

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050520AL\
 Data File : FC047279.D
 Signal(s) : FID1A.CH
 Acq On : 05 May 2020 20:58
 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: autoint1.e
 Quant Time: May 06 01:00:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.750	2374532	21.339 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	13.164	1869026	20.929 ug/ml
Spiked Amount 50.000		Recovery =	41.86%
Target Compounds			
1) T n-Nonane (C9)	3.550	2188124	22.664 ug/ml
2) T n-Decane (C10)	4.616	2202424	22.832 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2298113	22.813 ug/ml
4) T n-Dodecane (C12)	6.618	2248791	22.872 ug/ml
5) T A~2-methylnaphthalene...	7.264	2296063	23.019 ug/ml
6) T n-Tetradecane (C14)	8.398	2256184	22.845 ug/ml
7) T n-Hexadecane (C16)	9.986	2262763	22.443 ug/ml
8) T n-Octadecane (C18)	11.417	2262062	21.912 ug/ml
10) T n-Eicosane (C20)	12.718	2233817	21.289 ug/ml
11) T n-Heneicosane (C21)	13.325	2230040	20.965 ug/ml
13) T n-Docosane (C22)	13.909	2196298	20.640 ug/ml
14) T n-Tetracosane (C24)	15.005	2180578	20.276 ug/ml
15) T n-Hexacosane (C26)	16.020	2126007	19.705 ug/ml
16) T n-Octacosane (C28)	16.963	2068444	19.352 ug/ml
17) T n-Tricontane (C30)	17.848	1930469	19.292 ug/ml
18) T n-Dotriacontane (C32)	18.675	1478428	19.402 ug/ml
19) T n-Tetratriacontane (C34)	19.452	1064123	18.937 ug/ml
20) T n-Hexatriacontane (C36)	20.191	875887	17.503 ug/ml
21) T n-Octatriacontane (C38)	20.945	795789	17.549 ug/ml
22) T n-Tetracontane (C40)	21.897	784947	16.733 ug/ml

(f)=RT Delta > 1/2 Window

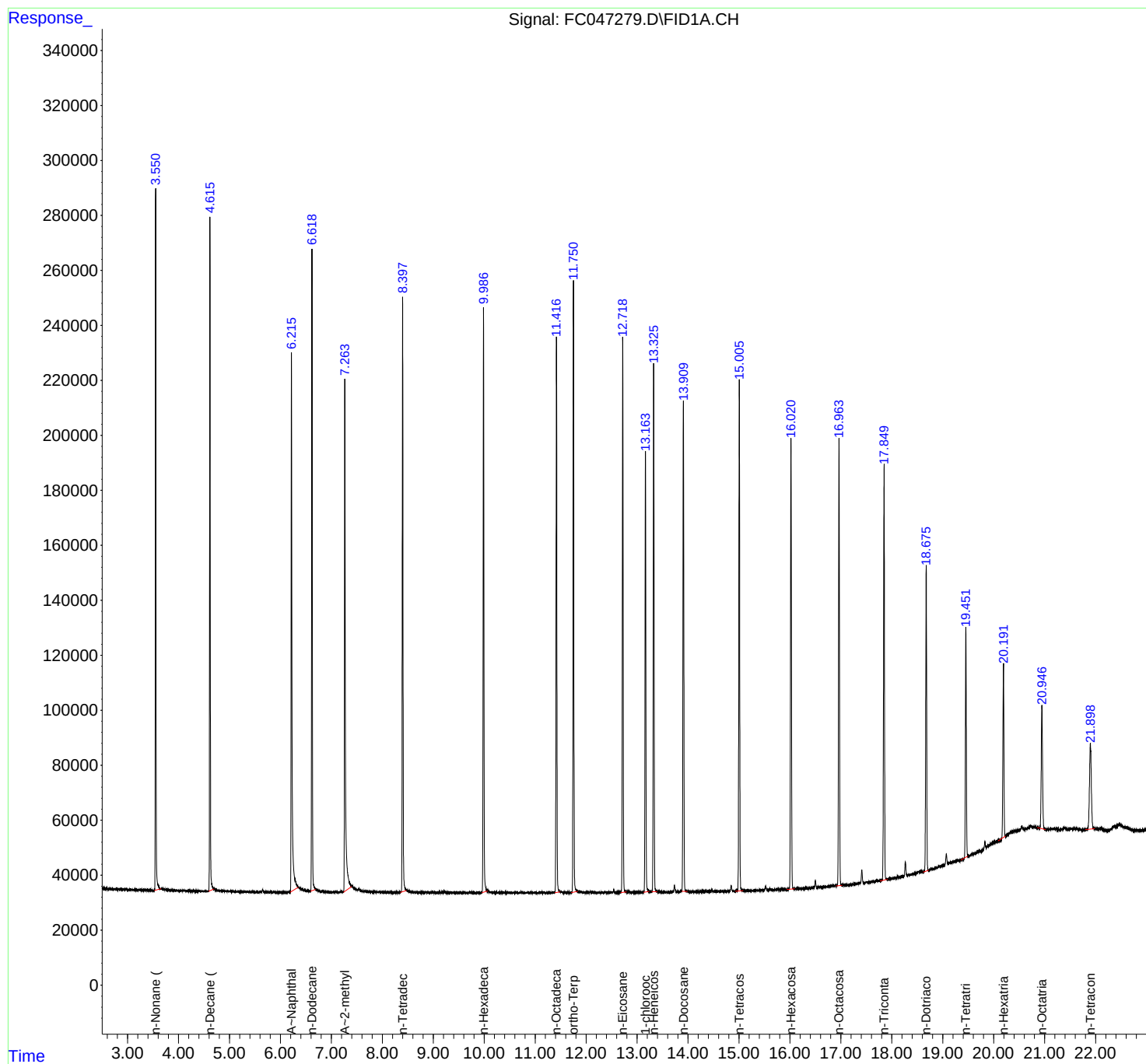
(m)=manual int.

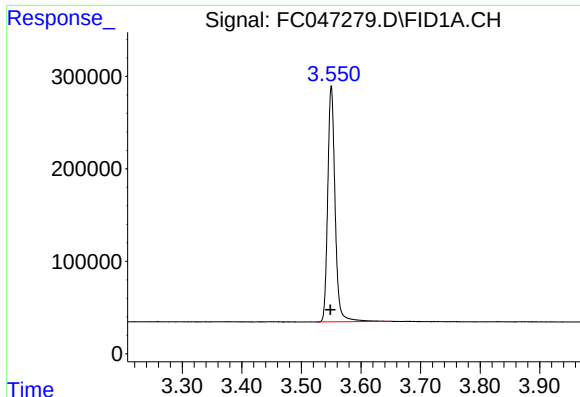
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050520AL\
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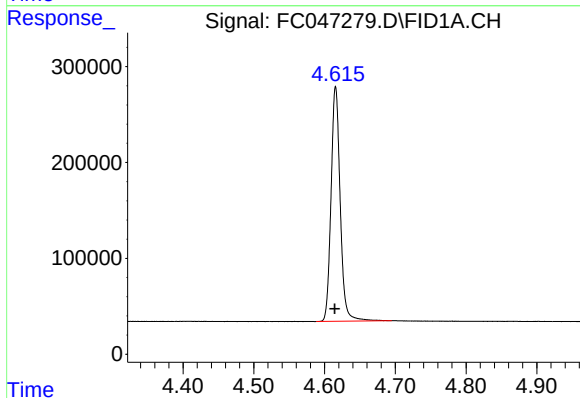




#1 n-Nonane (C9)

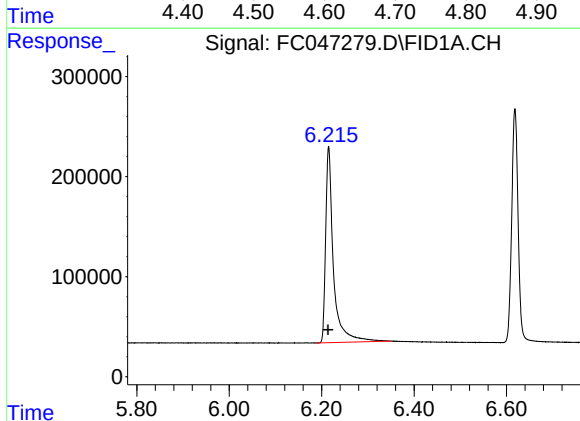
R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 2188124
Conc: 22.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



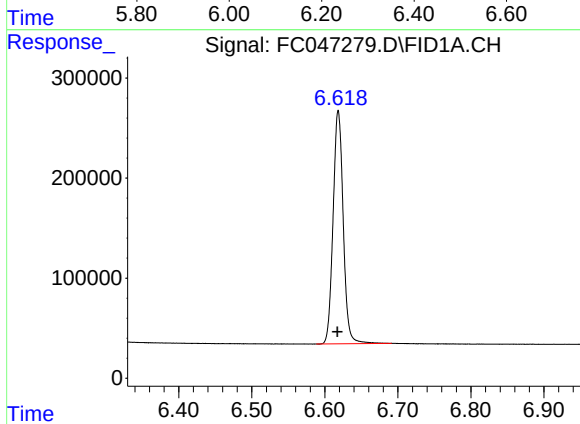
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.001 min
Response: 2202424
Conc: 22.83 ug/ml



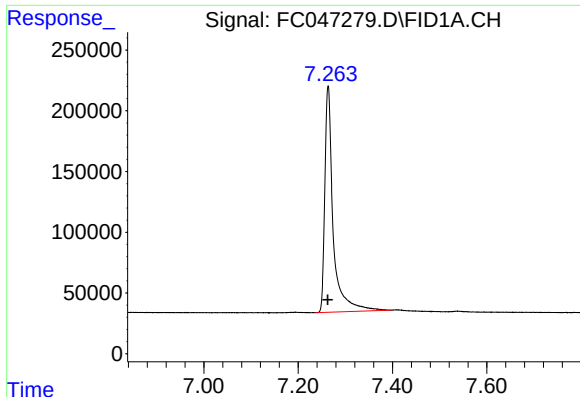
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.002 min
Response: 2298113
Conc: 22.81 ug/ml



#4 n-Dodecane (C12)

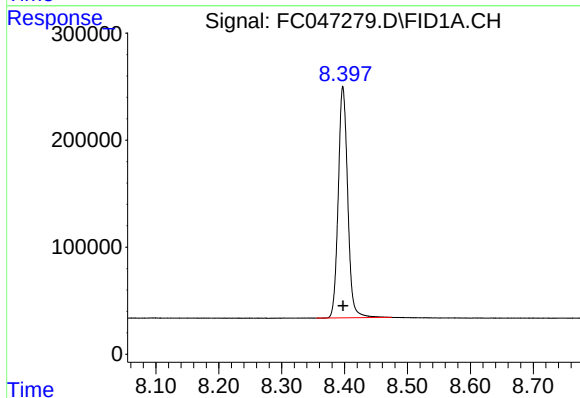
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2248791
Conc: 22.87 ug/ml



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

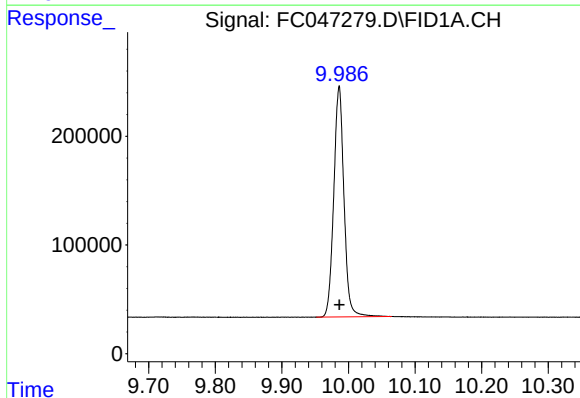
R.T.: 7.264 min
Delta R.T.: 0.001 min
Response: 2296063
Conc: 23.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



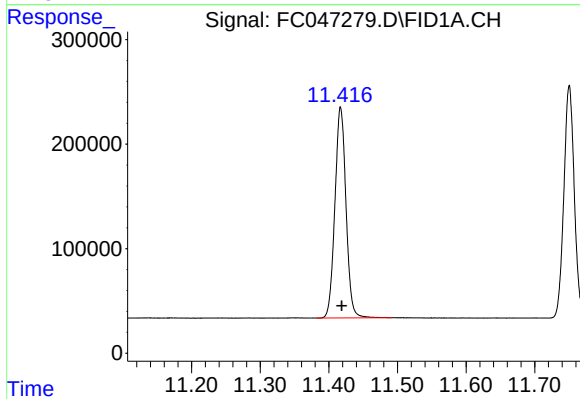
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2256184
Conc: 22.85 ug/ml



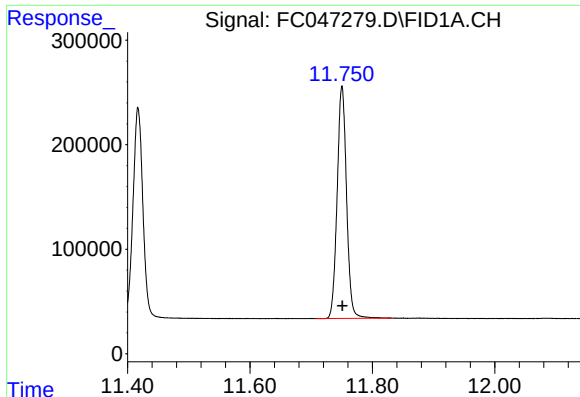
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: 0.000 min
Response: 2262763
Conc: 22.44 ug/ml



#8 n-Octadecane (C18)

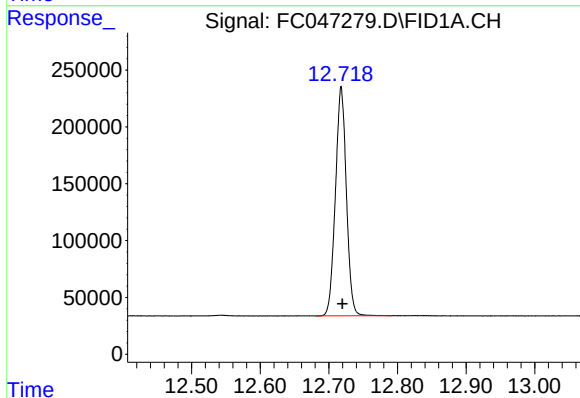
R.T.: 11.417 min
Delta R.T.: -0.002 min
Response: 2262062
Conc: 21.91 ug/ml



#9 ortho-Terphenyl (SURR)

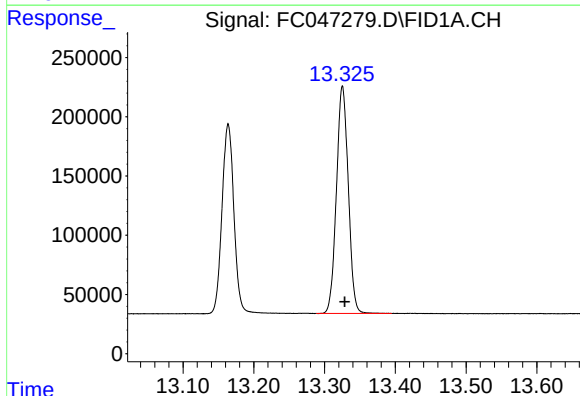
R.T.: 11.750 min
Delta R.T.: 0.000 min
Response: 2374532
Conc: 21.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



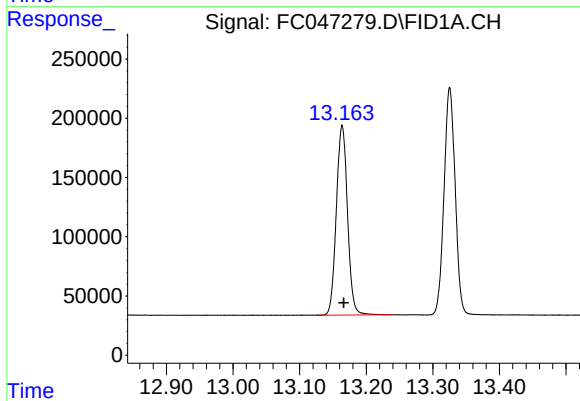
#10 n-Eicosane (C20)

R.T.: 12.718 min
Delta R.T.: -0.002 min
Response: 2233817
Conc: 21.29 ug/ml



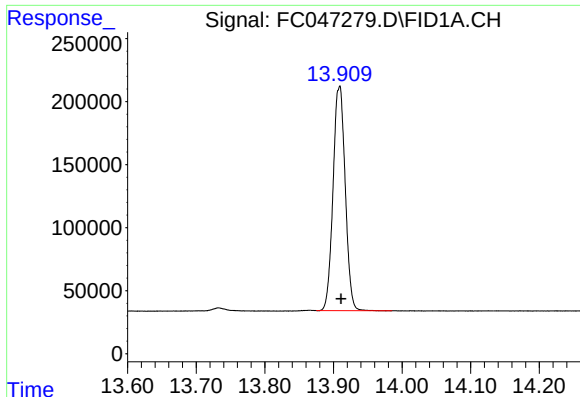
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 2230040
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

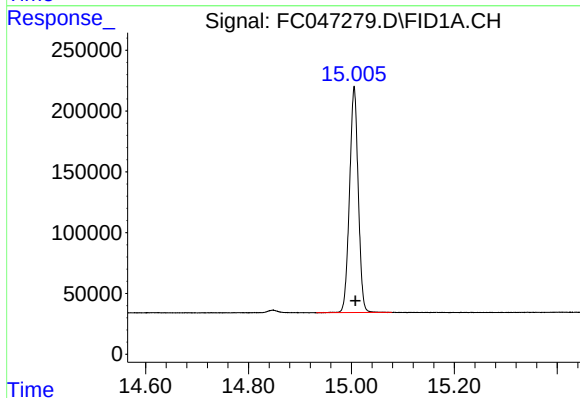
R.T.: 13.164 min
Delta R.T.: -0.003 min
Response: 1869026
Conc: 20.93 ug/ml



#13 n-Docosane (C22)

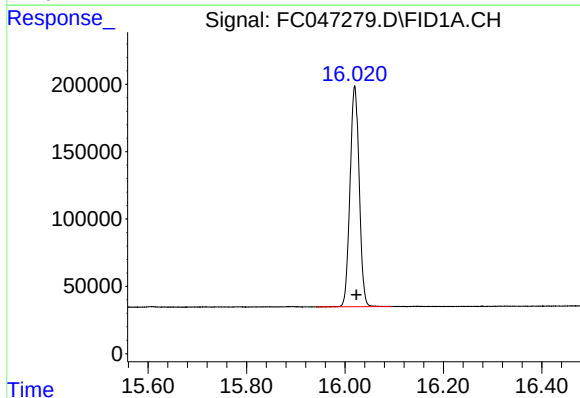
R.T.: 13.909 min
Delta R.T.: -0.002 min
Response: 2196298
Conc: 20.64 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



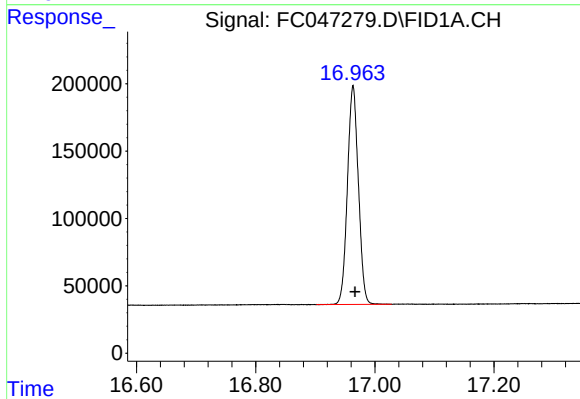
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.002 min
Response: 2180578
Conc: 20.28 ug/ml



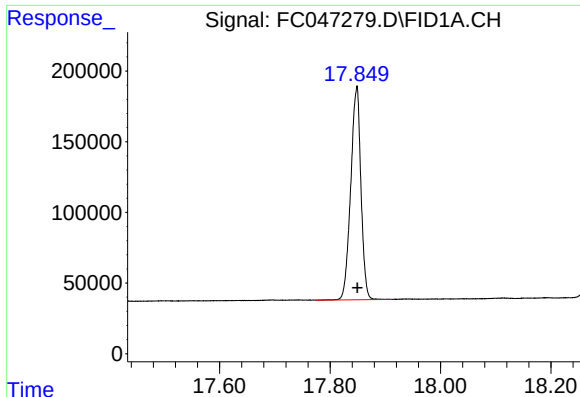
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2126007
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

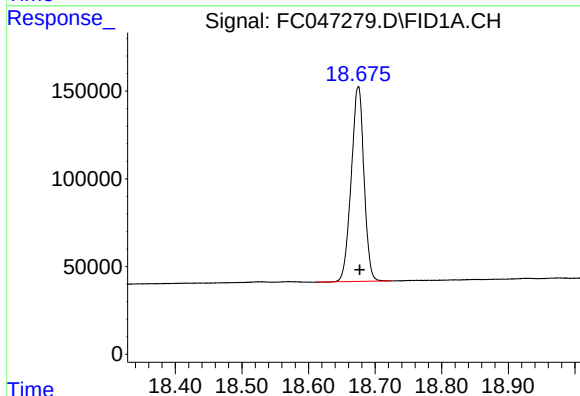
R.T.: 16.963 min
Delta R.T.: -0.003 min
Response: 2068444
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

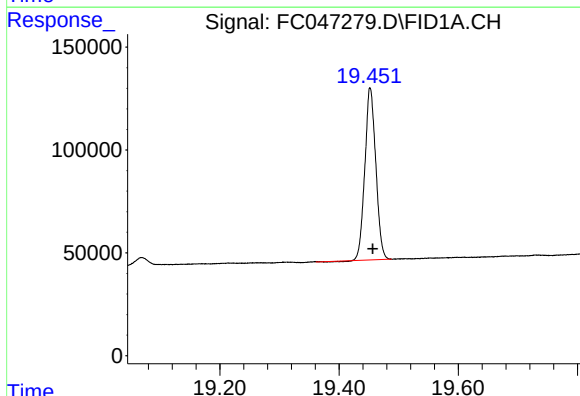
R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 1930469
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



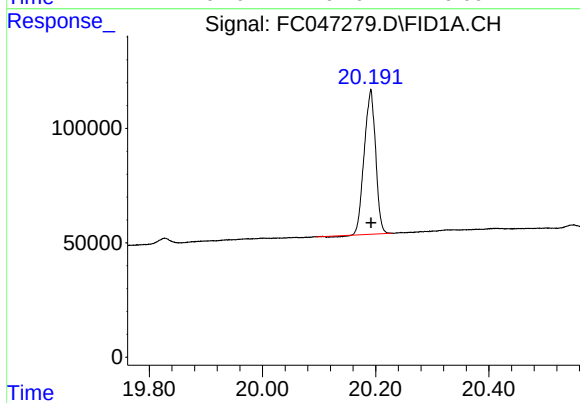
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.002 min
Response: 1478428
Conc: 19.40 ug/ml



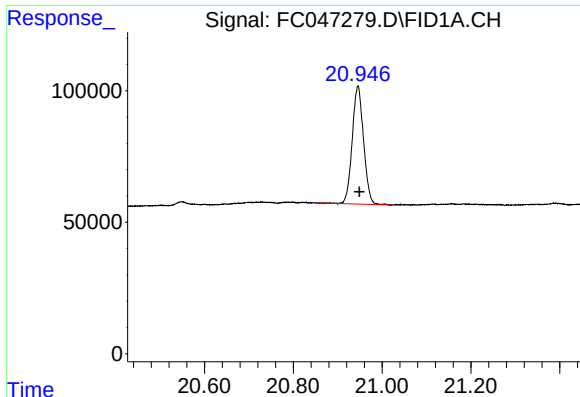
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.004 min
Response: 1064123
Conc: 18.94 ug/ml



#20 n-Hexatriacontane (C36)

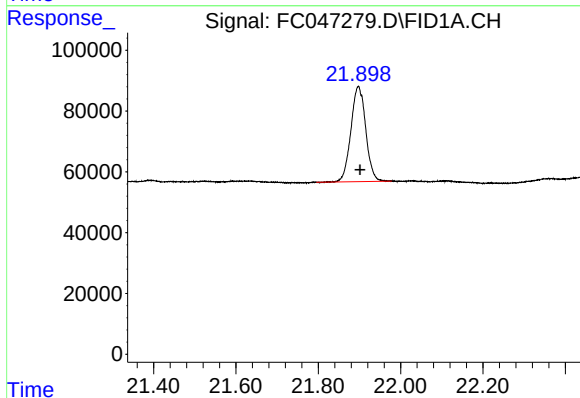
R.T.: 20.191 min
Delta R.T.: 0.000 min
Response: 875887
Conc: 17.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.003 min
Response: 795789
Conc: 17.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.897 min
Delta R.T.: -0.004 min
Response: 784947
Conc: 16.73 ug/ml