

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121218AL\
 Data File : FC038117.D
 Signal(s) : FID1A.CH
 Acq On : 11 Dec 2018 12:18
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 11 12:47:19 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 10 17:11:09 2018
 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)	11.280	2550870	19.567 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.723	1958515	19.425 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	3.121	2176658	20.930 ug/ml
2) T n-Decane (C10)	4.178	2189102	20.902 ug/ml
3) T A-Naphthalene (C11.7)	5.737	2443063	20.798 ug/ml
4) T n-Dodecane (C12)	6.181	2236207	20.713 ug/ml
5) T A~2-methylnaphthalene...	6.785	2438382	20.752 ug/ml
6) T n-Tetradecane (C14)	7.963	2287493	20.481 ug/ml
7) T n-Hexadecane (C16)	9.553	2308283	20.009 ug/ml
8) T n-Octadecane (C18)	10.984	2323840	19.224 ug/ml
10) T n-Eicosane (C20)	12.285	2302009	19.166 ug/ml
11) T n-Heneicosane (C21)	12.893	2297788	19.802 ug/ml
13) T n-Docosane (C22)	13.476	2273621	19.673 ug/ml
14) T n-Tetracosane (C24)	14.574	2268613	19.759 ug/ml
15) T n-Hexacosane (C26)	15.589	2249309	19.996 ug/ml
16) T n-Octacosane (C28)	16.535	2279128	20.277 ug/ml
17) T n-Tricontane (C30)	17.419	2264051	20.629 ug/ml
18) T n-Dotriacontane (C32)	18.247	2153952	21.030 ug/ml
19) T n-Tetratriacontane (C34)	19.027	1871777	21.240 ug/ml
20) T n-Hexatriacontane (C36)	19.765	1654402	21.118 ug/ml
21) T n-Octatriacontane (C38)	20.464	1649055	21.311 ug/ml
22) T n-Tetracontane (C40)	21.269	1664436	19.047 ug/ml

(f)=RT Delta > 1/2 Window

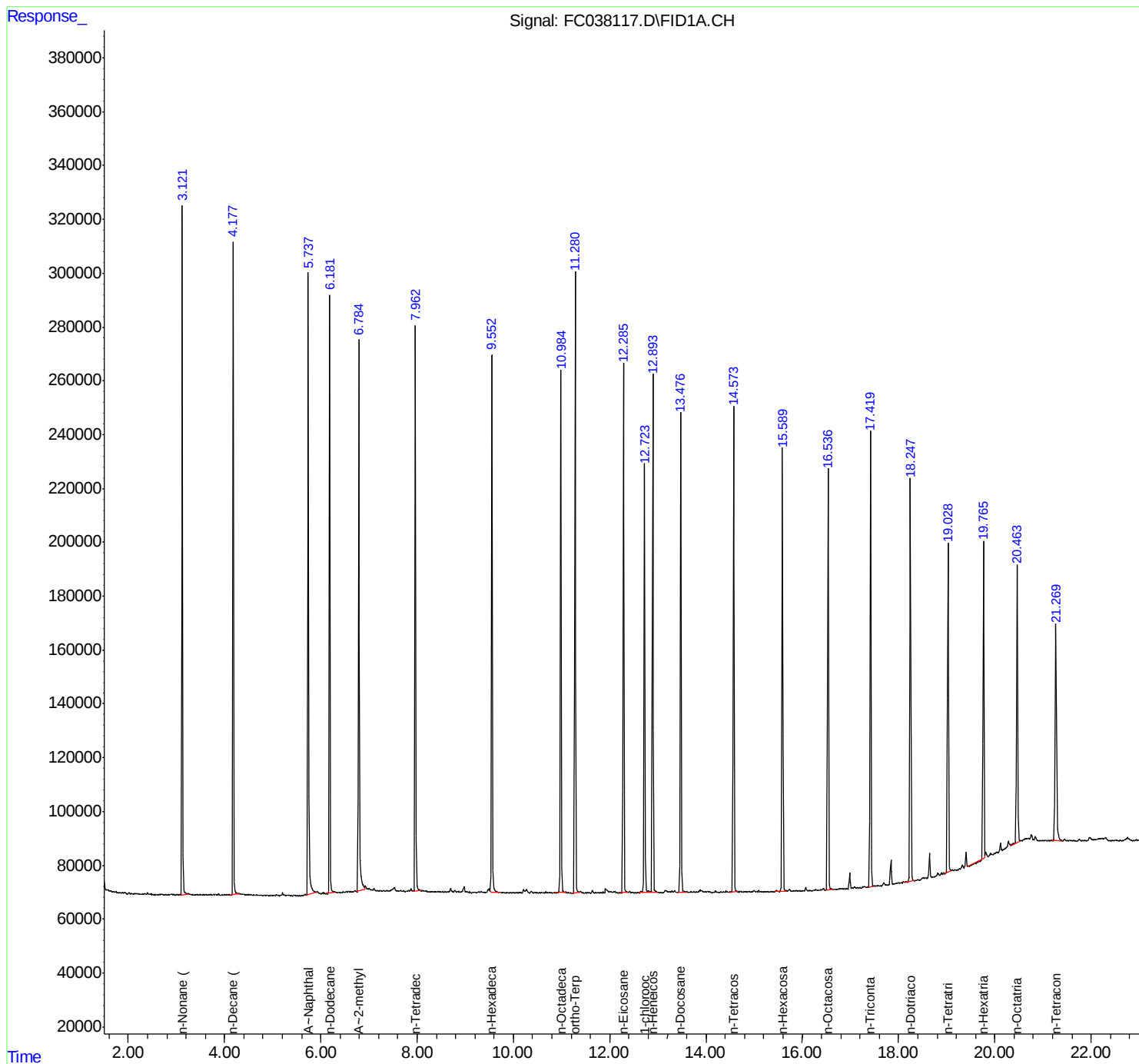
(m)=manual int.

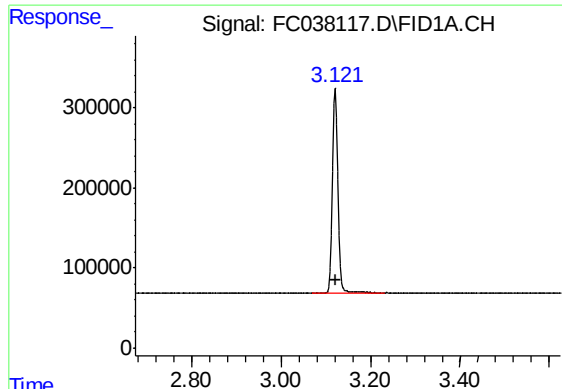
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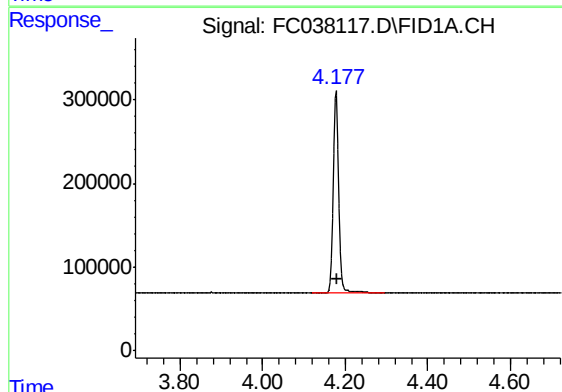




#1 n-Nonane (C9)

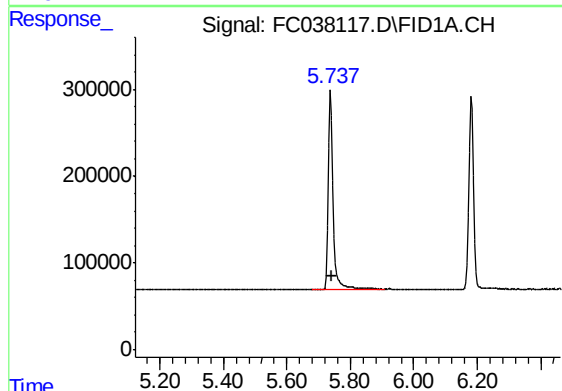
R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 2176658
Conc: 20.93 ug/ml

Instrument :
FID_C
ClientSampleId :



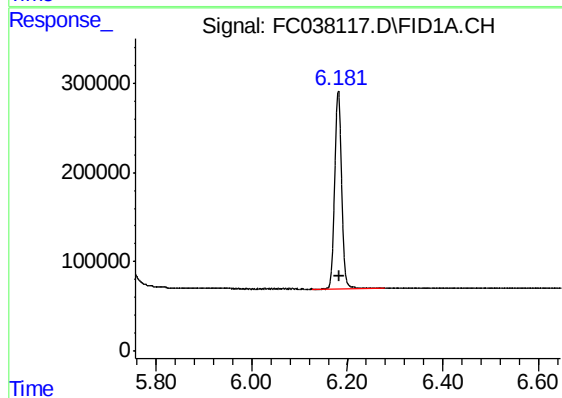
#2 n-Decane (C10)

R.T.: 4.178 min
Delta R.T.: -0.002 min
Response: 2189102
Conc: 20.90 ug/ml



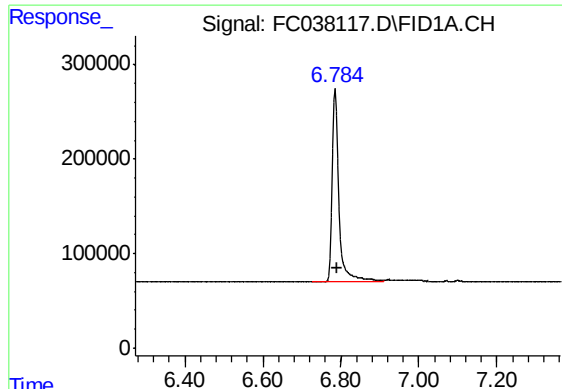
#3 A~Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.003 min
Response: 2443063
Conc: 20.80 ug/ml



#4 n-Dodecane (C12)

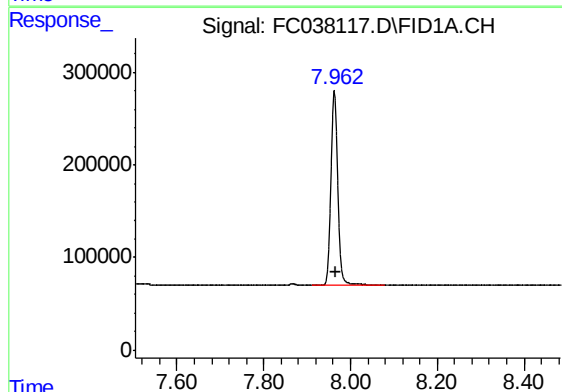
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 2236207
Conc: 20.71 ug/ml



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

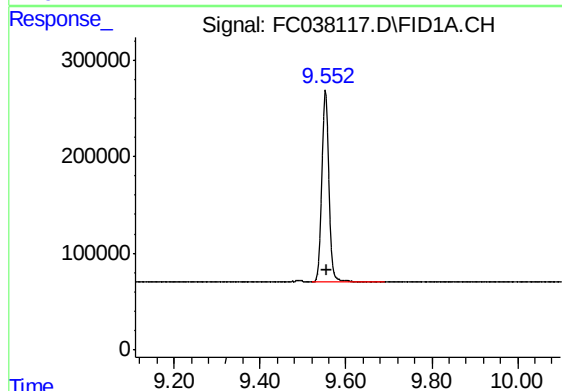
R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 2438382
Conc: 20.75 ug/ml

Instrument :
FID_C
ClientSampleId :



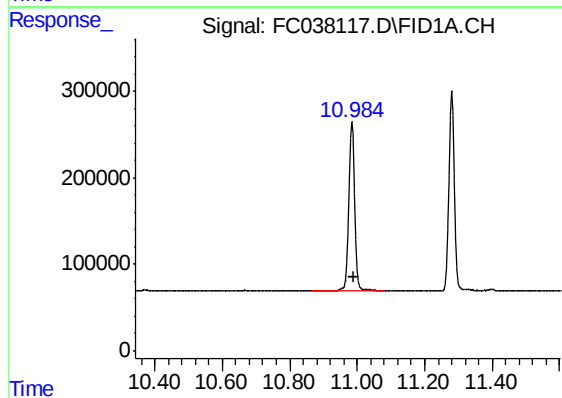
#6 n-Tetradecane (C14)

R.T.: 7.963 min
Delta R.T.: -0.004 min
Response: 2287493
Conc: 20.48 ug/ml



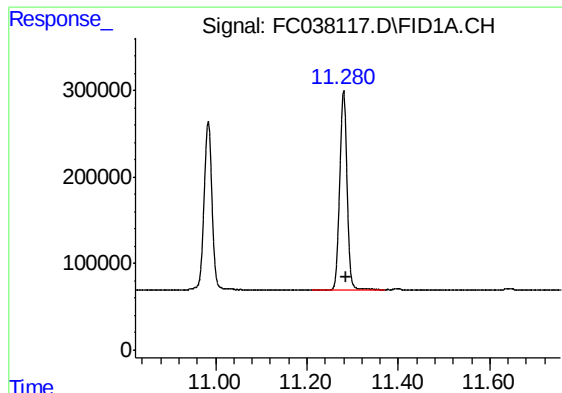
#7 n-Hexadecane (C16)

R.T.: 9.553 min
Delta R.T.: -0.004 min
Response: 2308283
Conc: 20.01 ug/ml



#8 n-Octadecane (C18)

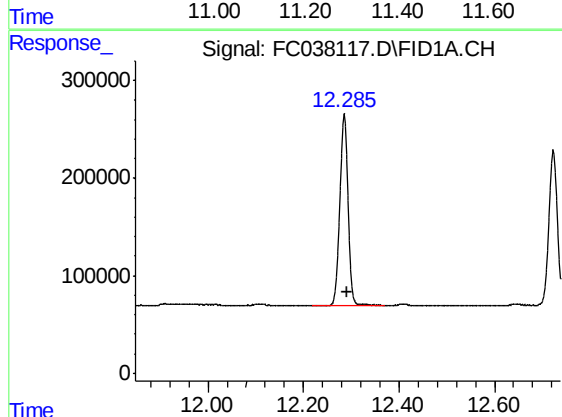
R.T.: 10.984 min
Delta R.T.: -0.005 min
Response: 2323840
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

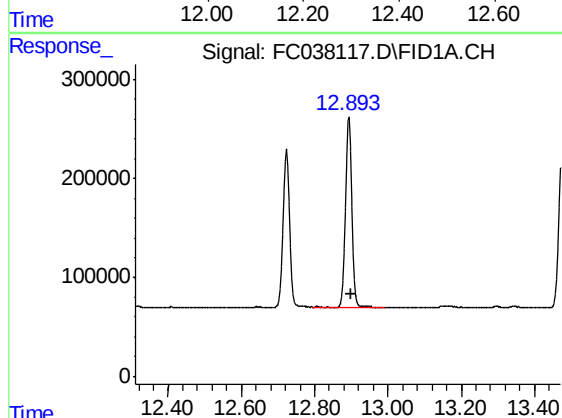
R.T.: 11.280 min
Delta R.T.: -0.005 min
Response: 2550870
Conc: 19.57 ug/ml

Instrument :
FID_C
ClientSampleId :



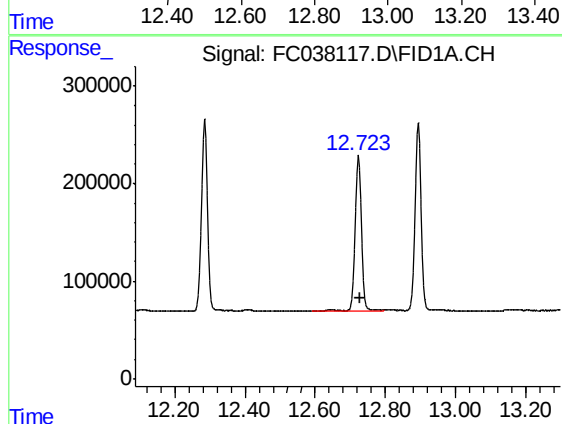
#10 n-Eicosane (C20)

R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 2302009
Conc: 19.17 ug/ml



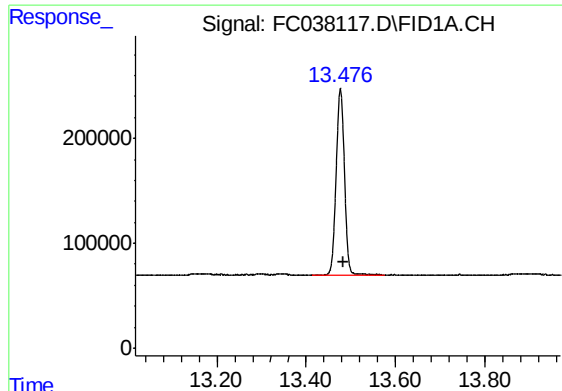
#11 n-Heneicosane (C21)

R.T.: 12.893 min
Delta R.T.: -0.007 min
Response: 2297788
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

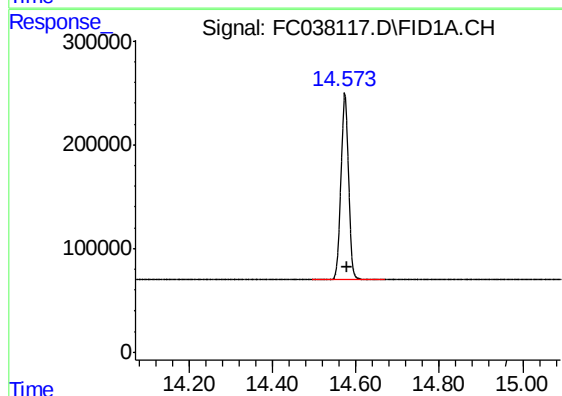
R.T.: 12.723 min
Delta R.T.: -0.006 min
Response: 1958515
Conc: 19.43 ug/ml



#13 n-Docosane (C22)

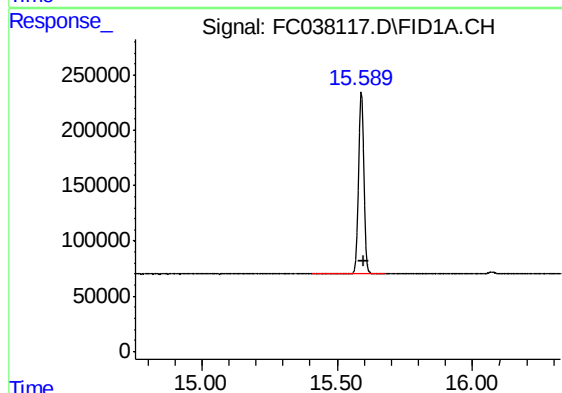
R.T.: 13.476 min
Delta R.T.: -0.006 min
Response: 2273621
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :



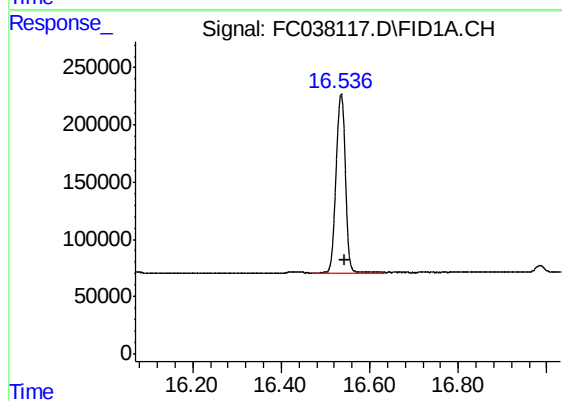
#14 n-Tetracosane (C24)

R.T.: 14.574 min
Delta R.T.: -0.007 min
Response: 2268613
Conc: 19.76 ug/ml



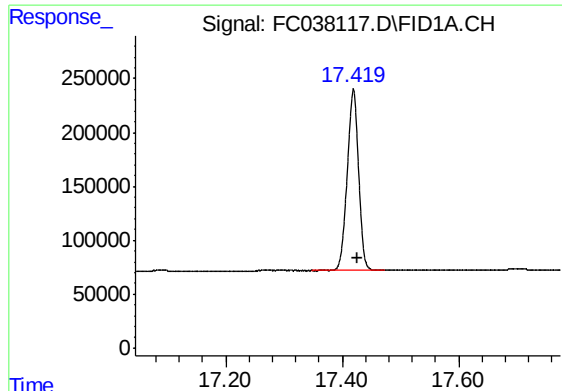
#15 n-Hexacosane (C26)

R.T.: 15.589 min
Delta R.T.: -0.008 min
Response: 2249309
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

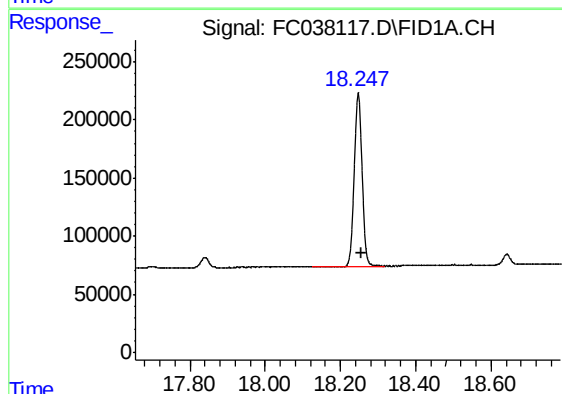
R.T.: 16.535 min
Delta R.T.: -0.007 min
Response: 2279128
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

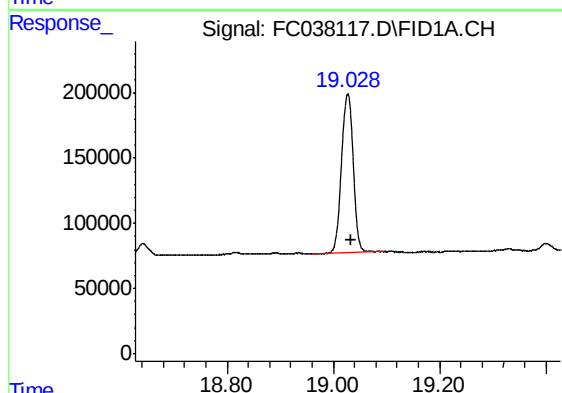
R.T.: 17.419 min
Delta R.T.: -0.006 min
Response: 2264051
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :



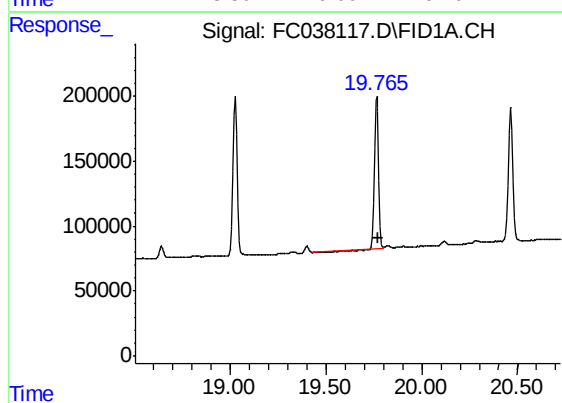
#18 n-Dotriacontane (C32)

R.T.: 18.247 min
Delta R.T.: -0.007 min
Response: 2153952
Conc: 21.03 ug/ml



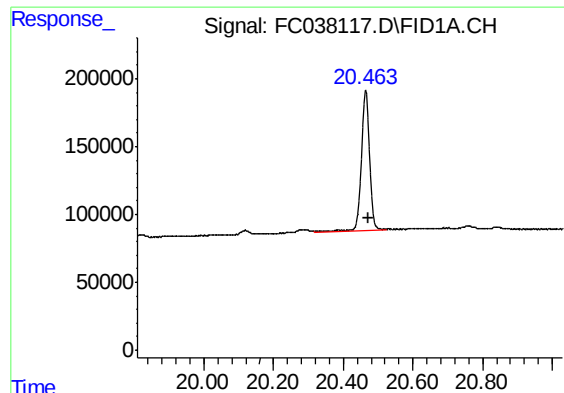
#19 n-Tetratriacontane (C34)

R.T.: 19.027 min
Delta R.T.: -0.008 min
Response: 1871777
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

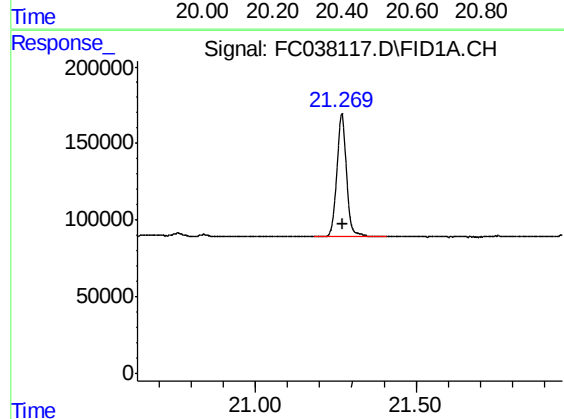
R.T.: 19.765 min
Delta R.T.: -0.006 min
Response: 1654402
Conc: 21.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.007 min
Response: 1649055
Conc: 21.31 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.269 min
Delta R.T.: -0.005 min
Response: 1664436
Conc: 19.05 ug/ml