

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120220AL\
 Data File : FC051075.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2020 23:32
 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: autoint1.e
 Quant Time: Dec 03 01:37:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.593	2473494	20.103 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.028	1917782	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.348	2356237	22.141 ug/ml
2) T n-Decane (C10)	4.416	2374769	22.360 ug/ml
3) T A~Naphthalene (C11.7)	6.008	2483297	22.089 ug/ml
4) T n-Dodecane (C12)	6.435	2422346	22.263 ug/ml
5) T A~2-methylnaphthalene...	7.066	2509706	22.207 ug/ml
6) T n-Tetradecane (C14)	8.231	2386640	22.058 ug/ml
7) T n-Hexadecane (C16)	9.831	2326222	21.677 ug/ml
8) T n-Octadecane (C18)	11.274	2392985	20.981 ug/ml
10) T n-Eicosane (C20)	12.582	2342876	20.168 ug/ml
11) T n-Heneicosane (C21)	13.194	2293461	19.795 ug/ml
13) T n-Docosane (C22)	13.779	2279251	19.679 ug/ml
14) T n-Tetracosane (C24)	14.881	2199792	19.127 ug/ml
15) T n-Hexacosane (C26)	15.901	2144563	19.047 ug/ml
16) T n-Octacosane (C28)	16.849	2112406	19.078 ug/ml
17) T n-Tricontane (C30)	17.736	2048801	19.287 ug/ml
18) T n-Dotriacontane (C32)	18.567	1935913	19.813 ug/ml
19) T n-Tetratriacontane (C34)	19.348	1816623	20.354 ug/ml
20) T n-Hexatriacontane (C36)	20.086	1743331	20.902 ug/ml
21) T n-Octatriacontane (C38)	20.826	1681602	21.594 ug/ml
22) T n-Tetracontane (C40)	21.744	1731267	20.909 ug/ml

(f)=RT Delta > 1/2 Window

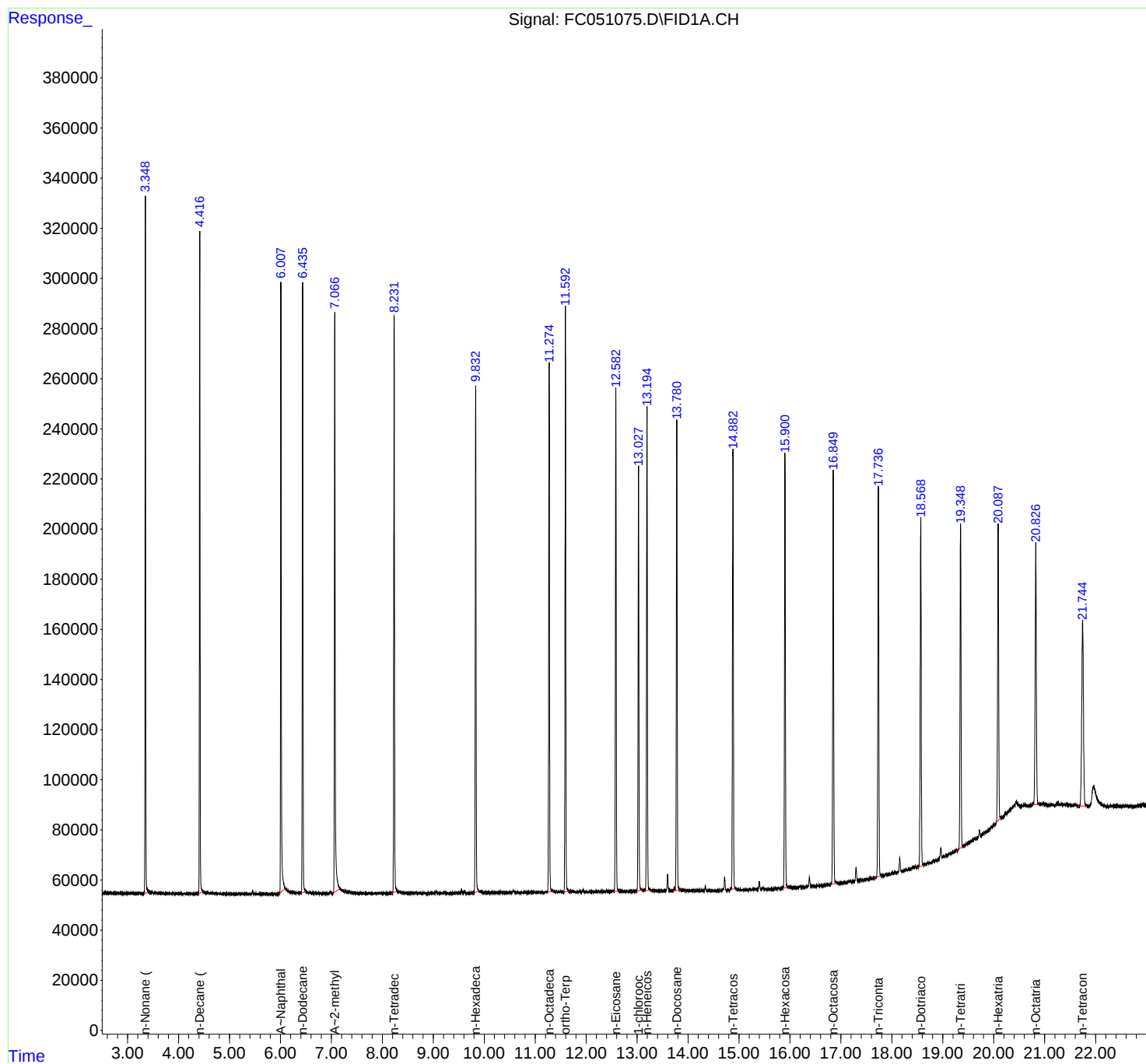
(m)=manual int.

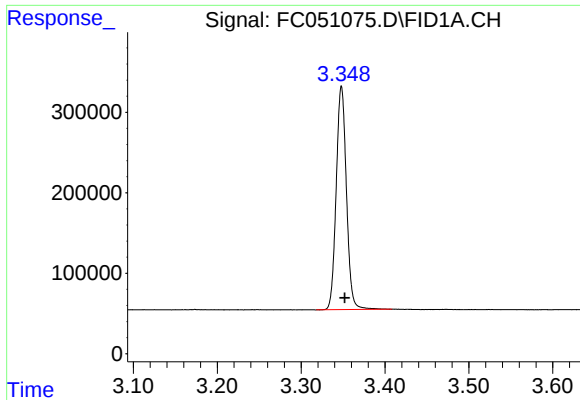
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120220AL\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

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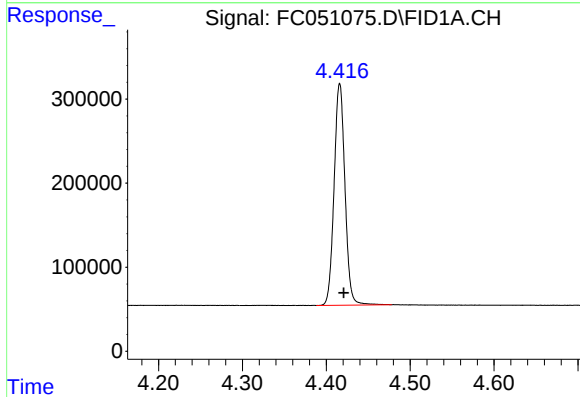




#1 n-Nonane (C9)

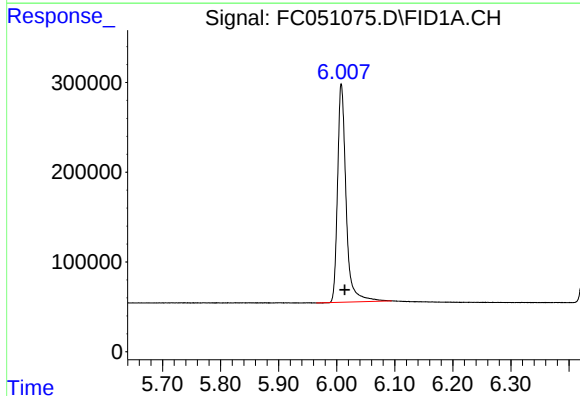
R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2356237
Conc: 22.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



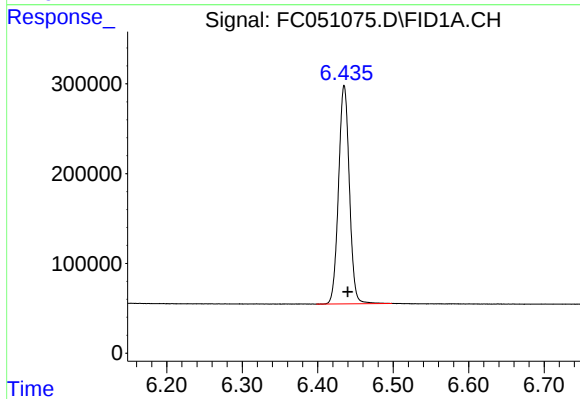
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.005 min
Response: 2374769
Conc: 22.36 ug/ml



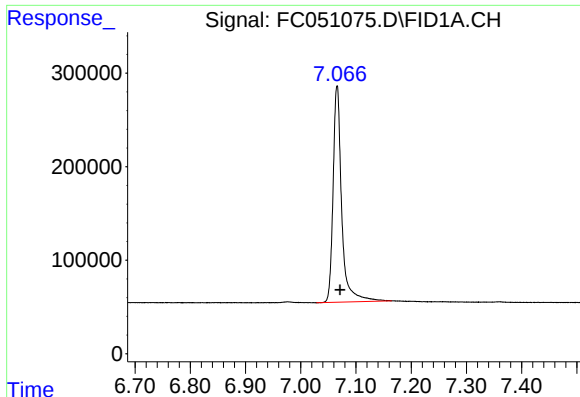
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.005 min
Response: 2483297
Conc: 22.09 ug/ml



#4 n-Dodecane (C12)

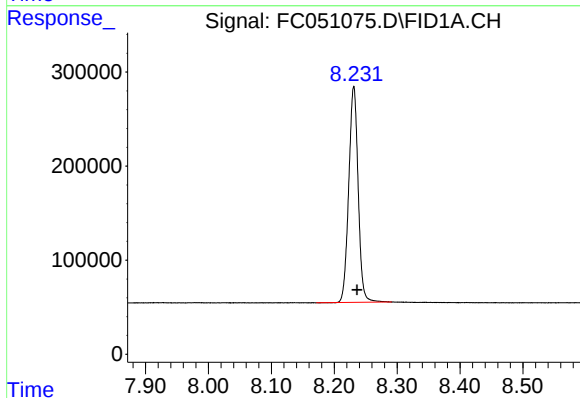
R.T.: 6.435 min
Delta R.T.: -0.005 min
Response: 2422346
Conc: 22.26 ug/ml



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

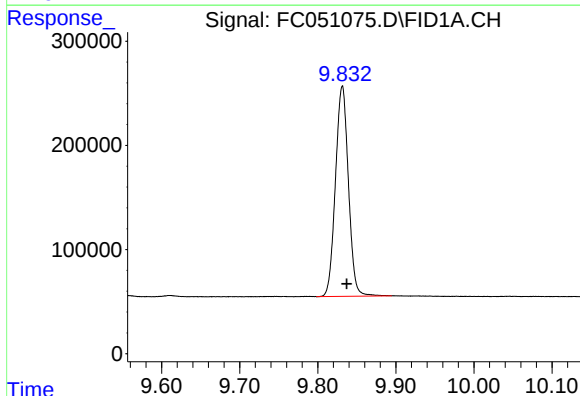
R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 2509706
Conc: 22.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



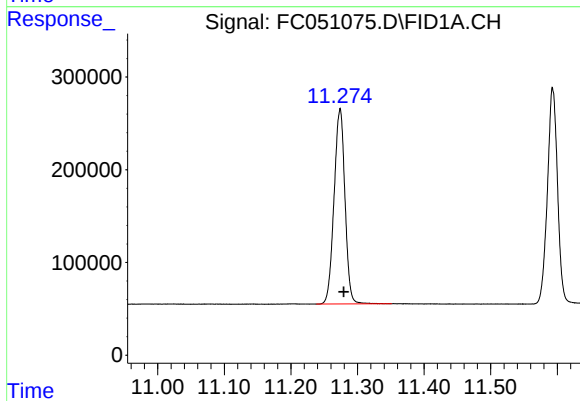
#6 n-Tetradecane (C14)

R.T.: 8.231 min
Delta R.T.: -0.005 min
Response: 2386640
Conc: 22.06 ug/ml



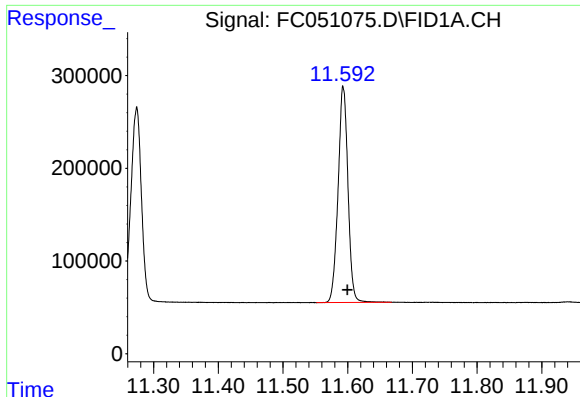
#7 n-Hexadecane (C16)

R.T.: 9.831 min
Delta R.T.: -0.006 min
Response: 2326222
Conc: 21.68 ug/ml



#8 n-Octadecane (C18)

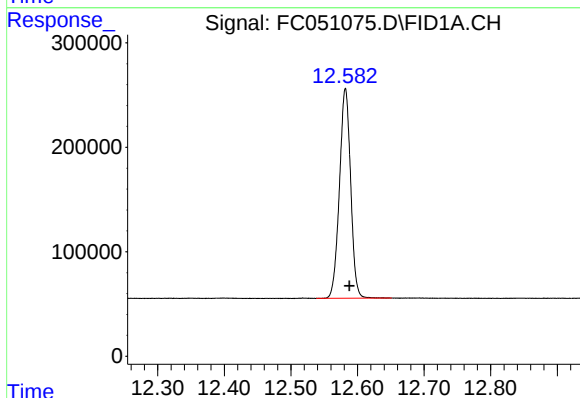
R.T.: 11.274 min
Delta R.T.: -0.006 min
Response: 2392985
Conc: 20.98 ug/ml



#9 ortho-Terphenyl (SURR)

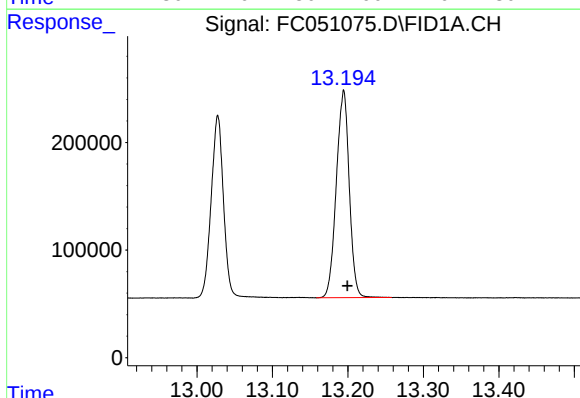
R.T.: 11.593 min
Delta R.T.: -0.006 min
Response: 2473494
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



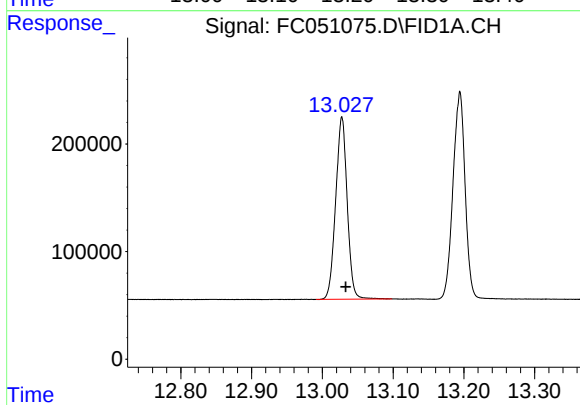
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.006 min
Response: 2342876
Conc: 20.17 ug/ml



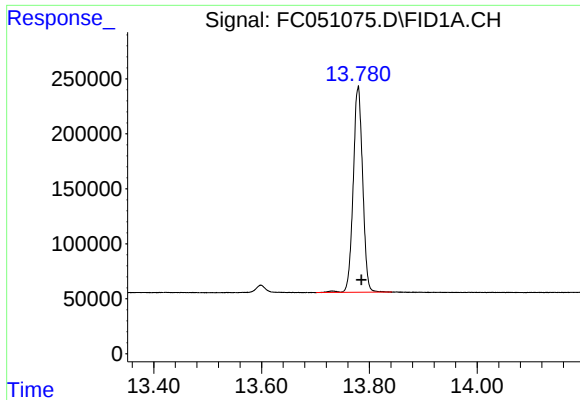
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.005 min
Response: 2293461
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

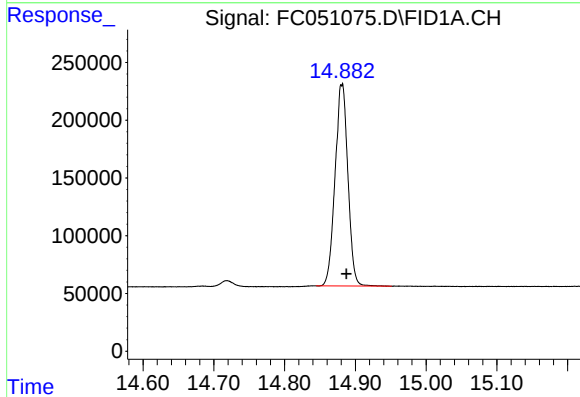
R.T.: 13.028 min
Delta R.T.: -0.006 min
Response: 1917782
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

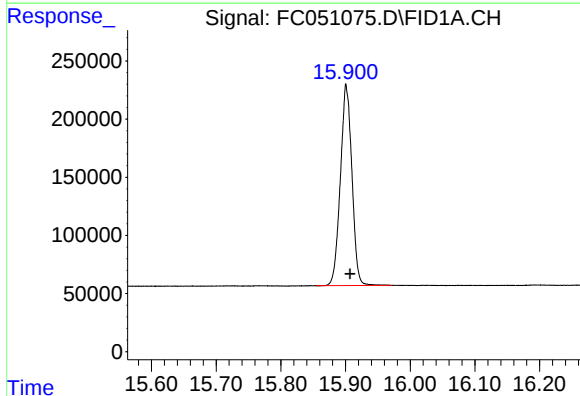
R.T.: 13.779 min
Delta R.T.: -0.006 min
Response: 2279251
Conc: 19.68 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



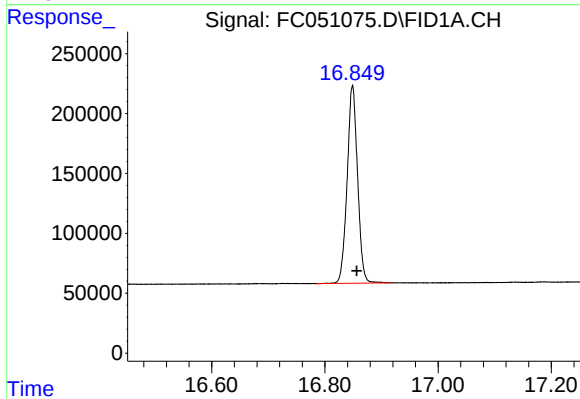
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: -0.006 min
Response: 2199792
Conc: 19.13 ug/ml



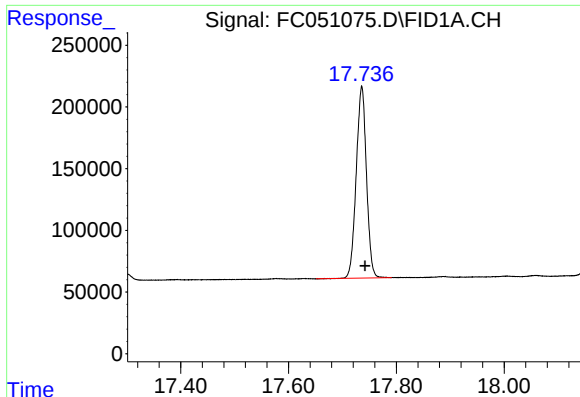
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: -0.006 min
Response: 2144563
Conc: 19.05 ug/ml



#16 n-Octacosane (C28)

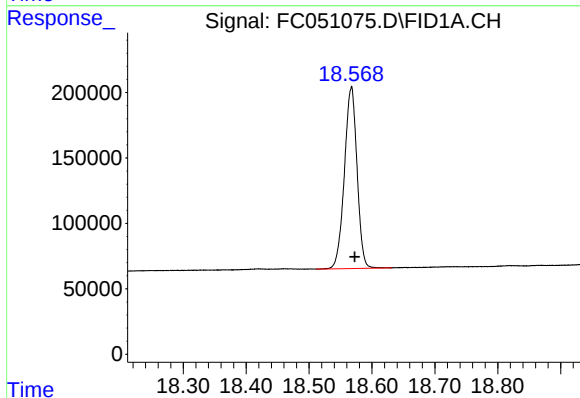
R.T.: 16.849 min
Delta R.T.: -0.007 min
Response: 2112406
Conc: 19.08 ug/ml



#17 n-Tricontane (C30)

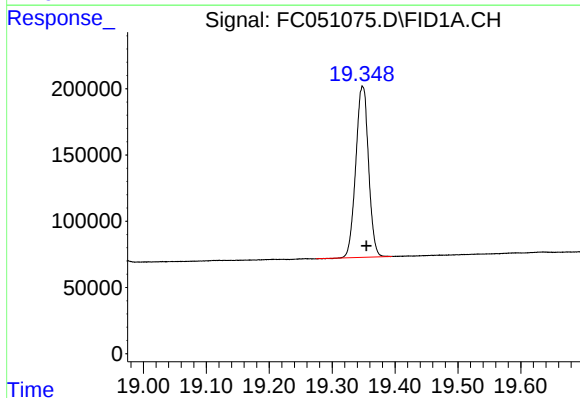
R.T.: 17.736 min
Delta R.T.: -0.006 min
Response: 2048801
Conc: 19.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



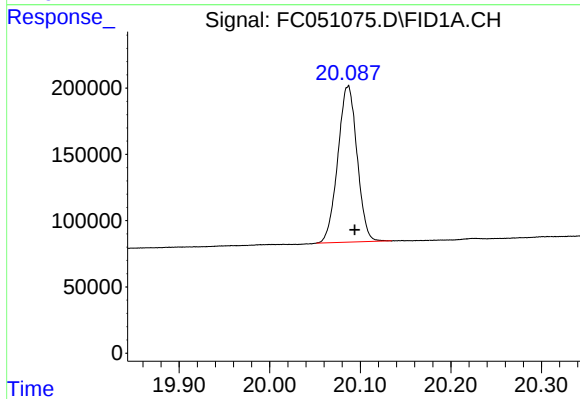
#18 n-Dotriacontane (C32)

R.T.: 18.567 min
Delta R.T.: -0.006 min
Response: 1935913
Conc: 19.81 ug/ml



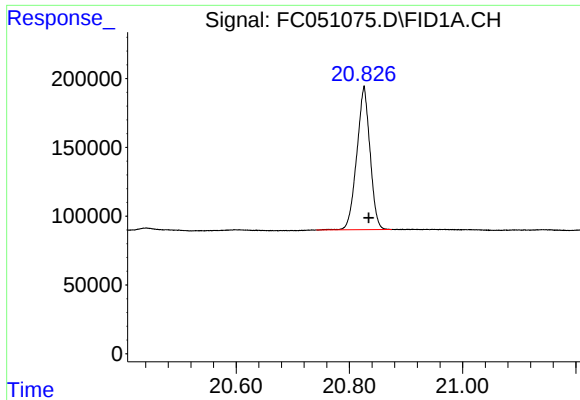
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.006 min
Response: 1816623
Conc: 20.35 ug/ml



#20 n-Hexatriacontane (C36)

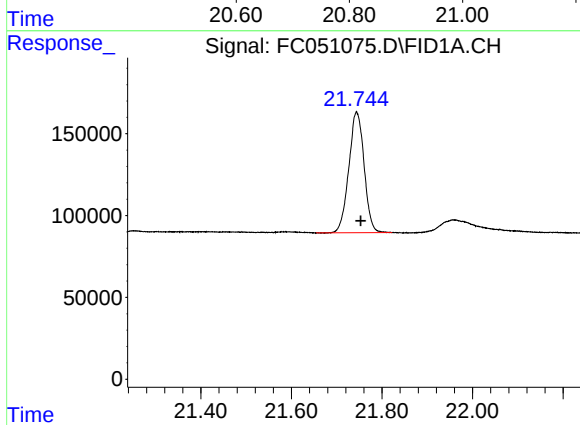
R.T.: 20.086 min
Delta R.T.: -0.007 min
Response: 1743331
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.008 min
Response: 1681602
Conc: 21.59 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.744 min
Delta R.T.: -0.009 min
Response: 1731267
Conc: 20.91 ug/ml