

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122419AL\
 Data File : FC045041.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2019 10:01
 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: Dec 25 01:21:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.758	2324055	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.181	1826465	20.484 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.512	2067093	20.528 ug/ml
2) T n-Decane (C10)	4.584	2070246	20.522 ug/ml
3) T A~Naphthalene (C11.7)	6.184	2301164	20.535 ug/ml
4) T n-Dodecane (C12)	6.602	2089199	20.525 ug/ml
5) T A~2-methylnaphthalene...	7.239	2314671	20.536 ug/ml
6) T n-Tetradecane (C14)	8.392	2095446	20.559 ug/ml
7) T n-Hexadecane (C16)	9.989	2111684	20.511 ug/ml
8) T n-Octadecane (C18)	11.428	2129275	20.474 ug/ml
10) T n-Eicosane (C20)	12.734	2142061	20.474 ug/ml
11) T n-Heneicosane (C21)	13.345	2164379	20.465 ug/ml
13) T n-Docosane (C22)	13.930	2163642	20.464 ug/ml
14) T n-Tetracosane (C24)	15.031	2193524	20.531 ug/ml
15) T n-Hexacosane (C26)	16.049	2195419	20.585 ug/ml
16) T n-Octacosane (C28)	16.996	2178592	20.629 ug/ml
17) T n-Tricontane (C30)	17.882	2110556	20.704 ug/ml
18) T n-Dotriacontane (C32)	18.712	1794892	20.748 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1517894	20.720 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1366669	20.796 ug/ml
21) T n-Octatriacontane (C38)	21.000	1218586	20.633 ug/ml
22) T n-Tetracontane (C40)	21.968	1240197	20.970 ug/ml

(f)=RT Delta > 1/2 Window

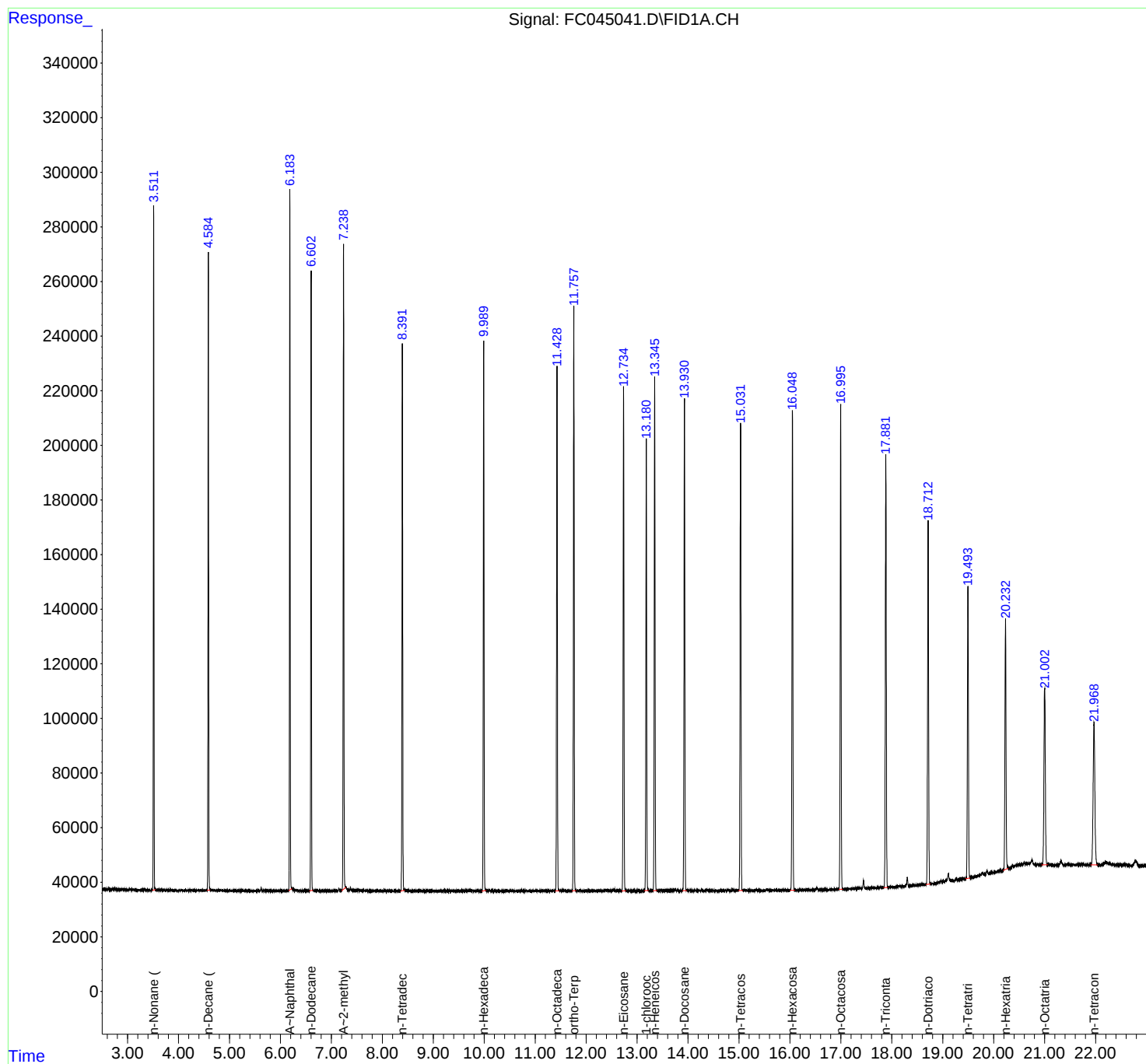
(m)=manual int.

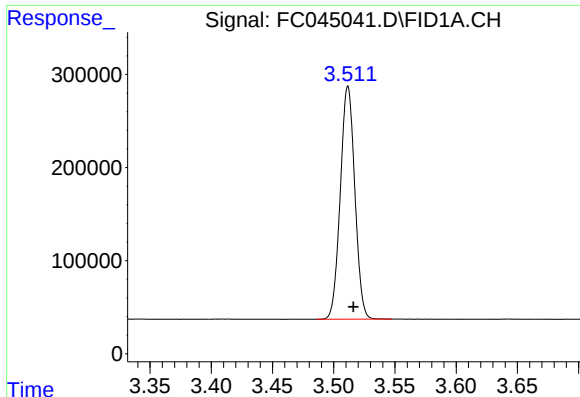
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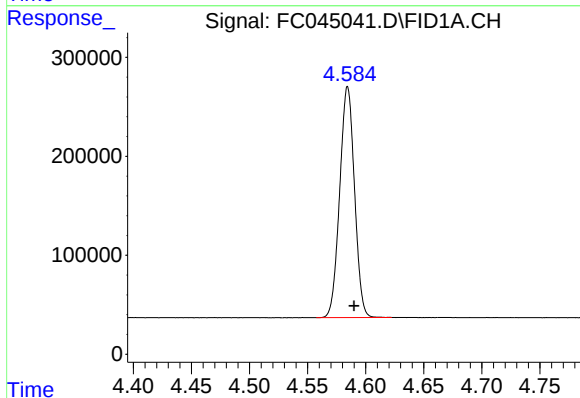




#1 n-Nonane (C9)

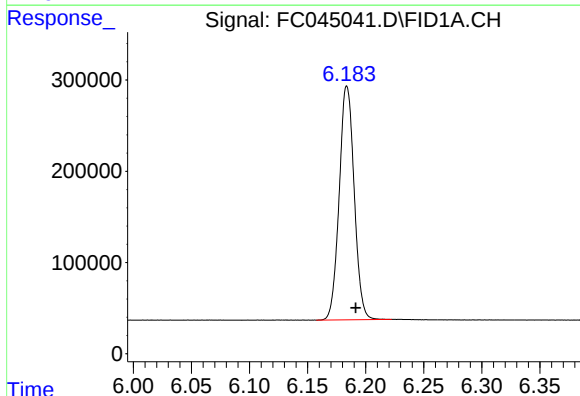
R.T.: 3.512 min
Delta R.T.: -0.004 min
Response: 2067093
Conc: 20.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



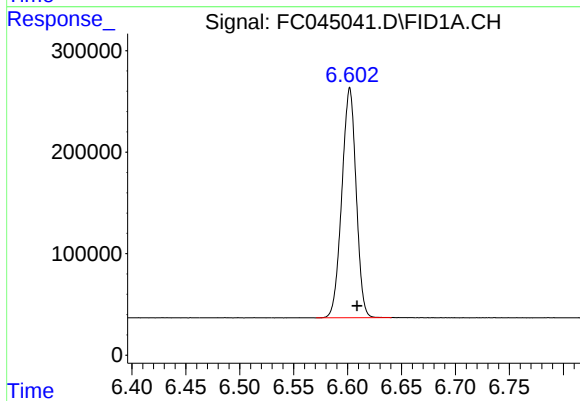
#2 n-Decane (C10)

R.T.: 4.584 min
Delta R.T.: -0.006 min
Response: 2070246
Conc: 20.52 ug/ml



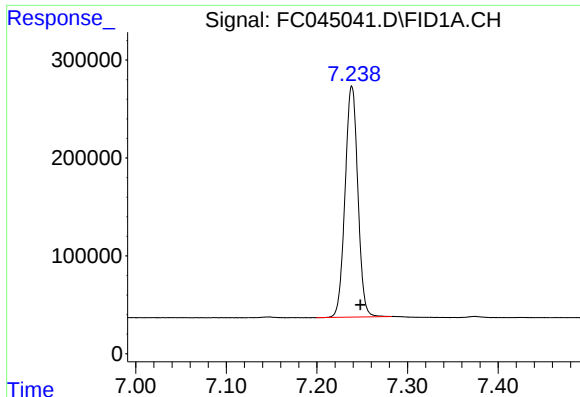
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.008 min
Response: 2301164
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

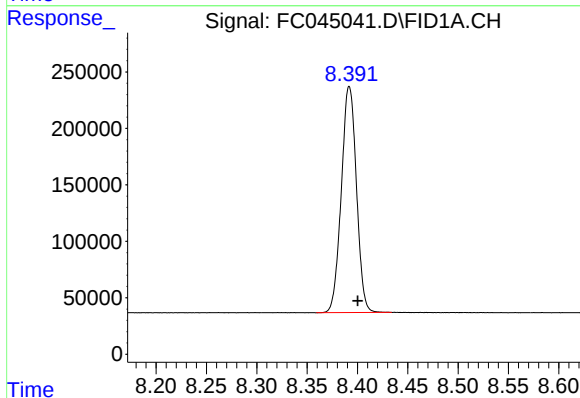
R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 2089199
Conc: 20.53 ug/ml



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

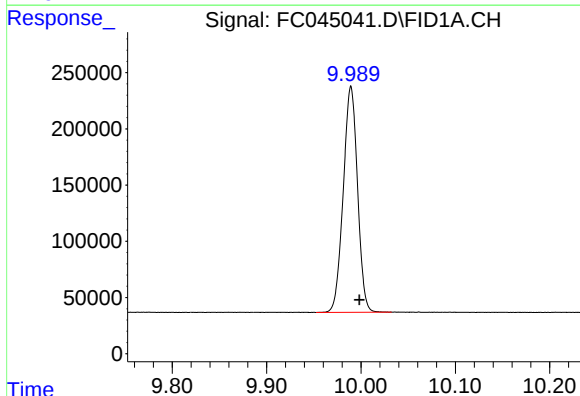
R.T.: 7.239 min
Delta R.T.: -0.009 min
Response: 2314671
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



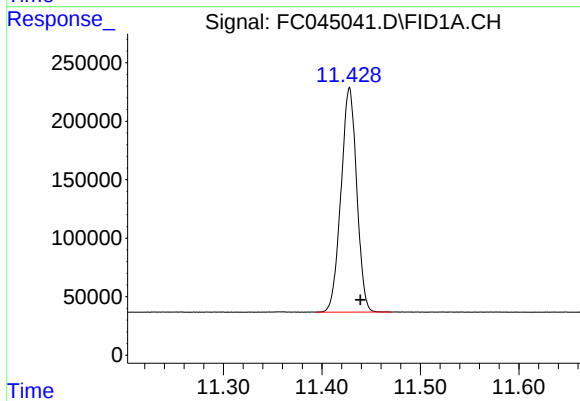
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.008 min
Response: 2095446
Conc: 20.56 ug/ml



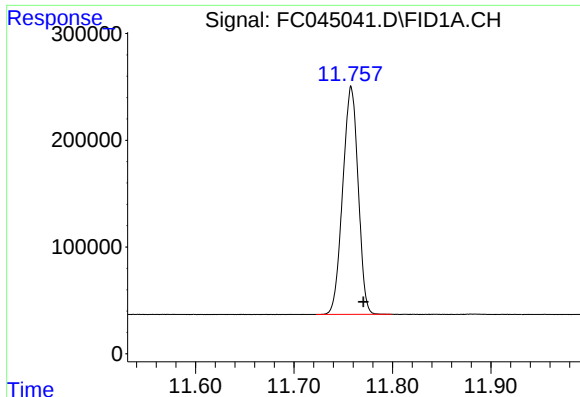
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.009 min
Response: 2111684
Conc: 20.51 ug/ml



#8 n-Octadecane (C18)

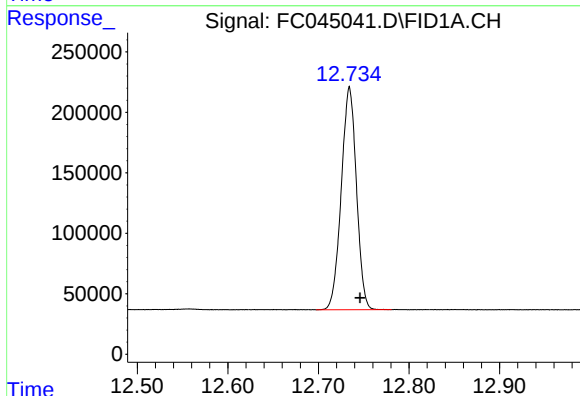
R.T.: 11.428 min
Delta R.T.: -0.011 min
Response: 2129275
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURR)

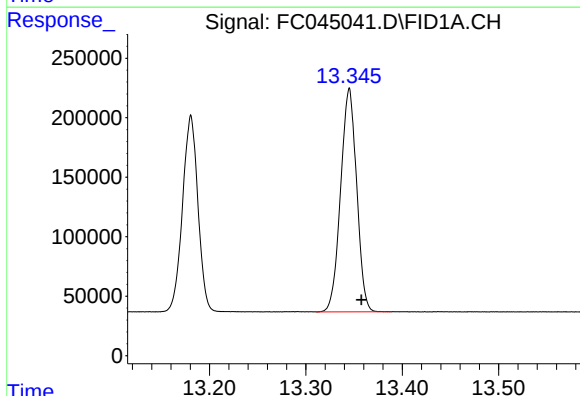
R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 2324055
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



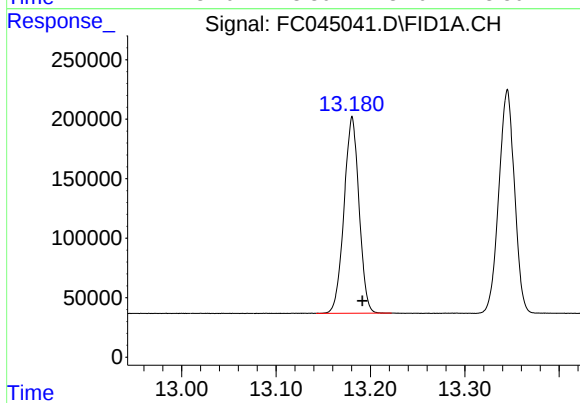
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.012 min
Response: 2142061
Conc: 20.47 ug/ml



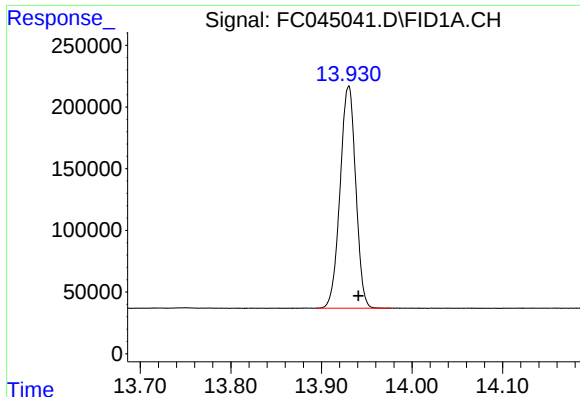
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.012 min
Response: 2164379
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

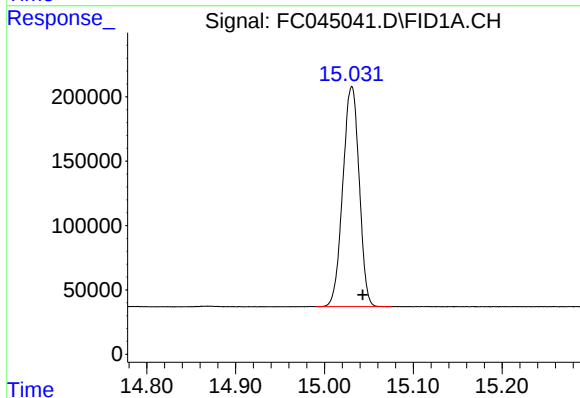
R.T.: 13.181 min
Delta R.T.: -0.011 min
Response: 1826465
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

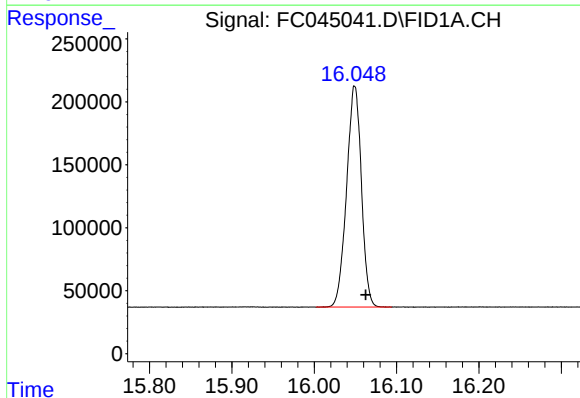
R.T.: 13.930 min
Delta R.T.: -0.011 min
Response: 2163642
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



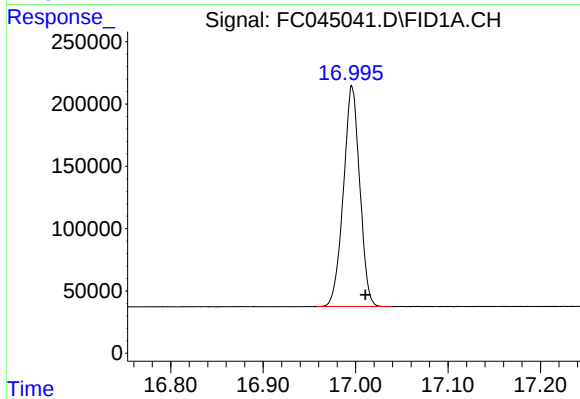
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.012 min
Response: 2193524
Conc: 20.53 ug/ml



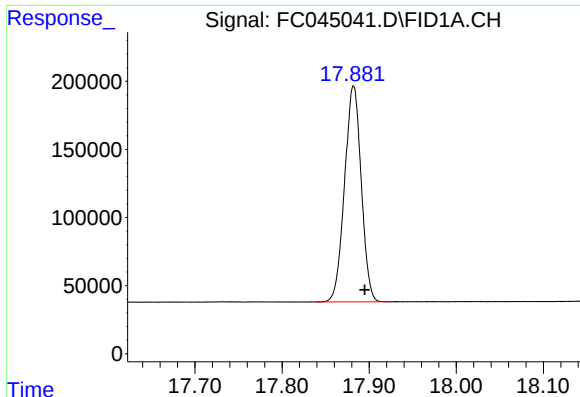
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.013 min
Response: 2195419
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

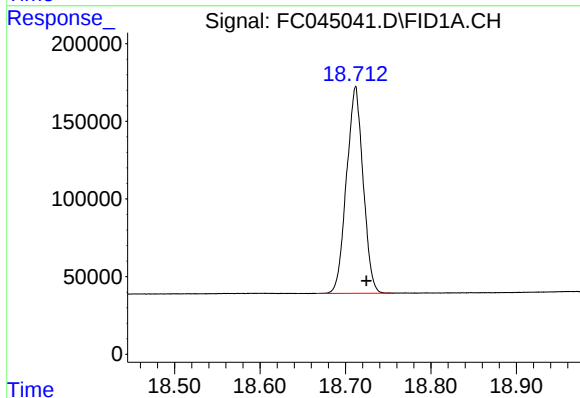
R.T.: 16.996 min
Delta R.T.: -0.014 min
Response: 2178592
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

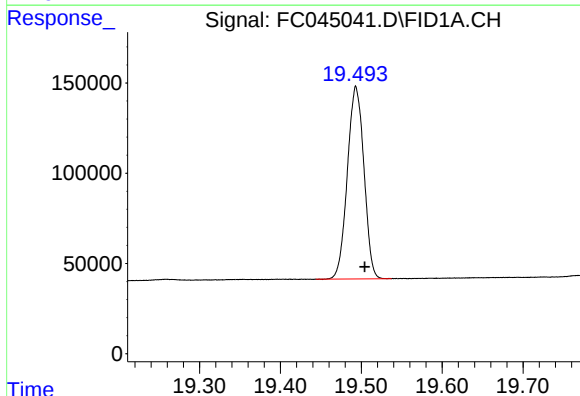
R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 2110556
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



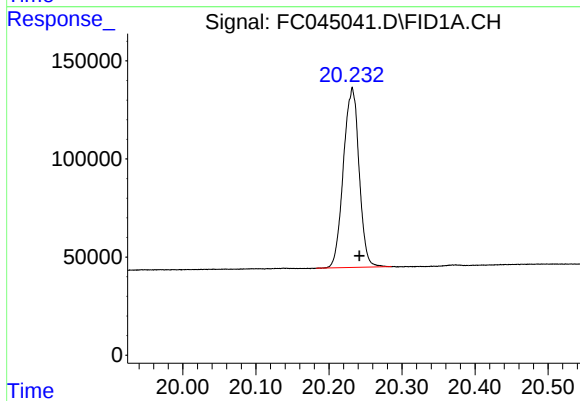
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.013 min
Response: 1794892
Conc: 20.75 ug/ml



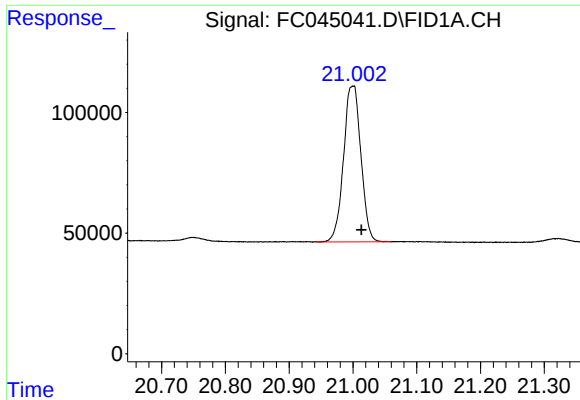
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.011 min
Response: 1517894
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

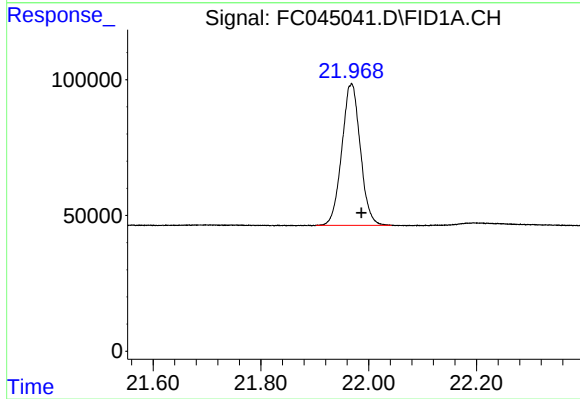
R.T.: 20.232 min
Delta R.T.: -0.010 min
Response: 1366669
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: -0.013 min
Response: 1218586
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.018 min
Response: 1240197
Conc: 20.97 ug/ml