

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110320AL\
 Data File : FC050513.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2020 9:23
 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: Nov 03 10:46:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.615	2467969	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
12) S 1-chlorooctadecane (S...	13.049	1942418	20.118 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.368	2142729	20.138 ug/ml
2) T n-Decane (C10)	4.437	2138114	20.104 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2312805	20.083 ug/ml
4) T n-Dodecane (C12)	6.458	2181422	20.119 ug/ml
5) T A~2-methylnaphthalene...	7.087	2353094	20.510 ug/ml
6) T n-Tetradecane (C14)	8.253	2168597	20.106 ug/ml
7) T n-Hexadecane (C16)	9.854	2141764	20.119 ug/ml
8) T n-Octadecane (C18)	11.296	2258662	20.079 ug/ml
10) T n-Eicosane (C20)	12.604	2290176	20.066 ug/ml
11) T n-Heneicosane (C21)	13.216	2291229	20.084 ug/ml
13) T n-Docosane (C22)	13.803	2291063	20.075 ug/ml
14) T n-Tetracosane (C24)	14.905	2300339	20.143 ug/ml
15) T n-Hexacosane (C26)	15.924	2296081	20.251 ug/ml
16) T n-Octacosane (C28)	16.874	2300665	20.276 ug/ml
17) T n-Tricontane (C30)	17.760	2255964	20.291 ug/ml
18) T n-Dotriacontane (C32)	18.590	2094568	20.303 ug/ml
19) T n-Tetratriacontane (C34)	19.373	1952999	20.297 ug/ml
20) T n-Hexatriacontane (C36)	20.111	1833244	20.405 ug/ml
21) T n-Octatriacontane (C38)	20.853	1663265	20.004 ug/ml
22) T n-Tetracontane (C40)	21.779	1630981	19.490 ug/ml

(f)=RT Delta > 1/2 Window

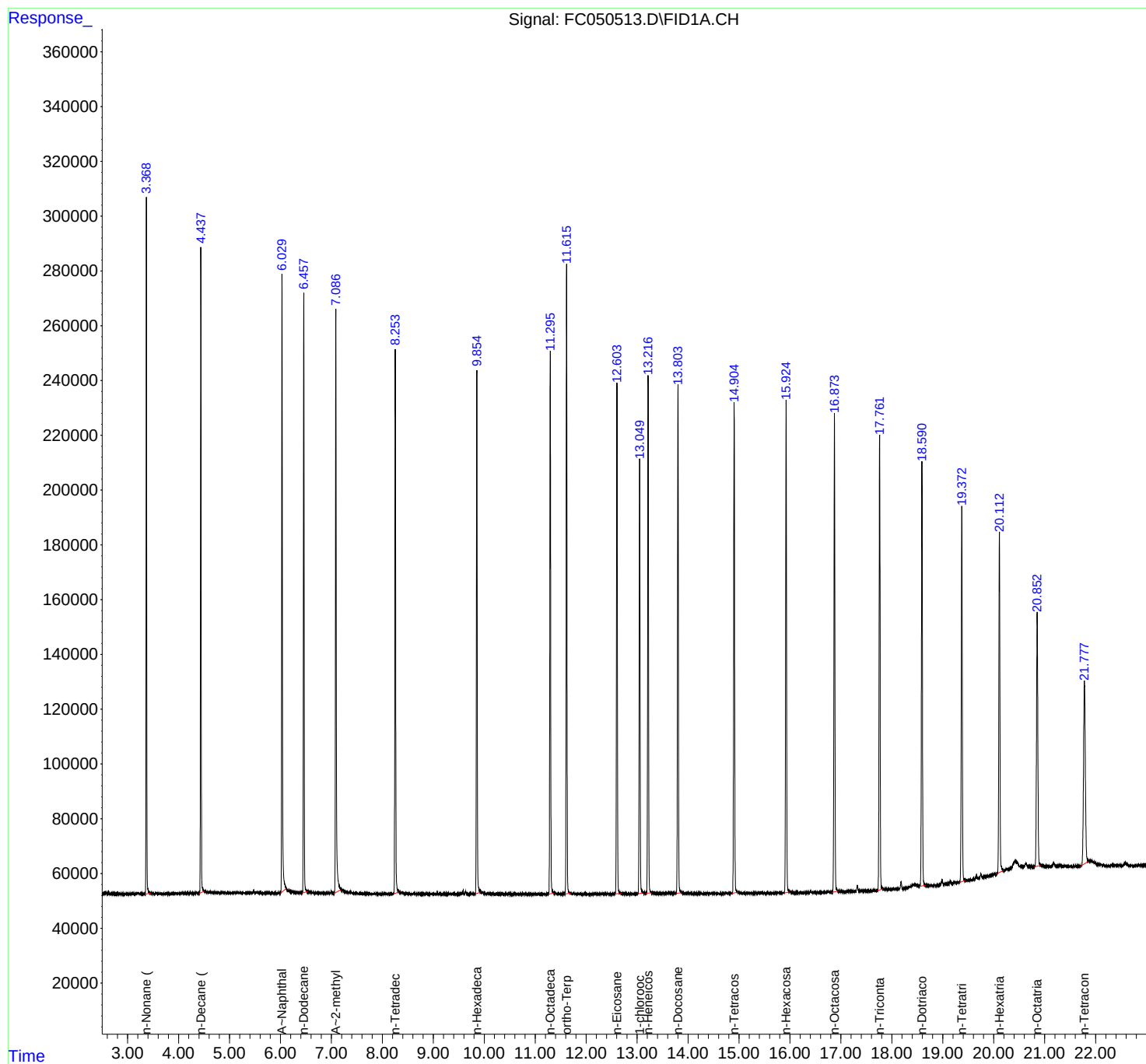
(m)=manual int.

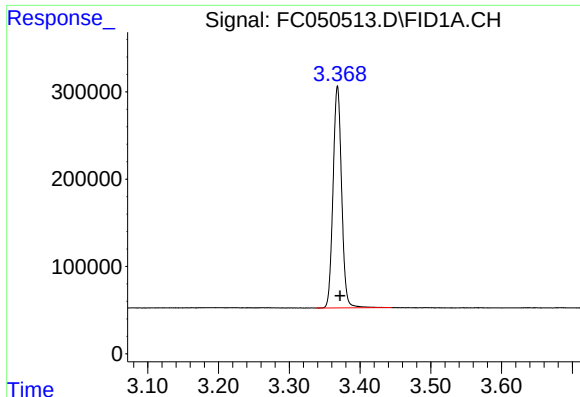
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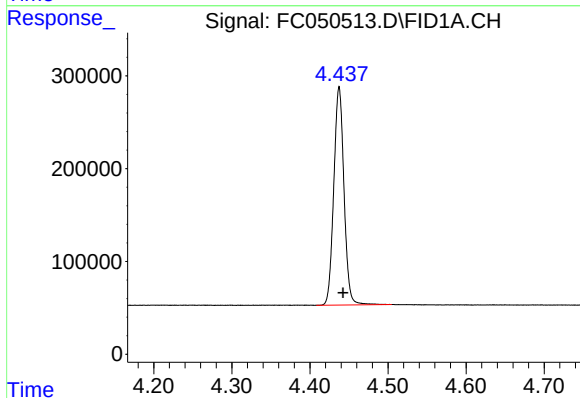




#1 n-Nonane (C9)

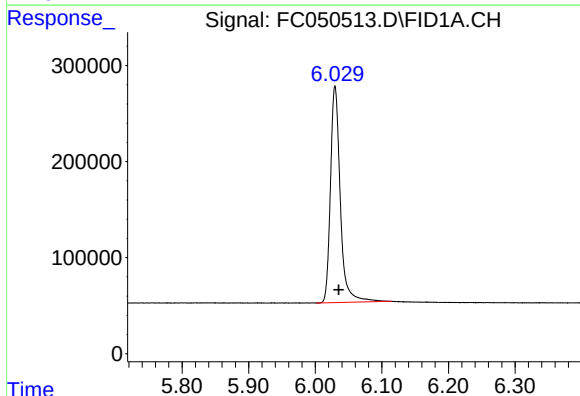
R.T.: 3.368 min
Delta R.T.: -0.004 min
Response: 2142729
Conc: 20.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



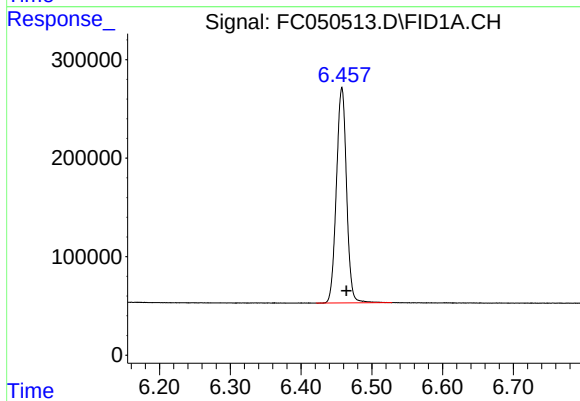
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.005 min
Response: 2138114
Conc: 20.10 ug/ml



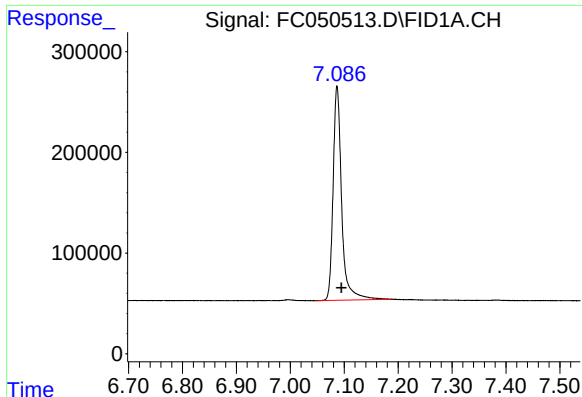
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.005 min
Response: 2312805
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

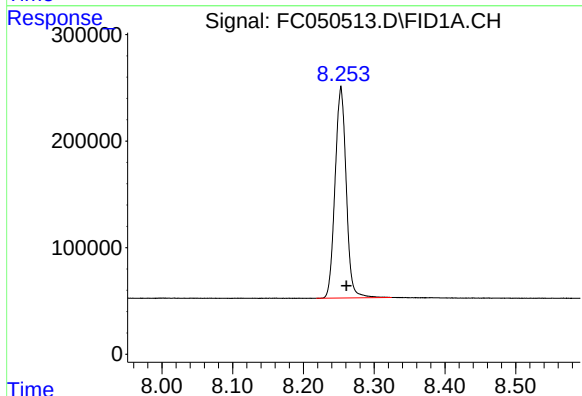
R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 2181422
Conc: 20.12 ug/ml



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

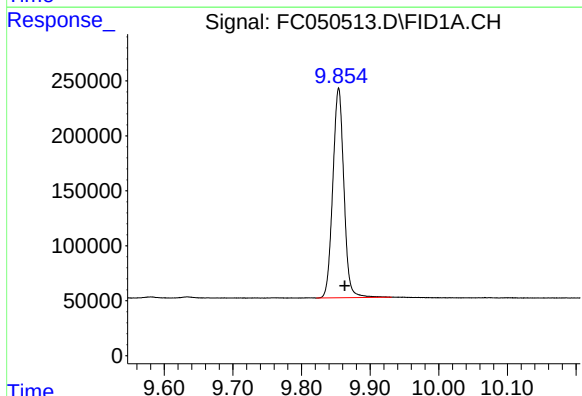
R.T.: 7.087 min
Delta R.T.: -0.008 min
Response: 2353094
Conc: 20.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



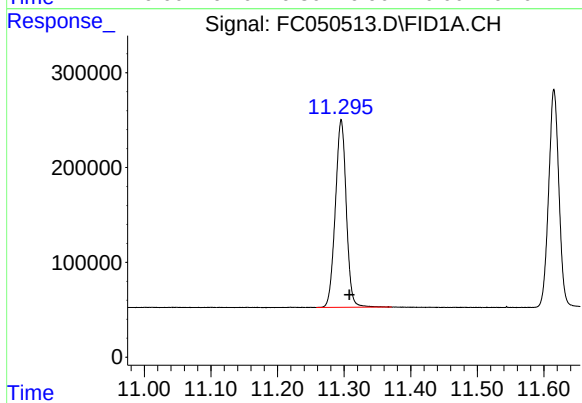
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.008 min
Response: 2168597
Conc: 20.11 ug/ml



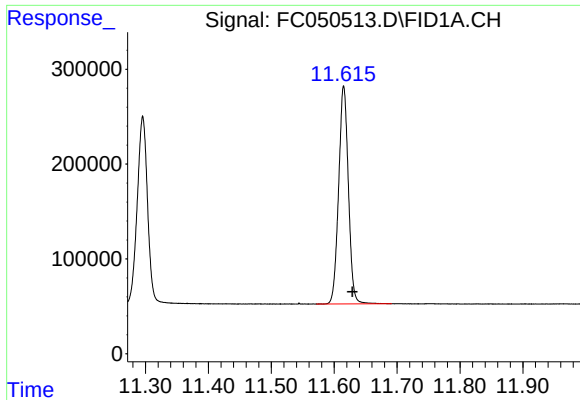
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.009 min
Response: 2141764
Conc: 20.12 ug/ml



#8 n-Octadecane (C18)

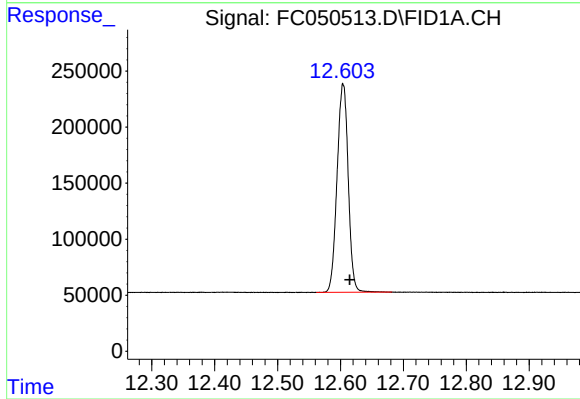
R.T.: 11.296 min
Delta R.T.: -0.012 min
Response: 2258662
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

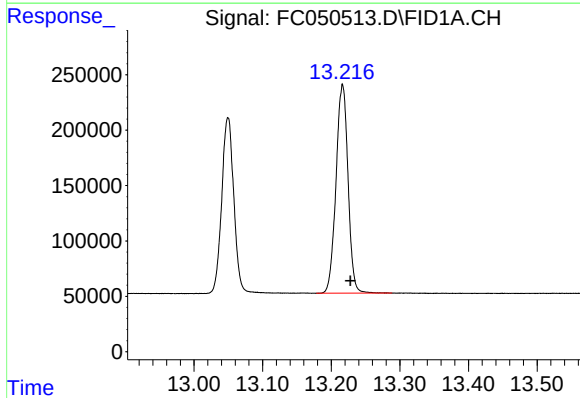
R.T.: 11.615 min
Delta R.T.: -0.014 min
Response: 2467969
Conc: 20.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



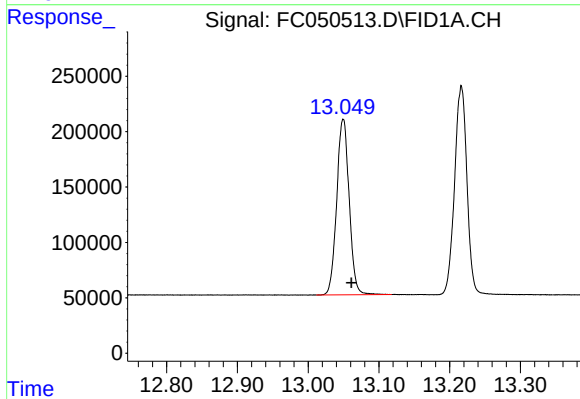
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.011 min
Response: 2290176
Conc: 20.07 ug/ml



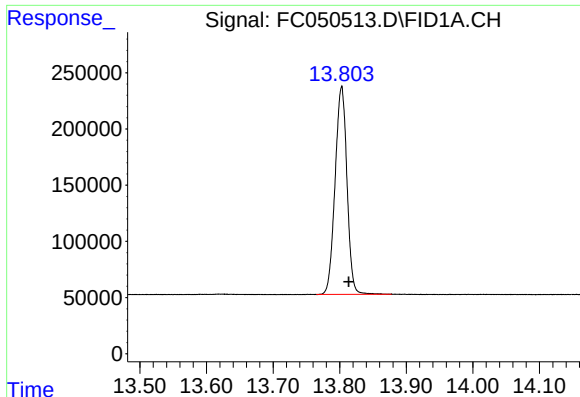
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.012 min
Response: 2291229
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

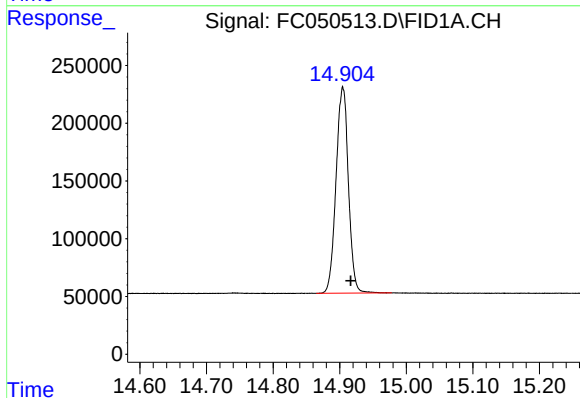
R.T.: 13.049 min
Delta R.T.: -0.012 min
Response: 1942418
Conc: 20.12 ug/ml



#13 n-Docosane (C22)

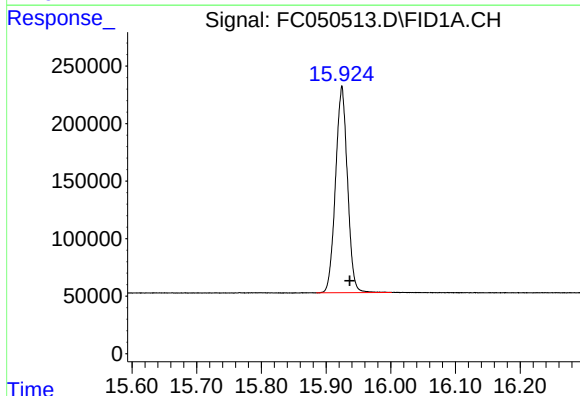
R.T.: 13.803 min
Delta R.T.: -0.011 min
Response: 2291063
Conc: 20.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



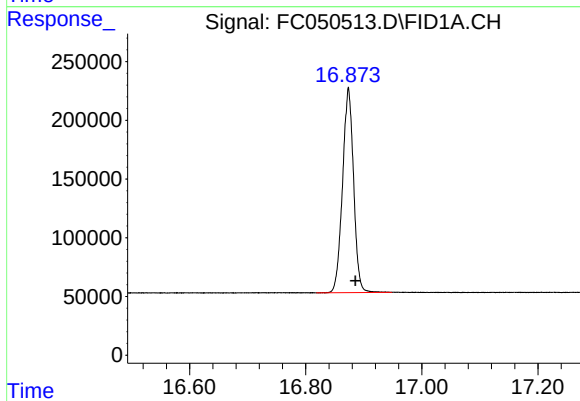
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: -0.012 min
Response: 2300339
Conc: 20.14 ug/ml



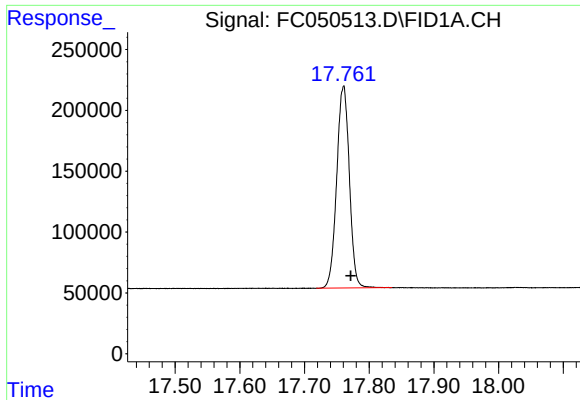
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.012 min
Response: 2296081
Conc: 20.25 ug/ml



#16 n-Octacosane (C28)

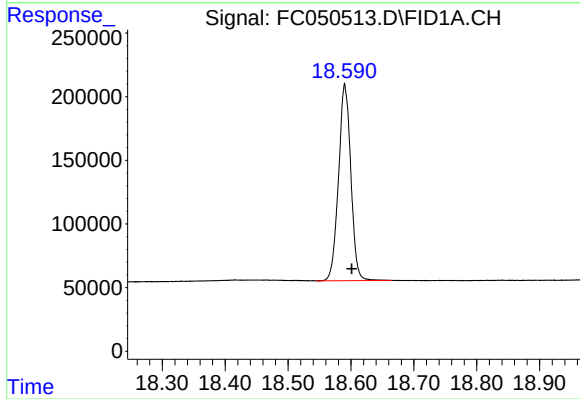
R.T.: 16.874 min
Delta R.T.: -0.012 min
Response: 2300665
Conc: 20.28 ug/ml



#17 n-Tricontane (C30)

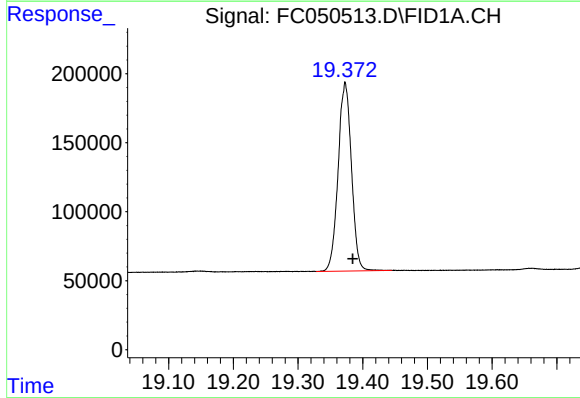
R.T.: 17.760 min
Delta R.T.: -0.012 min
Response: 2255964
Conc: 20.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



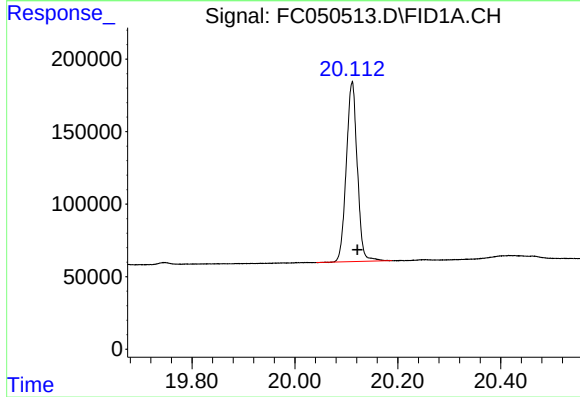
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: -0.011 min
Response: 2094568
Conc: 20.30 ug/ml



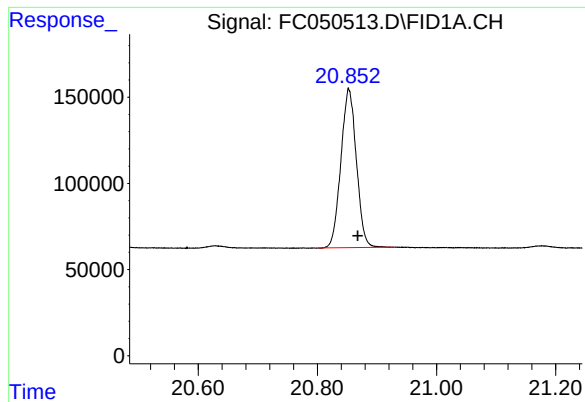
#19 n-Tetratriacontane (C34)

R.T.: 19.373 min
Delta R.T.: -0.012 min
Response: 1952999
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

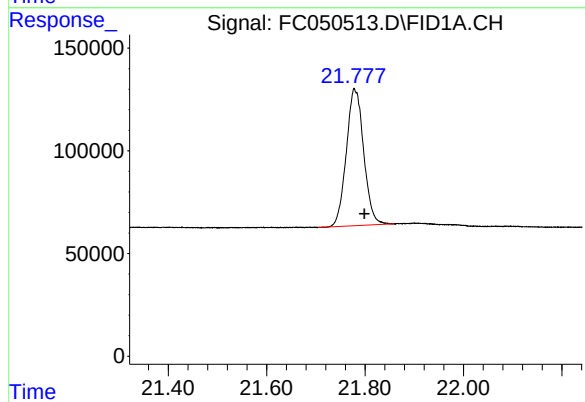
R.T.: 20.111 min
Delta R.T.: -0.011 min
Response: 1833244
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.853 min
Delta R.T.: -0.015 min
Response: 1663265
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.019 min
Response: 1630981
Conc: 19.49 ug/ml