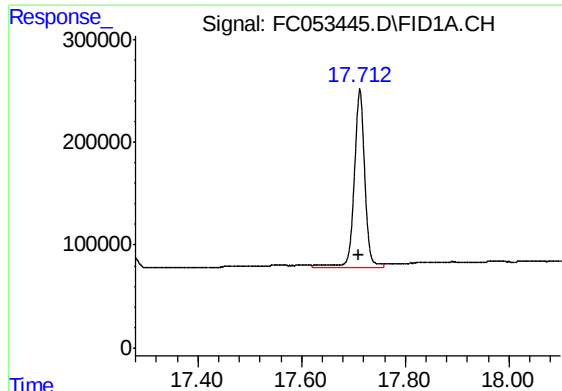
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.000 min
Response: 2209446
Conc: 17.19 ug/ml



#16 n-Octacosane (C28)

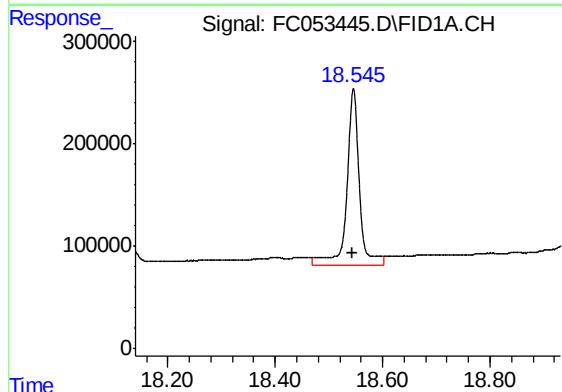
R.T.: 16.823 min
Delta R.T.: 0.001 min
Response: 2221823
Conc: 17.16 ug/ml



#17 n-Tricontane (C30)

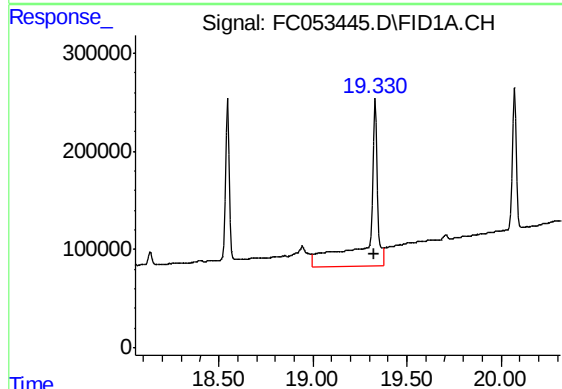
R.T.: 17.712 min
Delta R.T.: 0.002 min
Response: 2476955
Conc: 18.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



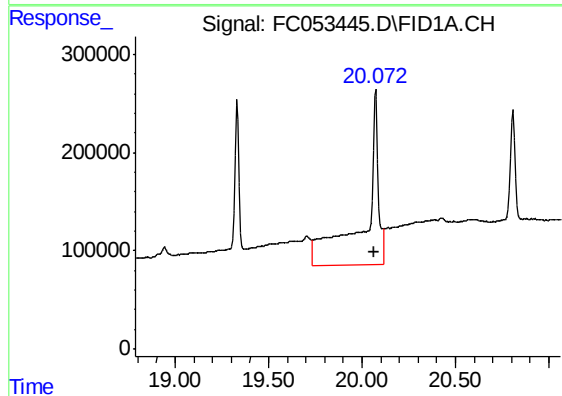
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.002 min
Response: 2833786
Conc: 20.66 ug/ml



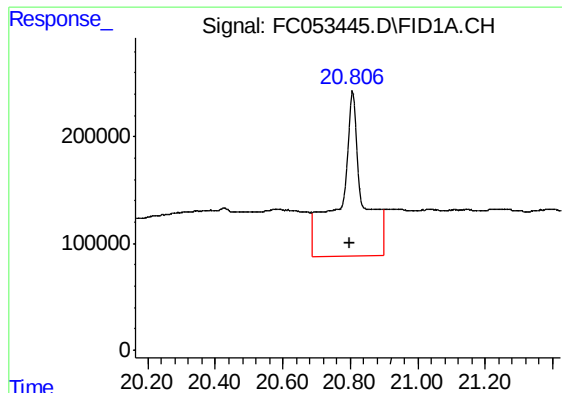
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.003 min
Response: 5775211
Conc: 44.26 ug/ml



#20 n-Hexatriacontane (C36)

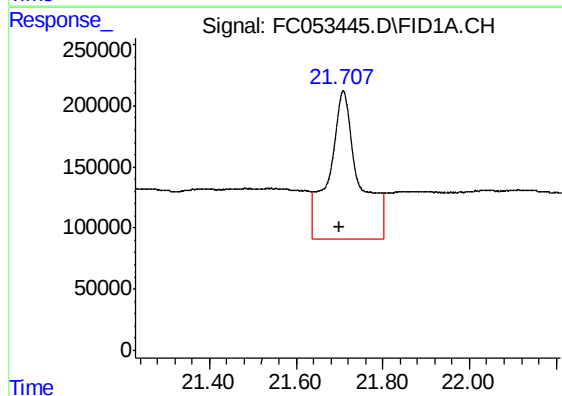
R.T.: 20.071 min
Delta R.T.: 0.004 min
Response: 9192112
Conc: 75.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.006 min
Response: 7365177
Conc: 69.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.007 min
Response: 5839199
Conc: 55.77 ug/ml