

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032421AL\
 Data File : FC052707.D
 Signal(s) : FID1A.CH
 Acq On : 25 Mar 2021 8:13
 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: Mar 25 08:51:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.567	2468397	18.415 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.005	1912086	17.728 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
Target Compounds			
1) T n-Nonane (C9)	3.325	2410843	20.756 ug/ml
2) T n-Decane (C10)	4.391	2443475	20.851 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2703072	20.646 ug/ml
4) T n-Dodecane (C12)	6.410	2496256	20.791 ug/ml
5) T A~2-methylnaphthalene...	7.035	2748654	20.534 ug/ml
6) T n-Tetradecane (C14)	8.208	2479774	20.503 ug/ml
7) T n-Hexadecane (C16)	9.808	2399352	19.950 ug/ml
8) T n-Octadecane (C18)	11.251	2415153	19.142 ug/ml
10) T n-Eicosane (C20)	12.559	2326918	18.223 ug/ml
11) T n-Heneicosane (C21)	13.171	2262635	17.801 ug/ml
13) T n-Docosane (C22)	13.758	2195948	17.335 ug/ml
14) T n-Tetracosane (C24)	14.861	2078008	16.635 ug/ml
15) T n-Hexacosane (C26)	15.881	1961498	16.290 ug/ml
16) T n-Octacosane (C28)	16.831	1885570	16.354 ug/ml
17) T n-Tricontane (C30)	17.718	1851399	16.993 ug/ml
18) T n-Dotriacontane (C32)	18.549	1813554	18.074 ug/ml
19) T n-Tetratriacontane (C34)	19.331	1812199	19.715 ug/ml
20) T n-Hexatriacontane (C36)	20.070	1776046	19.477 ug/ml
21) T n-Octatriacontane (C38)	20.802	1737623	21.290 ug/ml
22) T n-Tetracontane (C40)	21.709	1812112	21.037 ug/ml

(f)=RT Delta > 1/2 Window

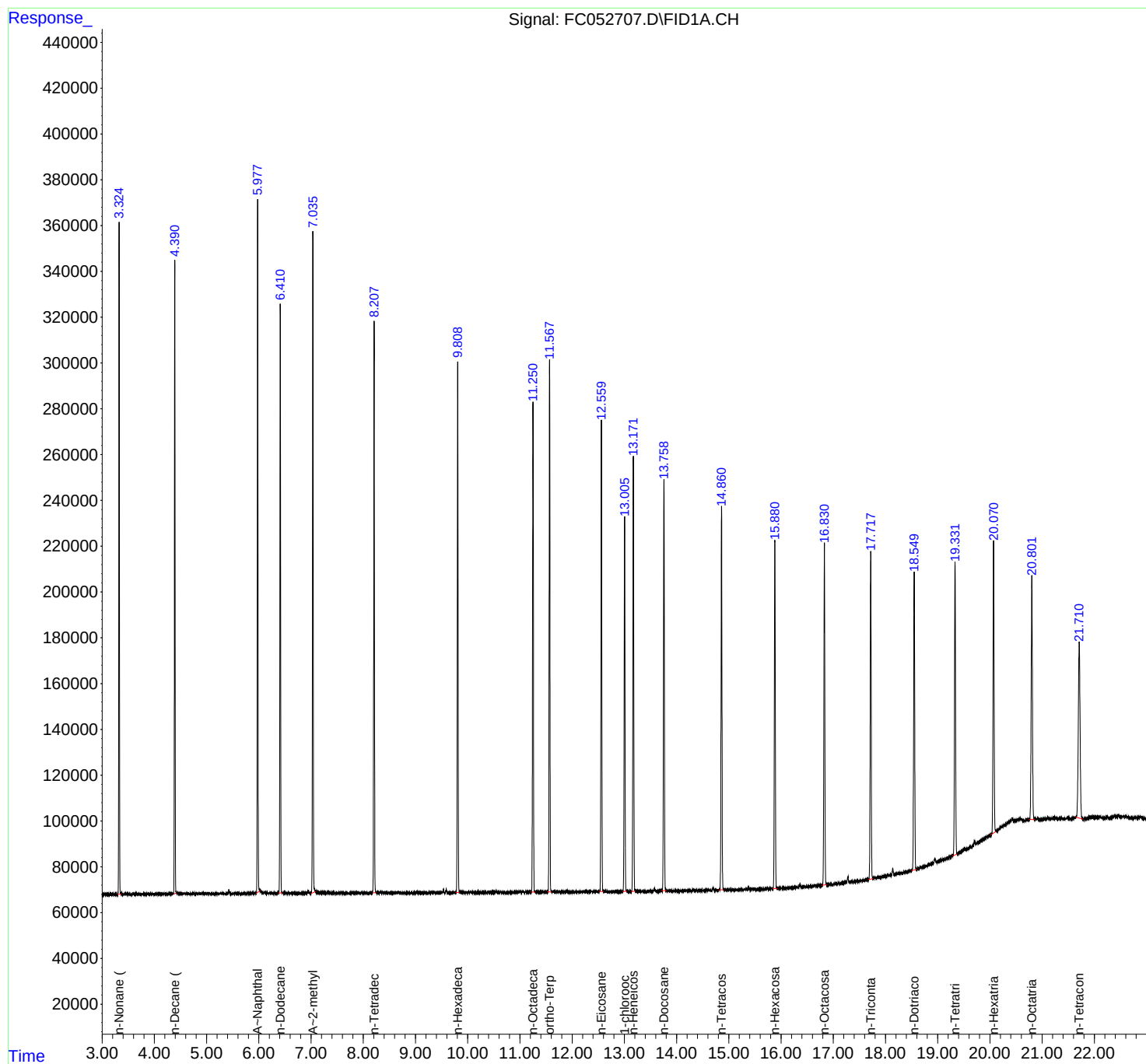
(m)=manual int.

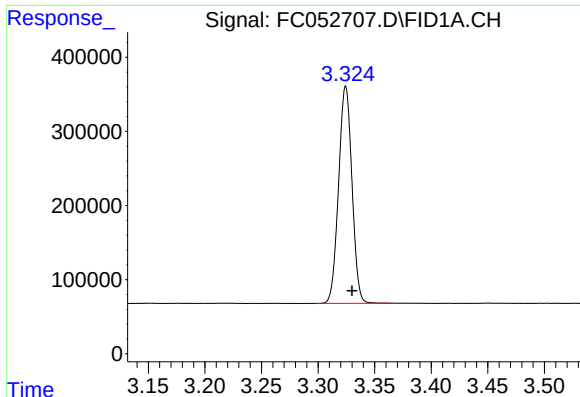
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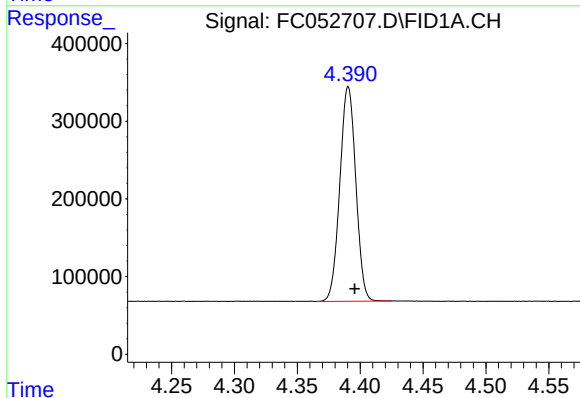




#1 n-Nonane (C9)

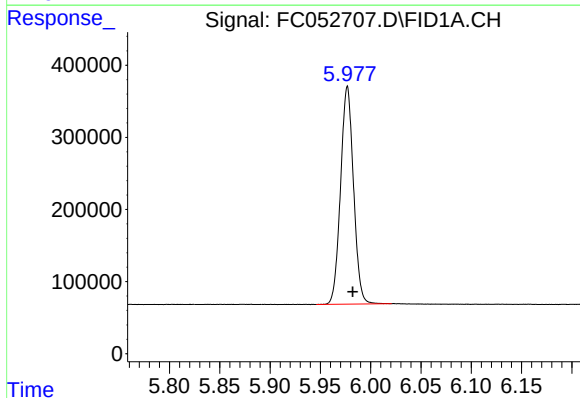
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 2410843
Conc: 20.76 ug/ml

Instrument :
FID_C
ClientSampleId :



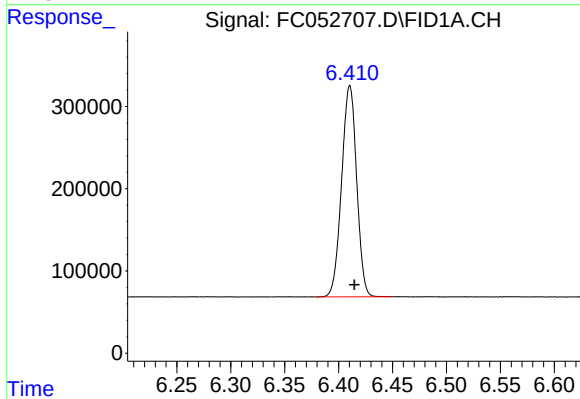
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2443475
Conc: 20.85 ug/ml



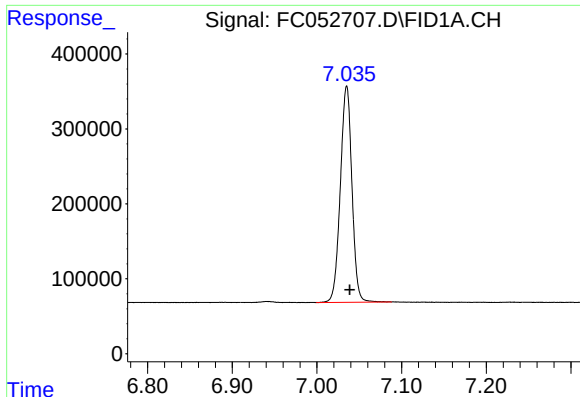
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 2703072
Conc: 20.65 ug/ml



#4 n-Dodecane (C12)

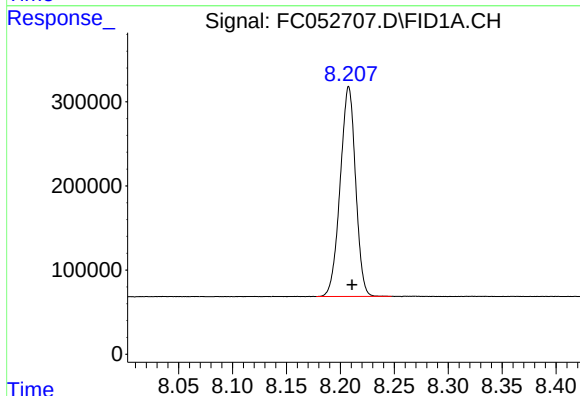
R.T.: 6.410 min
Delta R.T.: -0.004 min
Response: 2496256
Conc: 20.79 ug/ml



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

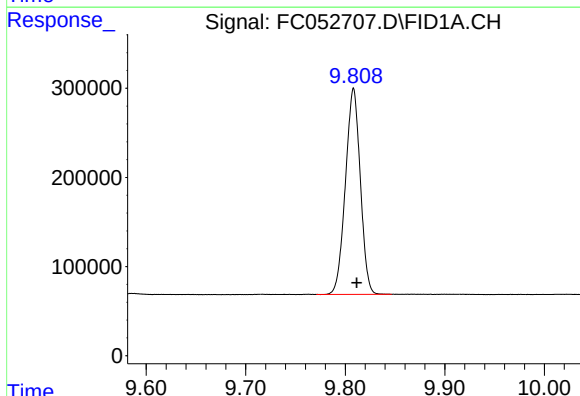
R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 2748654
Conc: 20.53 ug/ml

Instrument :
FID_C
ClientSampleId :



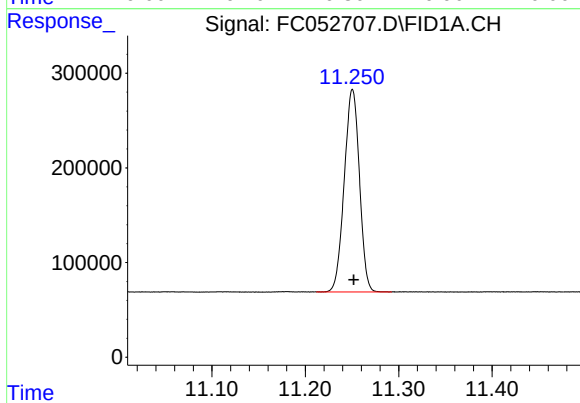
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 2479774
Conc: 20.50 ug/ml



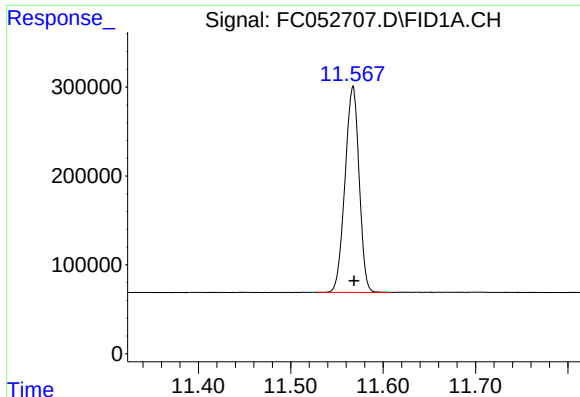
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.003 min
Response: 2399352
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

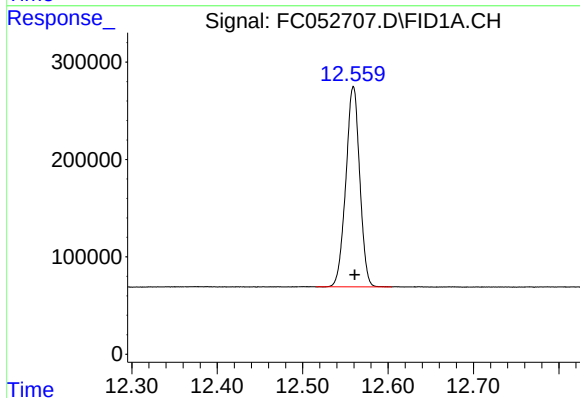
R.T.: 11.251 min
Delta R.T.: -0.001 min
Response: 2415153
Conc: 19.14 ug/ml



#9 ortho-Terphenyl (SURR)

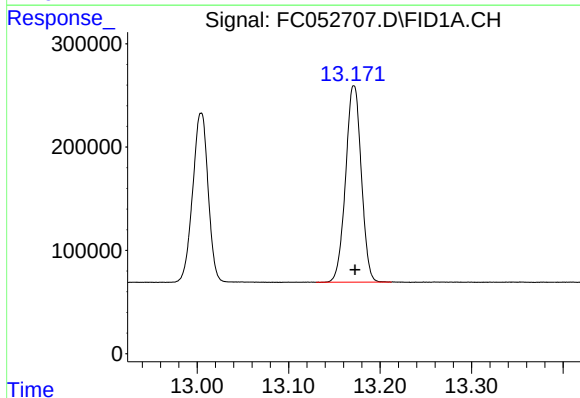
R.T.: 11.567 min
Delta R.T.: -0.001 min
Response: 2468397
Conc: 18.42 ug/ml

Instrument :
FID_C
ClientSampleId :



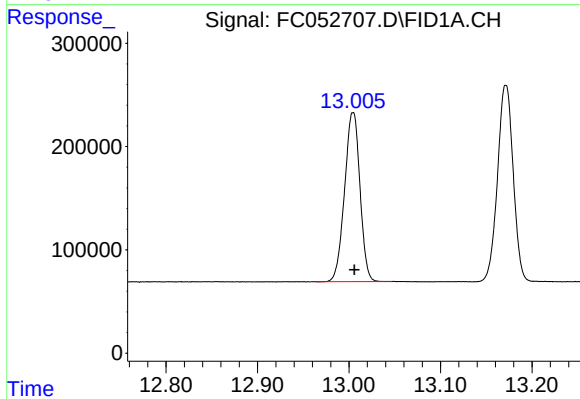
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.002 min
Response: 2326918
Conc: 18.22 ug/ml



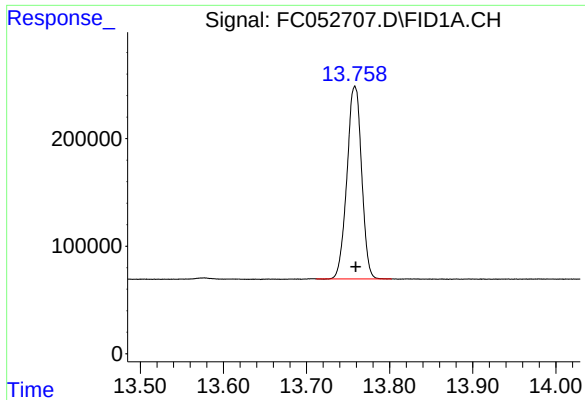
#11 n-Heneicosane (C21)

R.T.: 13.171 min
Delta R.T.: -0.001 min
Response: 2262635
Conc: 17.80 ug/ml



#12 1-chlorooctadecane (SURR)

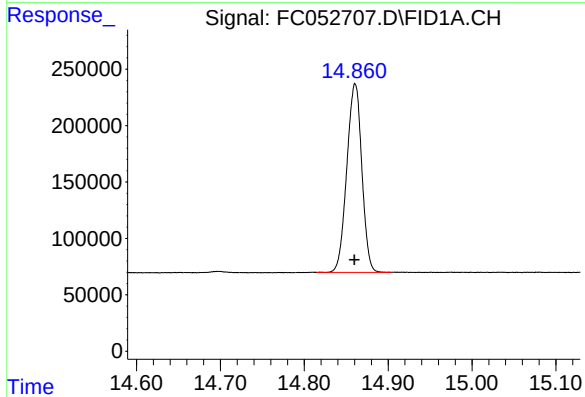
R.T.: 13.005 min
Delta R.T.: -0.002 min
Response: 1912086
Conc: 17.73 ug/ml



#13 n-Docosane (C22)

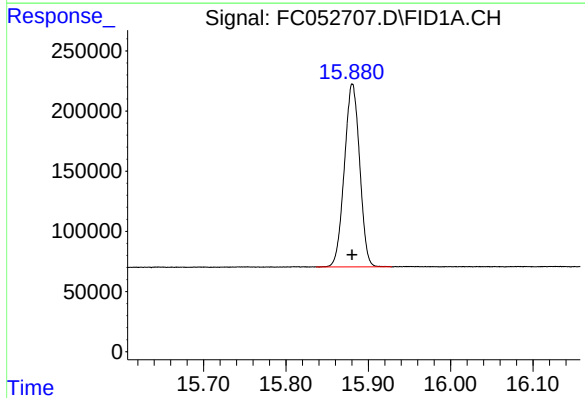
R.T.: 13.758 min
Delta R.T.: -0.001 min
Response: 2195948
Conc: 17.33 ug/ml

Instrument :
FID_C
ClientSampleId :



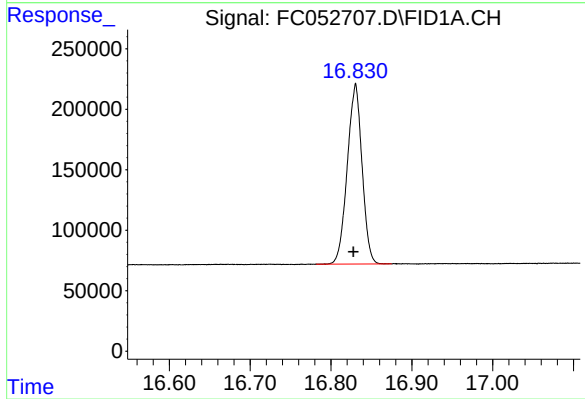
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: 0.001 min
Response: 2078008
Conc: 16.63 ug/ml



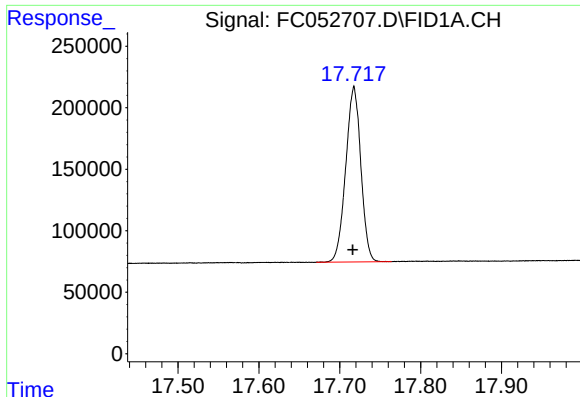
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 1961498
Conc: 16.29 ug/ml



#16 n-Octacosane (C28)

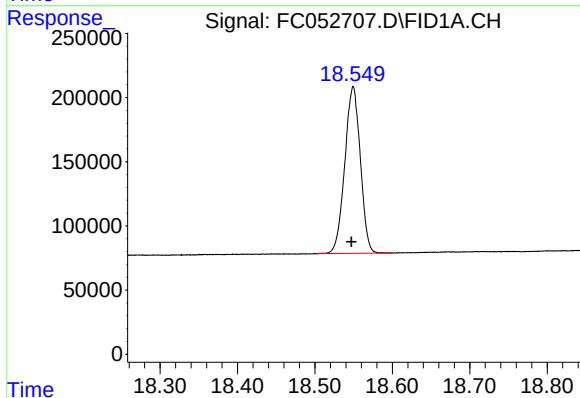
R.T.: 16.831 min
Delta R.T.: 0.003 min
Response: 1885570
Conc: 16.35 ug/ml



#17 n-Tricontane (C30)

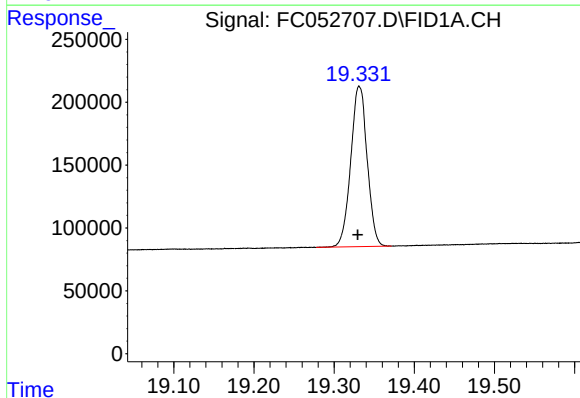
R.T.: 17.718 min
Delta R.T.: 0.002 min
Response: 1851399
Conc: 16.99 ug/ml

Instrument :
FID_C
ClientSampleId :



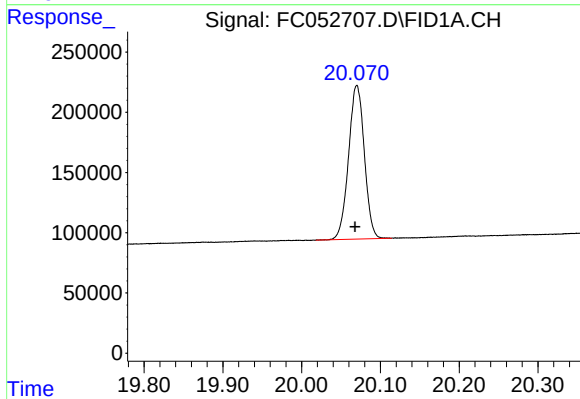
#18 n-Dotriacontane (C32)

R.T.: 18.549 min
Delta R.T.: 0.002 min
Response: 1813554
Conc: 18.07 ug/ml



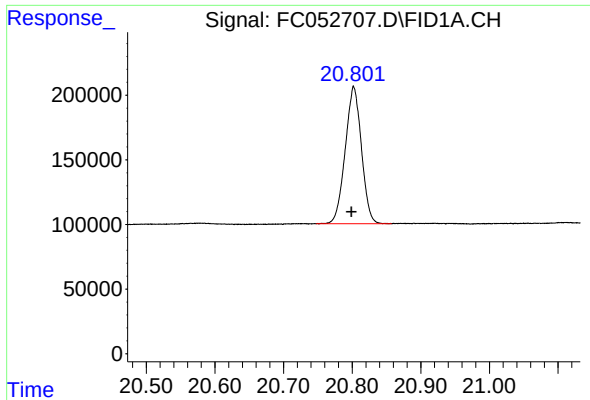
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.002 min
Response: 1812199
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

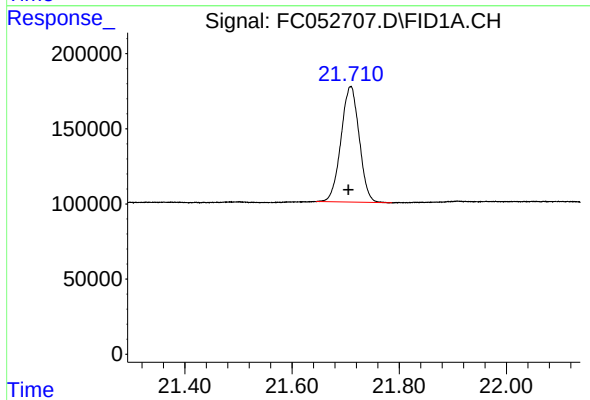
R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 1776046
Conc: 19.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: 0.003 min
Response: 1737623
Conc: 21.29 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.004 min
Response: 1812112
Conc: 21.04 ug/ml