

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012420AL\
 Data File : FC045449.D
 Signal(s) : FID1A.CH
 Acq On : 24 Jan 2020 9:31
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 25 01:19:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.754	2372184	21.579 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
12) S 1-chlorooctadecane (S...	13.176	1867322	21.477 ug/ml
Spiked Amount 50.000		Recovery =	42.95%
Target Compounds			
1) T n-Nonane (C9)	3.514	2124363	21.963 ug/ml
2) T n-Decane (C10)	4.586	2139669	22.092 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2363039	22.125 ug/ml
4) T n-Dodecane (C12)	6.602	2173392	22.232 ug/ml
5) T A~2-methylnaphthalene...	7.239	2390857	22.304 ug/ml
6) T n-Tetradecane (C14)	8.390	2183611	22.159 ug/ml
7) T n-Hexadecane (C16)	9.986	2199597	21.971 ug/ml
8) T n-Octadecane (C18)	11.424	2216468	21.761 ug/ml
10) T n-Eicosane (C20)	12.730	2210689	21.556 ug/ml
11) T n-Heneicosane (C21)	13.339	2222251	21.469 ug/ml
13) T n-Docosane (C22)	13.925	2208023	21.400 ug/ml
14) T n-Tetracosane (C24)	15.024	2207428	21.243 ug/ml
15) T n-Hexacosane (C26)	16.043	2180438	21.105 ug/ml
16) T n-Octacosane (C28)	16.988	2148517	21.020 ug/ml
17) T n-Tricontane (C30)	17.872	2061374	20.998 ug/ml
18) T n-Dotriacontane (C32)	18.702	1727534	20.761 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1429934	20.206 ug/ml
20) T n-Hexatriacontane (C36)	20.221	1270048	19.808 ug/ml
21) T n-Octatriacontane (C38)	20.987	1138693	19.468 ug/ml
22) T n-Tetracontane (C40)	21.952	1138210	19.294 ug/ml

(f)=RT Delta > 1/2 Window

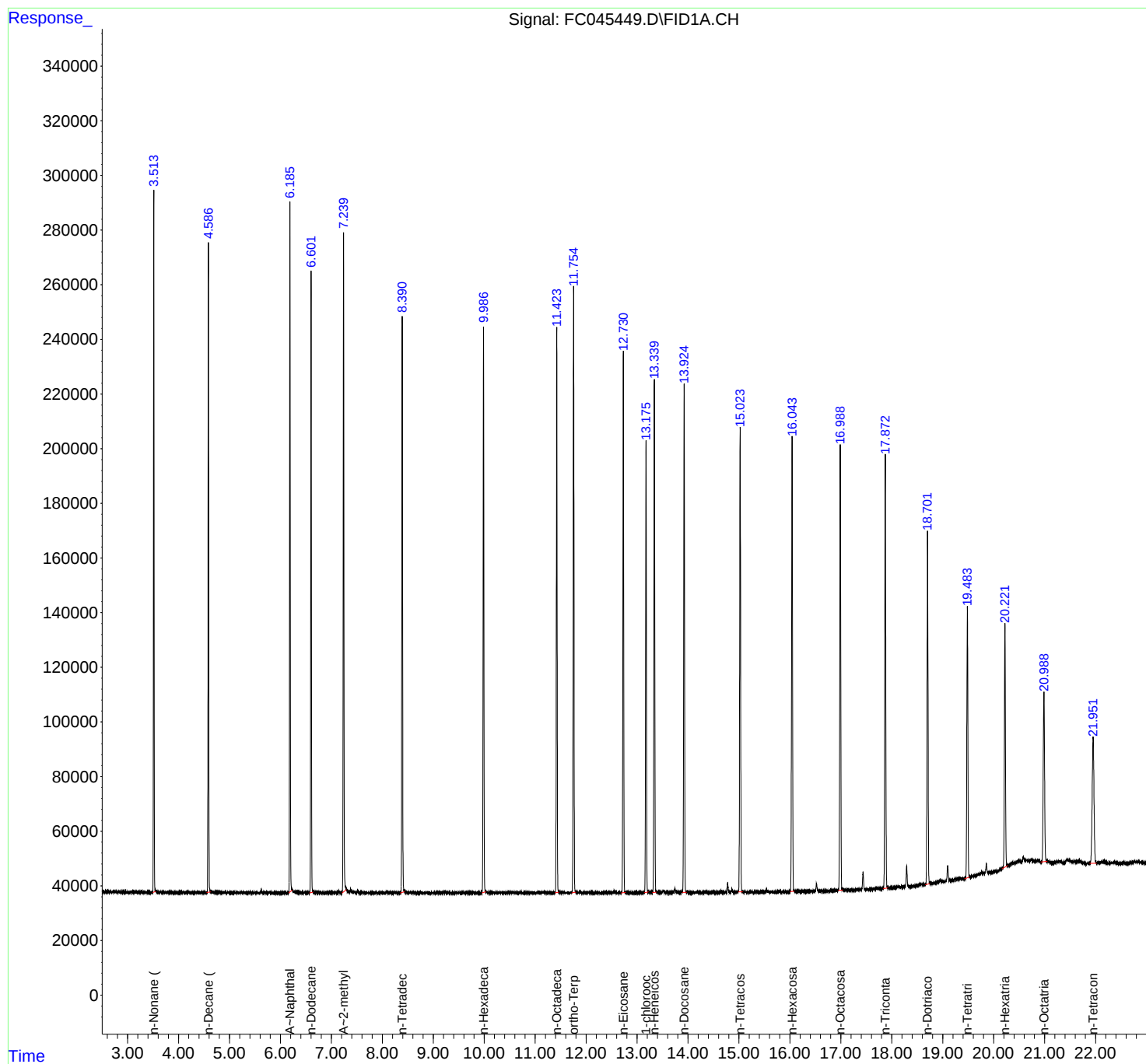
(m)=manual int.

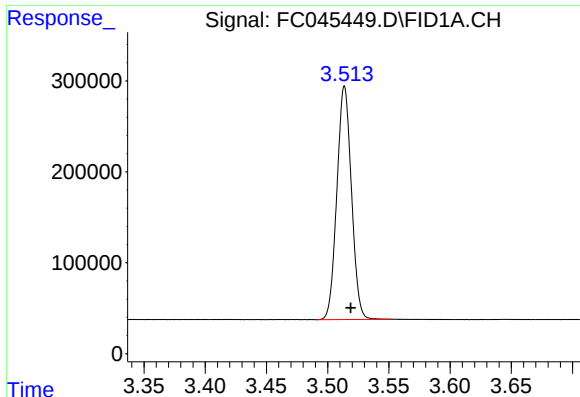
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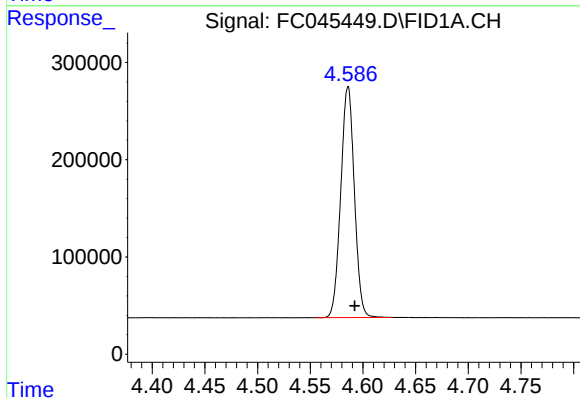




#1 n-Nonane (C9)

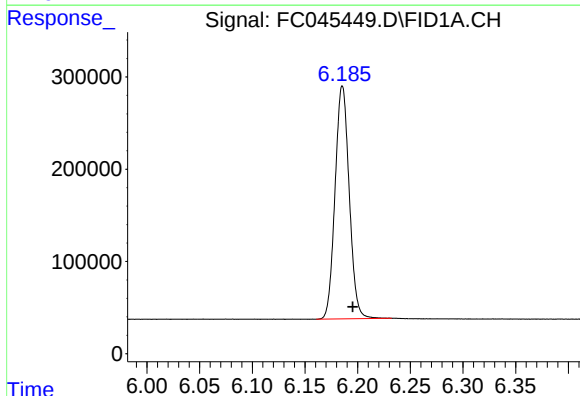
R.T.: 3.514 min
Delta R.T.: -0.005 min
Response: 2124363
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :



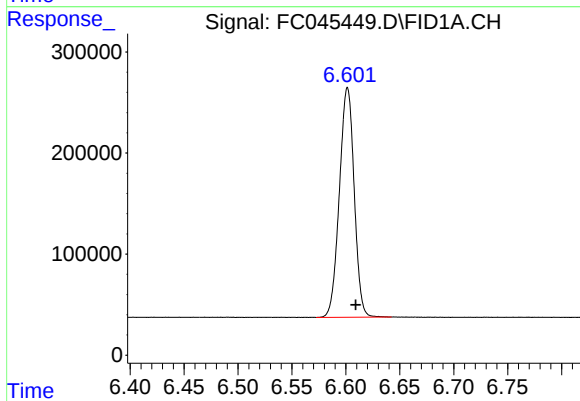
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.006 min
Response: 2139669
Conc: 22.09 ug/ml



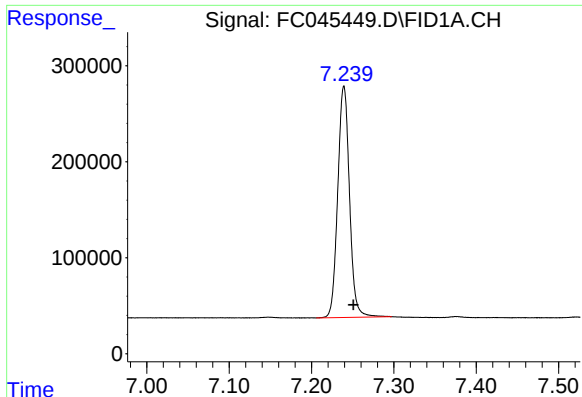
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.010 min
Response: 2363039
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

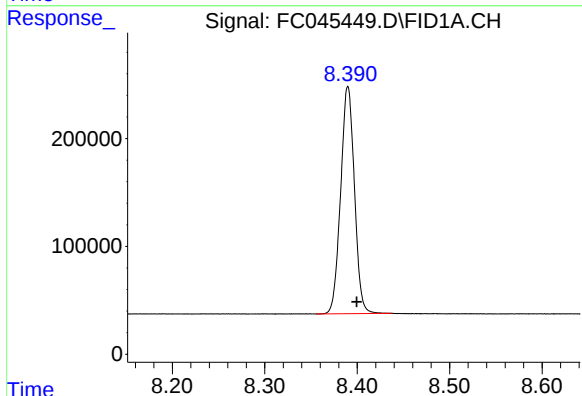
R.T.: 6.602 min
Delta R.T.: -0.008 min
Response: 2173392
Conc: 22.23 ug/ml



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

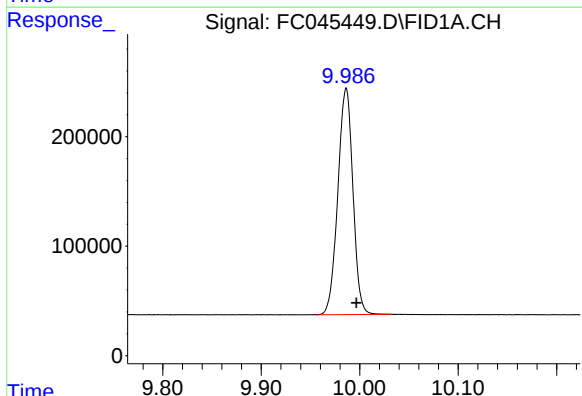
R.T.: 7.239 min
Delta R.T.: -0.011 min
Response: 2390857
Conc: 22.30 ug/ml

Instrument :
FID_C
ClientSampleId :



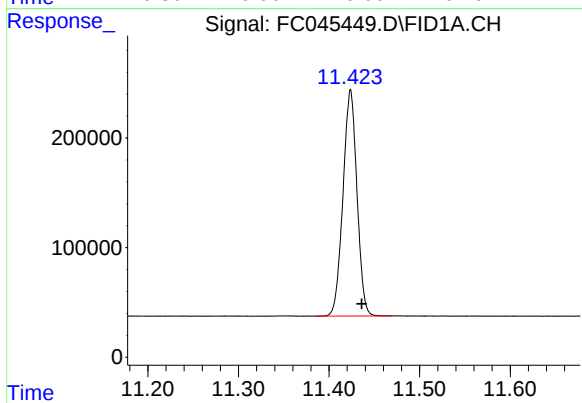
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: -0.009 min
Response: 2183611
Conc: 22.16 ug/ml



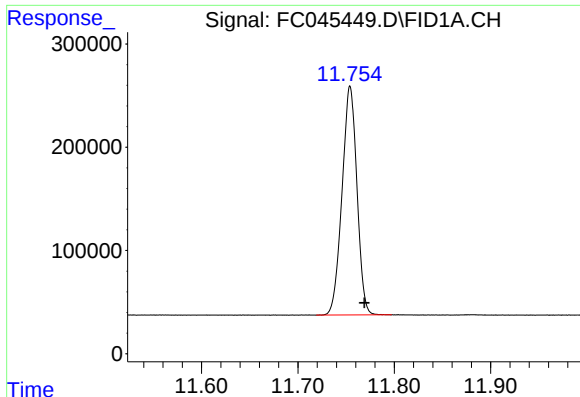
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: -0.010 min
Response: 2199597
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

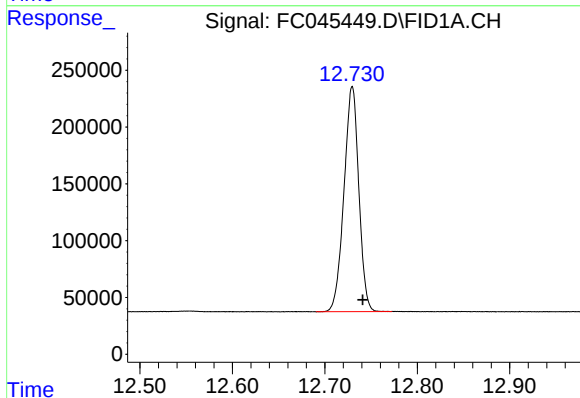
R.T.: 11.424 min
Delta R.T.: -0.012 min
Response: 2216468
Conc: 21.76 ug/ml



#9 ortho-Terphenyl (SURR)

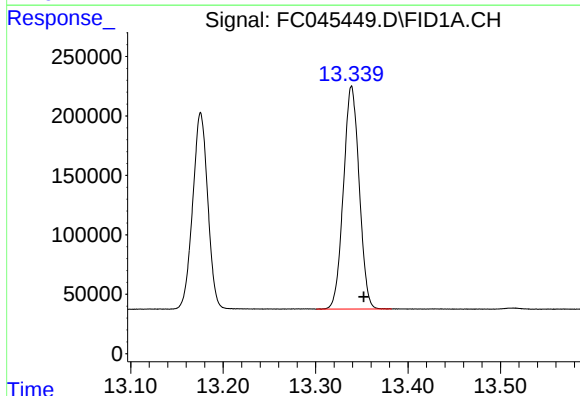
R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 2372184
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :



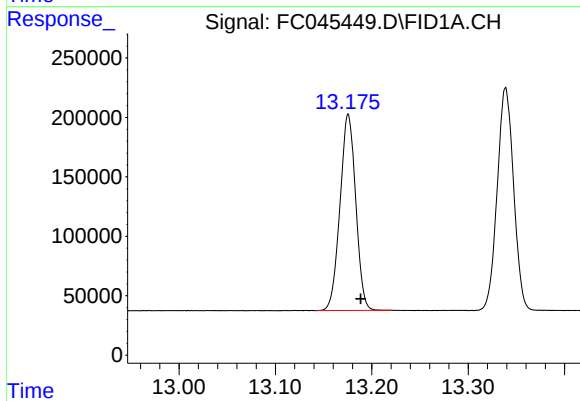
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: -0.011 min
Response: 2210689
Conc: 21.56 ug/ml



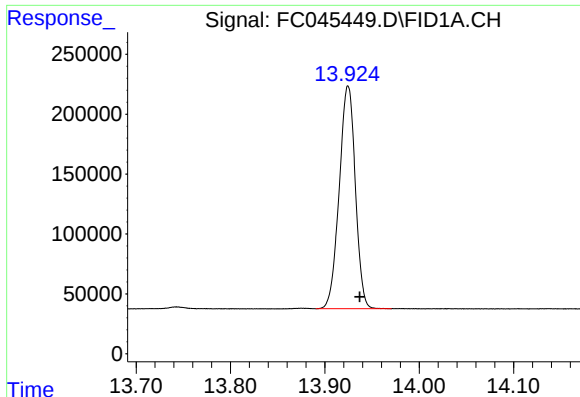
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.013 min
Response: 2222251
Conc: 21.47 ug/ml



#12 1-chlorooctadecane (SURR)

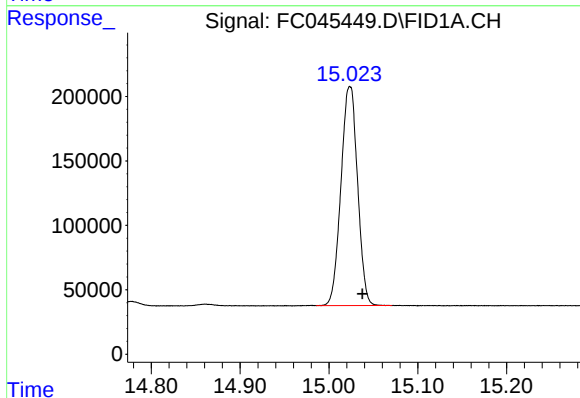
R.T.: 13.176 min
Delta R.T.: -0.013 min
Response: 1867322
Conc: 21.48 ug/ml



#13 n-Docosane (C22)

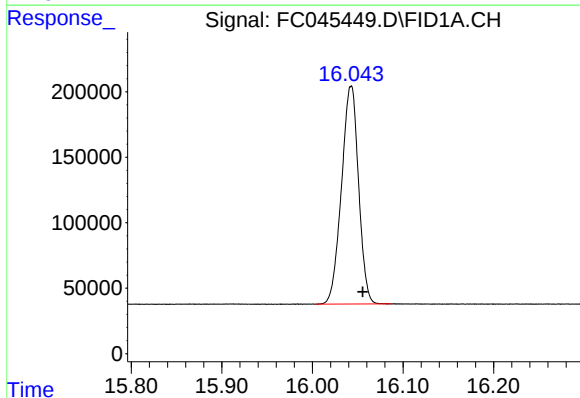
R.T.: 13.925 min
Delta R.T.: -0.012 min
Response: 2208023
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :



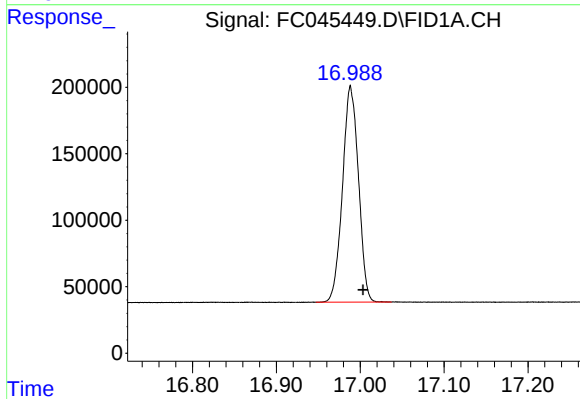
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: -0.014 min
Response: 2207428
Conc: 21.24 ug/ml



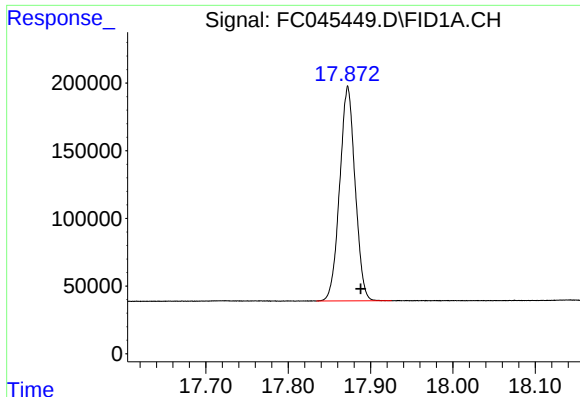
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.013 min
Response: 2180438
Conc: 21.10 ug/ml



#16 n-Octacosane (C28)

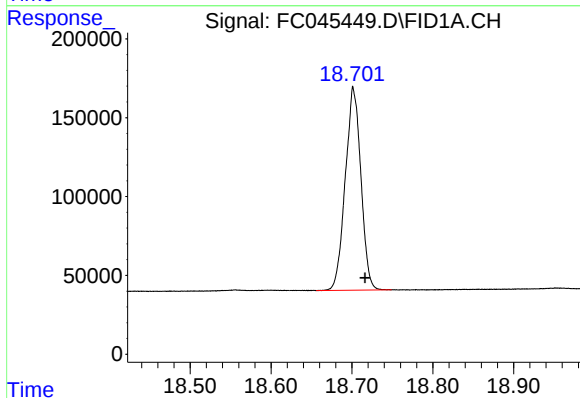
R.T.: 16.988 min
Delta R.T.: -0.015 min
Response: 2148517
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

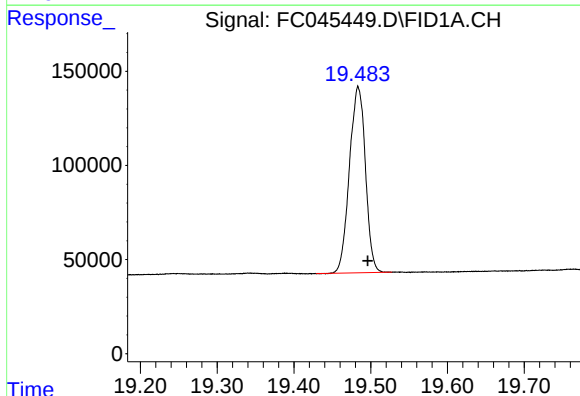
R.T.: 17.872 min
Delta R.T.: -0.016 min
Response: 2061374
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :



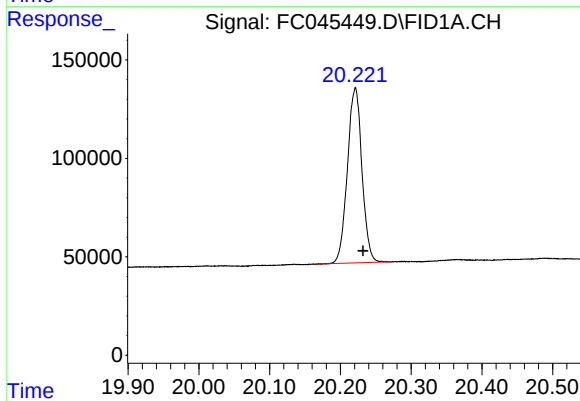
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.015 min
Response: 1727534
Conc: 20.76 ug/ml



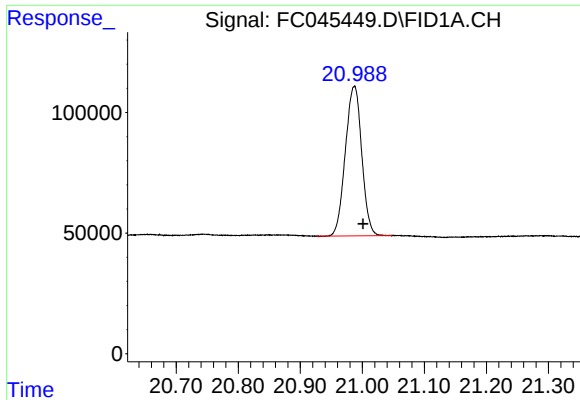
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.012 min
Response: 1429934
Conc: 20.21 ug/ml



#20 n-Hexatriacontane (C36)

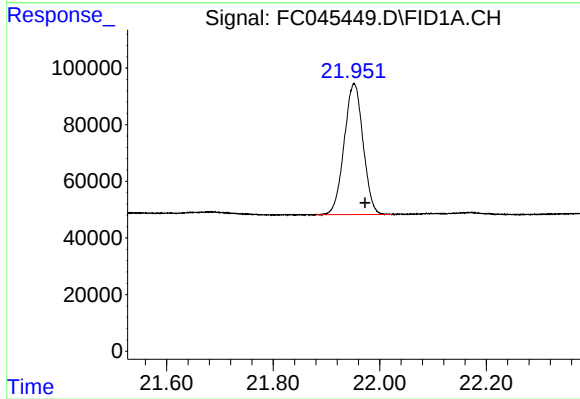
R.T.: 20.221 min
Delta R.T.: -0.011 min
Response: 1270048
Conc: 19.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.987 min
Delta R.T.: -0.014 min
Response: 1138693
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: -0.021 min
Response: 1138210
Conc: 19.29 ug/ml