

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010421AL\
 Data File : FC051549.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jan 2021 22:30
 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 05 02:34:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.561	2249235	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	12.996	1739882	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.322	2126365	21.553 ug/ml
2) T n-Decane (C10)	4.389	2137582	21.618 ug/ml
3) T A~Naphthalene (C11.7)	5.981	2223086	21.257 ug/ml
4) T n-Dodecane (C12)	6.407	2193566	21.457 ug/ml
5) T A~2-methylnaphthalene...	7.038	2180860	20.762 ug/ml
6) T n-Tetradecane (C14)	8.201	2140039	21.096 ug/ml
7) T n-Hexadecane (C16)	9.801	2080431	20.656 ug/ml
8) T n-Octadecane (C18)	11.243	2142700	20.090 ug/ml
10) T n-Eicosane (C20)	12.550	2111634	19.608 ug/ml
11) T n-Heneicosane (C21)	13.162	2079499	19.387 ug/ml
13) T n-Docosane (C22)	13.748	2044153	19.141 ug/ml
14) T n-Tetracosane (C24)	14.849	1989065	18.793 ug/ml
15) T n-Hexacosane (C26)	15.868	1938673	18.717 ug/ml
16) T n-Octacosane (C28)	16.817	1930888	18.965 ug/ml
17) T n-Tricontane (C30)	17.702	1914249	19.438 ug/ml
18) T n-Dotriacontane (C32)	18.532	1818640	20.074 ug/ml
19) T n-Tetratriacontane (C34)	19.314	1758992	20.695 ug/ml
20) T n-Hexatriacontane (C36)	20.052	1705702	20.116 ug/ml
21) T n-Octatriacontane (C38)	20.782	1618909	21.146 ug/ml
22) T n-Tetracontane (C40)	21.690	1649458	20.858 ug/ml

(f)=RT Delta > 1/2 Window

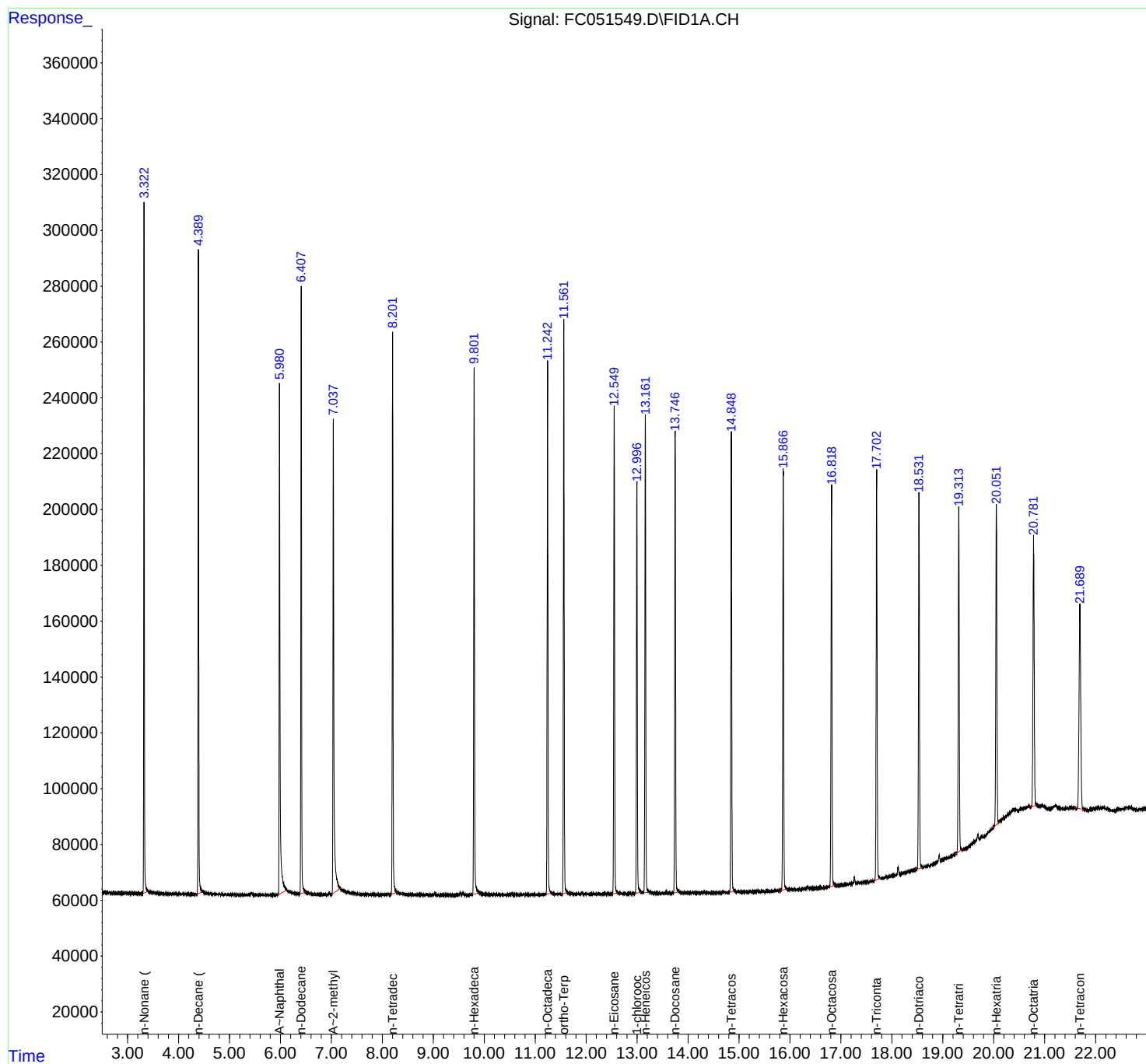
(m)=manual int.

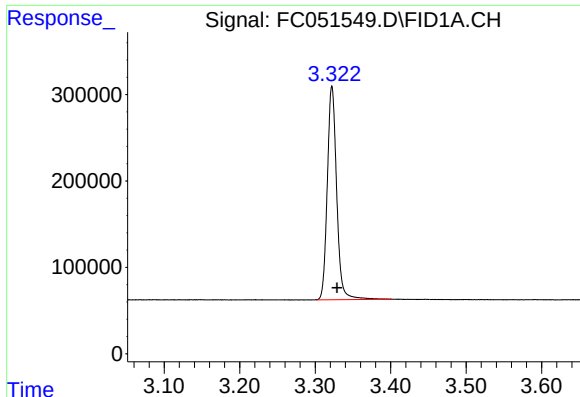
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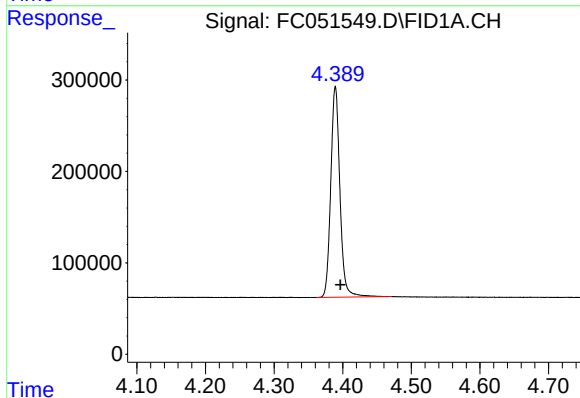




#1 n-Nonane (C9)

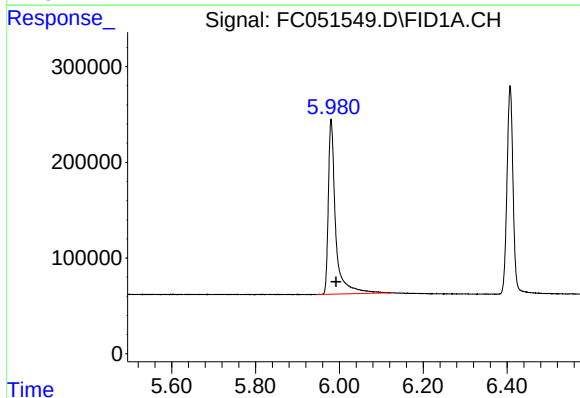
R.T.: 3.322 min
Delta R.T.: -0.007 min
Response: 2126365
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :



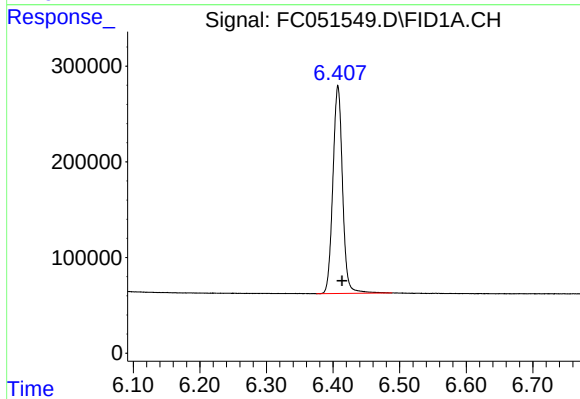
#2 n-Decane (C10)

R.T.: 4.389 min
Delta R.T.: -0.007 min
Response: 2137582
Conc: 21.62 ug/ml



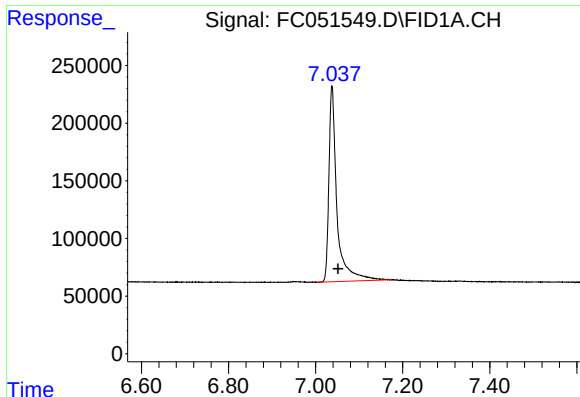
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.011 min
Response: 2223086
Conc: 21.26 ug/ml



#4 n-Dodecane (C12)

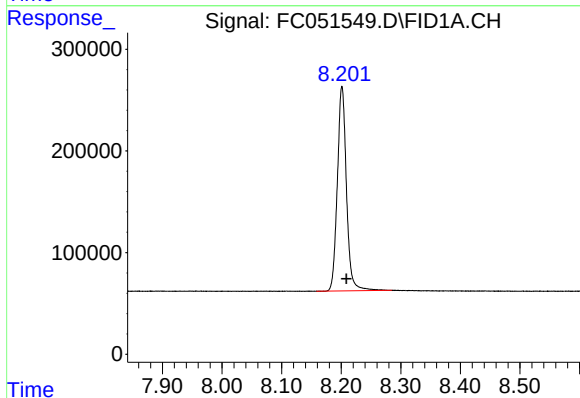
R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 2193566
Conc: 21.46 ug/ml



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

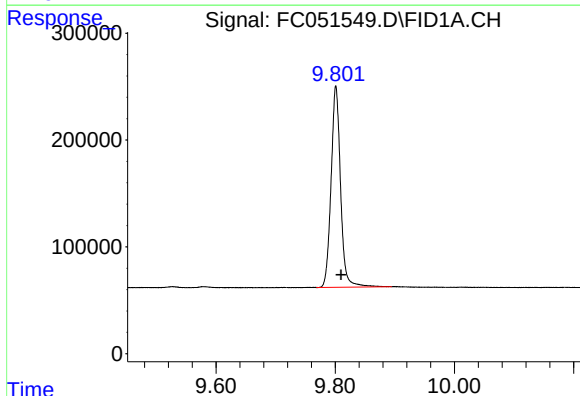
R.T.: 7.038 min
Delta R.T.: -0.014 min
Response: 2180860
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :



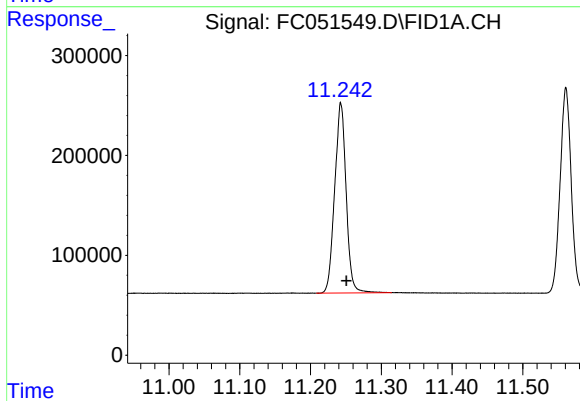
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 2140039
Conc: 21.10 ug/ml



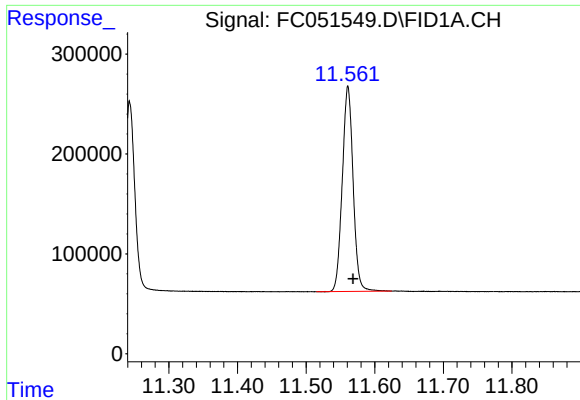
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.009 min
Response: 2080431
Conc: 20.66 ug/ml



#8 n-Octadecane (C18)

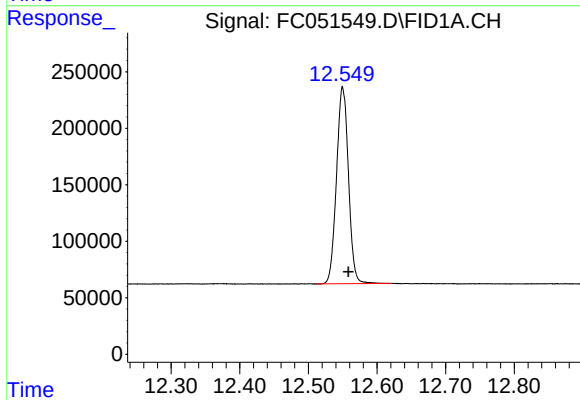
R.T.: 11.243 min
Delta R.T.: -0.008 min
Response: 2142700
Conc: 20.09 ug/ml



#9 ortho-Terphenyl (SURR)

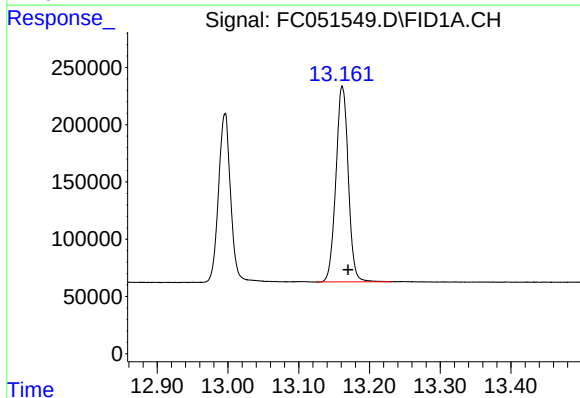
R.T.: 11.561 min
Delta R.T.: -0.007 min
Response: 2249235
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :



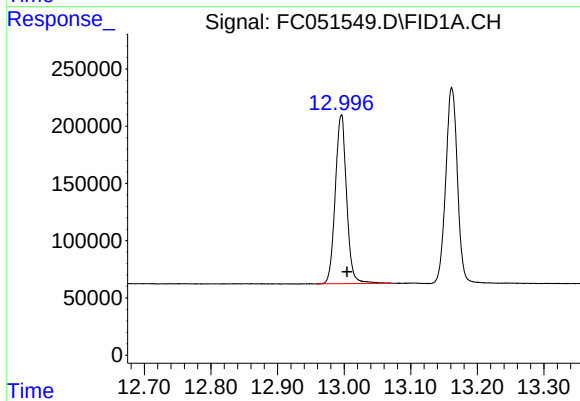
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.008 min
Response: 2111634
Conc: 19.61 ug/ml



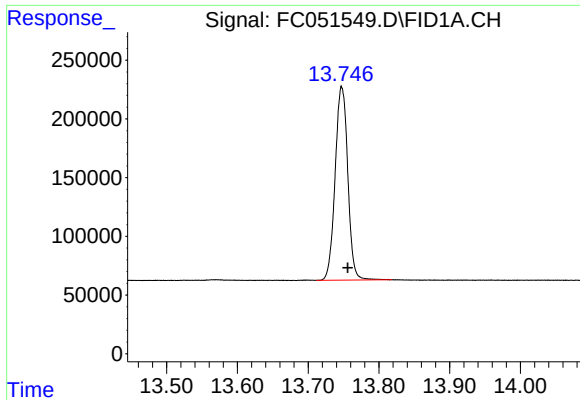
#11 n-Heneicosane (C21)

R.T.: 13.162 min
Delta R.T.: -0.008 min
Response: 2079499
Conc: 19.39 ug/ml



#12 1-chlorooctadecane (SURR)

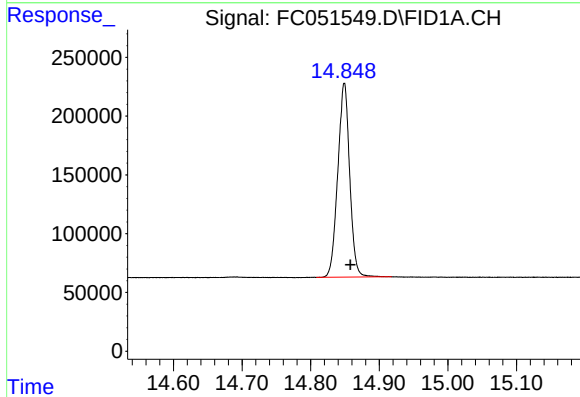
R.T.: 12.996 min
Delta R.T.: -0.009 min
Response: 1739882
Conc: 19.29 ug/ml



#13 n-Docosane (C22)

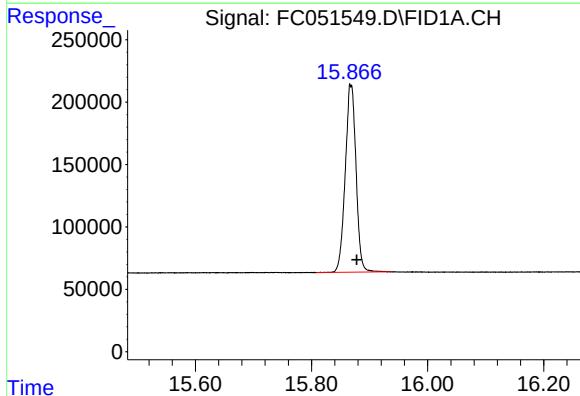
R.T.: 13.748 min
Delta R.T.: -0.008 min
Response: 2044153
Conc: 19.14 ug/ml

Instrument :
FID_C
ClientSampleId :



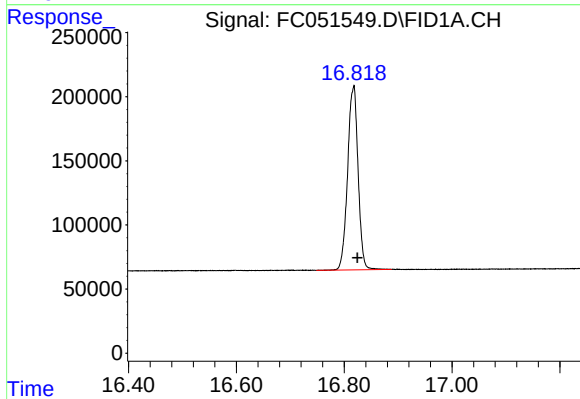
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.009 min
Response: 1989065
Conc: 18.79 ug/ml



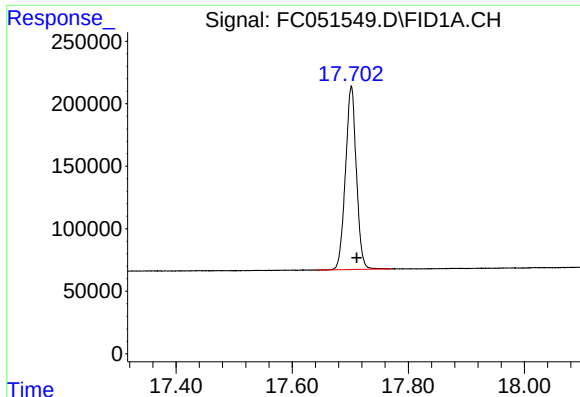
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.010 min
Response: 1938673
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

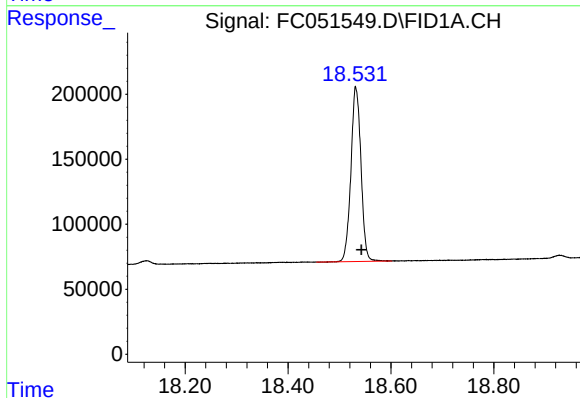
R.T.: 16.817 min
Delta R.T.: -0.008 min
Response: 1930888
Conc: 18.96 ug/ml



#17 n-Tricontane (C30)

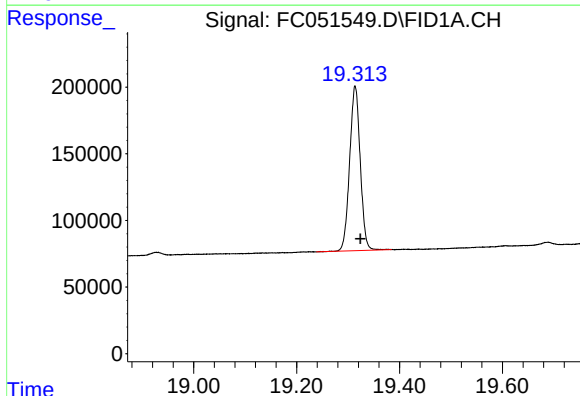
R.T.: 17.702 min
Delta R.T.: -0.009 min
Response: 1914249
Conc: 19.44 ug/ml

Instrument :
FID_C
ClientSampleId :



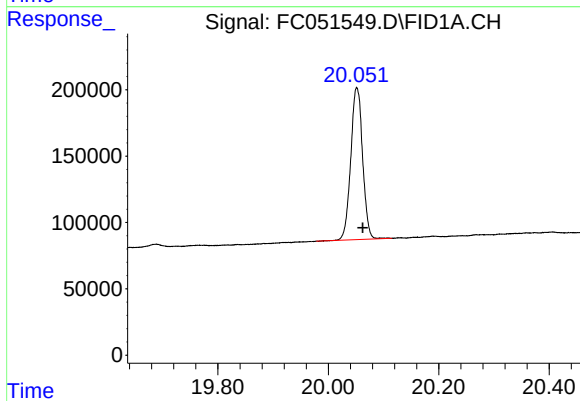
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.010 min
Response: 1818640
Conc: 20.07 ug/ml



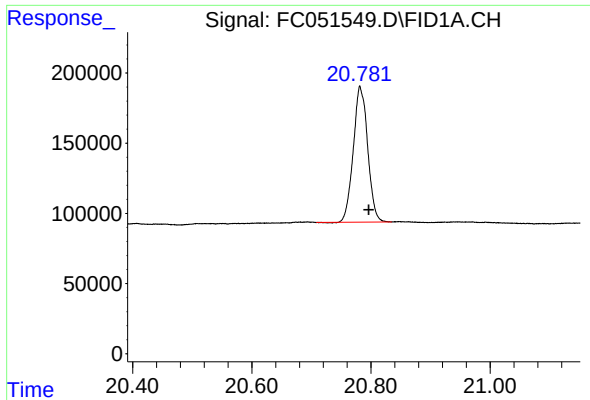
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.010 min
Response: 1758992
Conc: 20.69 ug/ml



#20 n-Hexatriacontane (C36)

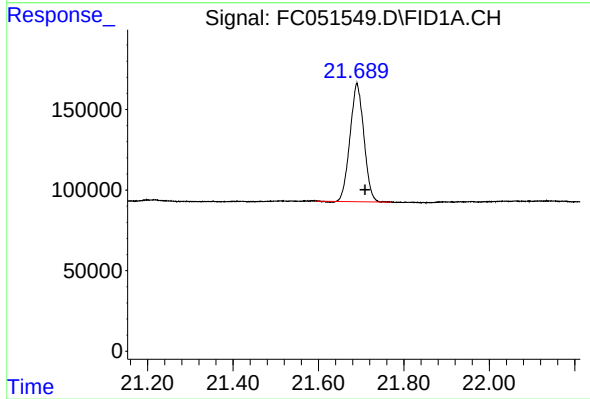
R.T.: 20.052 min
Delta R.T.: -0.010 min
Response: 1705702
Conc: 20.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.014 min
Response: 1618909
Conc: 21.15 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.690 min
Delta R.T.: -0.019 min
Response: 1649458
Conc: 20.86 ug/ml